

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019895.D
 Acq On : 25 Aug 2021 15:11
 Operator : SY/VA
 Sample : M3526-12
 Misc : 3.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7C2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Title : SFAM01.0

Signal : TIC: VW019895.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	68	75	85	rBV	138876	267037	11.99%	1.085%
2	2.898	155	163	176	rBV	91102	231927	10.41%	0.942%
3	3.038	178	186	211	rVB	143616	395040	17.73%	1.605%
4	4.019	335	347	358	rBV	164471	493032	22.13%	2.003%
5	4.117	359	363	381	rVB5	16814	62253	2.79%	0.253%
6	4.909	474	493	508	rBV4	72448	311952	14.00%	1.267%
7	5.446	568	581	598	rBV2	43921	159915	7.18%	0.650%
8	5.946	653	663	673	rVB2	7729	23569	1.06%	0.096%
9	6.720	778	790	803	rBV2	15066	56041	2.52%	0.228%
10	6.879	806	816	829	rBV2	31814	100187	4.50%	0.407%
11	7.086	841	850	859	rBV	27608	78525	3.52%	0.319%
12	7.653	931	943	966	rBV	227431	606019	27.20%	2.462%
13	7.958	983	993	998	rBV3	17963	46656	2.09%	0.190%
14	8.037	998	1006	1019	rVB	154000	398140	17.87%	1.617%
15	8.159	1019	1026	1029	rBV2	14866	30030	1.35%	0.122%
16	8.226	1029	1037	1040	rBV2	126893	308036	13.83%	1.251%
17	8.275	1040	1045	1060	rVB2	452946	1327548	59.59%	5.393%
18	8.433	1060	1071	1077	rBV2	325147	789795	35.45%	3.209%
19	8.506	1077	1083	1089	rVB	246675	484057	21.73%	1.967%
20	8.573	1089	1094	1109	rVB	237678	550994	24.73%	2.238%
21	8.842	1129	1138	1151	rBV	464274	934943	41.97%	3.798%
22	9.146	1181	1188	1197	rVB	12718	28498	1.28%	0.116%
23	9.293	1200	1212	1217	rBV2	417430	1423779	63.91%	5.784%
24	9.384	1224	1227	1236	rVB2	66796	124769	5.60%	0.507%
25	9.518	1243	1249	1254	rBV2	23590	39842	1.79%	0.162%
26	9.610	1254	1264	1275	rVB	314962	638015	28.64%	2.592%
27	9.750	1279	1287	1298	rVB	404680	786346	35.30%	3.195%
28	9.896	1300	1311	1315	rBV	69705	147045	6.60%	0.597%
29	9.945	1315	1319	1325	rVB	60797	113457	5.09%	0.461%
30	10.037	1325	1334	1338	rBV	134278	259517	11.65%	1.054%
31	10.085	1338	1342	1346	rVV	105158	178626	8.02%	0.726%
32	10.128	1346	1349	1357	rVB	46568	80656	3.62%	0.328%
33	10.213	1357	1363	1365	rBV5	40816	76990	3.46%	0.313%
34	10.238	1365	1367	1373	rVB3	52378	85157	3.82%	0.346%
35	10.323	1373	1381	1396	rBV2	1080510	2227693	100.00%	9.050%
36	10.451	1396	1402	1404	rBV	64504	110122	4.94%	0.447%

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 Title : SFAM01.0

37	10.500	1404	1410	1418	rVB3	244593	633801	28.45%	2.575%
38	10.579	1418	1423	1427	rBV2	82840	168332	7.56%	0.684%
39	10.622	1427	1430	1433	rVV	44086	54041	2.43%	0.220%
40	10.664	1433	1437	1445	rVB	383010	664100	29.81%	2.698%
41	10.762	1445	1453	1458	rBV2	179704	375744	16.87%	1.527%
42	10.847	1464	1467	1472	rVB2	44745	68149	3.06%	0.277%
43	10.933	1472	1481	1487	rBV3	170393	350433	15.73%	1.424%
44	11.030	1487	1497	1506	rBV5	55044	186100	8.35%	0.756%
45	11.110	1506	1510	1512	rBV3	46792	73370	3.29%	0.298%
46	11.146	1512	1516	1518	rBV2	72557	108588	4.87%	0.441%
47	11.177	1518	1521	1525	rVB	160692	224469	10.08%	0.912%
48	11.231	1525	1530	1535	rVB	515849	857485	38.49%	3.484%
49	11.286	1535	1539	1542	rBV2	47626	56587	2.54%	0.230%
50	11.335	1542	1547	1552	rVB2	135613	236580	10.62%	0.961%
51	11.439	1558	1564	1572	rVB	140617	255196	11.46%	1.037%
52	11.512	1572	1576	1579	rBV2	21629	34734	1.56%	0.141%
53	11.555	1579	1583	1590	rVB6	18377	31455	1.41%	0.128%
54	11.634	1590	1596	1605	rBV	435016	776331	34.85%	3.154%
55	11.725	1605	1611	1614	rBV	55306	92887	4.17%	0.377%
56	11.762	1614	1617	1621	rBV	59762	81989	3.68%	0.333%
57	11.805	1621	1624	1630	rVB4	56224	98463	4.42%	0.400%
58	11.878	1630	1636	1640	rBV2	127337	276044	12.39%	1.121%
59	11.975	1647	1652	1657	rBV3	26082	49168	2.21%	0.200%
60	12.042	1657	1663	1671	rVB4	47563	104786	4.70%	0.426%
61	12.140	1671	1679	1685	rBV2	155762	361664	16.23%	1.469%
62	12.250	1695	1697	1701	rVB	61576	76344	3.43%	0.310%
63	12.298	1701	1705	1707	rBV	44546	66447	2.98%	0.270%
64	12.341	1707	1712	1717	rBV2	195846	413156	18.55%	1.678%
65	12.506	1736	1739	1752	rVB7	42103	141064	6.33%	0.573%
66	12.615	1752	1757	1761	rBV3	19296	32020	1.44%	0.130%
67	12.695	1764	1770	1776	rBV	224511	384123	17.24%	1.561%
68	12.780	1778	1784	1790	rVB2	172785	315024	14.14%	1.280%
69	12.859	1790	1797	1801	rBV5	43931	103181	4.63%	0.419%
70	12.932	1802	1809	1816	rVV5	89984	246425	11.06%	1.001%
71	12.993	1816	1819	1823	rVB3	32617	48440	2.17%	0.197%
72	13.079	1829	1833	1837	rBV3	31953	46333	2.08%	0.188%
73	13.170	1843	1848	1859	rVB5	60552	152882	6.86%	0.621%
74	13.262	1859	1863	1865	rBV3	18137	29410	1.32%	0.119%
75	13.377	1879	1882	1886	rBV3	24983	36110	1.62%	0.147%
76	13.444	1886	1893	1897	rBV5	48456	95782	4.30%	0.389%

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77	13.554	1906	1911	1919	rVB	219725	362022	16.25%	1.471%
78	13.694	1929	1934	1947	rVB8	31266	91750	4.12%	0.373%
79	13.853	1949	1960	1969	rBV2	224144	570452	25.61%	2.318%
80	14.011	1983	1986	1990	rVV3	13282	21819	0.98%	0.089%
81	14.091	1991	1999	2004	rVV2	42659	93872	4.21%	0.381%
82	14.200	2011	2017	2023	rVB4	39452	79921	3.59%	0.325%
83	14.261	2023	2027	2033	rBV4	18512	39393	1.77%	0.160%
84	14.322	2033	2037	2039	rVV4	15567	26932	1.21%	0.109%
85	14.383	2043	2047	2050	rVV4	59175	99196	4.45%	0.403%
86	14.414	2050	2052	2062	rVB2	36204	61212	2.75%	0.249%
87	14.548	2068	2074	2080	rBV6	36332	70935	3.18%	0.288%
88	14.731	2102	2104	2108	rVV4	17517	25162	1.13%	0.102%
89	14.792	2109	2114	2119	rVV2	98575	178288	8.00%	0.724%
90	14.853	2119	2124	2131	rVB5	29758	73517	3.30%	0.299%
91	15.060	2154	2158	2162	rVV2	29918	50857	2.28%	0.207%
92	15.103	2162	2165	2171	rVV3	14701	31425	1.41%	0.128%
93	15.170	2171	2176	2183	rVB4	38653	79358	3.56%	0.322%
94	15.316	2196	2200	2208	rVB4	40666	77537	3.48%	0.315%
95	15.499	2221	2230	2237	rVB7	16583	56324	2.53%	0.229%
96	15.651	2247	2255	2262	rBV7	11405	34506	1.55%	0.140%
97	15.731	2262	2268	2272	rBV6	14006	28447	1.28%	0.116%
98	16.163	2333	2339	2344	rBV7	11548	26547	1.19%	0.108%
99	16.279	2354	2358	2365	rVB3	12269	22255	1.00%	0.090%
100	16.633	2407	2416	2426	rBV3	7808	29513	1.32%	0.120%

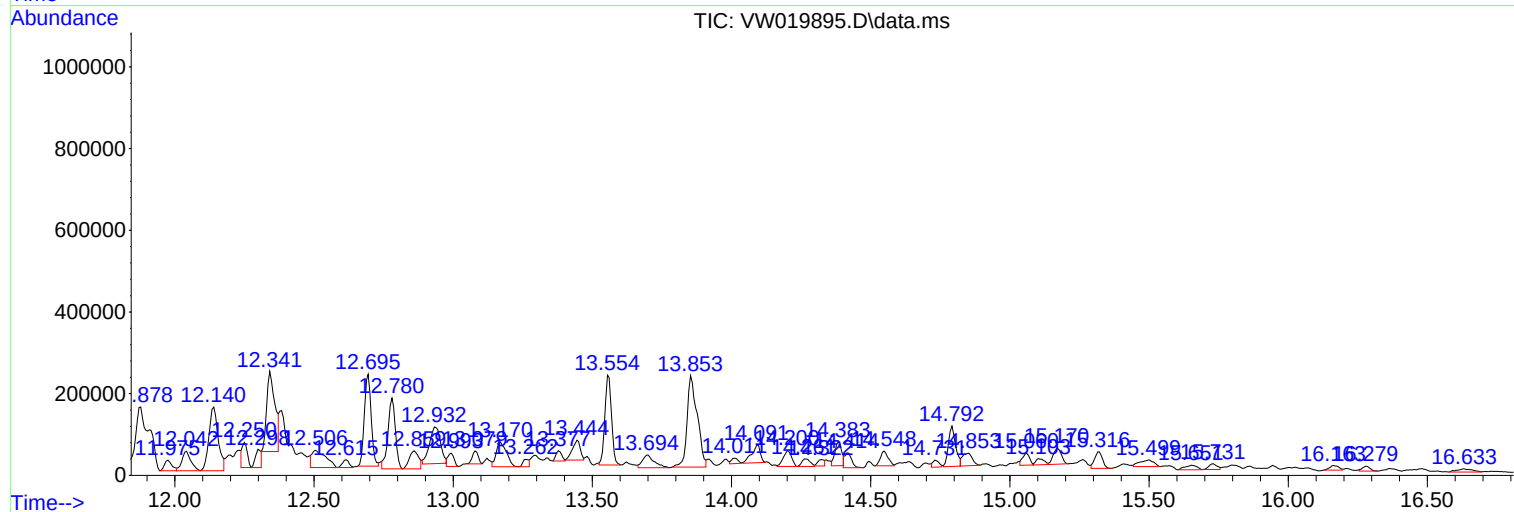
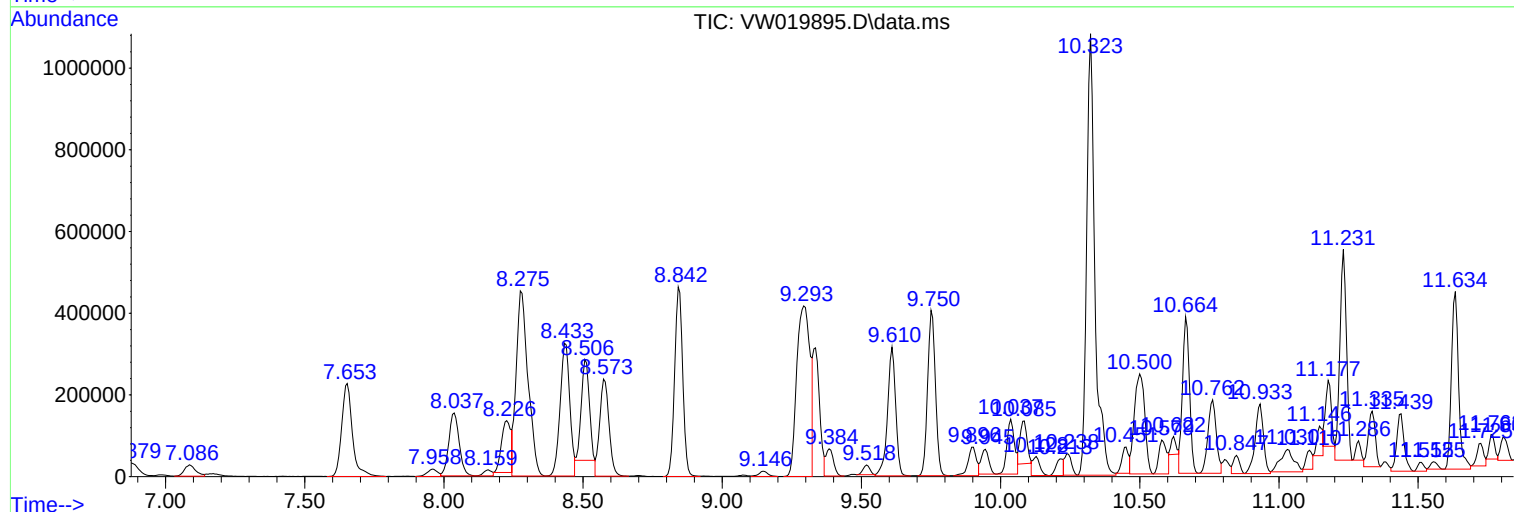
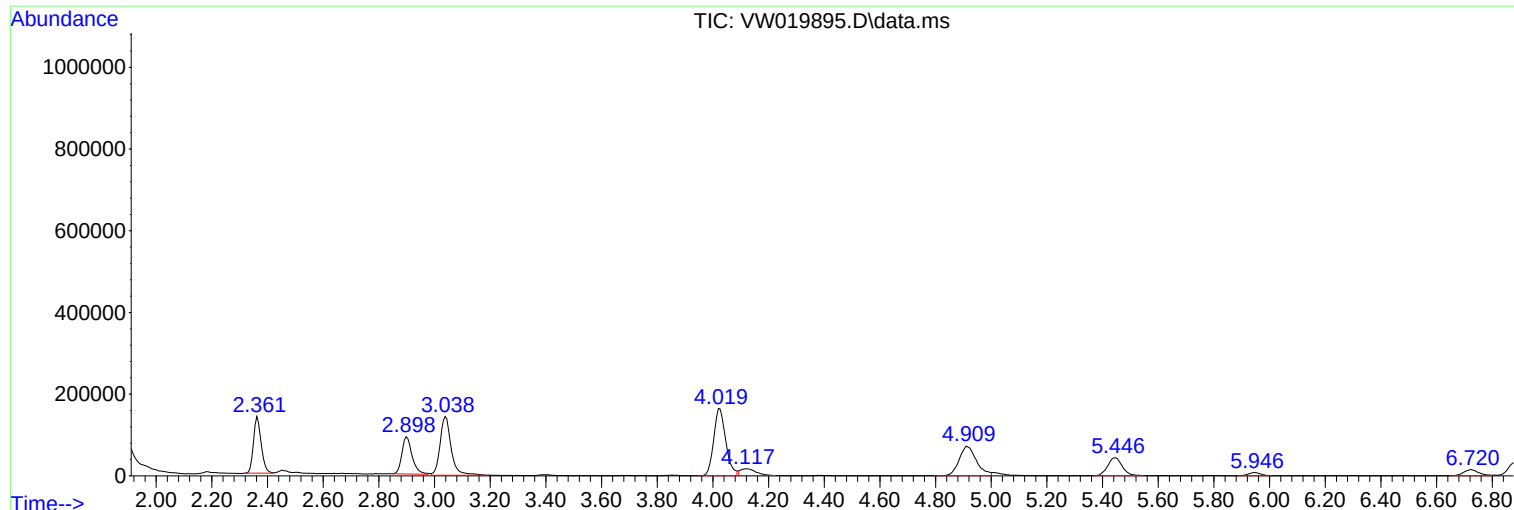
Sum of corrected areas: 24614685

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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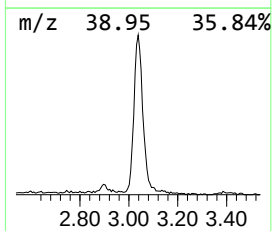
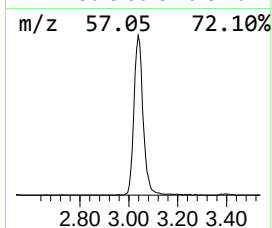
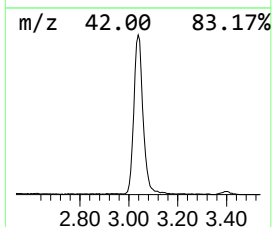
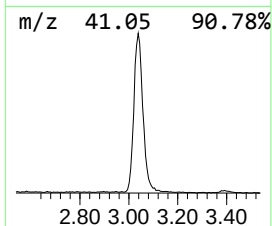
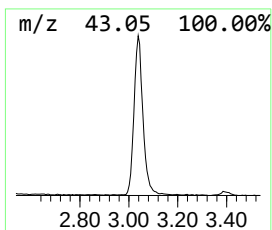
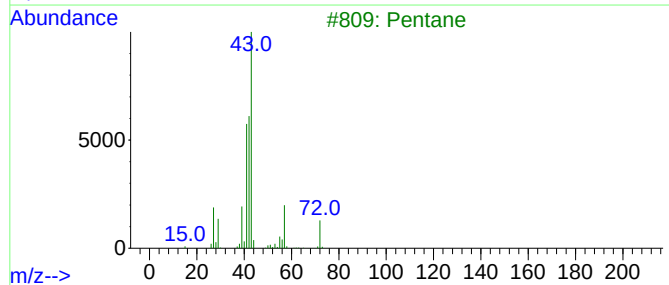
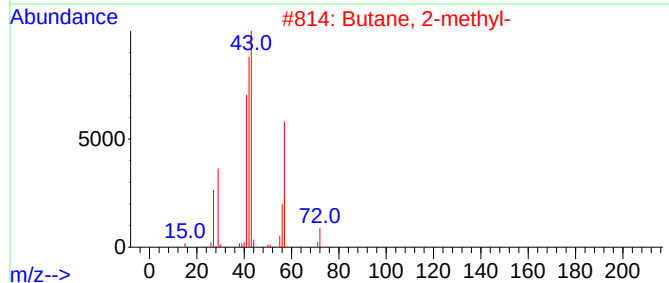
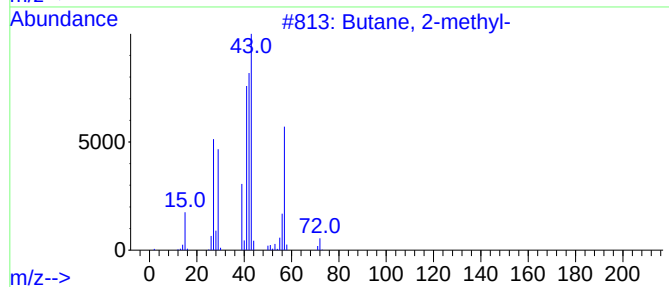
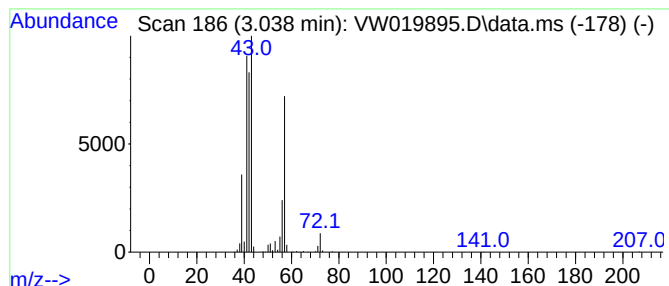
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	10.56 ug/L	395040	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Pentane	72	C5H12	000109-66-0	37
4		3-Buten-1-ol	72	C4H8O	000627-27-0	25
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	14



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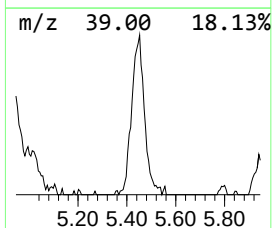
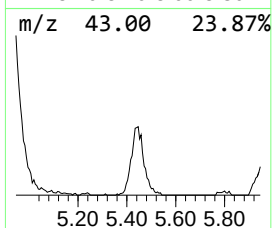
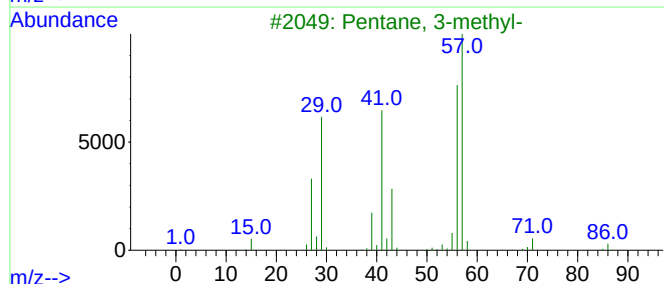
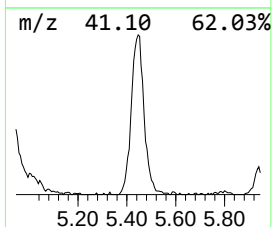
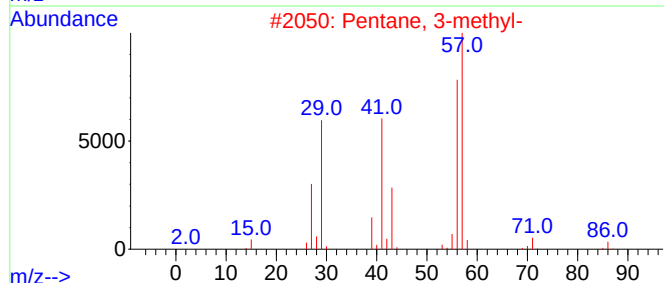
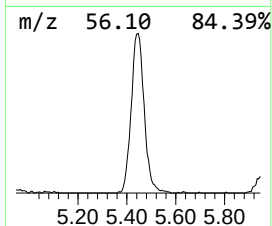
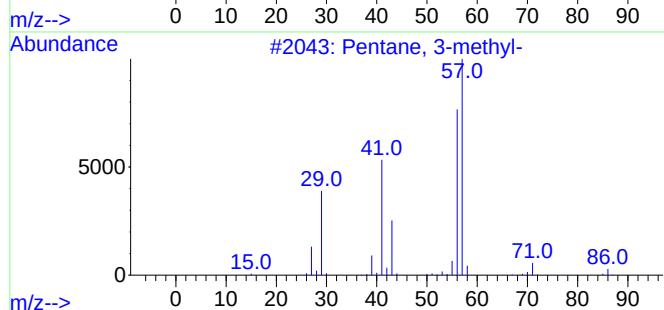
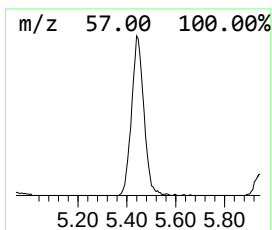
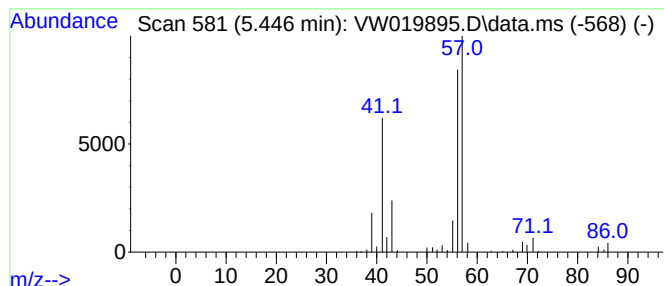
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	4.28 ug/L	159915	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74



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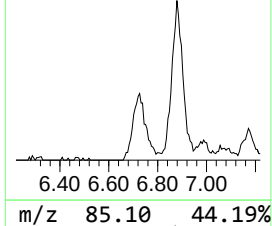
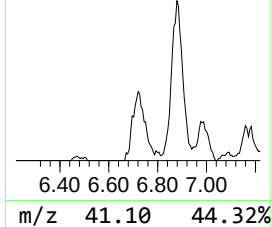
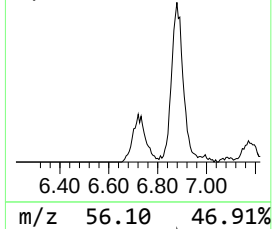
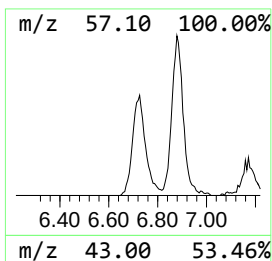
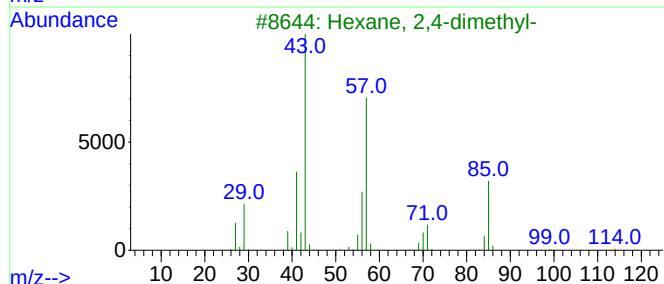
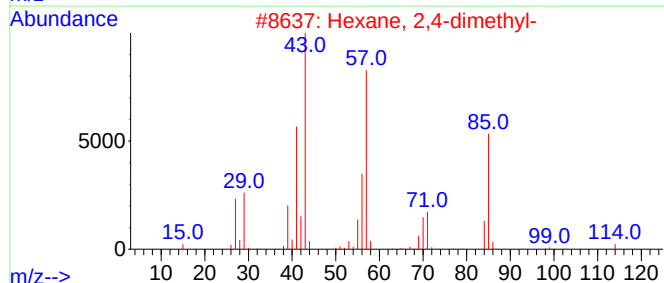
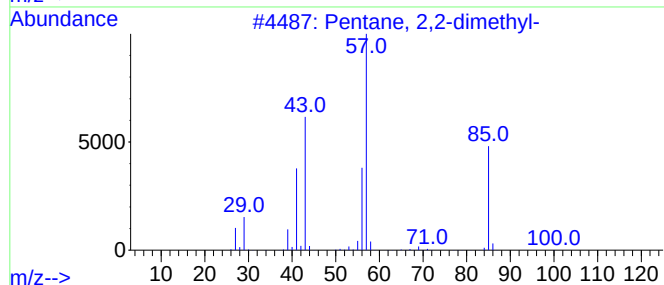
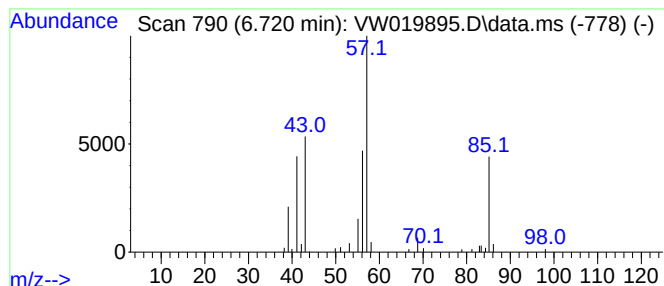
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.720	1.50 ug/L	56041	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

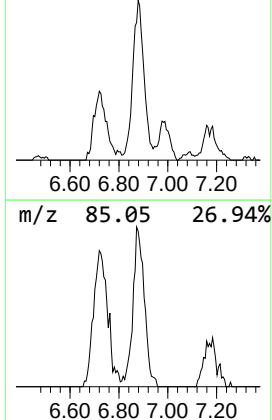
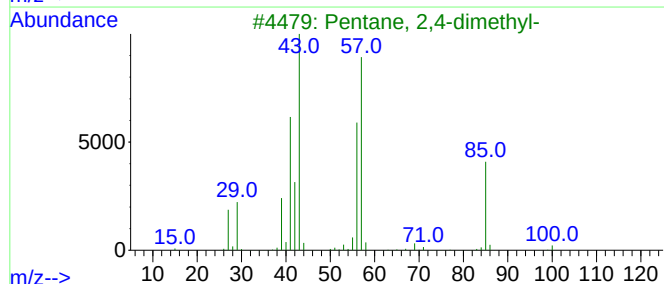
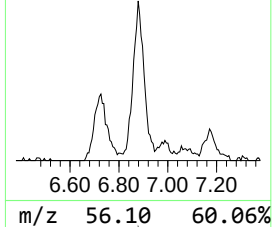
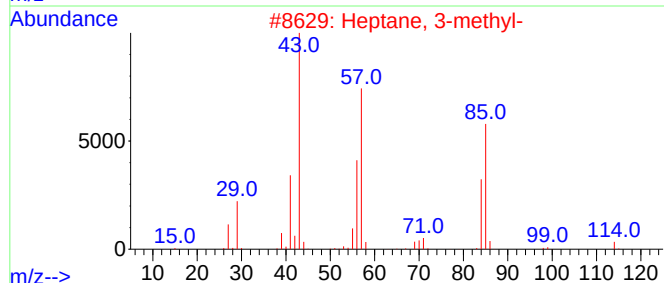
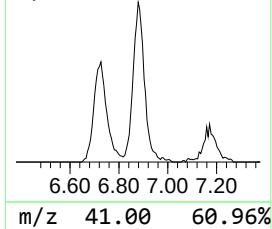
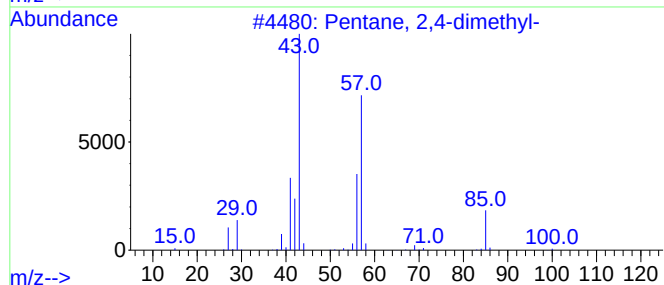
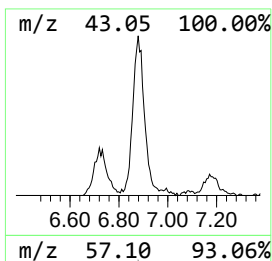
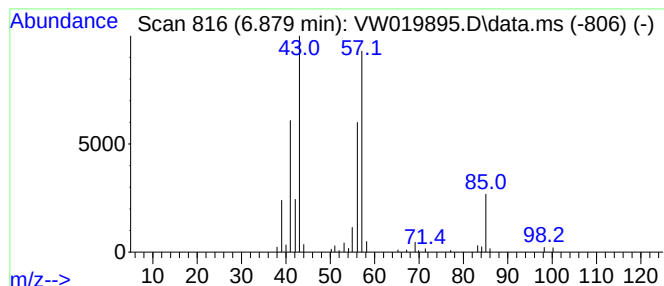
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.879	2.68 ug/L	100187	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

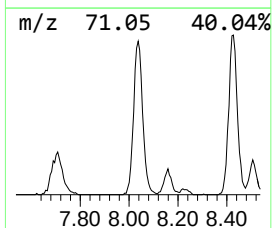
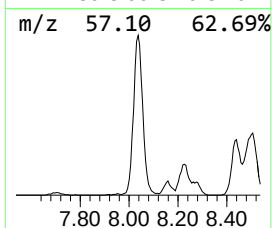
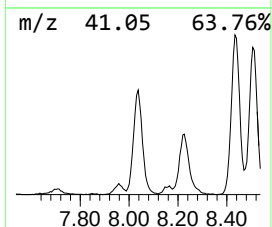
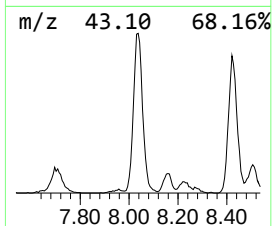
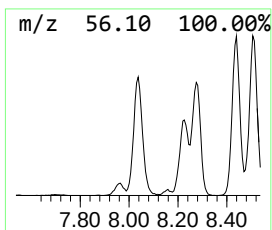
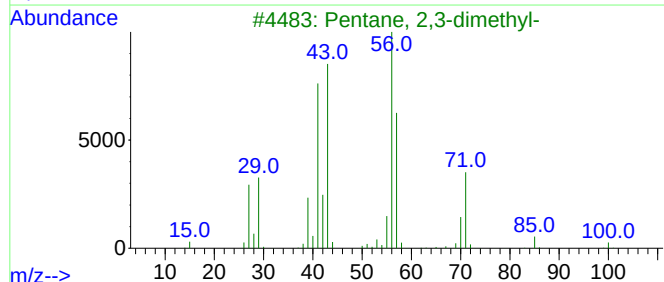
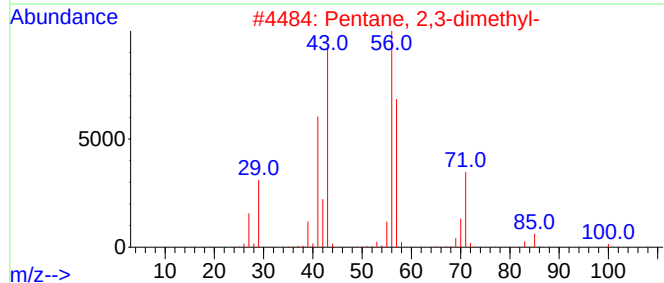
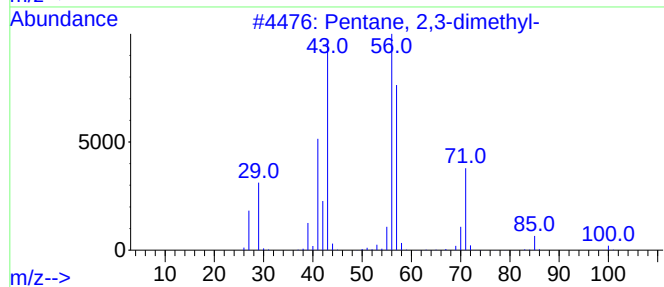
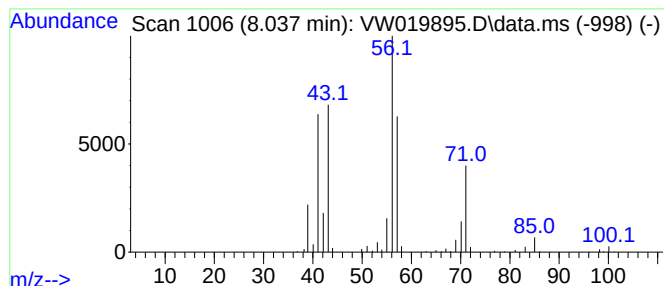
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	10.65 ug/L	398140	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

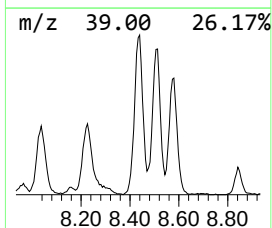
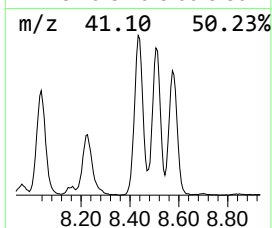
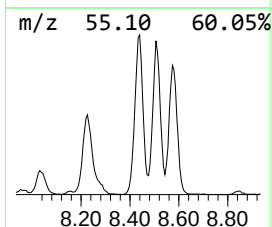
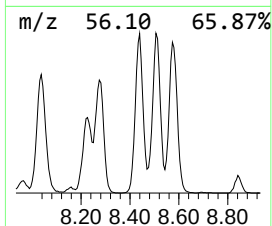
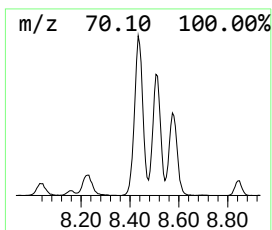
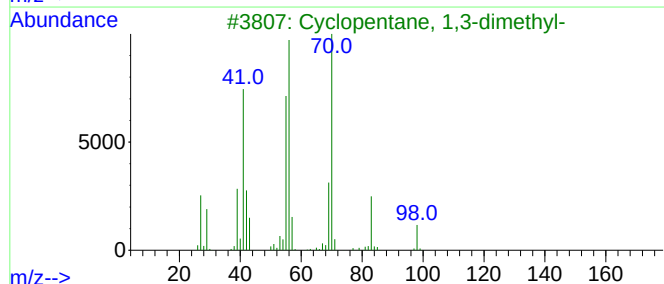
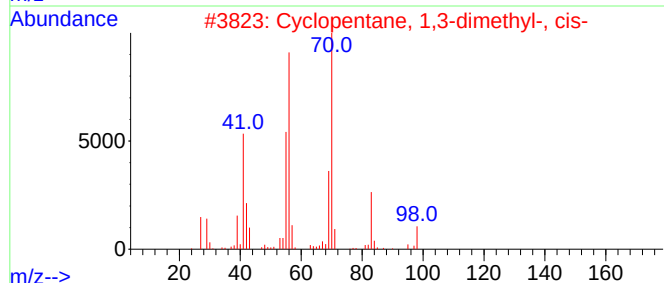
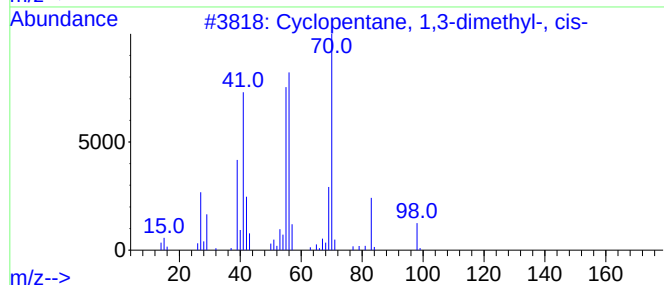
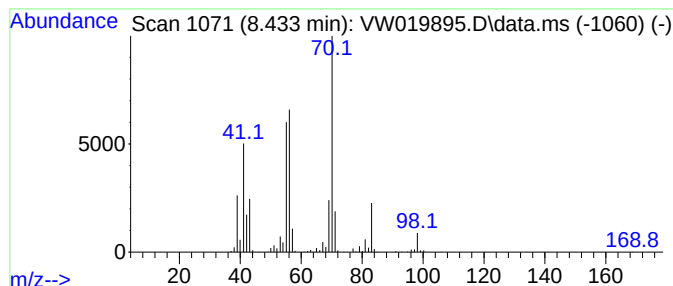
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic8.433 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	21.12 ug/L	789795	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	92
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
4			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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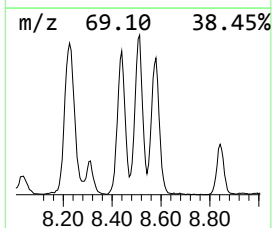
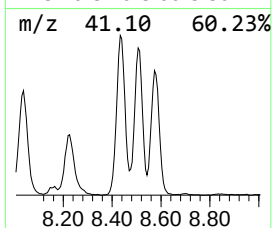
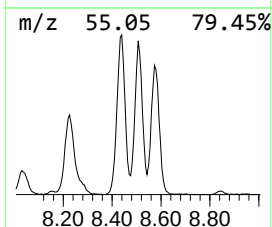
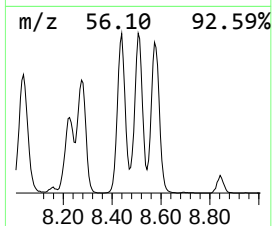
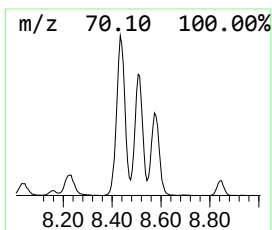
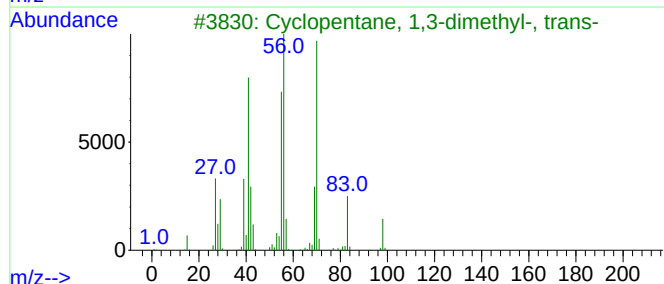
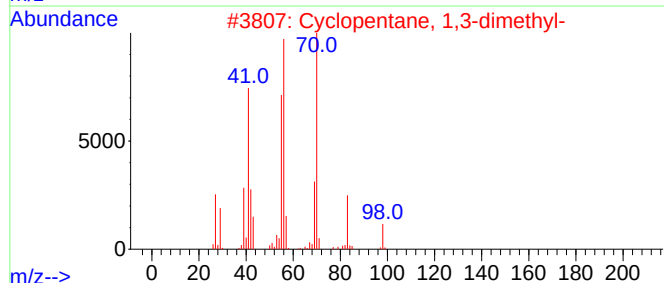
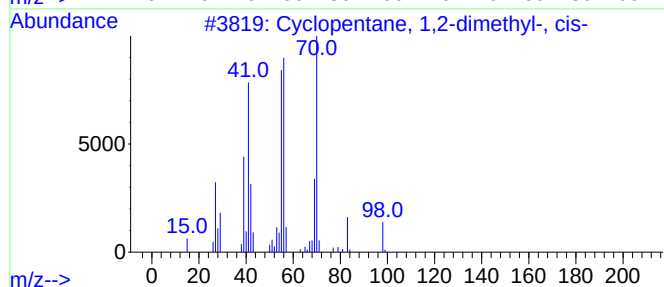
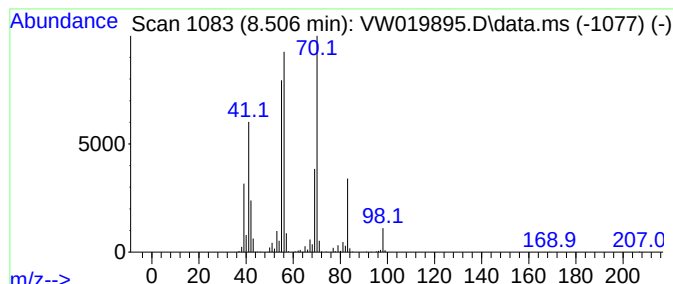
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic8.506 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.506	12.94 ug/L	484057	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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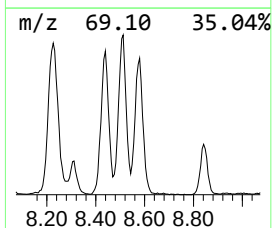
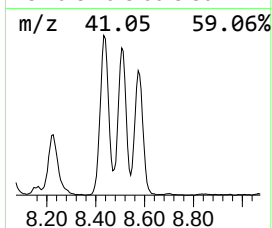
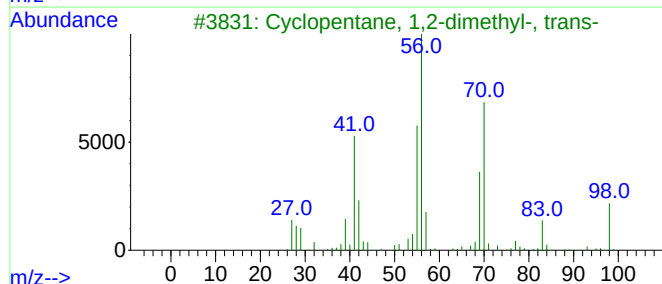
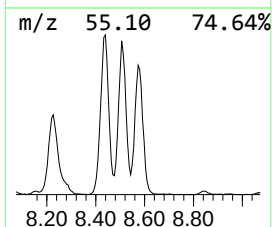
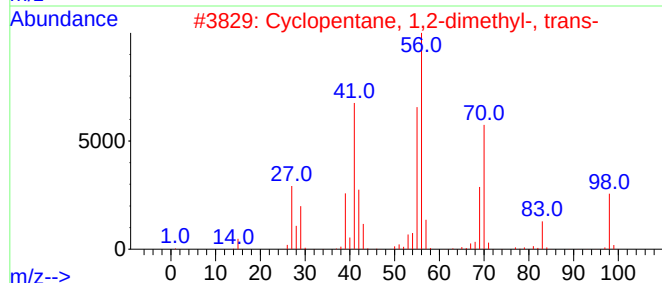
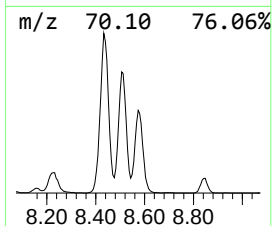
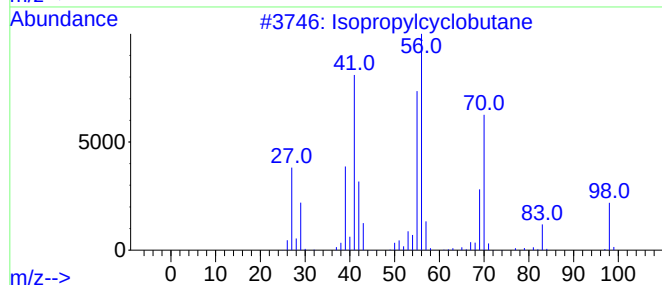
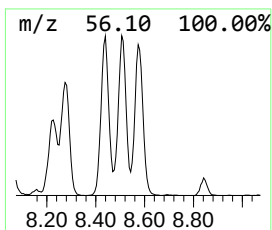
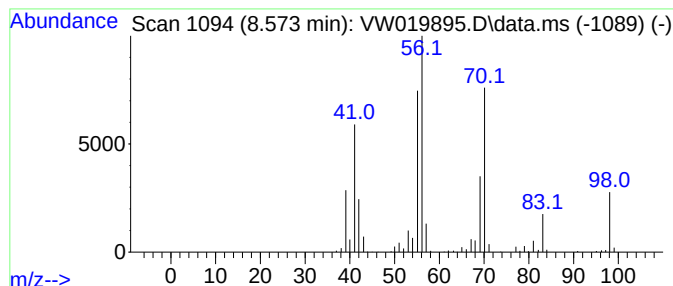
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic8.573 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	14.73 ug/L	550994	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropylcyclobutane	98	C7H14	000872-56-0	94
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4		1-Heptene	98	C7H14	000592-76-7	91
5		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
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Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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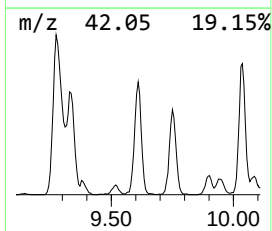
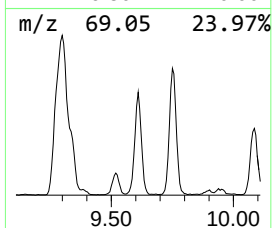
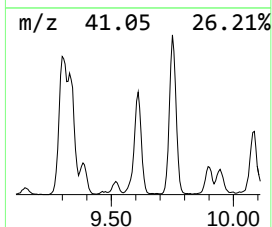
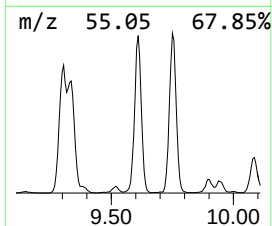
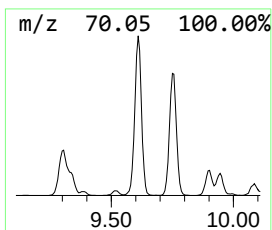
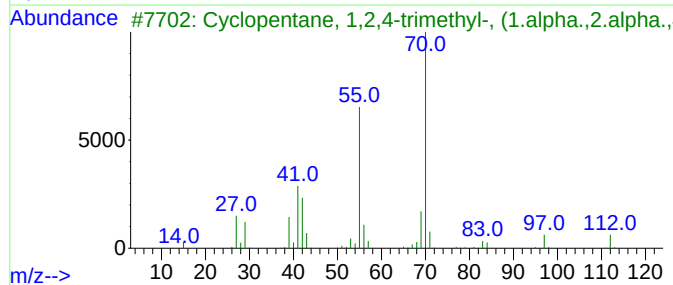
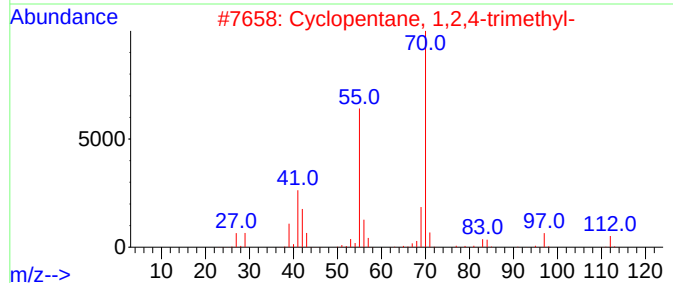
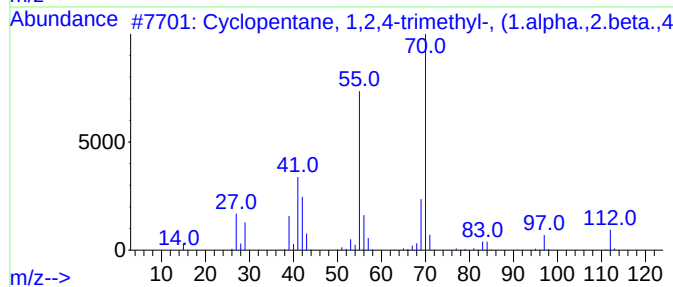
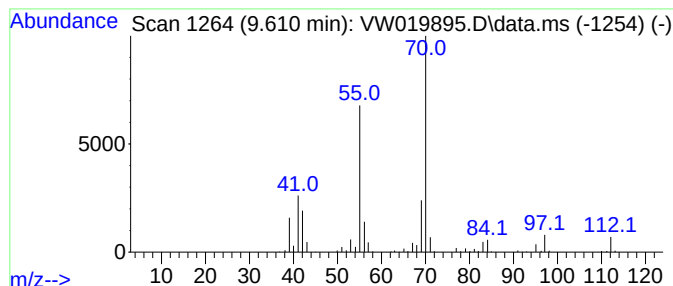
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic9.610 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	17.06 ug/L	638015	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
5		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

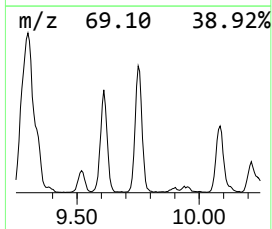
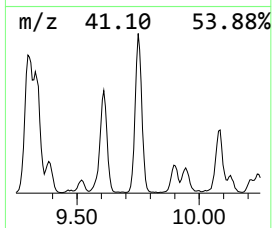
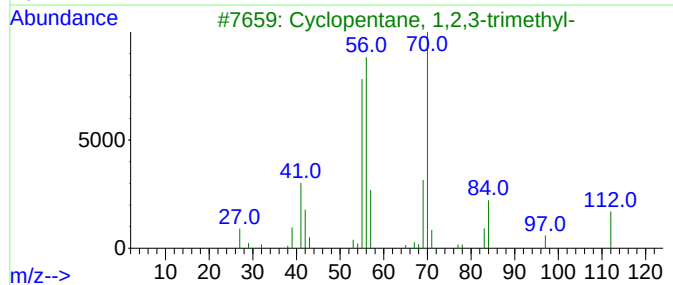
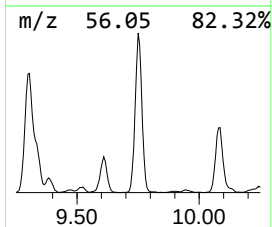
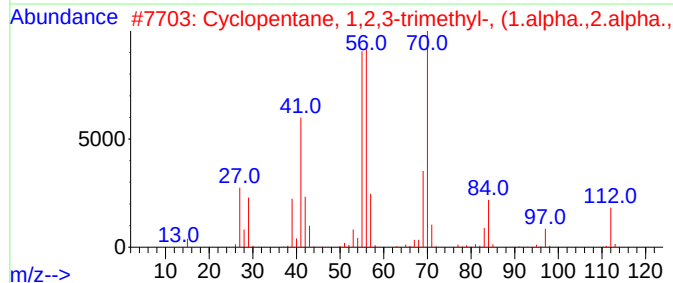
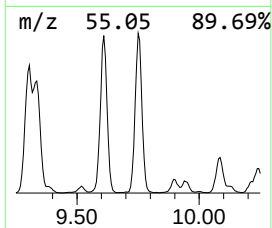
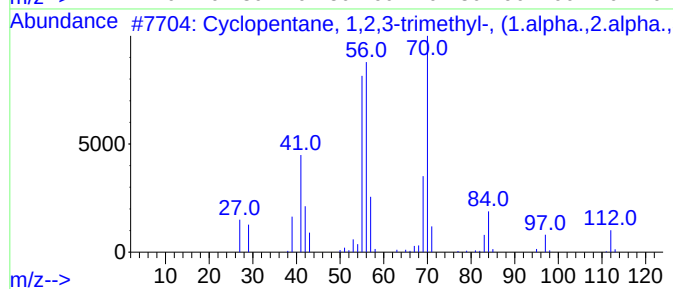
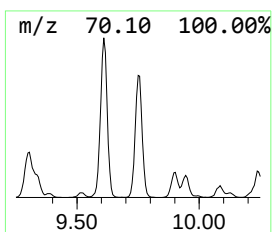
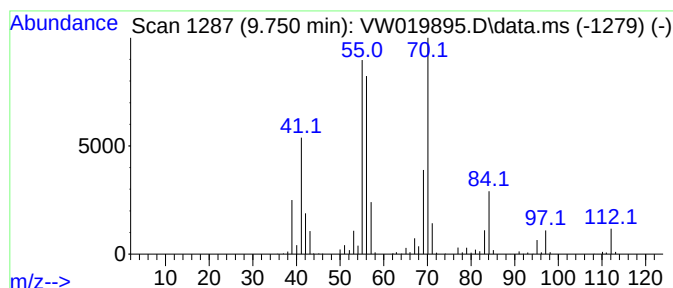
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic9.750 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	21.03 ug/L	786346	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
3		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

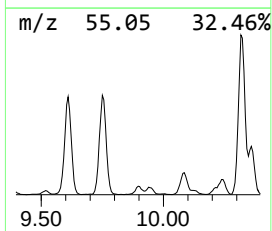
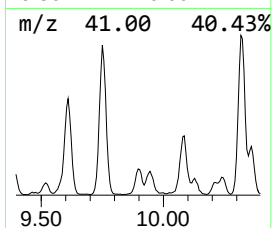
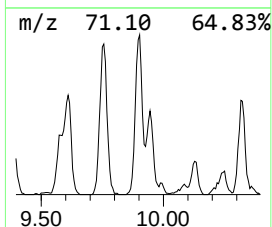
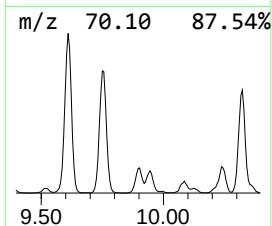
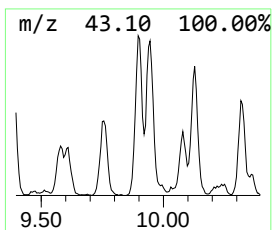
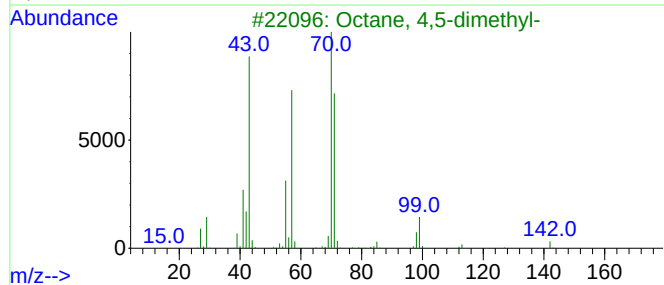
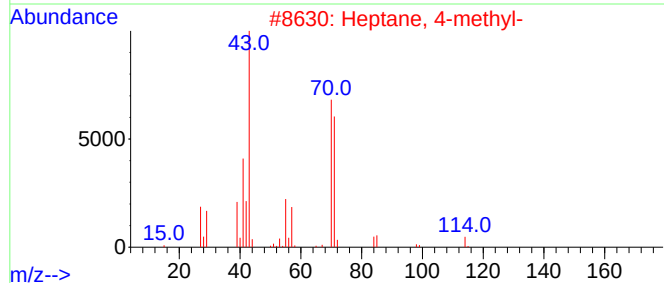
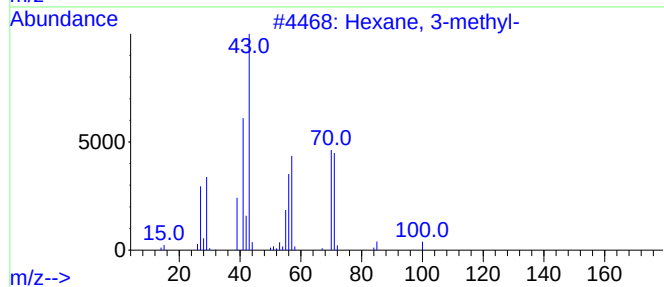
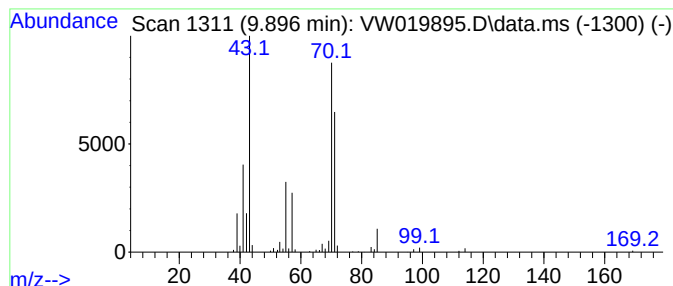
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	3.93 ug/L	147045	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	83
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
4			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

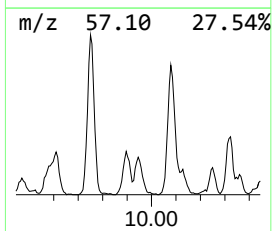
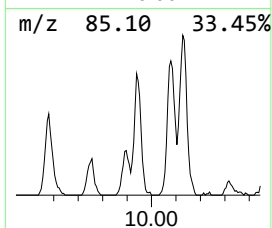
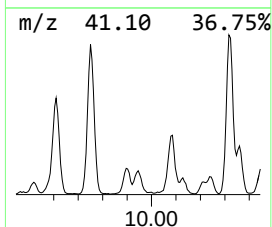
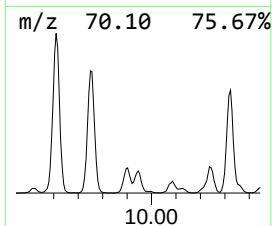
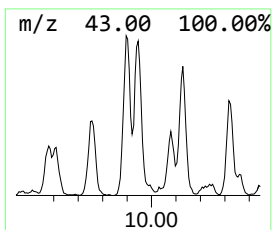
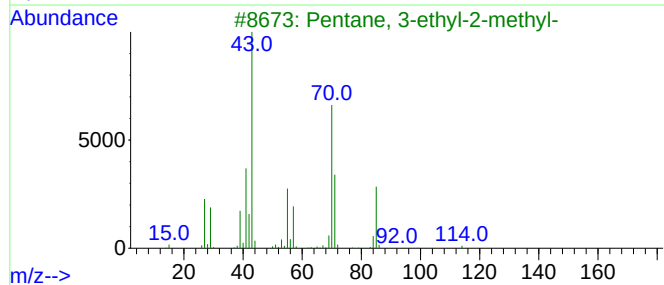
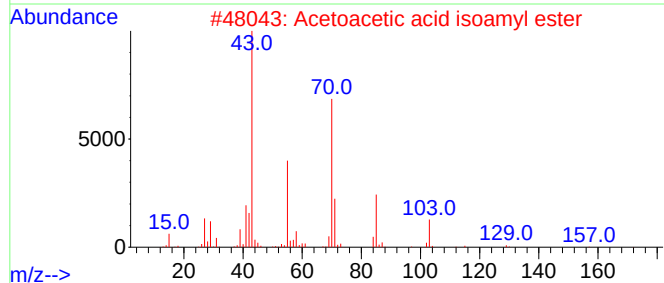
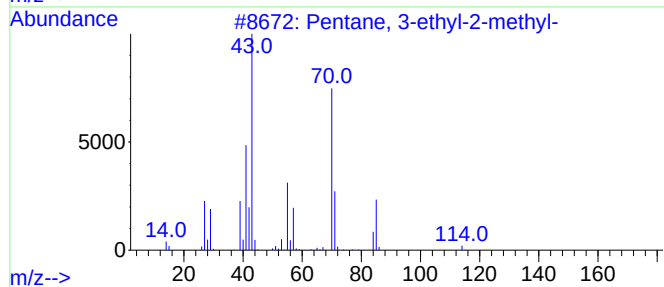
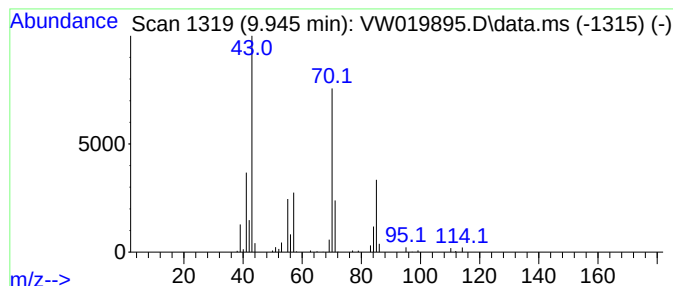
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	3.03 ug/L	113457	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	87
2			Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	78
3			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
4			Butanoic acid, 3-methyl-, 3-meth...	172	C10H20O2	000659-70-1	59
5			Pentanoic acid, 3-methylbutyl ester	172	C10H20O2	002050-09-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW7C2

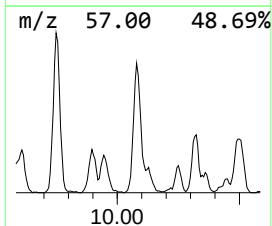
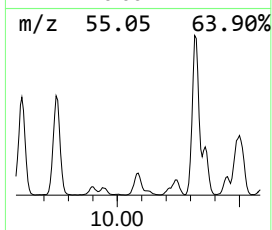
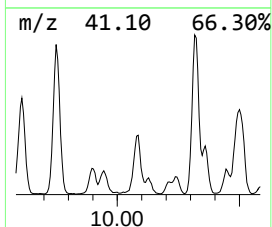
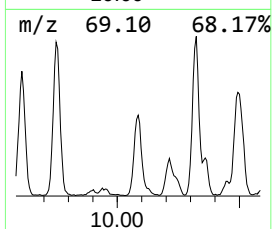
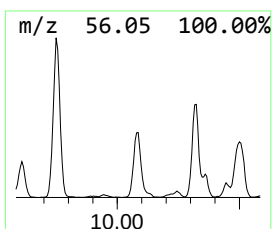
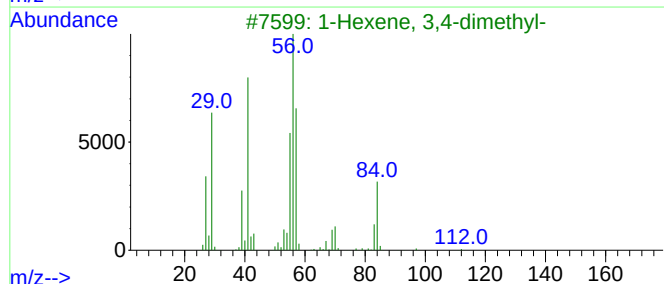
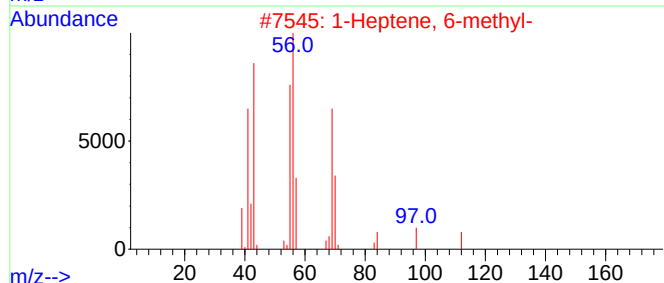
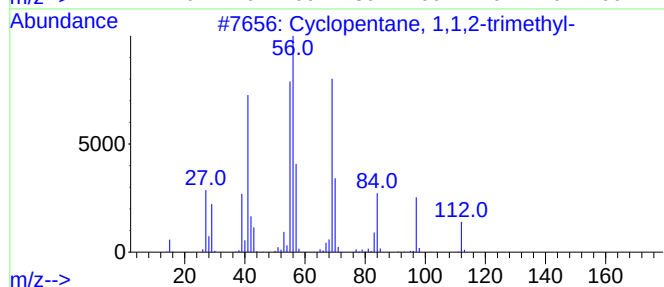
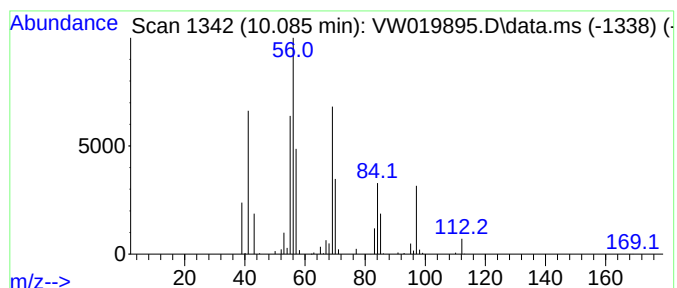
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic10.085 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.085	4.78 ug/L	178626	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	83
2		1-Heptene, 6-methyl-	112	C8H16	005026-76-6	58
3		1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	53
4		Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	50
5		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

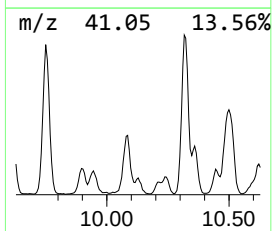
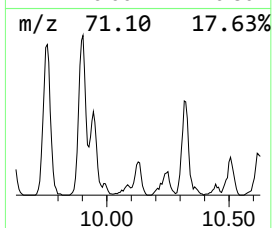
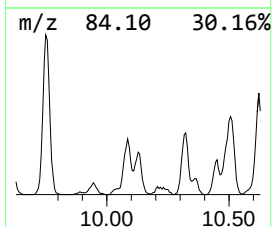
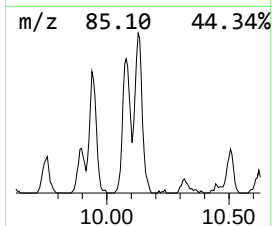
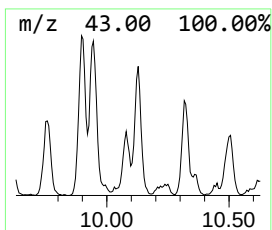
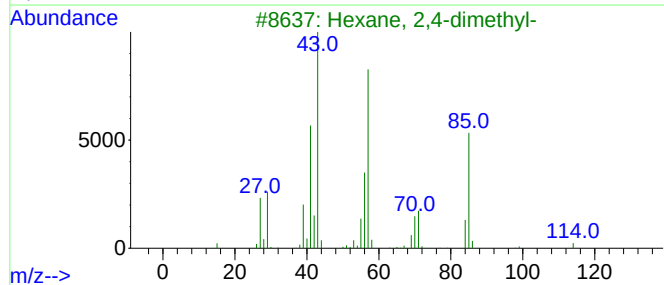
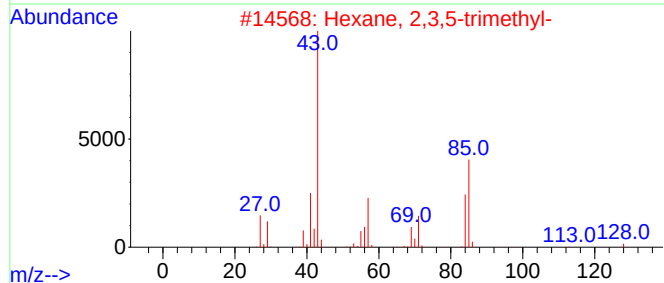
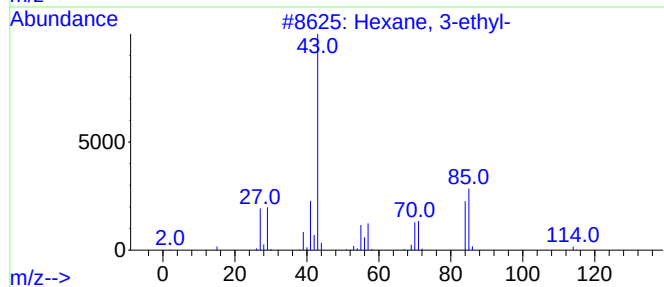
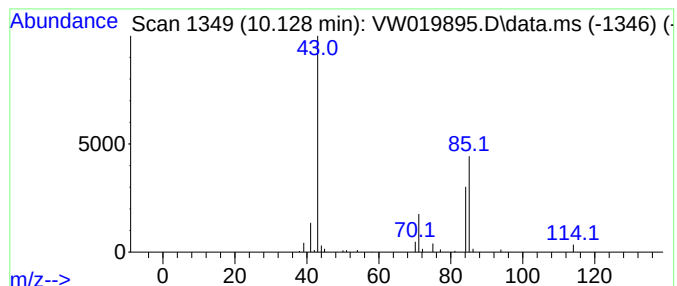
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	2.16 ug/L	80656	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	40
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	33
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

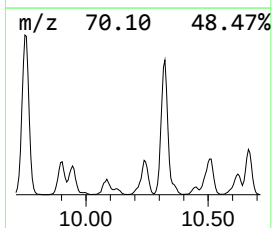
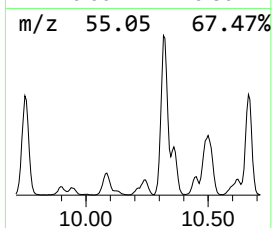
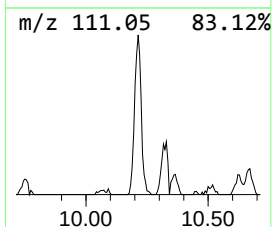
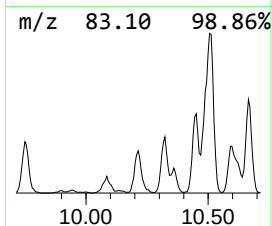
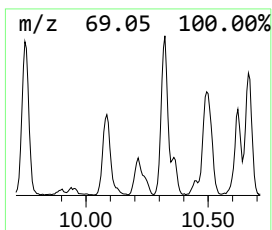
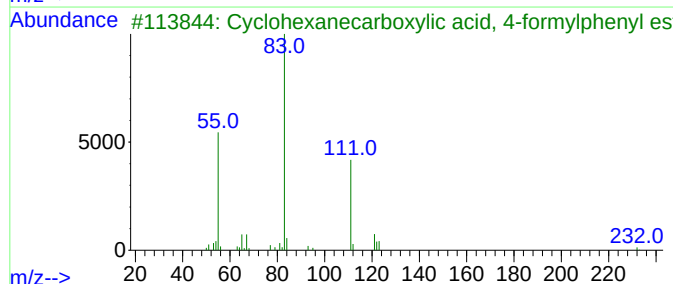
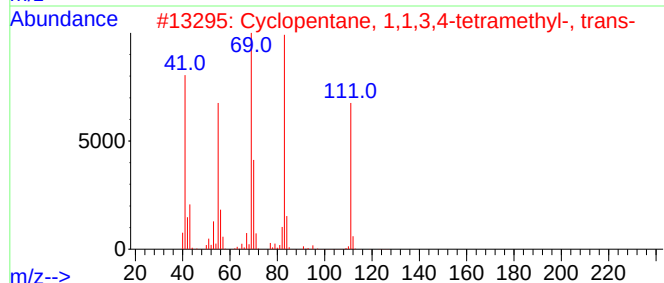
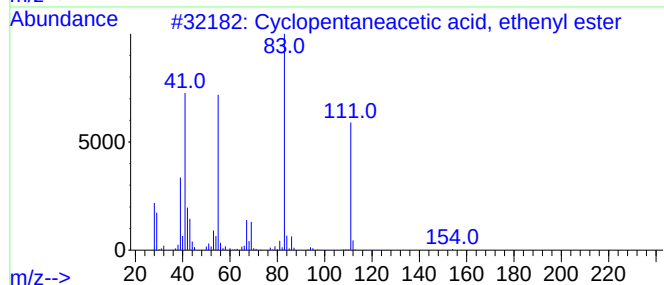
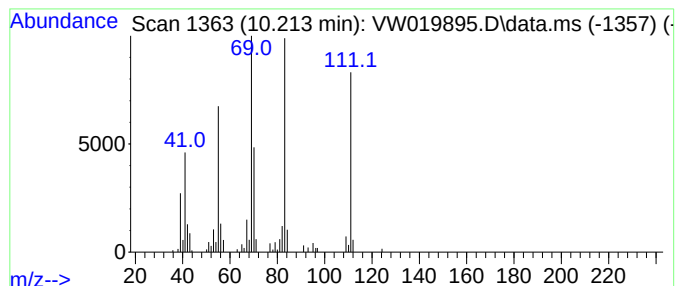
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	2.06 ug/L	76990	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	47
2			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43
3			Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	43
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
5			2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

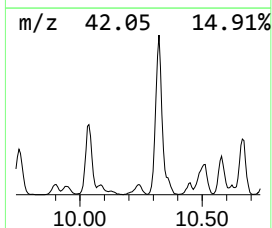
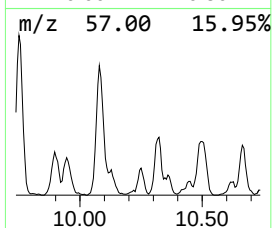
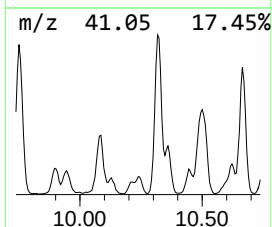
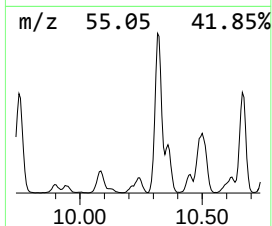
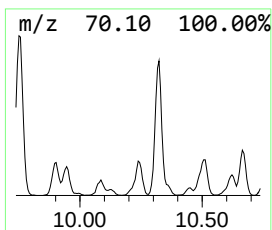
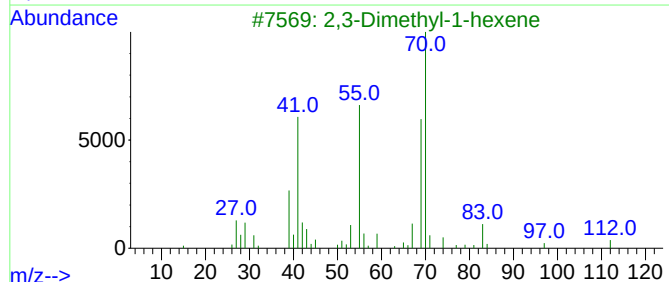
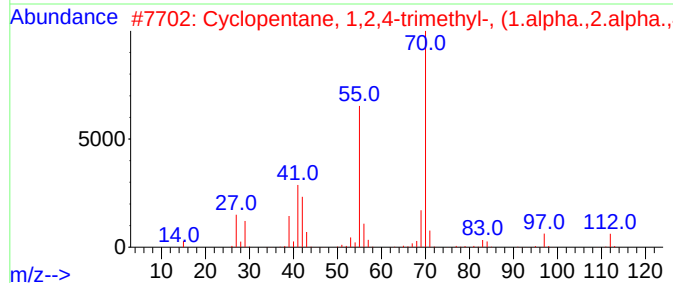
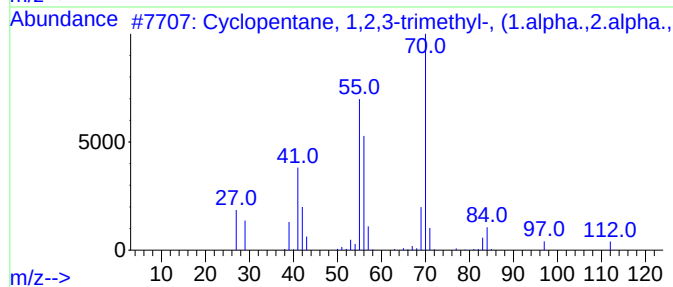
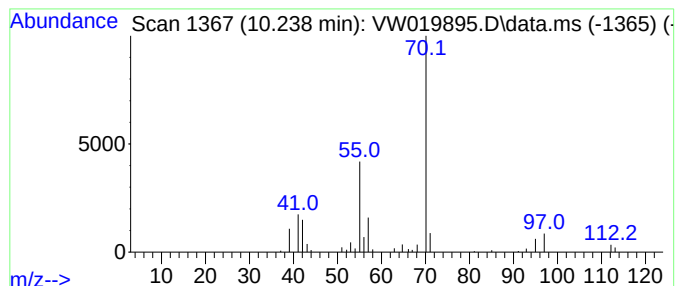
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic10.238 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.238	2.28 ug/L	85157	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	47
3			2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	45
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	40
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

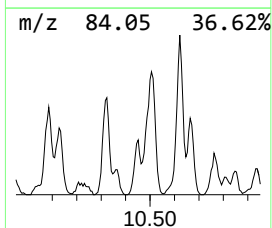
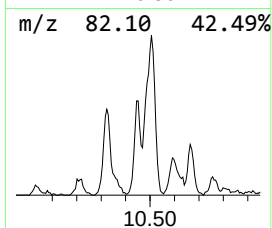
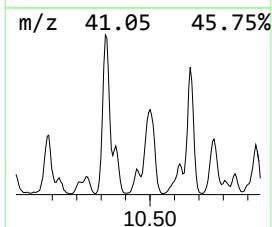
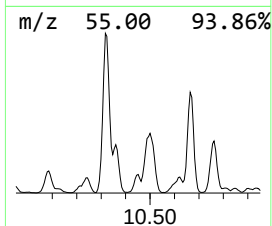
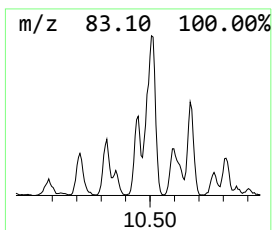
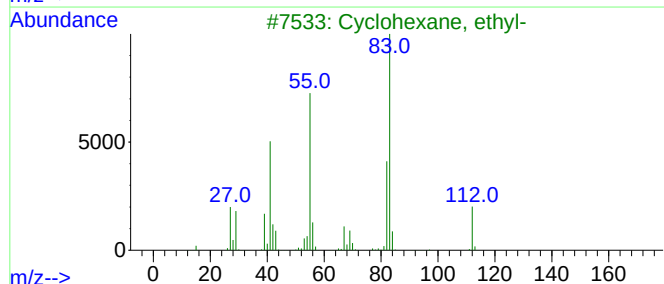
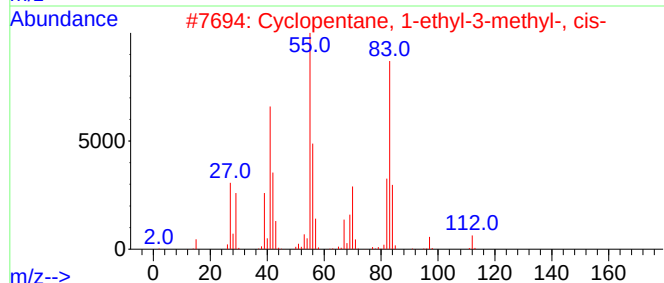
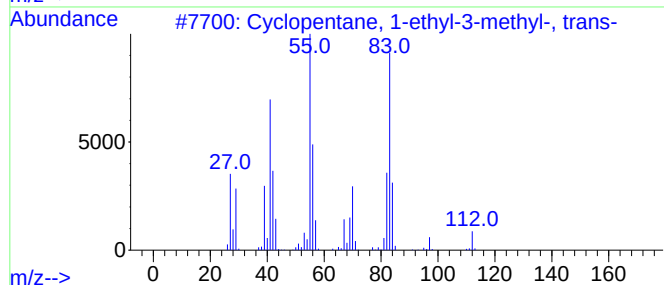
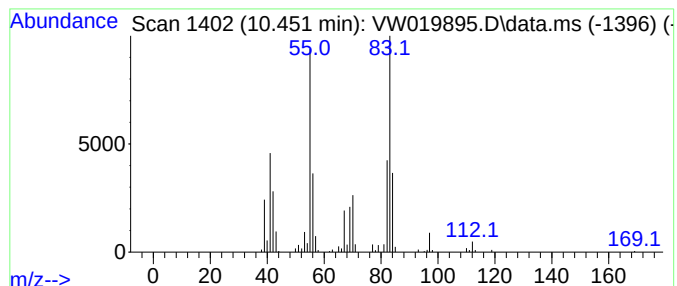
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic10.451 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	3.55 ug/L	110122	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	87
2			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	72
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5			1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

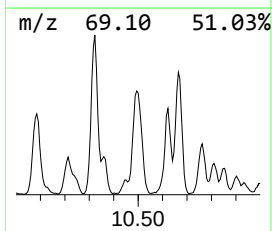
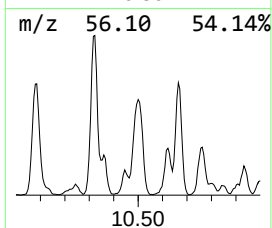
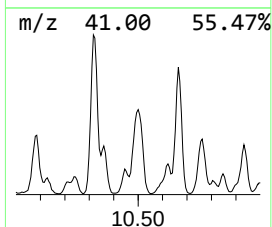
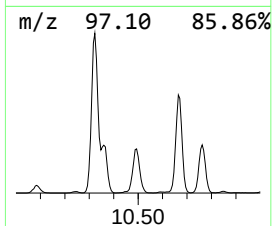
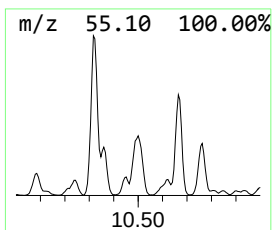
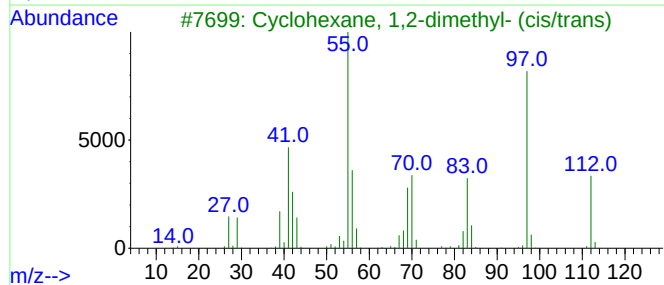
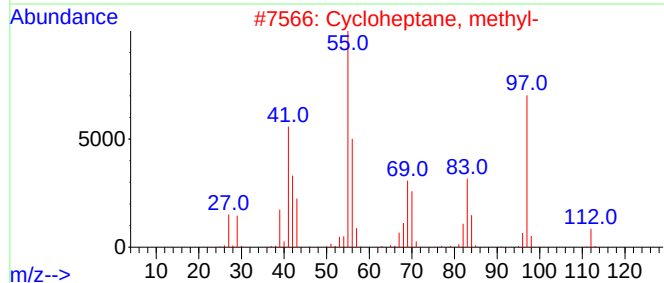
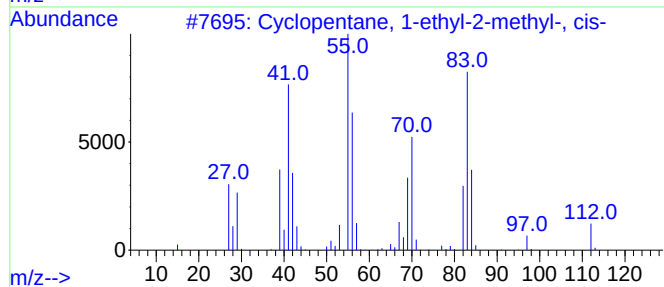
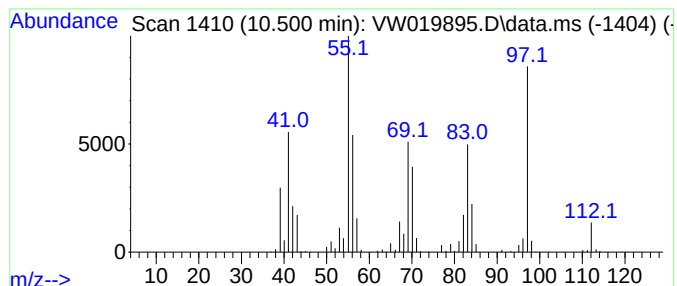
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic10.500 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	20.41 ug/L	633801	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	92
2			Cycloheptane, methyl-	112	C8H16	004126-78-7	91
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

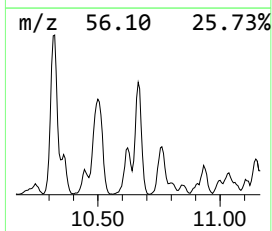
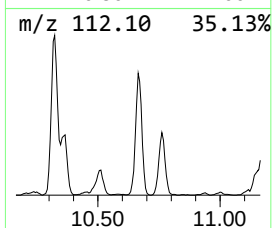
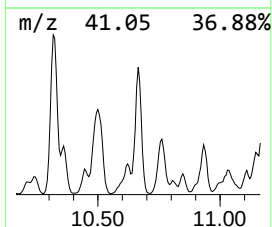
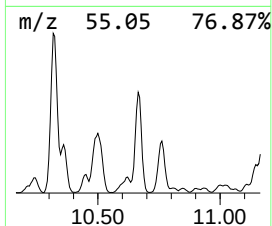
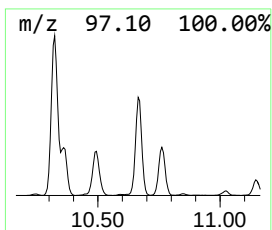
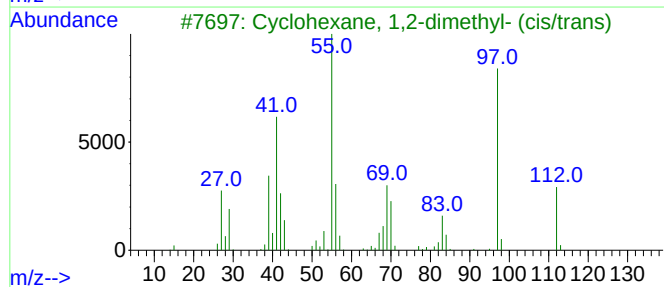
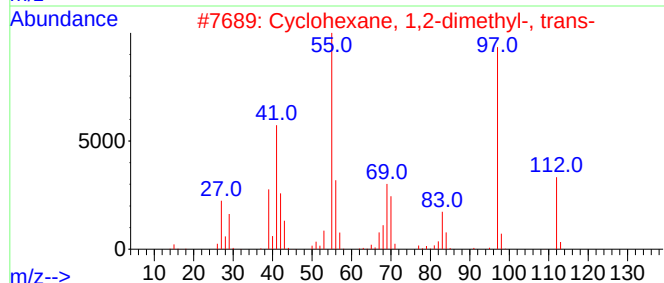
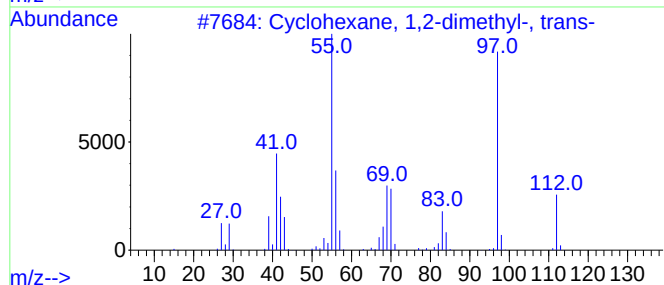
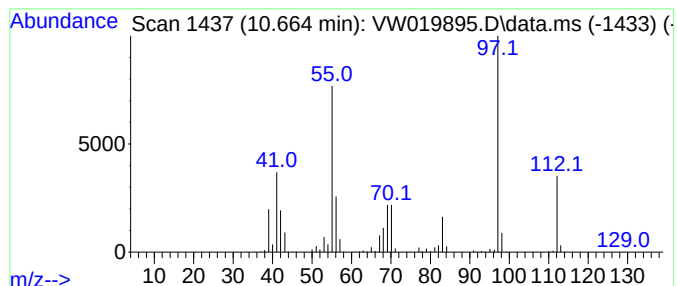
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic10.665 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	21.39 ug/L	664100	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

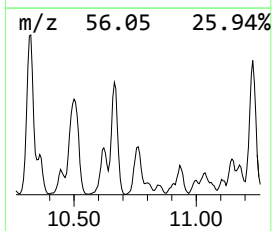
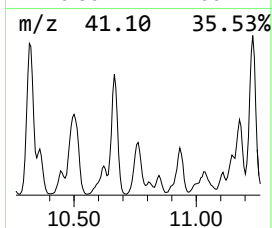
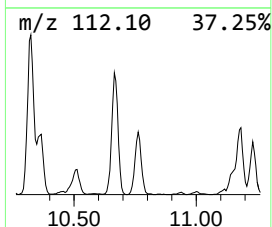
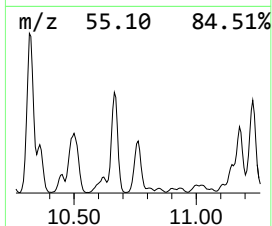
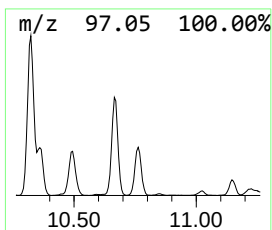
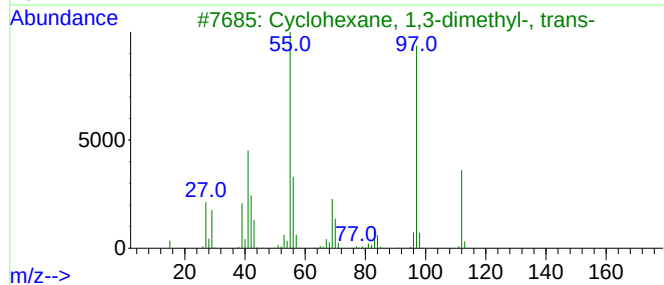
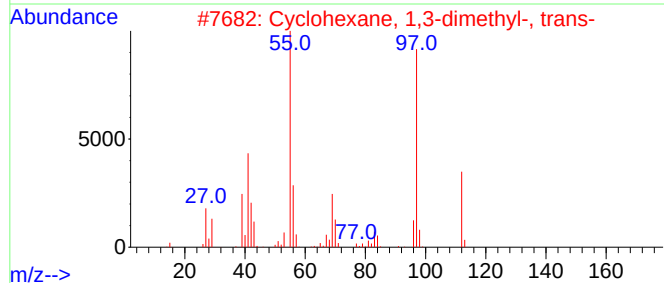
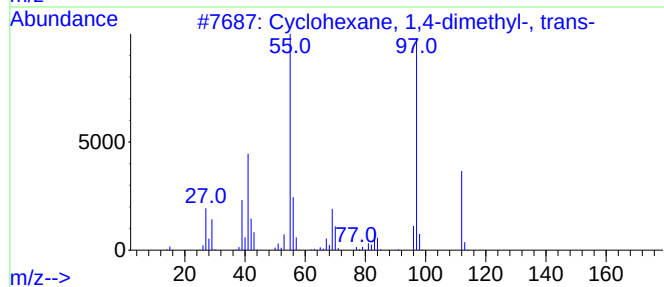
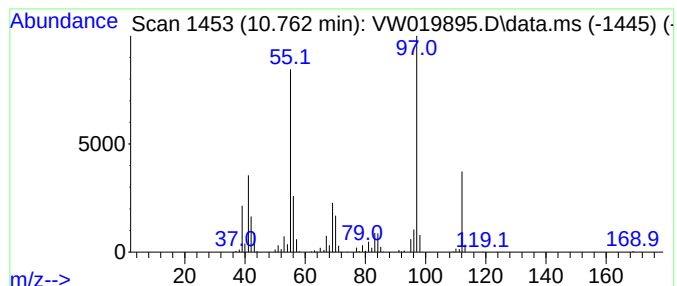
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic10.762 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	12.10 ug/L	375744	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

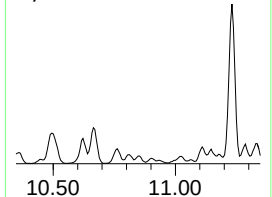
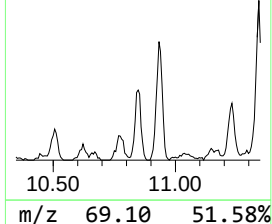
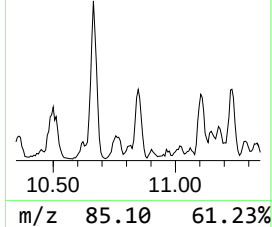
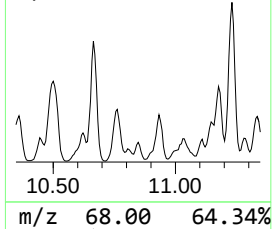
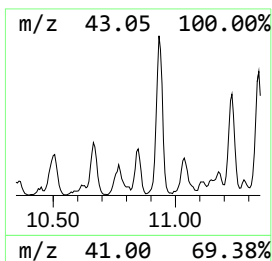
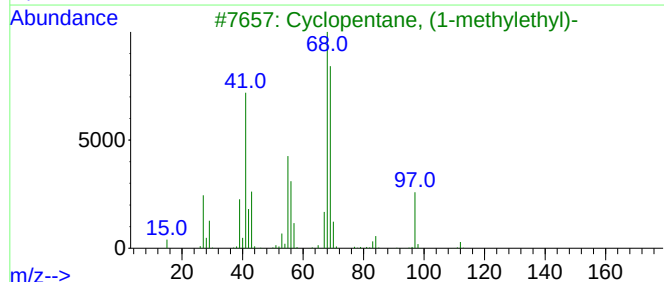
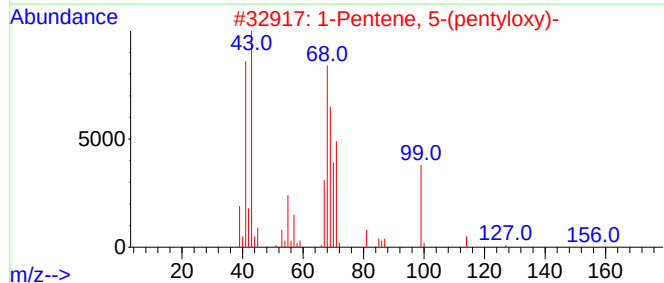
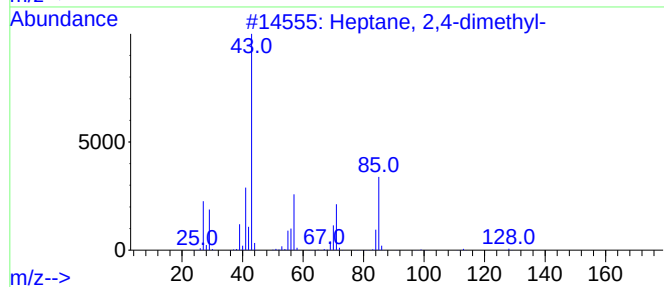
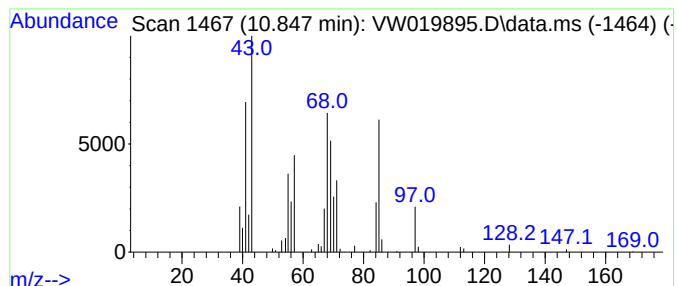
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	2.19 ug/L	68149	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
2		1-Pentene, 5-(pentyloxy)-	156	C10H20O	056052-88-1	38
3		Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	38
4		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	35
5		Octane, 4-methyl-	128	C9H20	002216-34-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

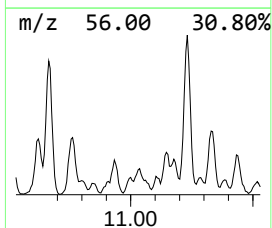
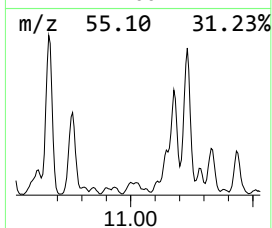
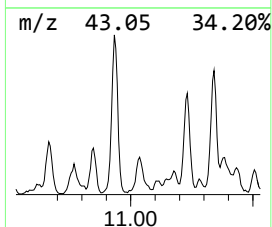
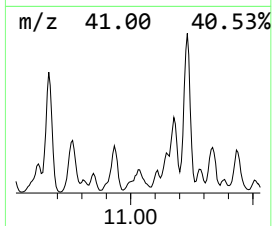
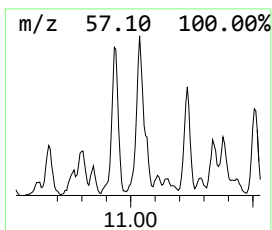
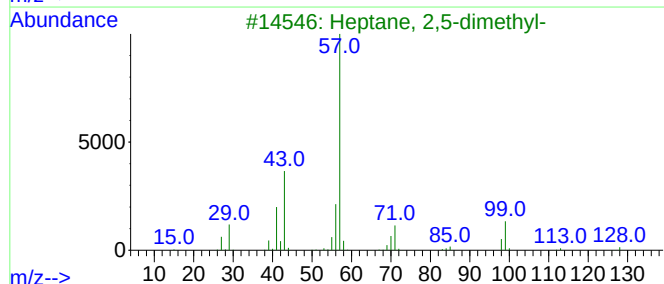
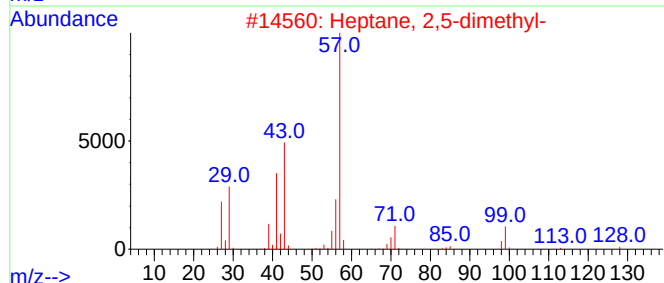
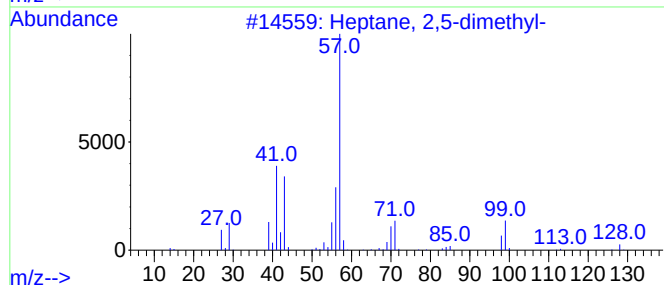
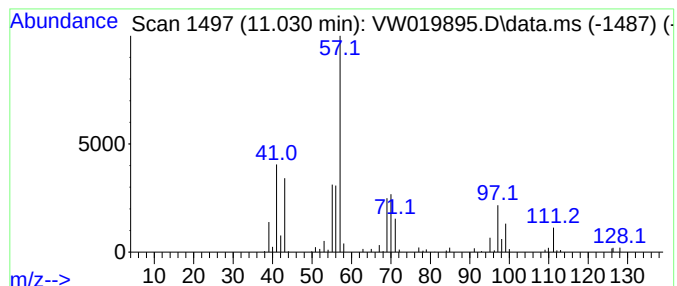
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	5.99 ug/L	186100	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	55
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	46
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	46
4		1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	43
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

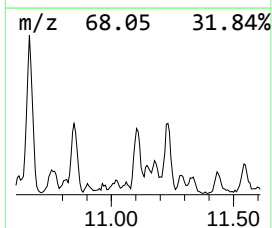
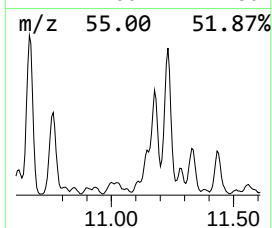
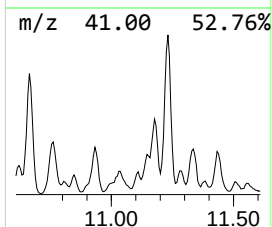
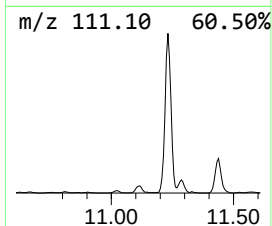
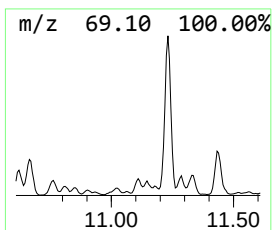
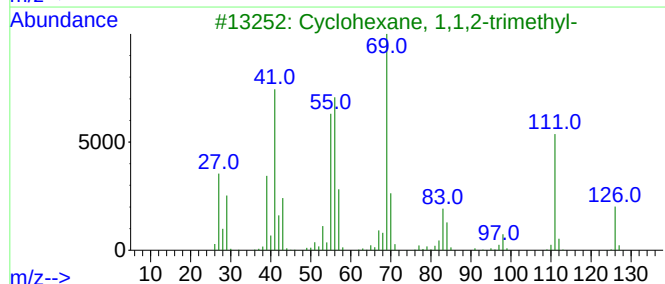
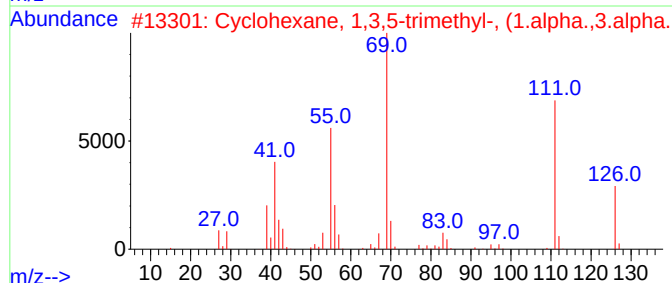
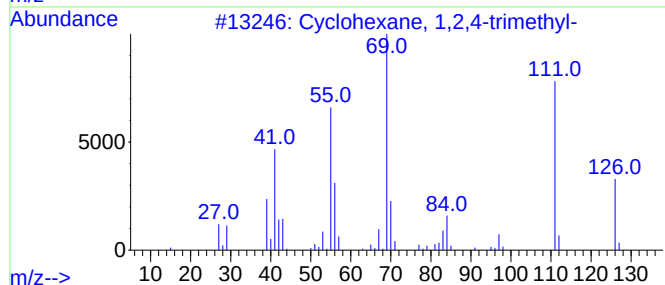
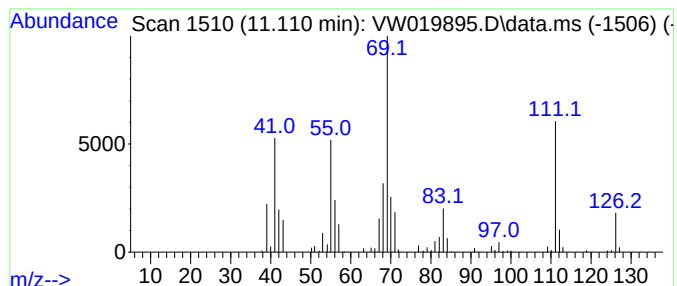
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic11.110 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	2.36 ug/L	73370	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
4			3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	58
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

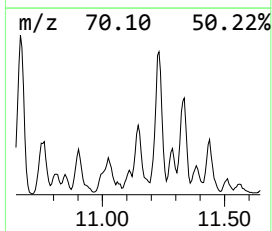
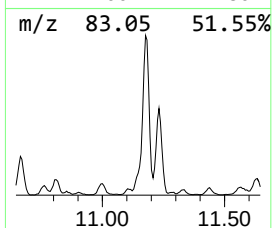
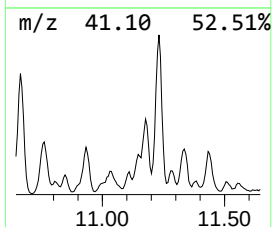
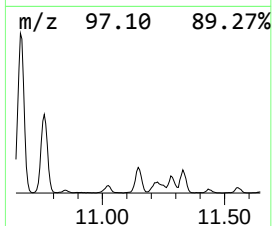
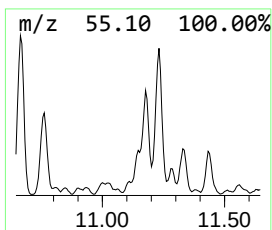
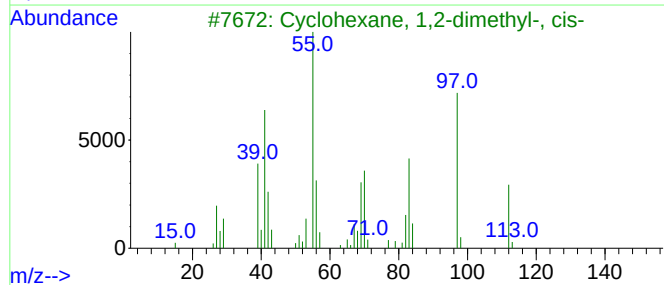
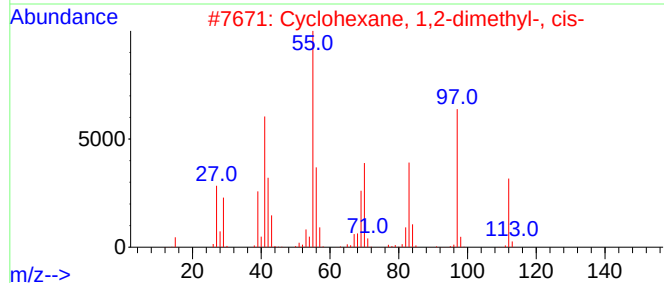
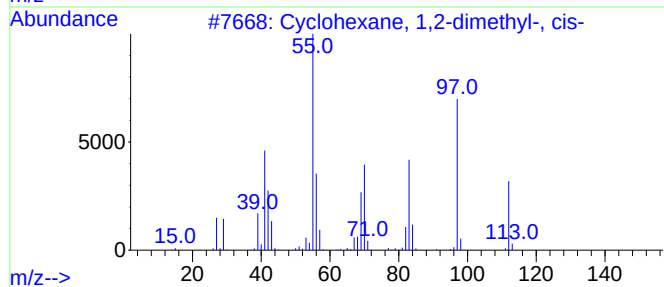
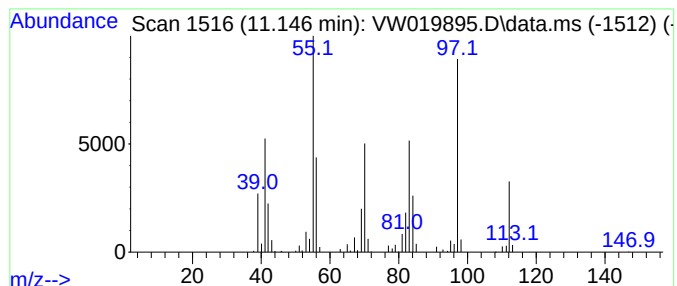
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.146 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	3.50 ug/L	108588	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
2			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
3			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
4			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	72
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

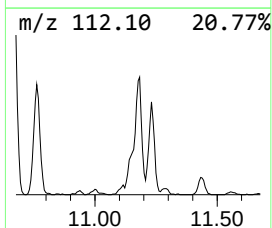
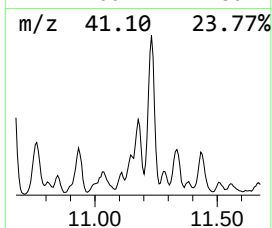
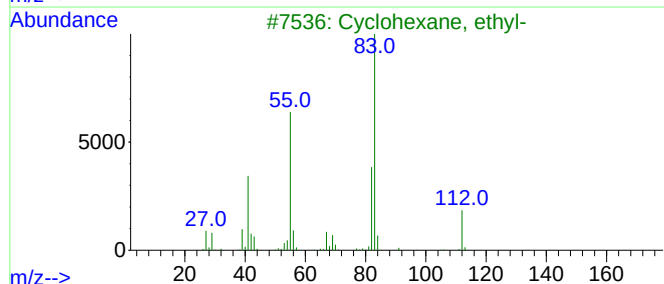
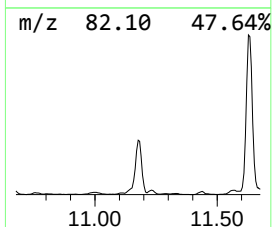
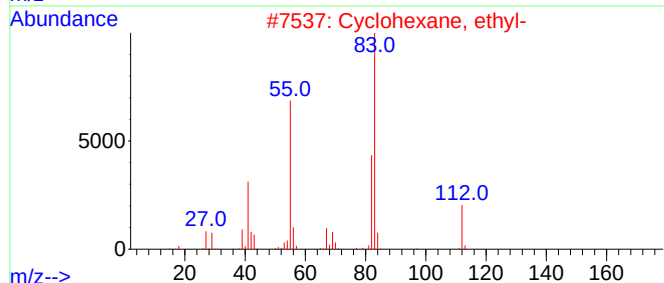
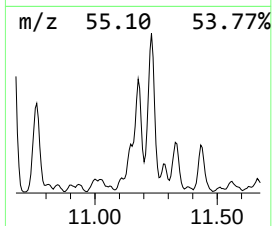
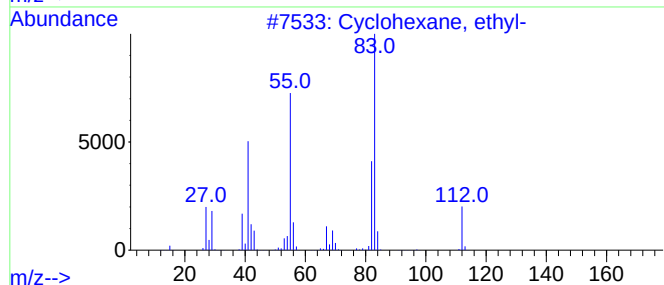
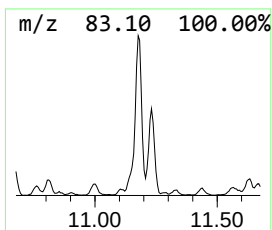
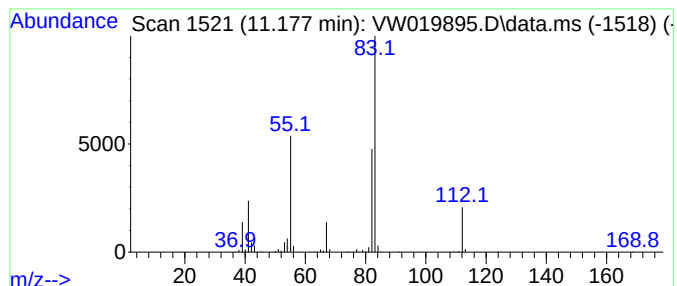
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic11.177 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	7.23 ug/L	224469	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

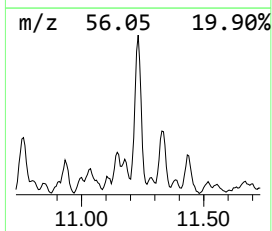
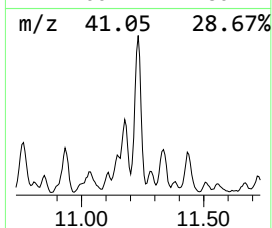
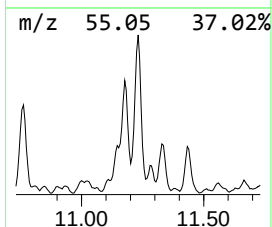
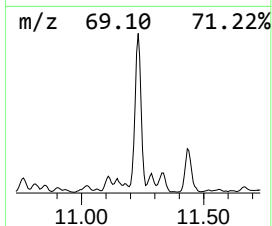
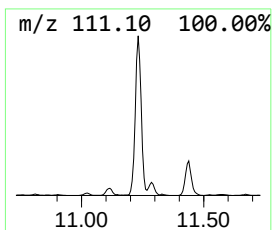
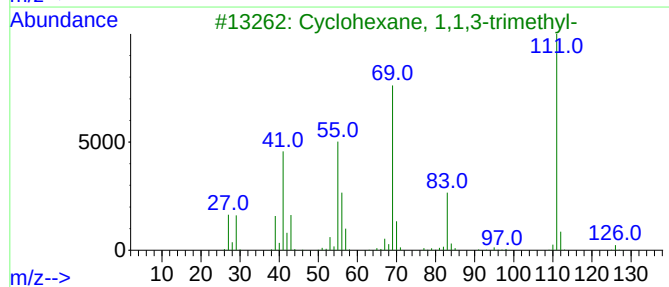
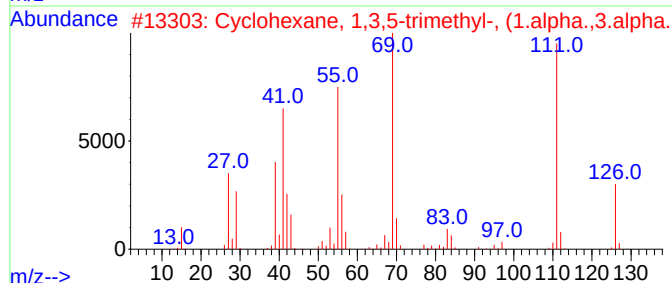
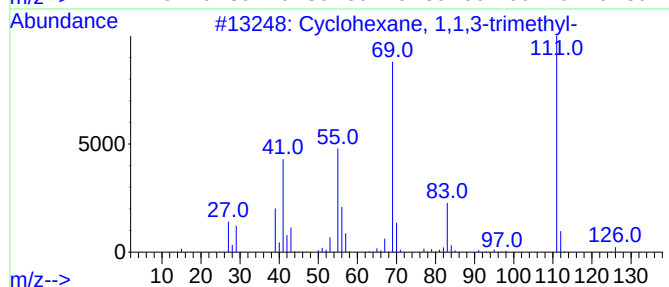
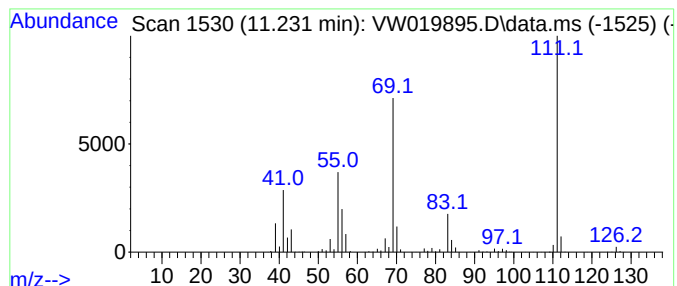
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic11.232 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	27.61 ug/L	857485	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

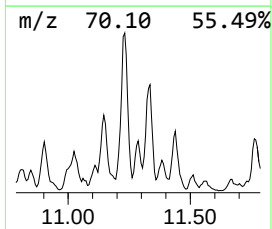
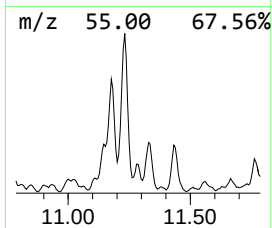
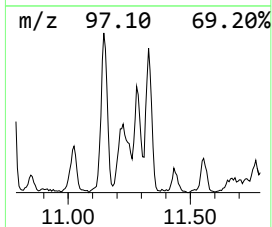
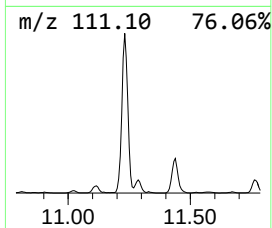
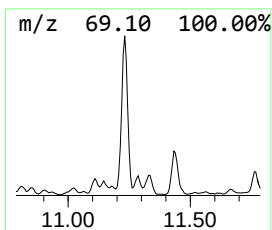
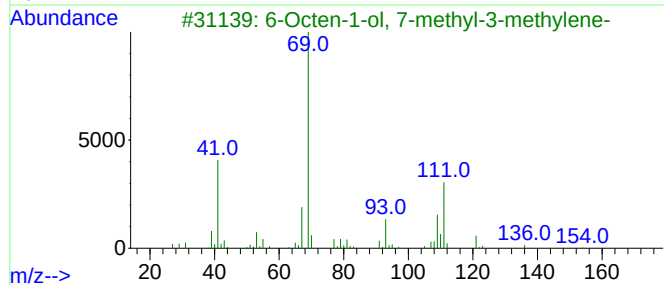
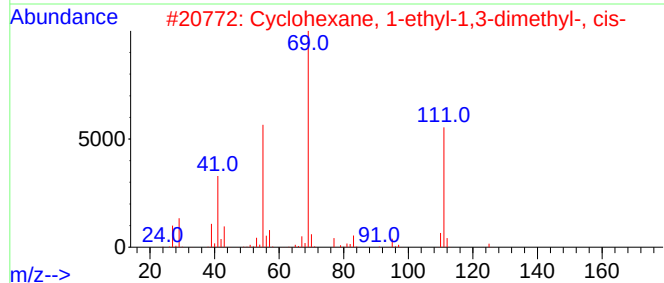
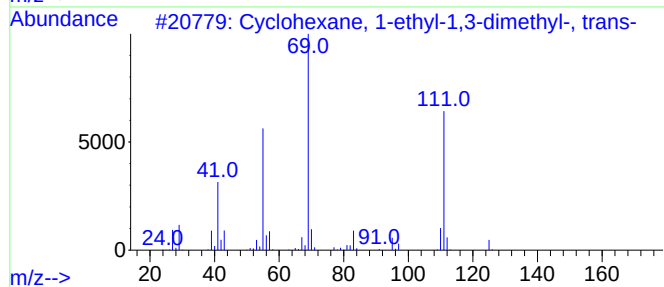
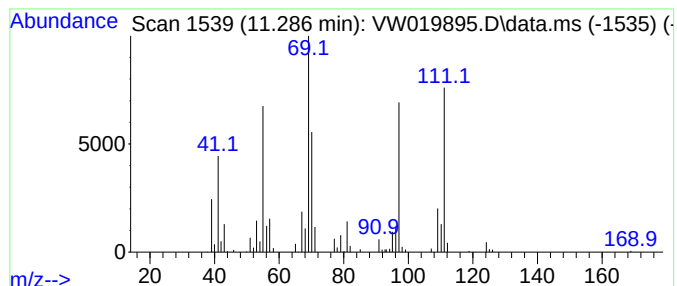
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic11.286 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.82 ug/L	56587	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	50
2			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	47
3			6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	47
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	47
5			Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

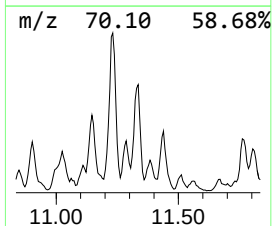
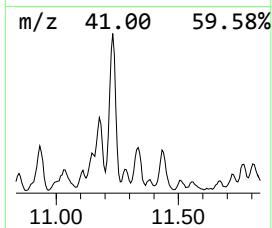
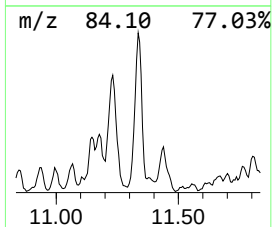
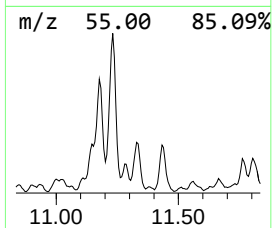
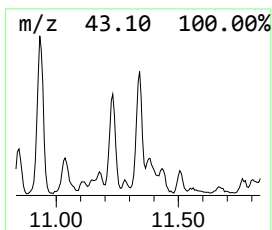
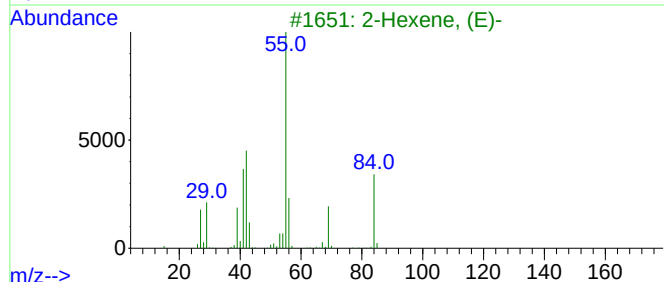
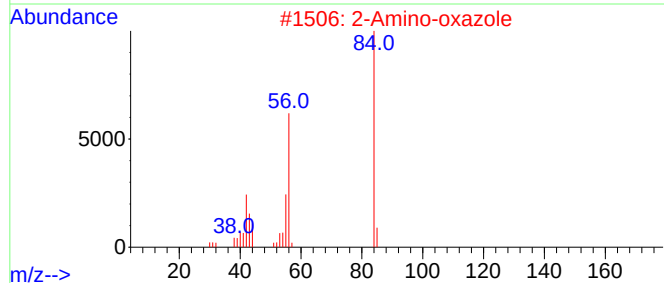
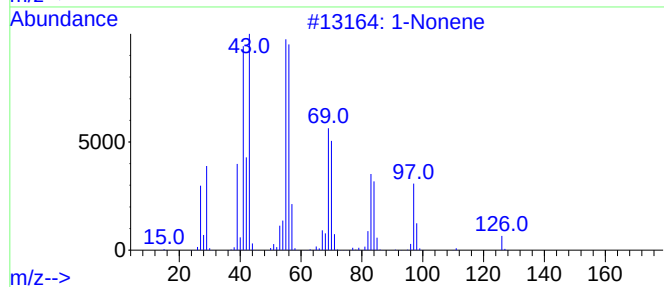
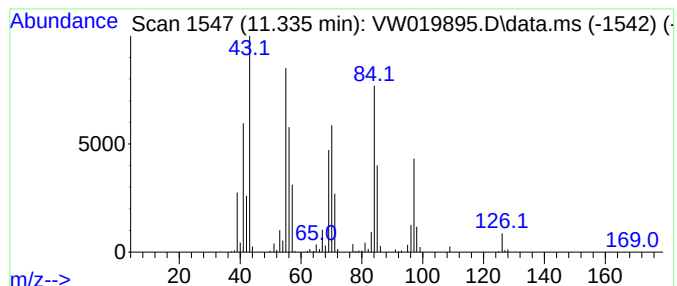
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.335	7.62 ug/L	236580	Chlorobenzene-d5			11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Nonene	126	C9H18	000124-11-8	38
2		2-Amino-oxazole	84	C3H4N2O	004570-45-0	35
3		2-Hexene, (E)-	84	C6H12	004050-45-7	30
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30
5		Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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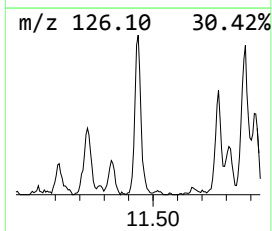
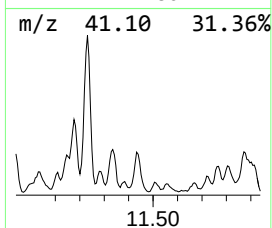
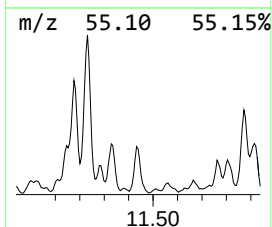
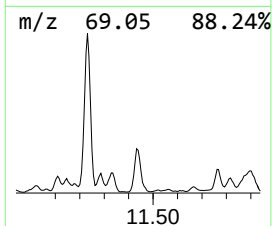
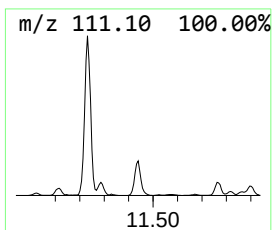
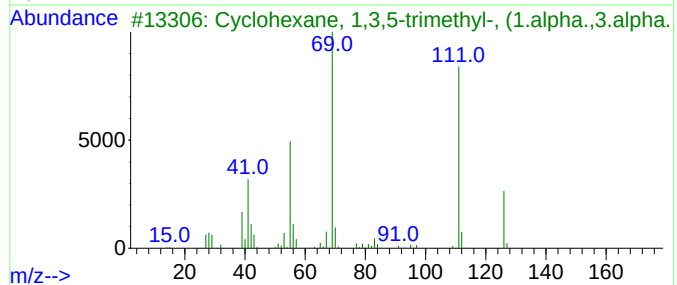
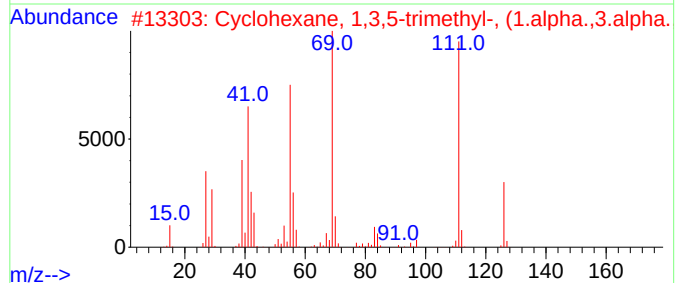
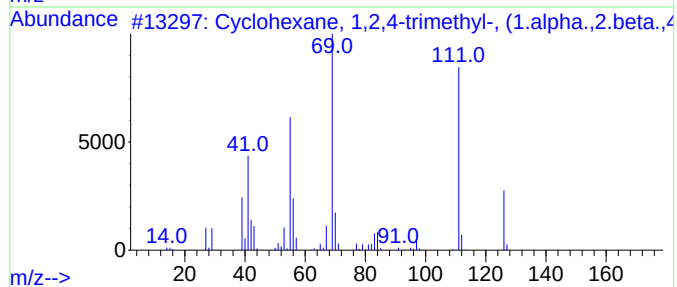
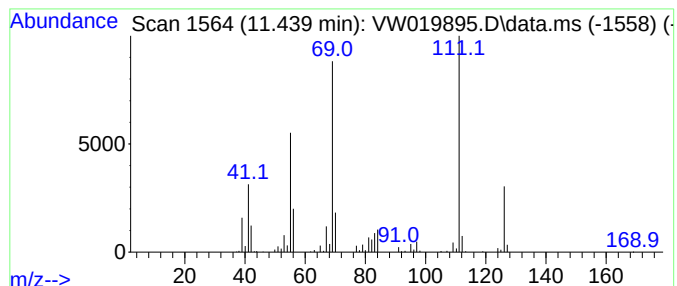
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic11.439 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	8.22 ug/L	255196	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

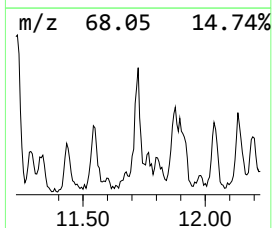
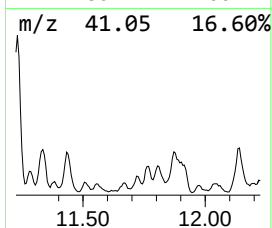
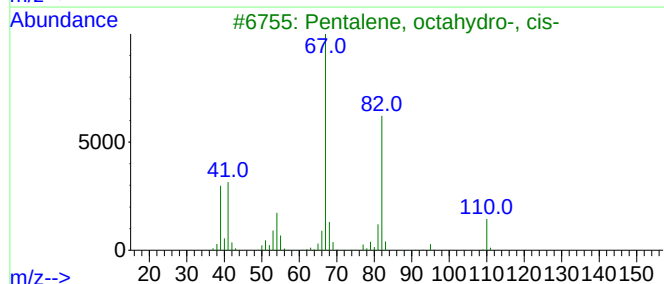
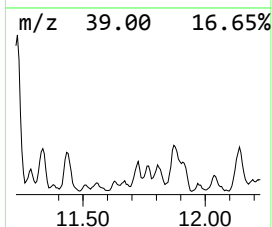
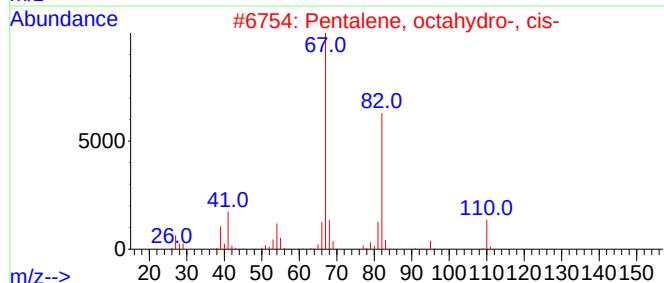
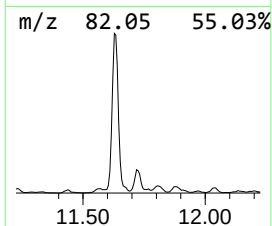
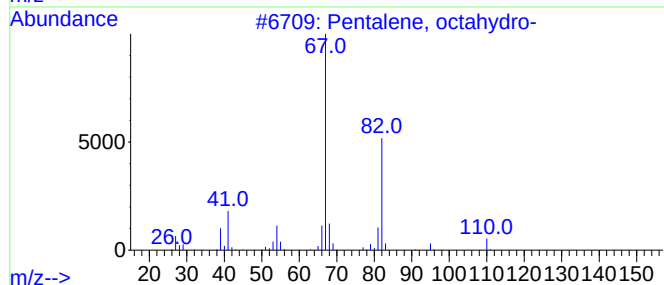
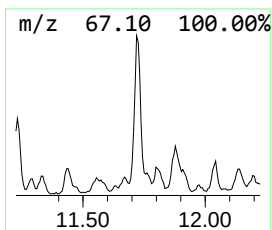
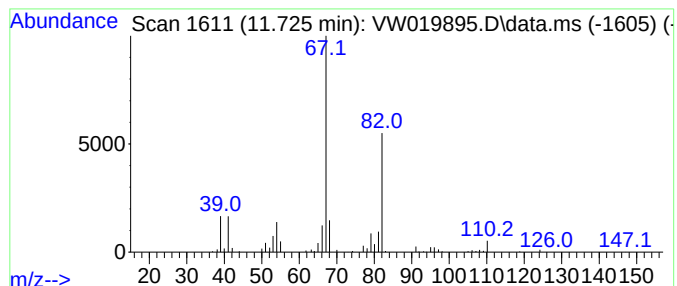
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Pentalene, octahydro- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	2.99 ug/L	92887	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	91
2			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
3			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
4			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	83
5			Pentalene, octahydro-	110	C8H14	000694-72-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

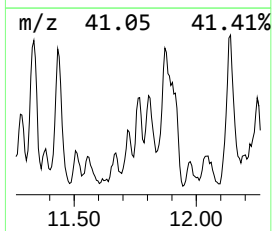
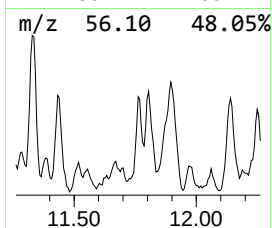
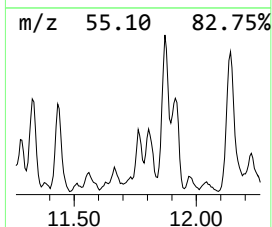
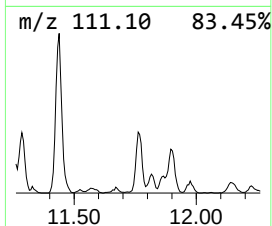
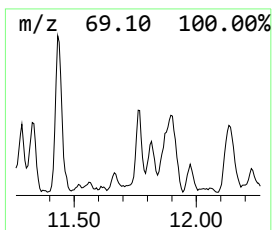
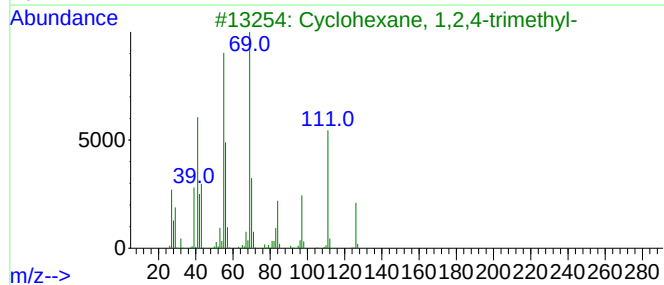
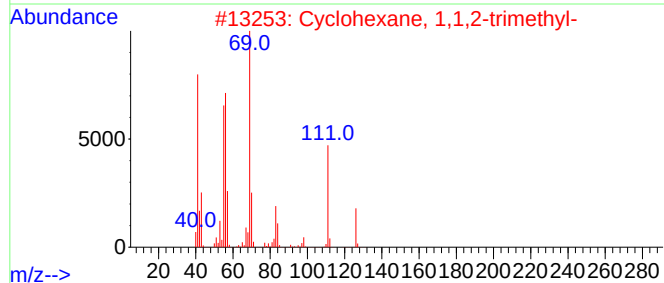
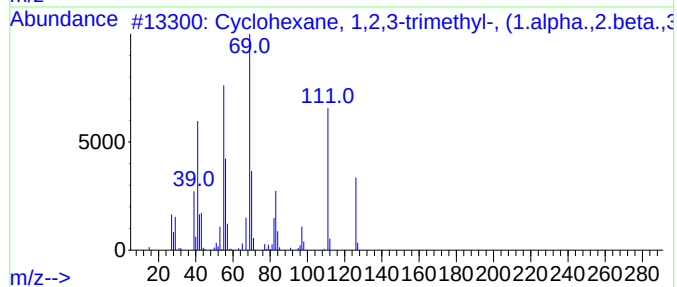
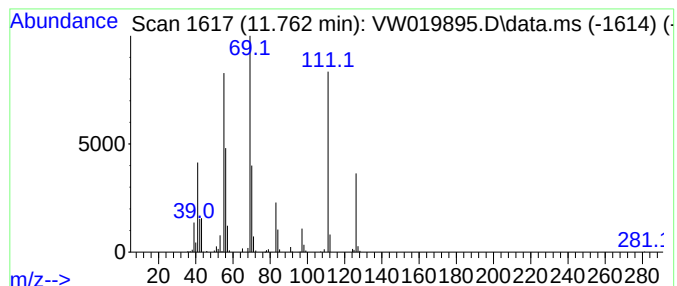
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic11.762 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.762	2.64 ug/L	81989	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

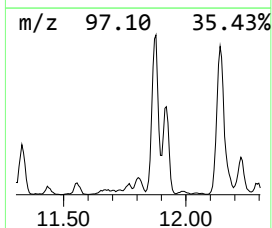
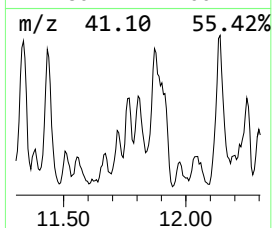
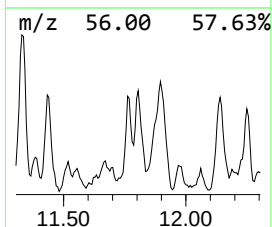
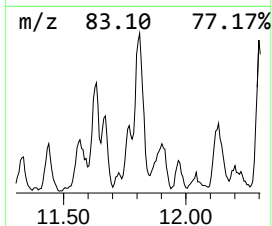
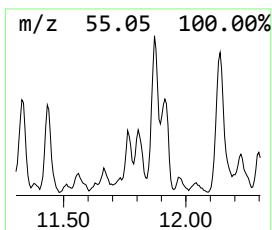
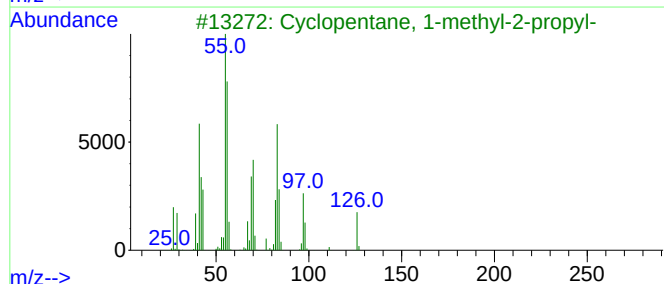
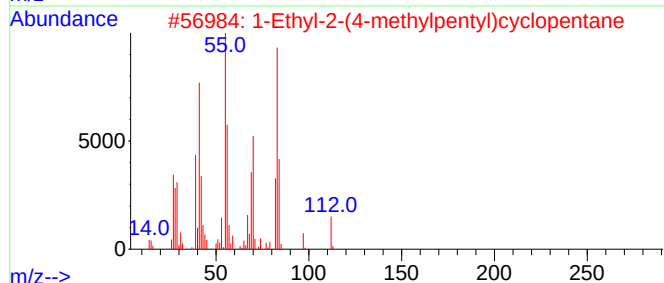
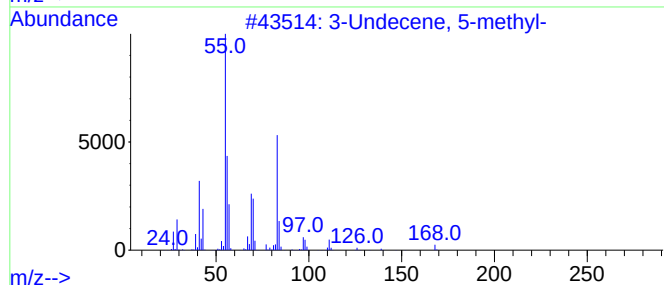
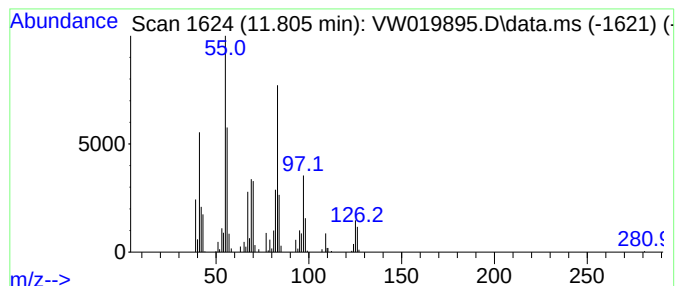
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.805	3.17 ug/L	98463	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	59	
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	50	
3	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46	
4	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43	
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

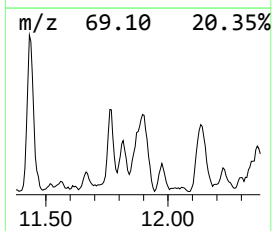
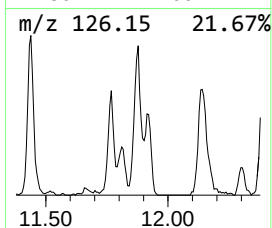
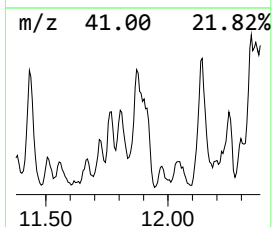
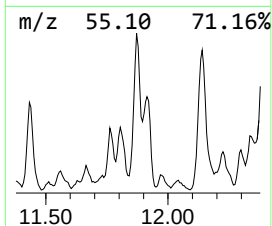
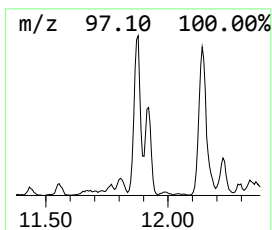
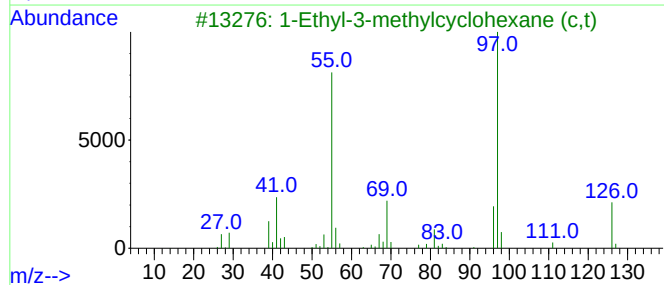
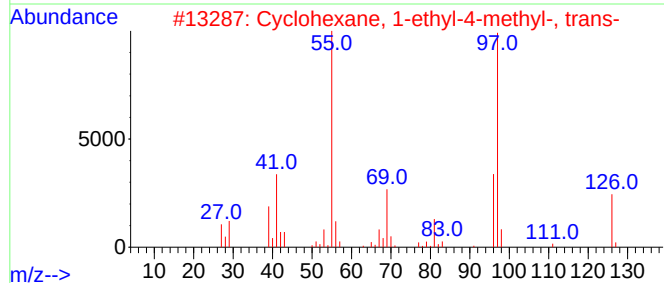
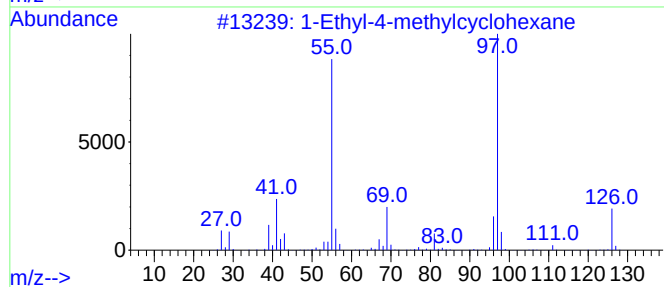
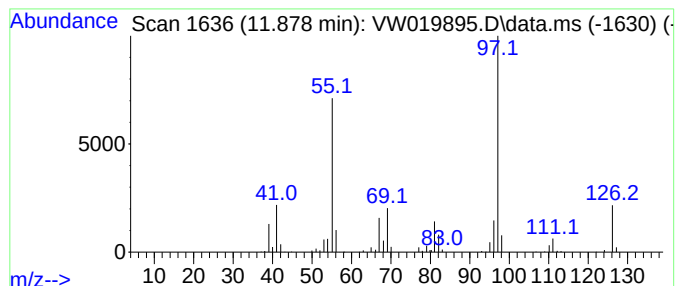
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic11.878 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	8.89 ug/L	276044	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

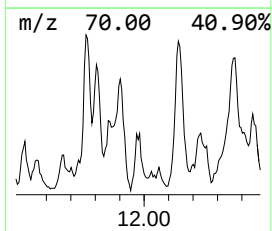
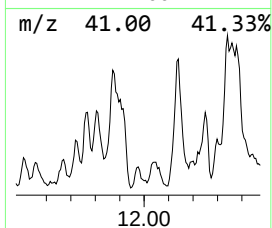
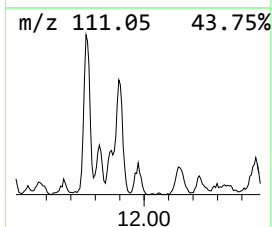
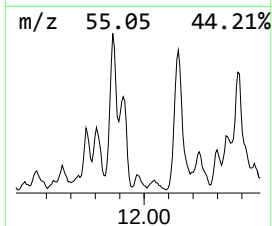
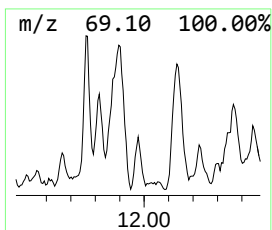
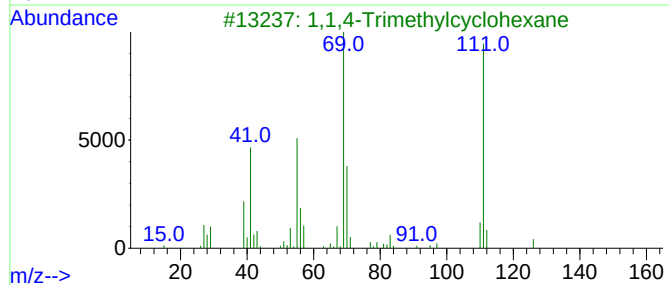
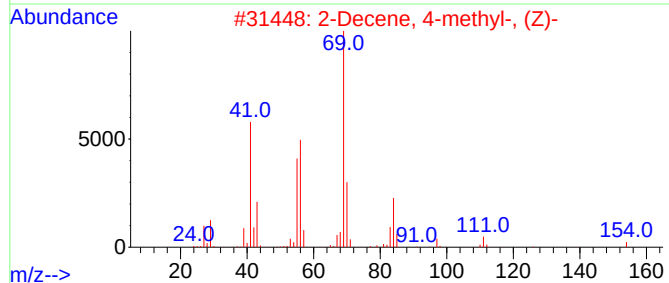
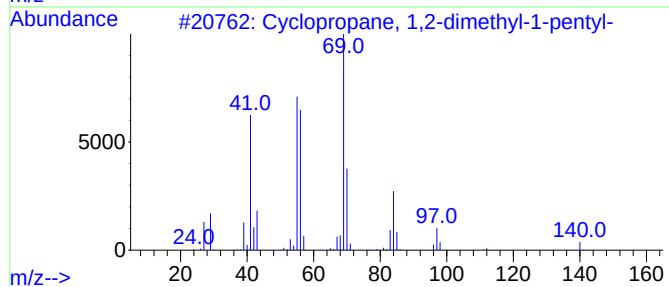
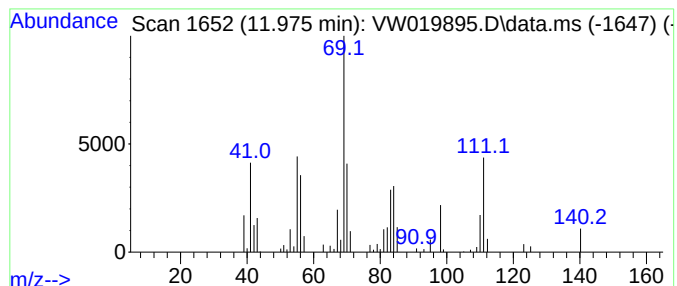
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic11.975 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	1.58 ug/L	49168	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	50
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
4			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW7C2

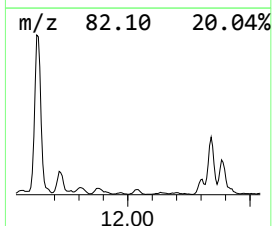
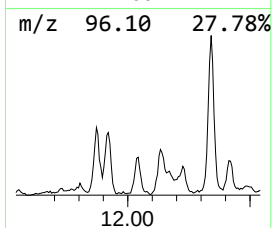
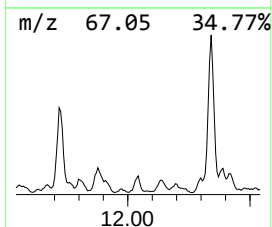
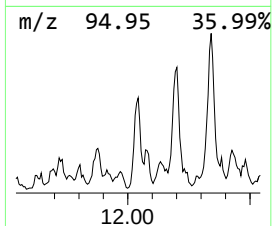
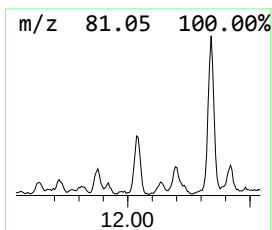
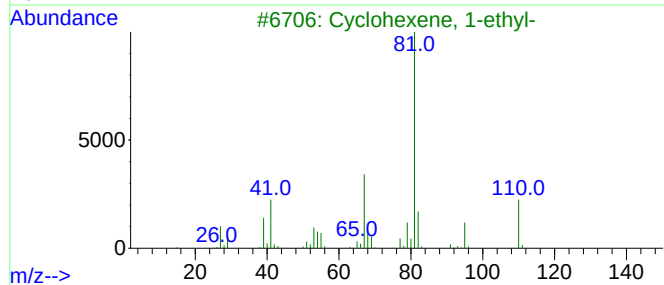
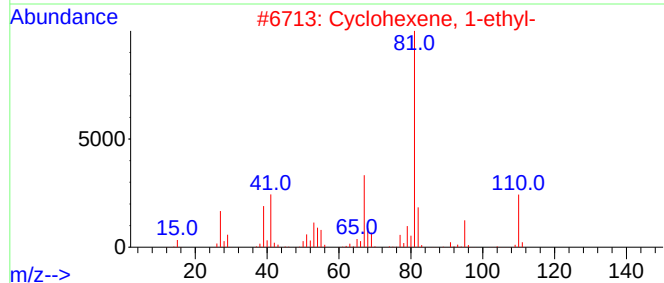
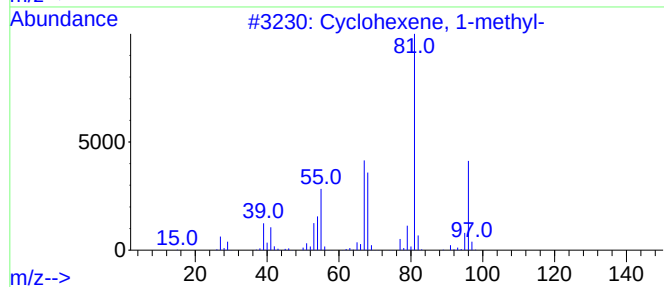
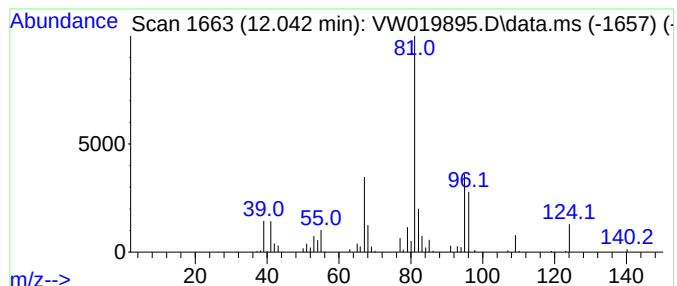
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Cyclohexene, 1-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.042	3.37 ug/L	104786	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	62
2			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	53
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	53
4			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	53
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

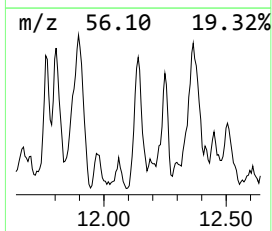
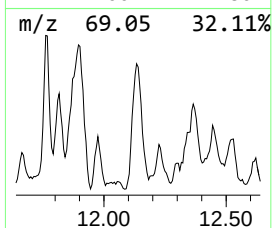
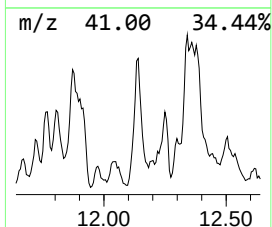
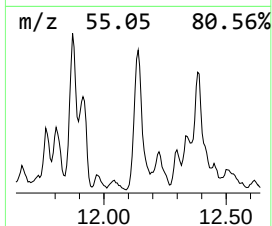
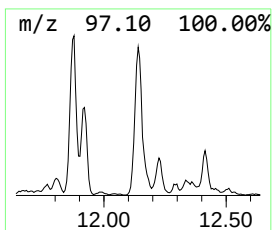
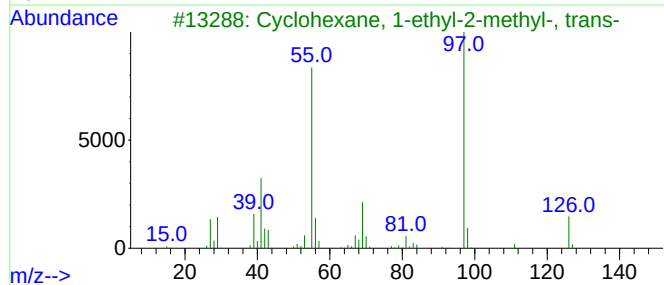
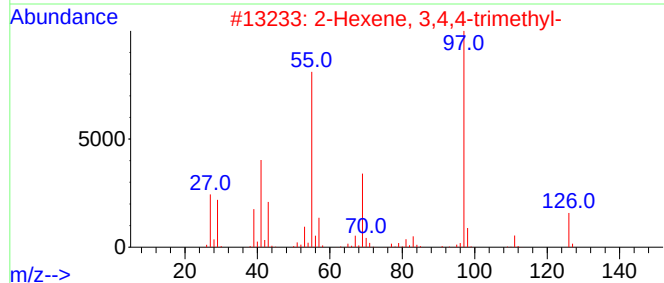
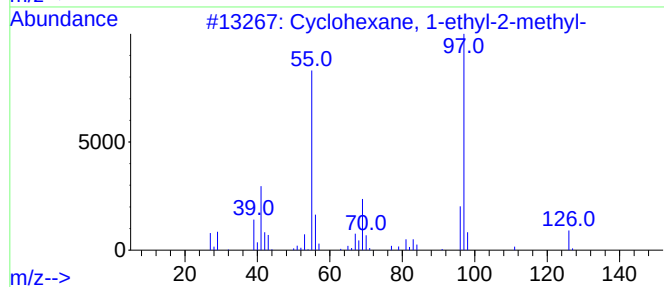
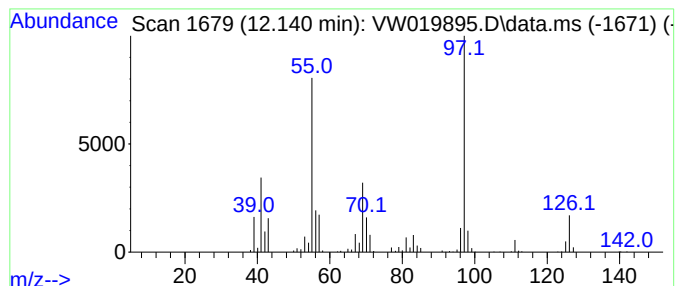
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic12.140 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	11.65 ug/L	361664	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	81
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

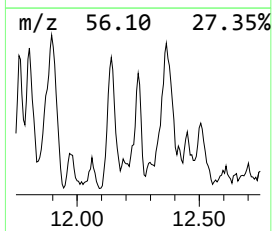
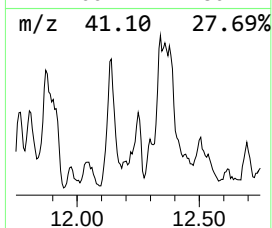
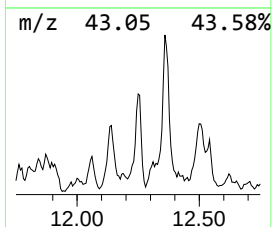
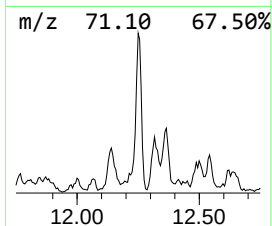
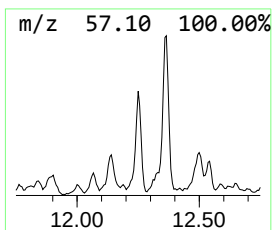
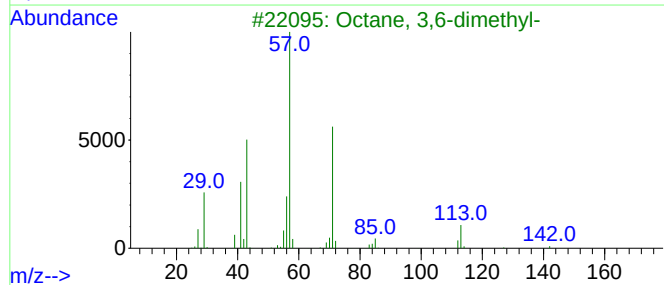
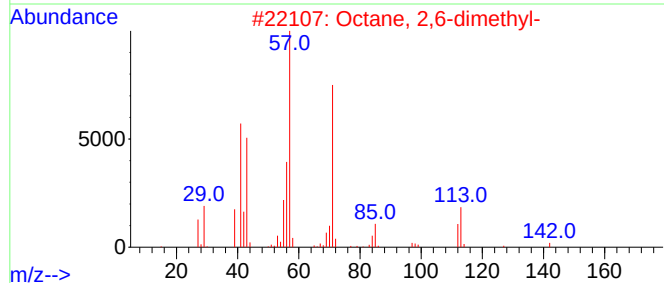
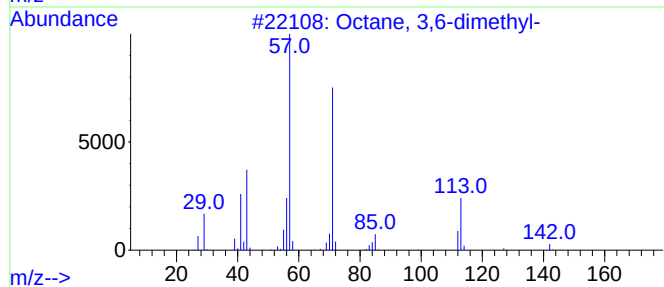
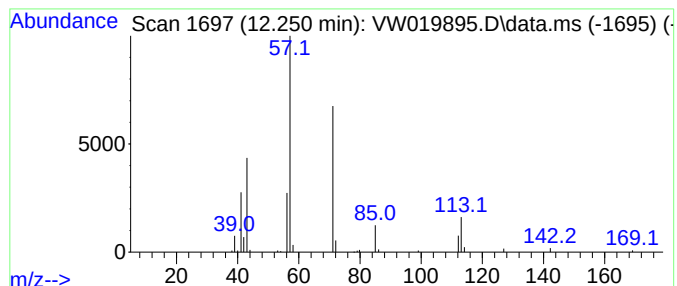
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	2.46 ug/L	76344	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

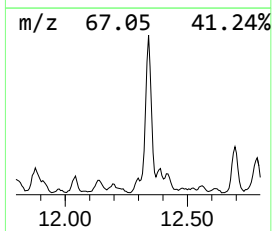
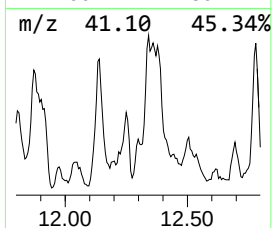
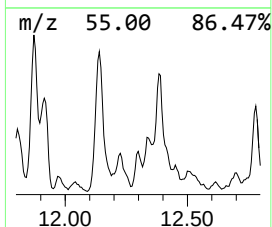
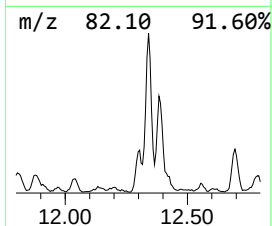
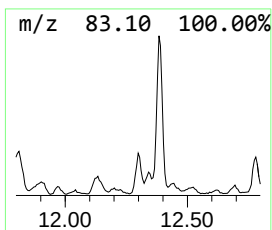
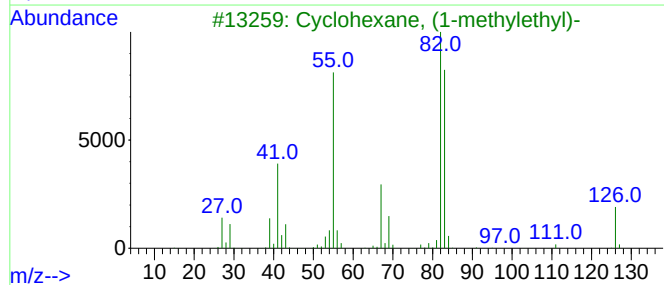
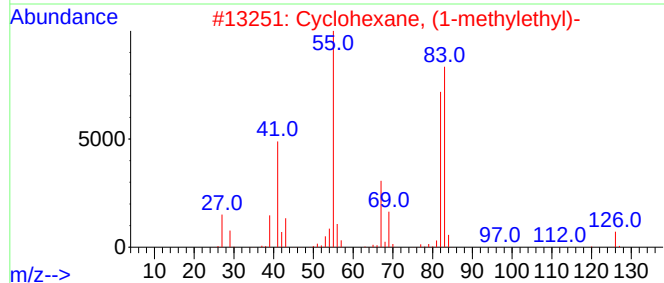
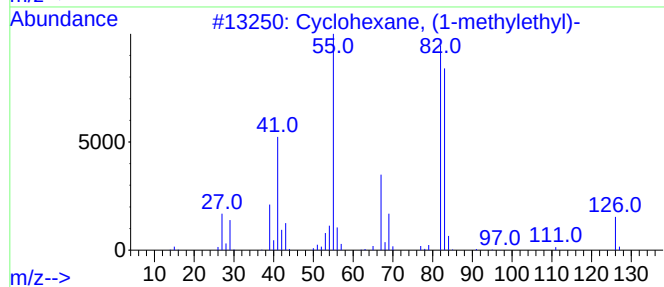
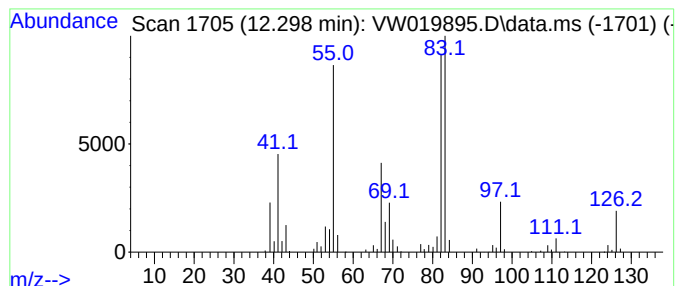
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Cyclic12.298 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	2.14 ug/L	66447	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

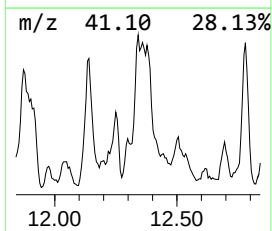
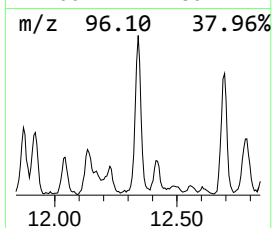
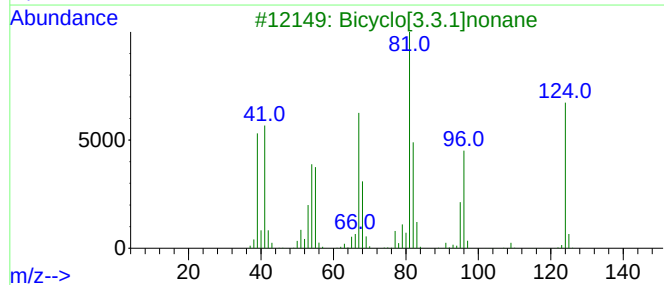
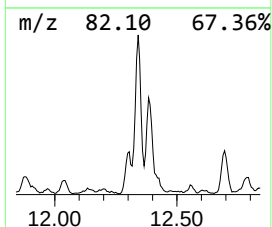
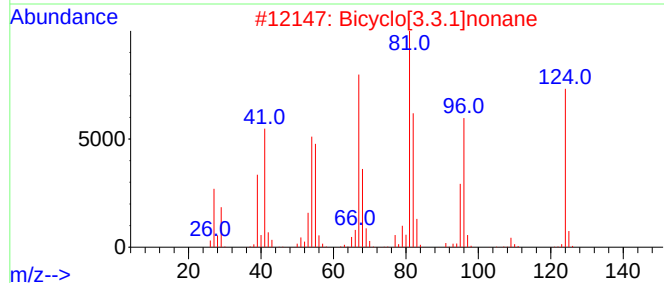
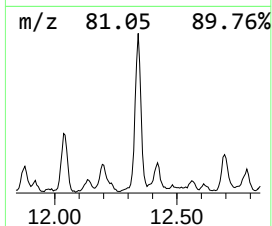
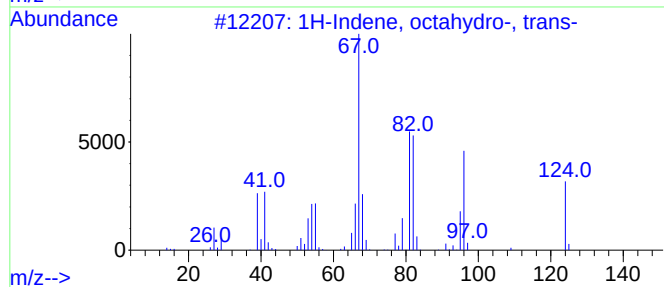
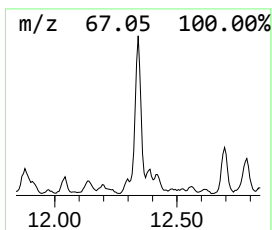
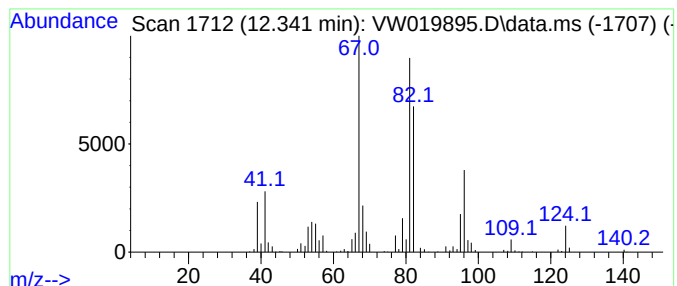
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 1H-Indene, octahydro-, trans- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.341	13.30 ug/L	413156	Chlorobenzene-d5		11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	70
2		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	64
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	62
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
5		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

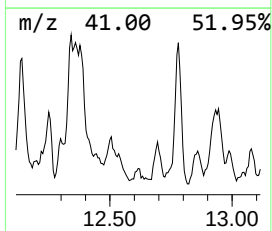
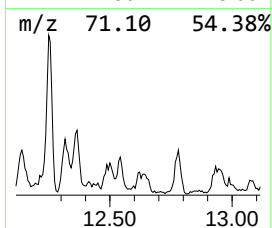
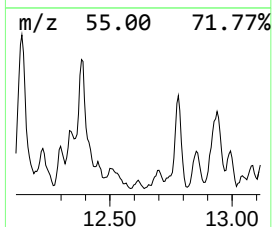
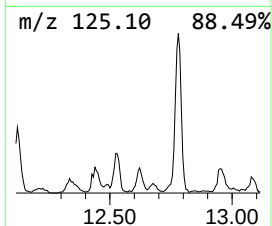
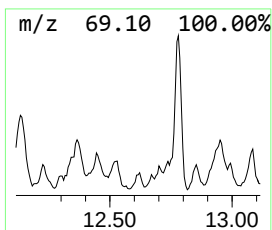
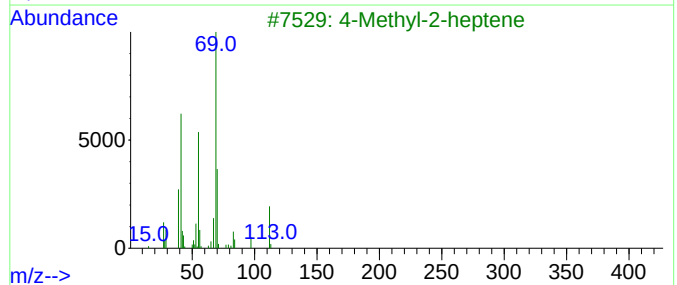
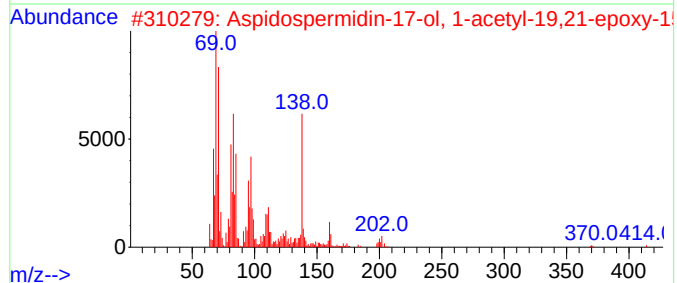
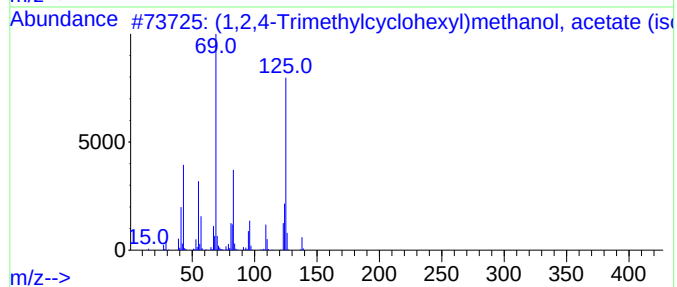
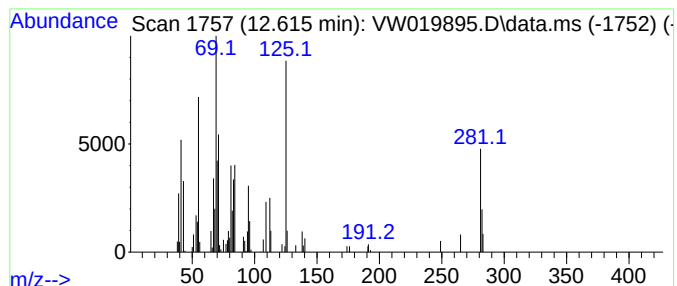
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	2.21 ug/L	32020	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	35
2			Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	27
3			4-Methyl-2-heptene	112	C8H16	003404-56-6	25
4			2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	25
5			1,6-Heptadiene, 3,3-dimethyl-	124	C9H16	068701-61-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

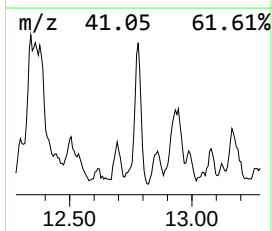
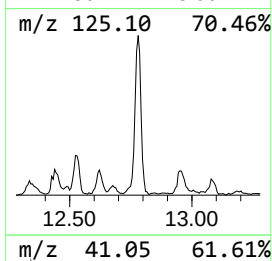
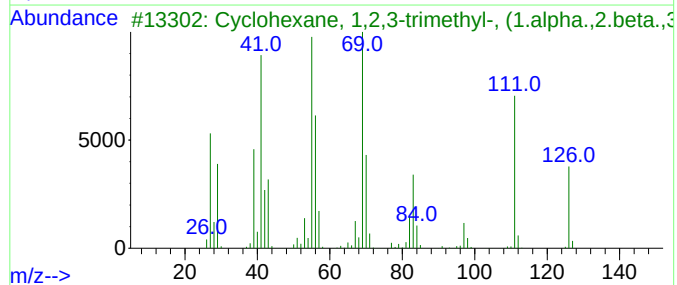
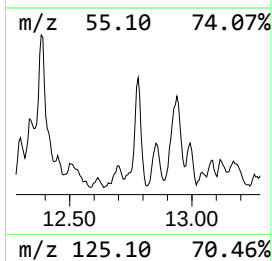
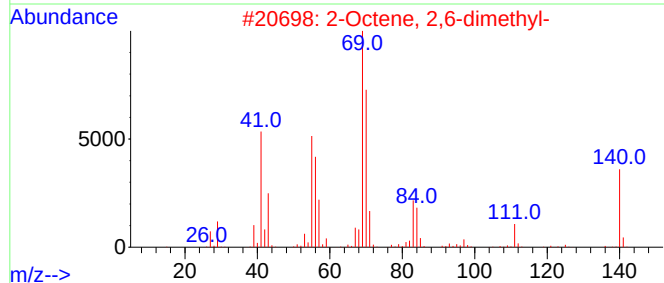
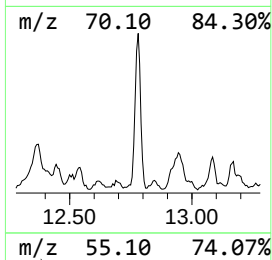
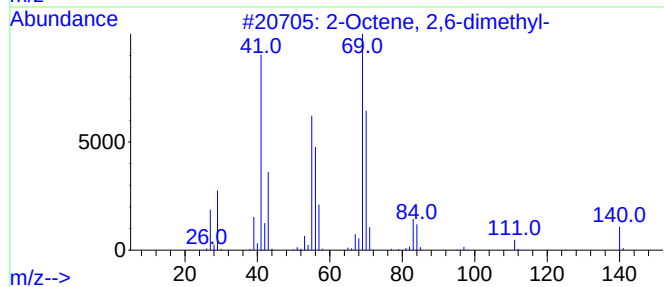
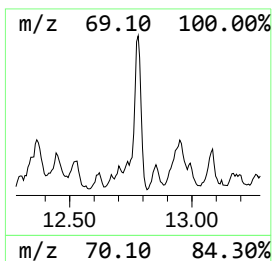
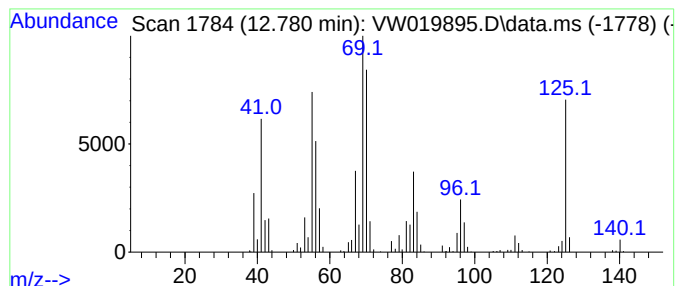
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.780	21.75 ug/L	315024	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	62
2	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	58
3	Cyclohexane, 1,2,3-trimethyl-, (...)		126	C9H18	001678-81-5	52
4	5-Decene		140	C10H20	019689-19-1	52
5	cis-1-Butyl-2-methylcyclopropane		112	C8H16	038851-69-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

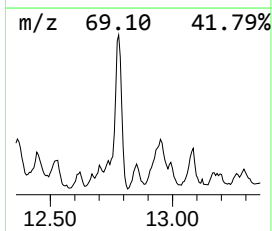
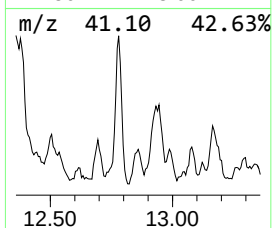
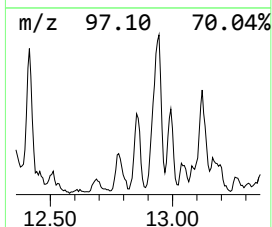
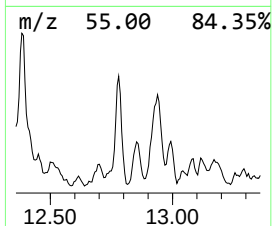
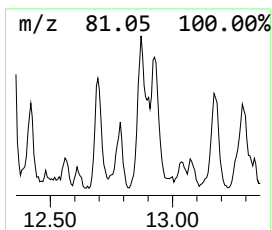
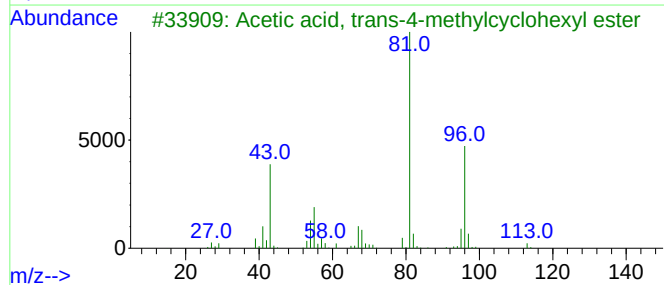
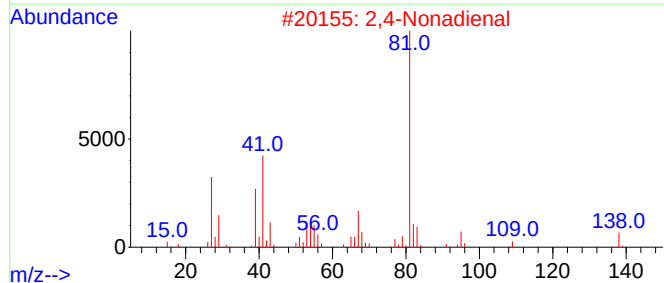
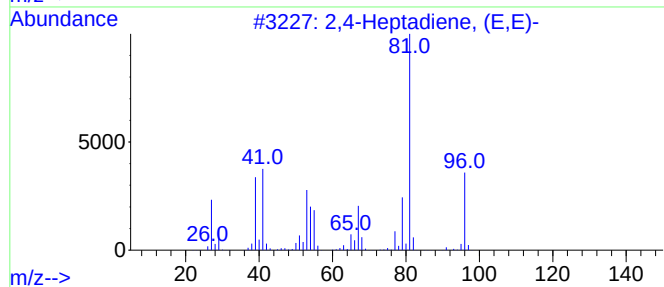
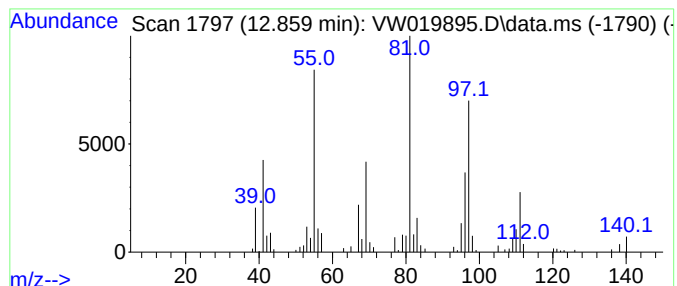
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	7.13 ug/L	103181	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	43
2			2,4-Nonadienal	138	C9H14O	006750-03-4	38
3			Acetic acid, trans-4-methylcyclo...	156	C9H16O2	1000368-24-6	38
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

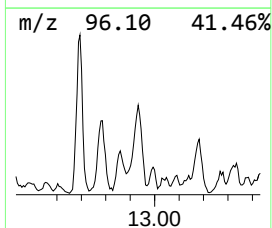
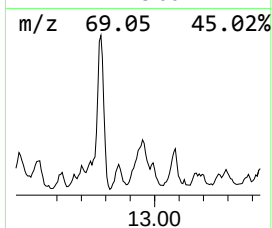
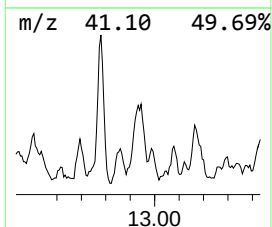
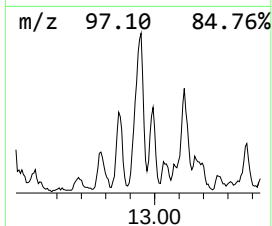
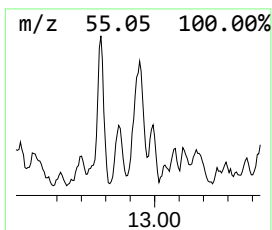
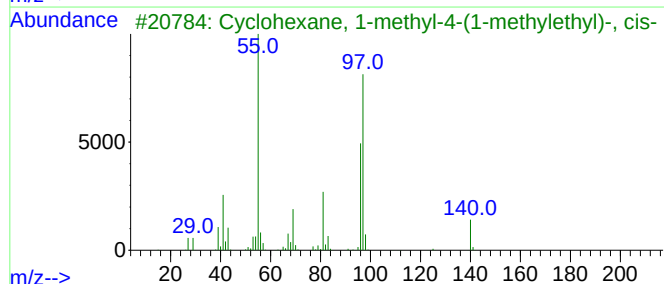
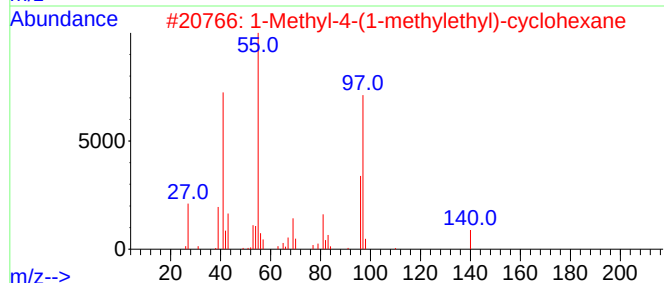
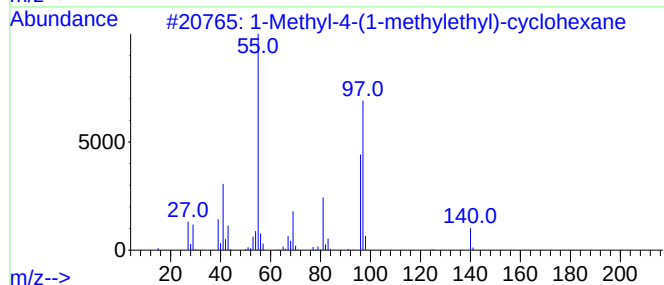
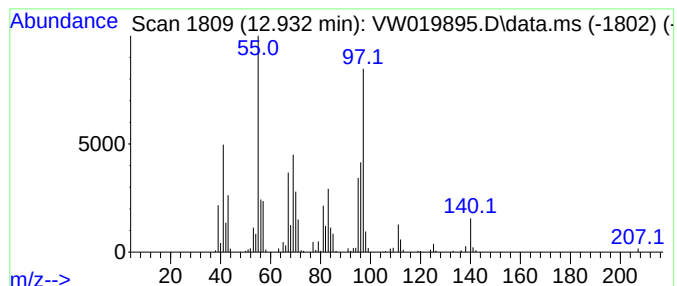
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	17.02 ug/L	246425	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	53
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

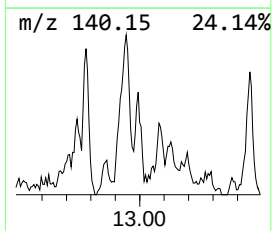
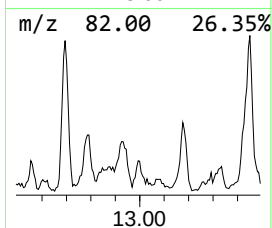
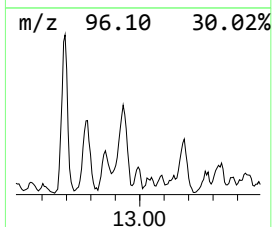
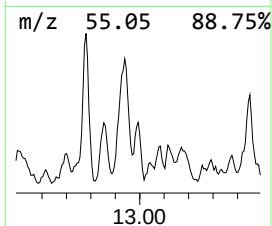
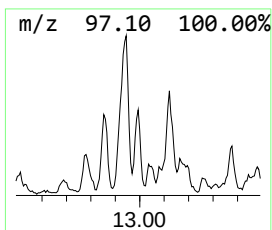
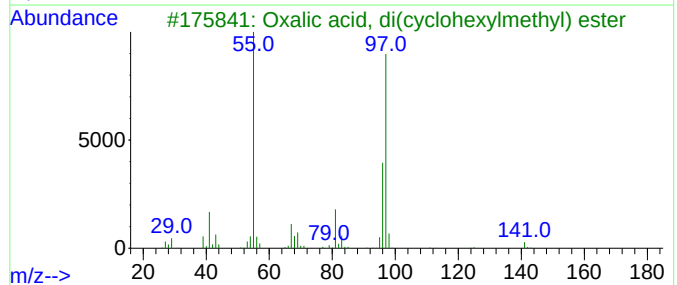
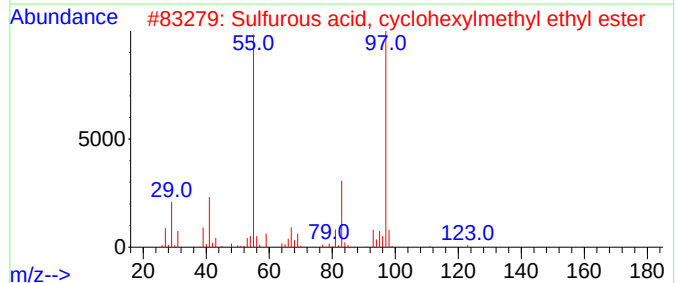
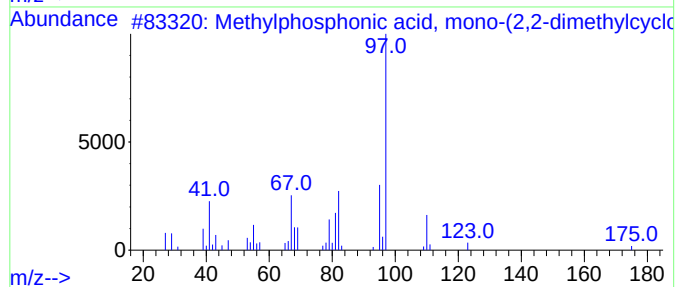
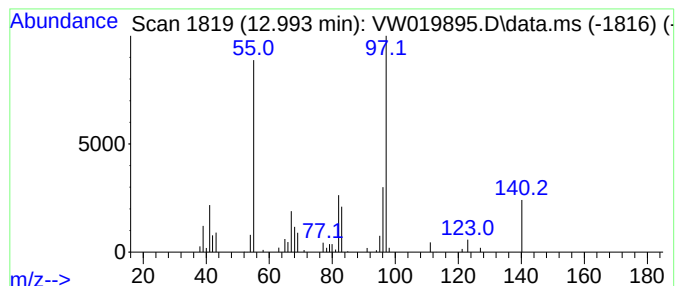
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 unknown-04 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	3.35 ug/L	48440	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	959027-86-2	47
2			Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	40
3			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	40
4			Cycloheptanemethanol	128	C8H16O	004448-75-3	40
5			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

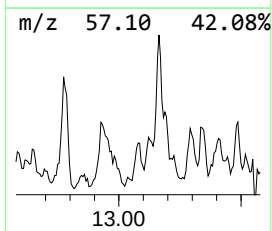
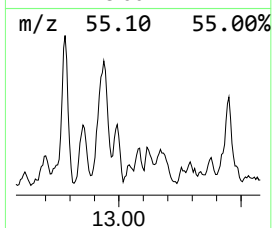
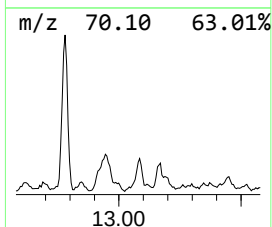
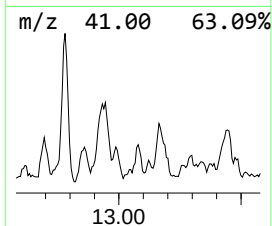
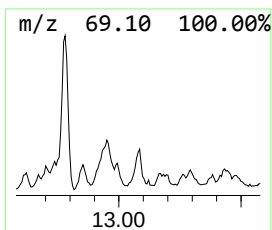
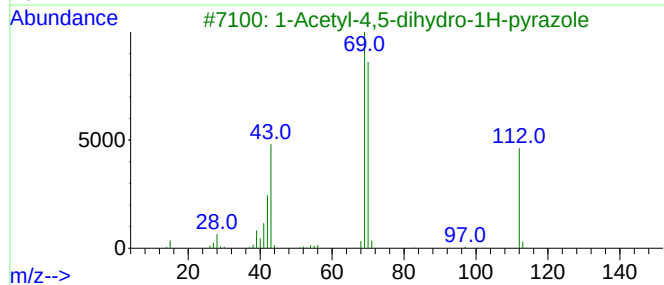
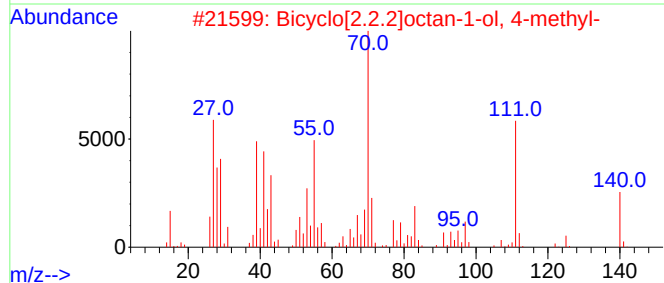
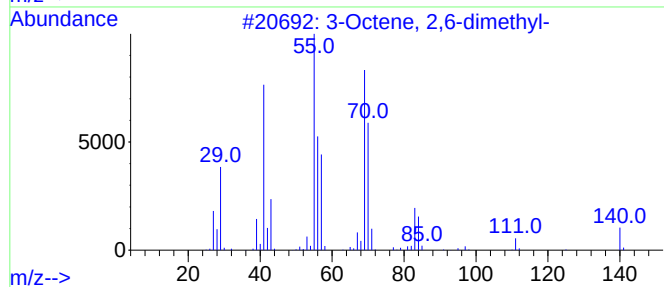
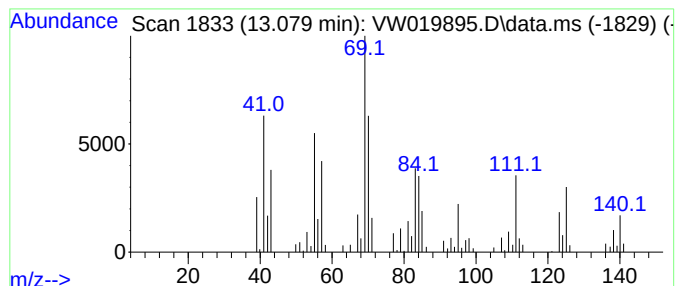
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.079	3.20 ug/L	46333	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Octene, 2,6-dimethyl-		140	C10H20	006874-28-8	46
2	Bicyclo[2.2.2]octan-1-ol, 4-methyl-		140	C9H16O	000824-13-5	30
3	1-Acetyl-4,5-dihydro-1H-pyrazole		112	C5H8N2O	1000373-42-6	30
4	1,6-Heptadiene, 3,5-dimethyl-		124	C9H16	068701-99-5	27
5	2,6-Octadiene, 2,6-dimethyl-		138	C10H18	002792-39-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

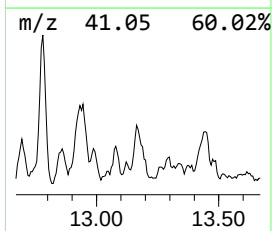
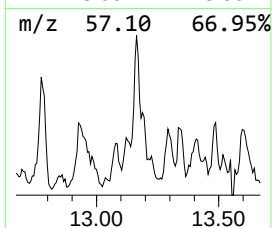
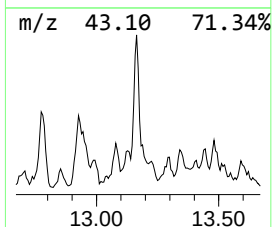
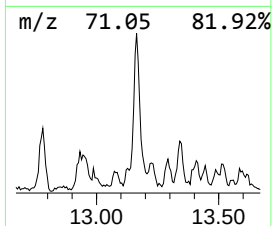
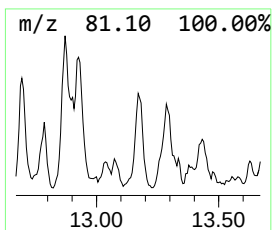
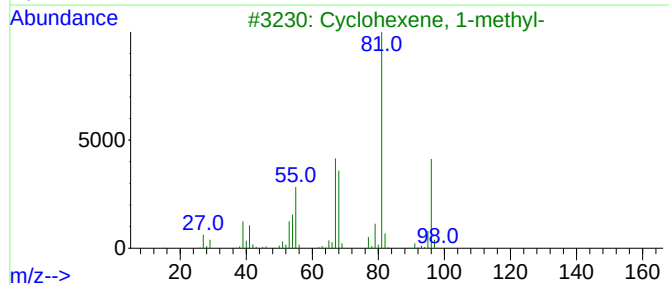
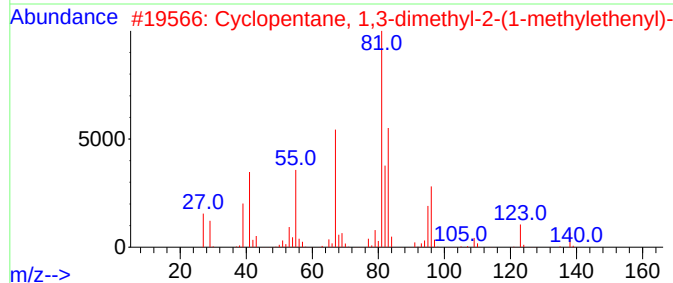
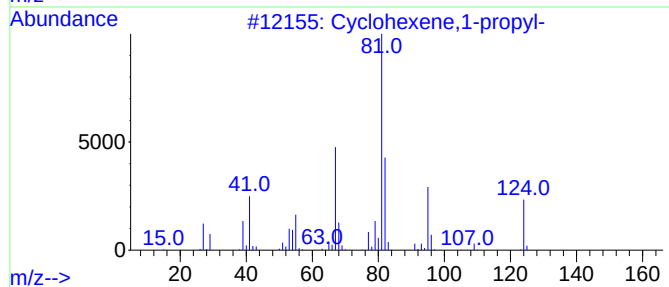
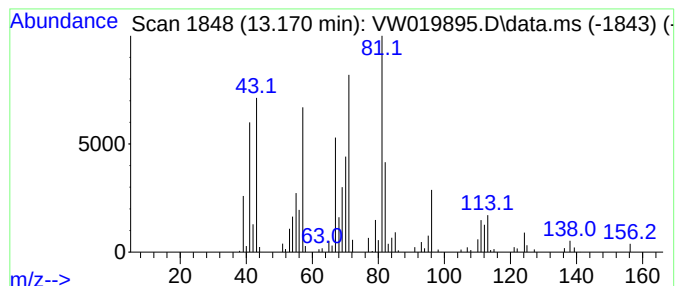
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	10.56 ug/L	152882	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	43
2		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	43
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	42
4		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	30
5		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

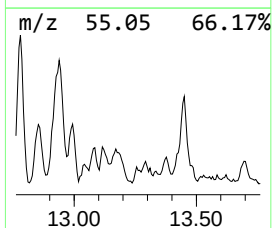
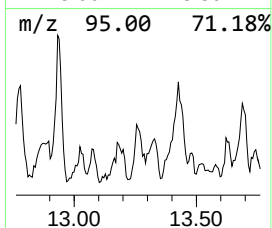
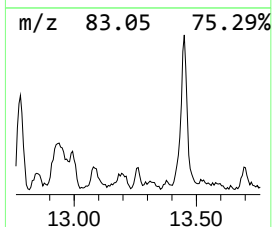
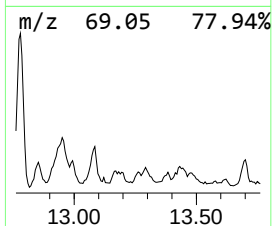
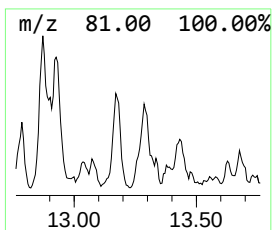
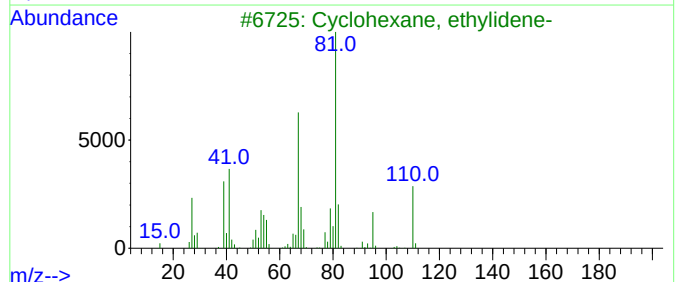
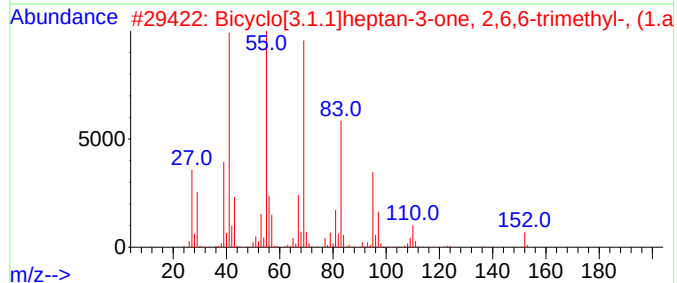
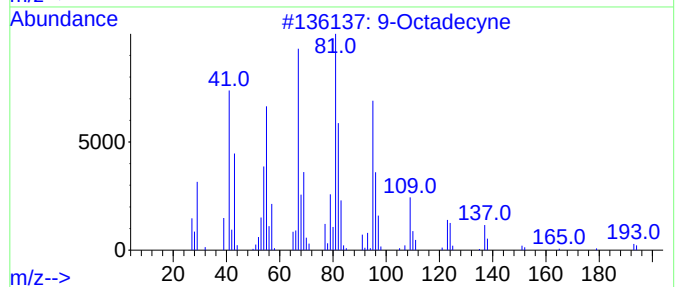
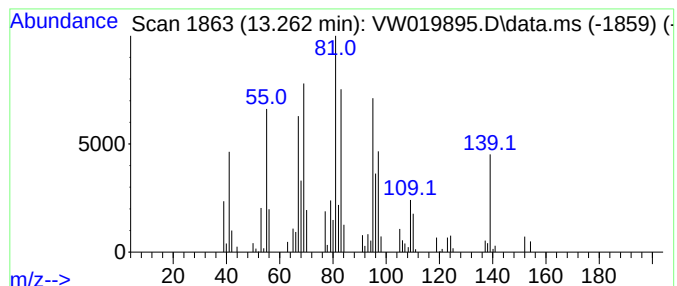
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	2.03 ug/L	29410	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecyne	250	C18H34	035365-59-4	38
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22
3			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	20
4			2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	15
5			2,4-Pentadien-1-ol, 3-pentyl-, (...)	154	C10H18O	1010142-19-7	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

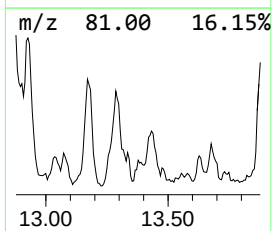
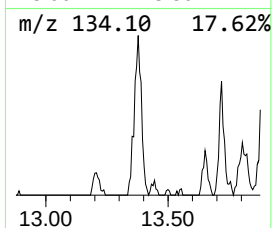
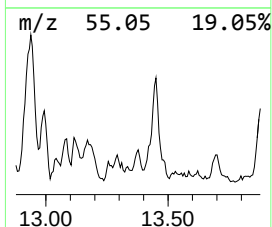
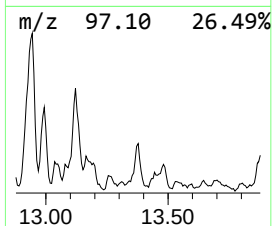
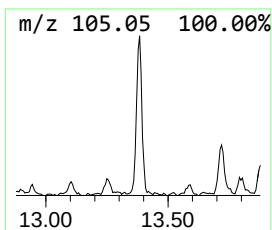
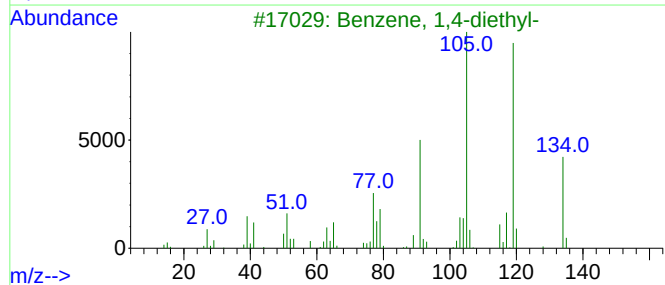
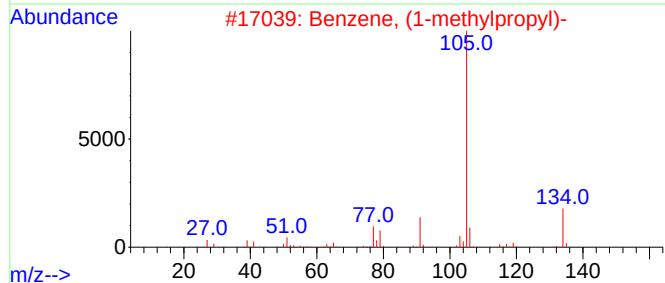
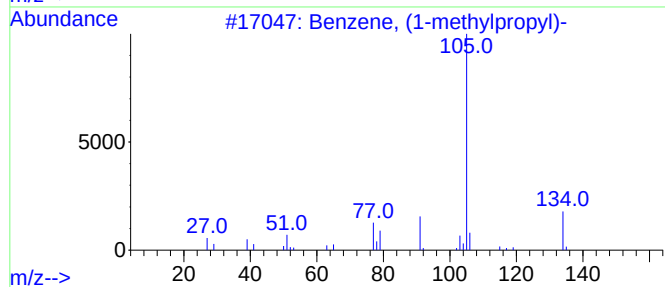
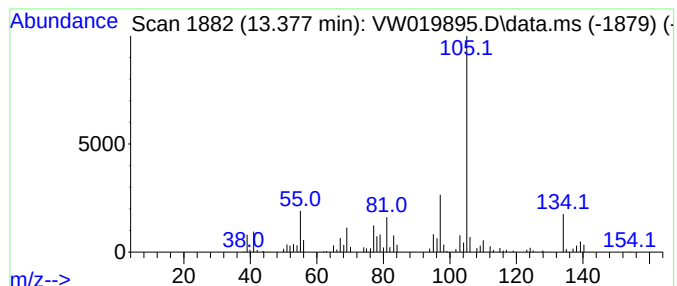
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 unknown-06 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	2.49 ug/L	36110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

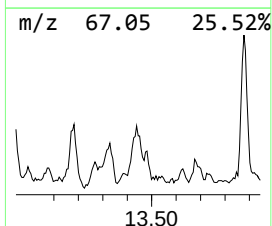
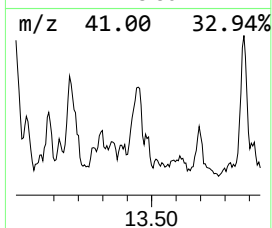
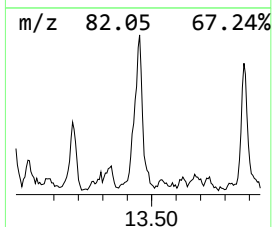
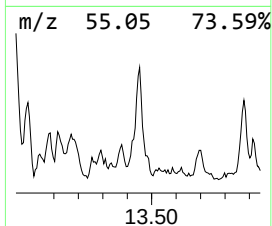
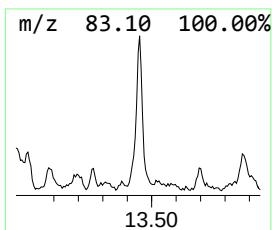
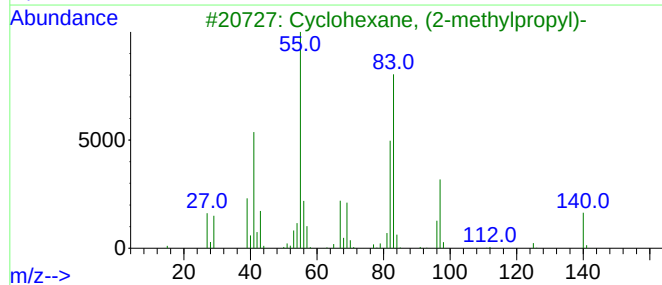
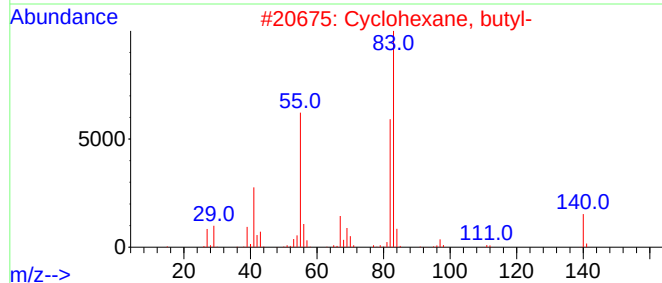
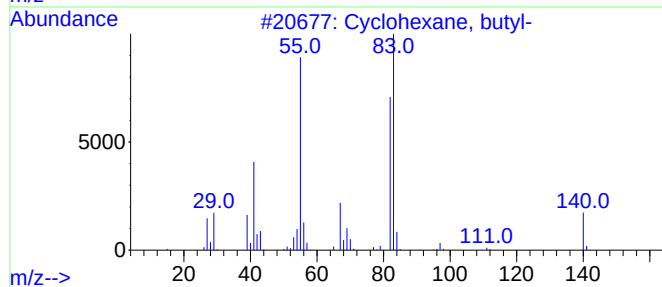
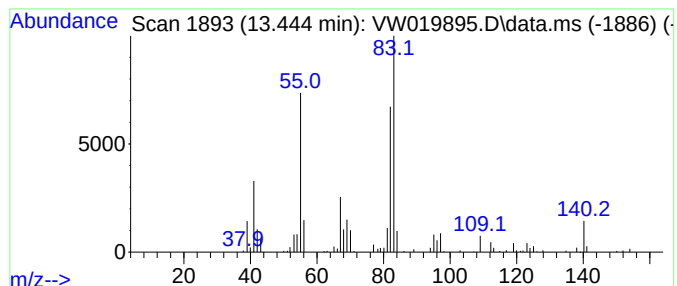
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Cyclic13.445 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	6.61 ug/L	95782	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

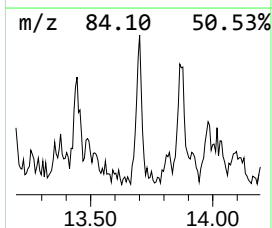
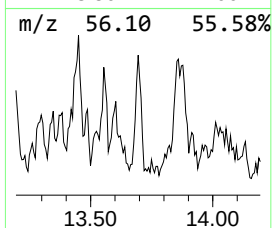
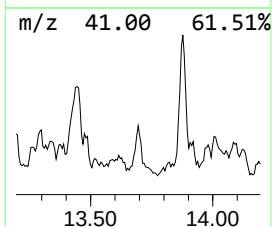
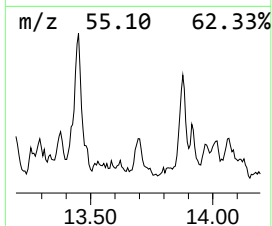
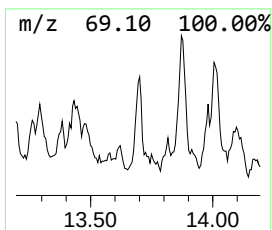
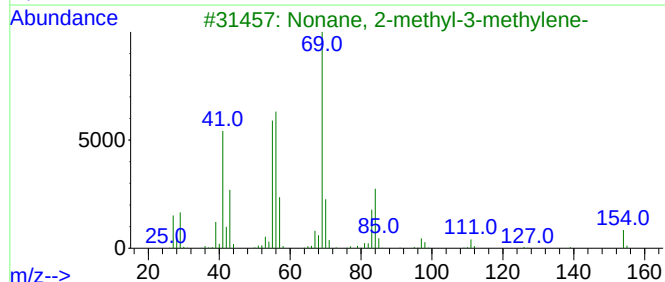
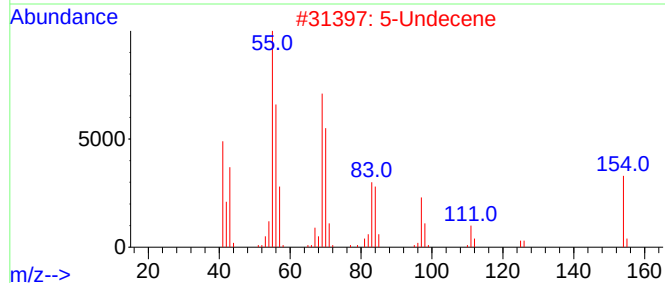
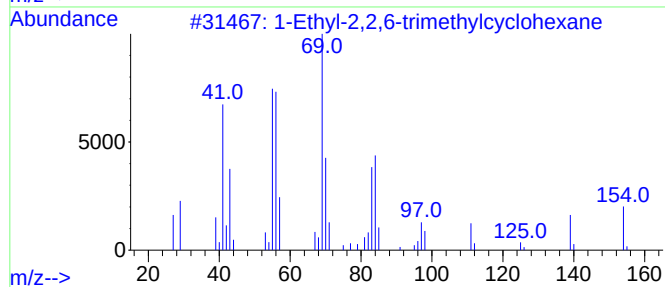
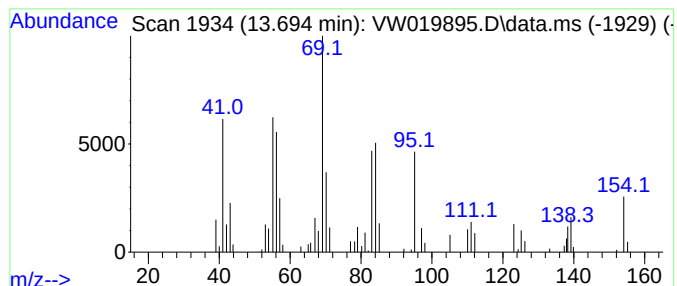
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Cyclic13.694 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	6.34 ug/L	91750	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	68
2		5-Undecene	154	C11H22	004941-53-1	62
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	58
4		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
5		4-Decene, 2-methyl-, (E)-	154	C11H22	028665-56-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

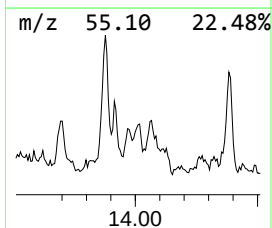
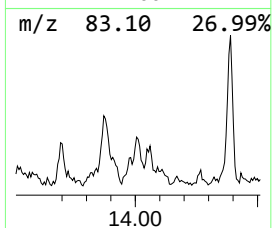
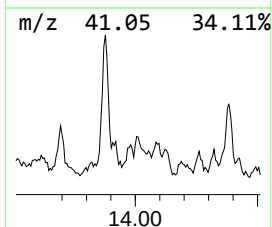
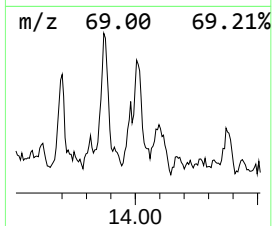
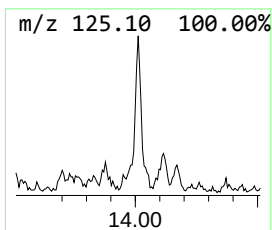
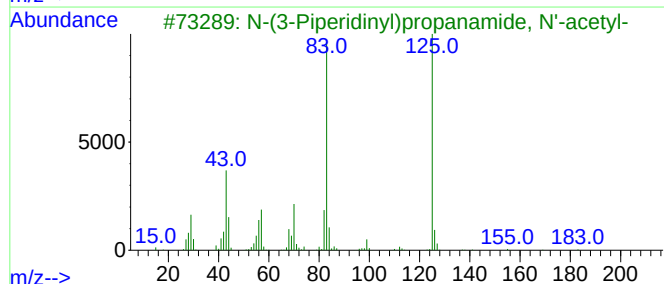
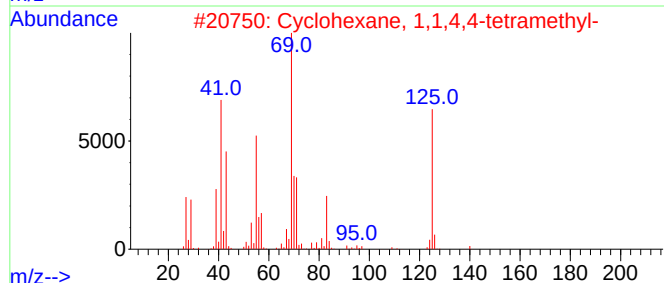
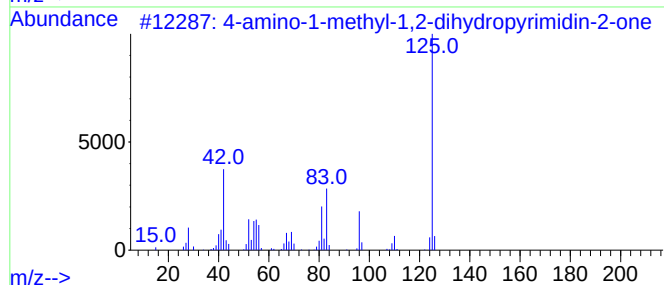
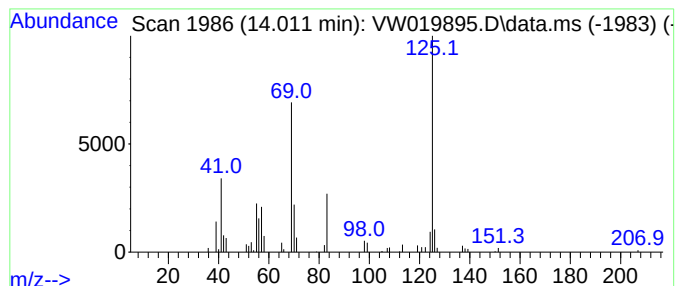
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 4-amino-1-methyl-1,2-dihydr... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	1.51 ug/L	21819	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-amino-1-methyl-1,2-dihydropyri...	125	C5H7N3O	001122-47-0	59
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	56
3			N-(3-Piperidinyl)propanamide, N'...	198	C10H18N2O2	1016538-74-1	53
4			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-0	53
5			Isopropylphosphonic acid, dicycl...	288	C15H29O3P	083218-17-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

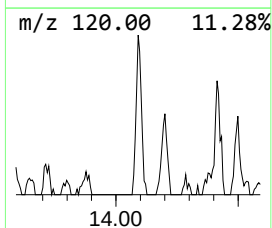
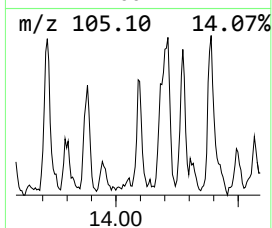
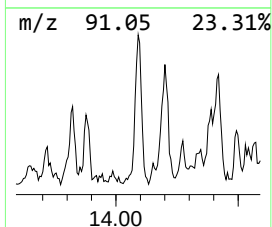
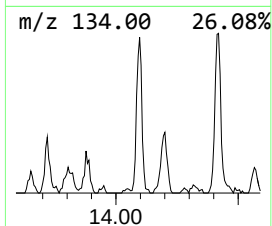
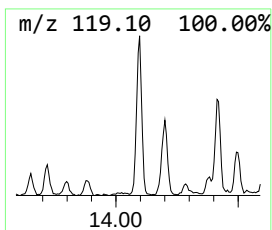
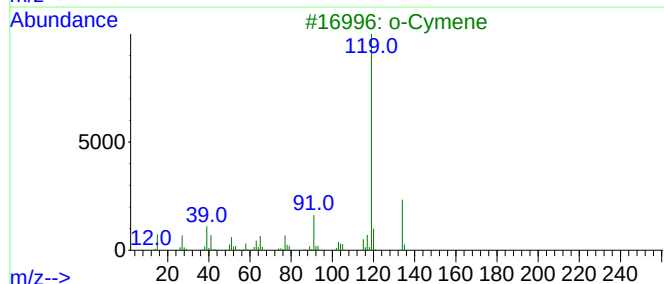
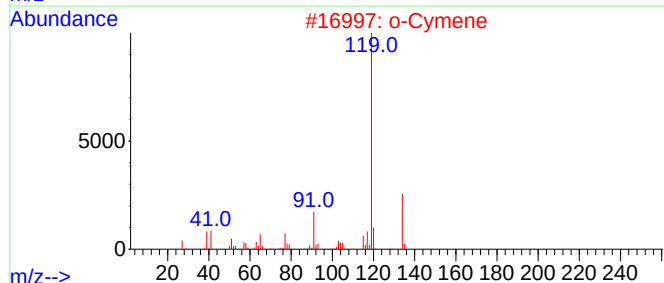
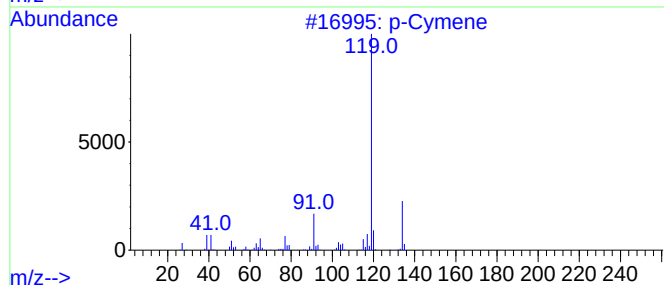
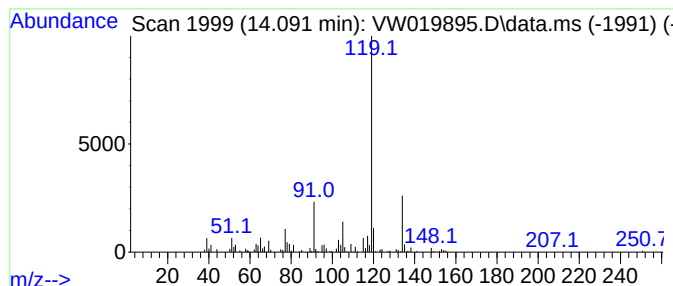
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 p-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	6.48 ug/L	93872	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

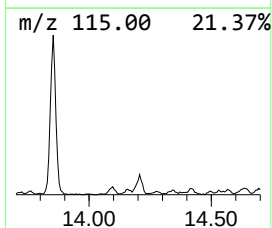
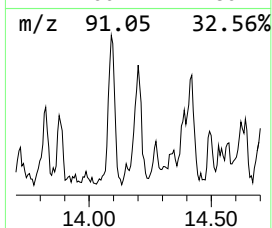
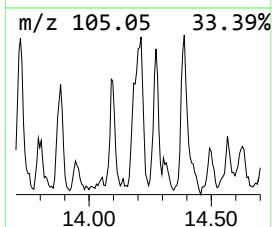
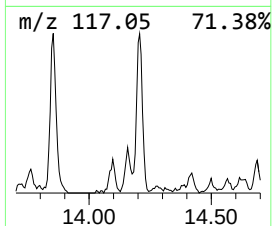
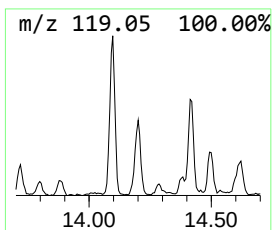
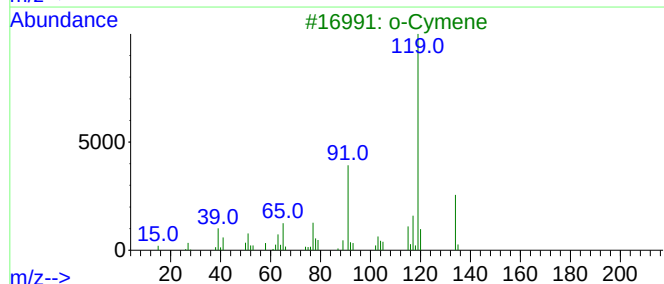
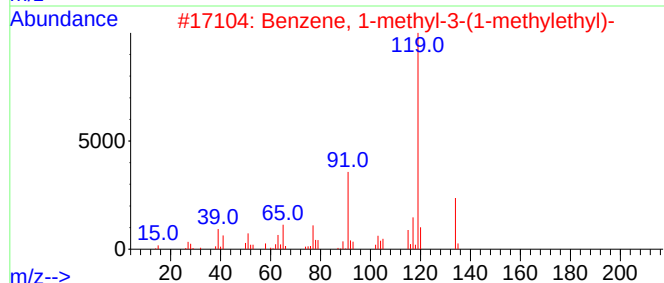
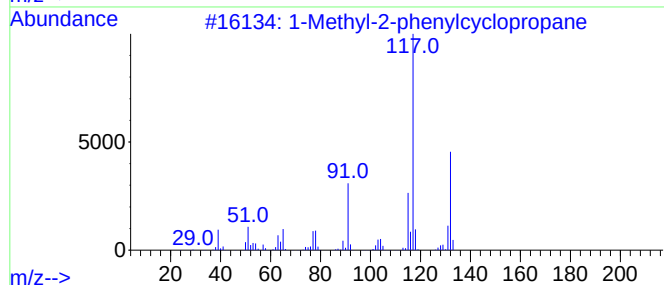
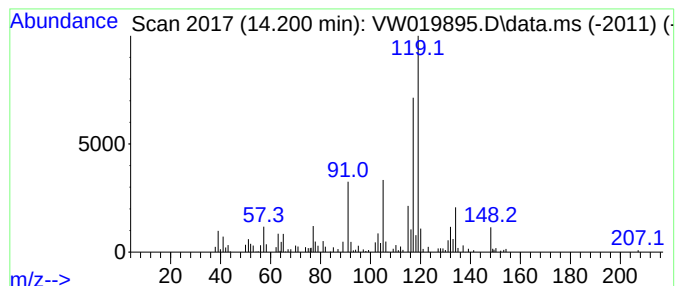
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 1-Methyl-2-phenylcyclopropane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	5.52 ug/L	79921	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	55
3			o-Cymene	134	C10H14	000527-84-4	55
4			p-Cymene	134	C10H14	000099-87-6	55
5			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

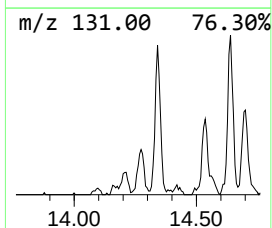
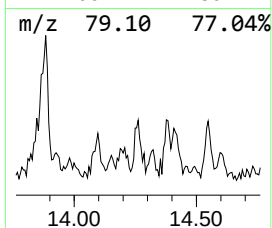
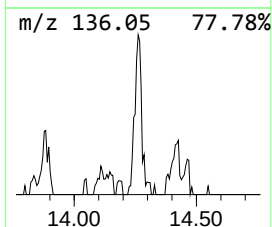
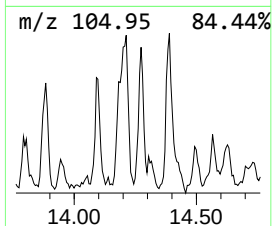
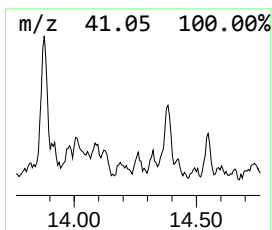
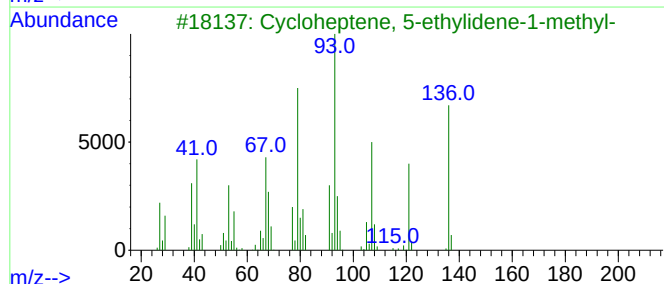
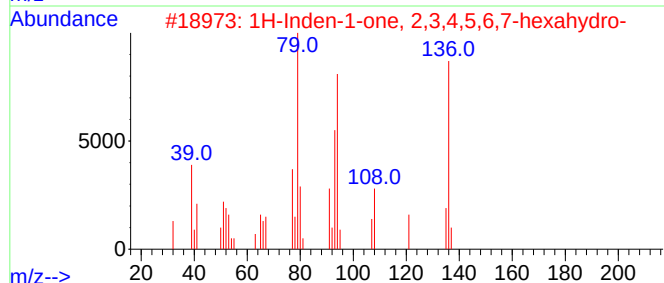
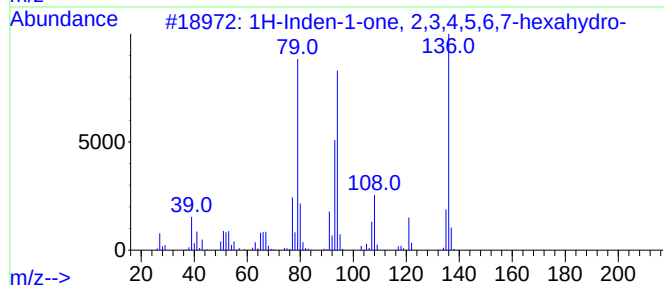
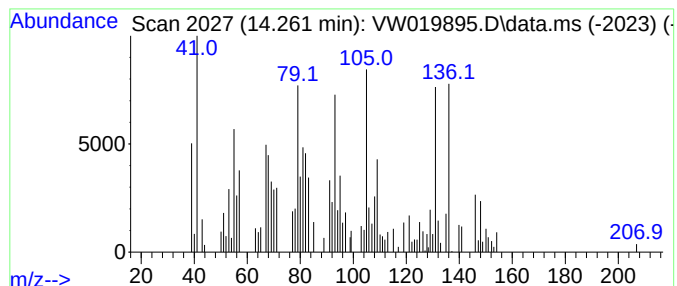
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 unknown-07 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	2.72 ug/L	39393	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	41
2			1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	41
3			Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	38
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	006876-12-6	30
5			4-Cyclopropylcyclohexene	122	C9H14	080105-51-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

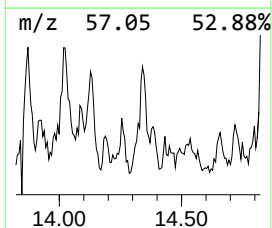
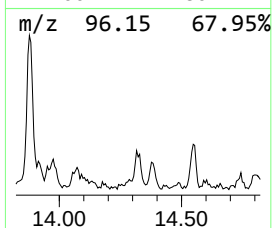
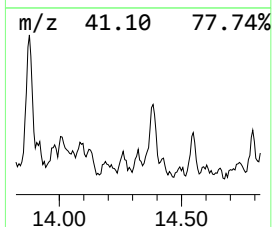
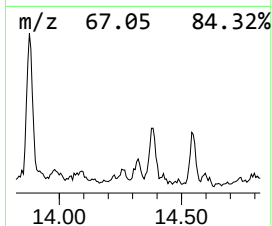
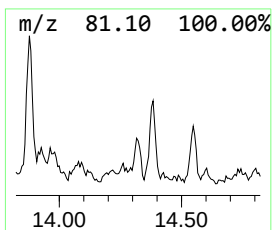
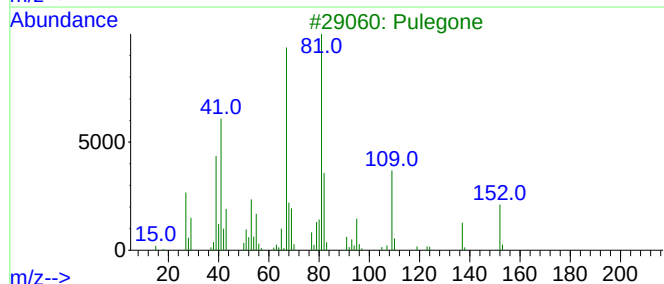
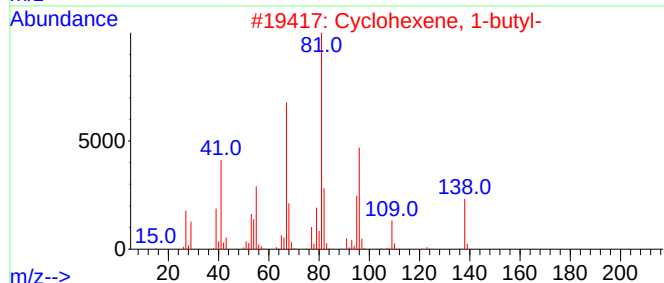
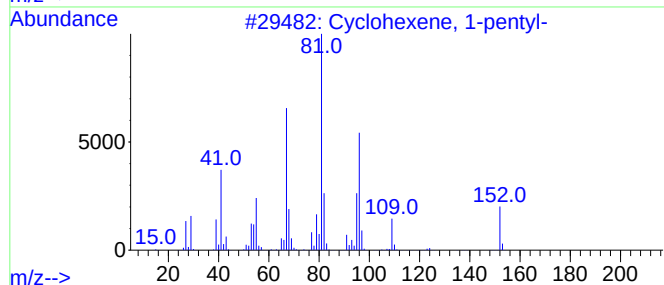
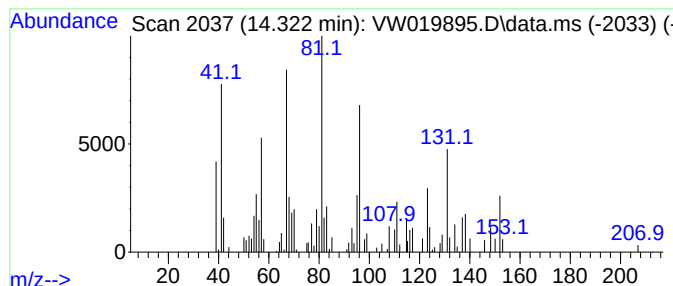
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Cyclohexene, 1-pentyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	1.86 ug/L	26932	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	70
2			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	64
3			Pulegone	152	C10H16O	000089-82-7	55
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	52
5			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

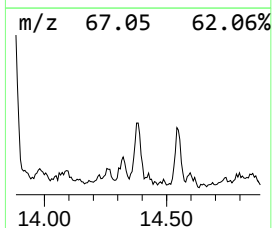
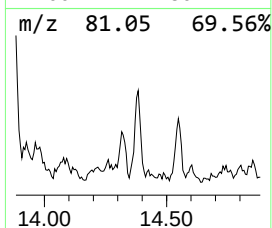
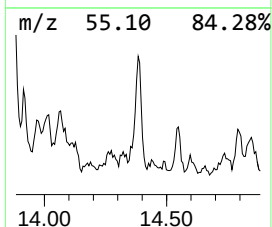
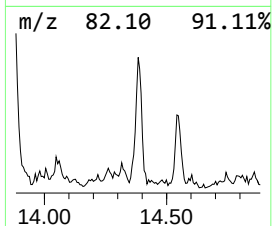
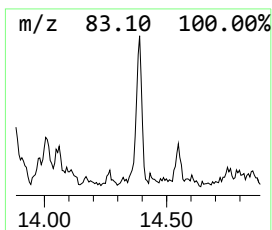
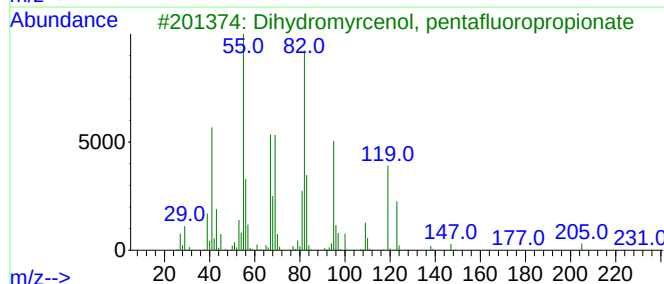
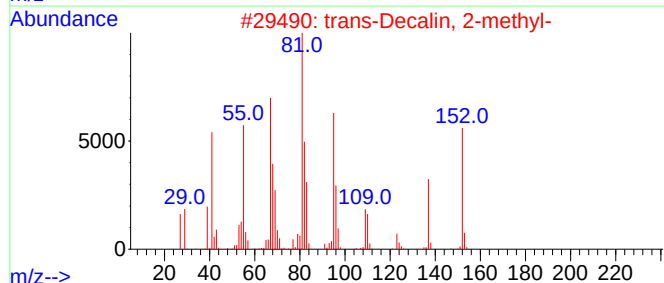
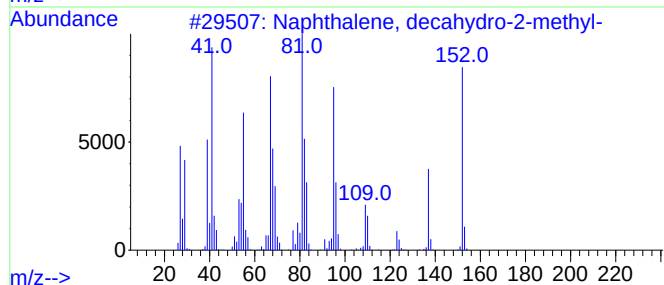
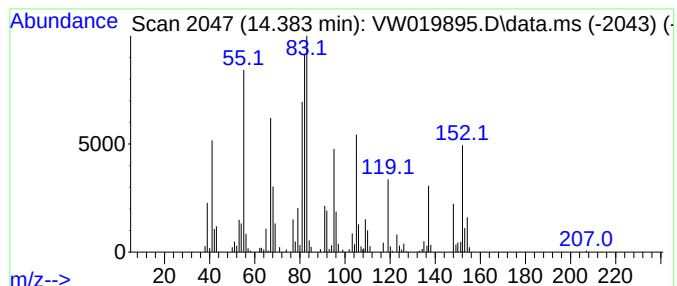
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Naphthalene, decahydro-2-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.383	6.85 ug/L	99196	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	95
2	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	60
3	Dihydromyrcenol, pentafluoroprop...		302	C13H19F5O2	1000463-72-1	46
4	Cyclohexane, (1-methylbutyl)-		154	C11H22	061208-94-4	45
5	(E)-Hex-3-enyl (E)-2-methylbut-2...		182	C11H18O2	120603-00-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

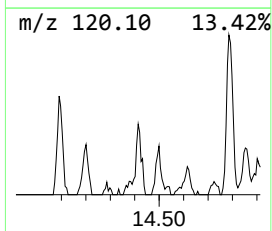
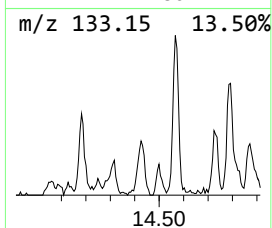
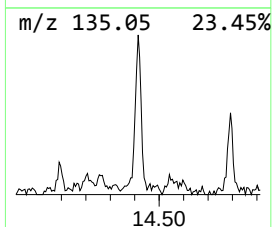
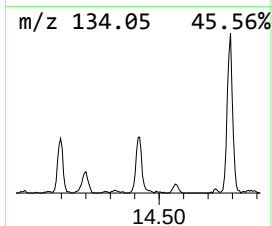
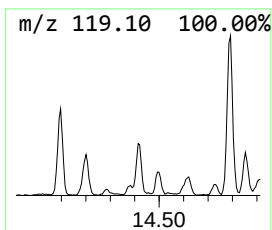
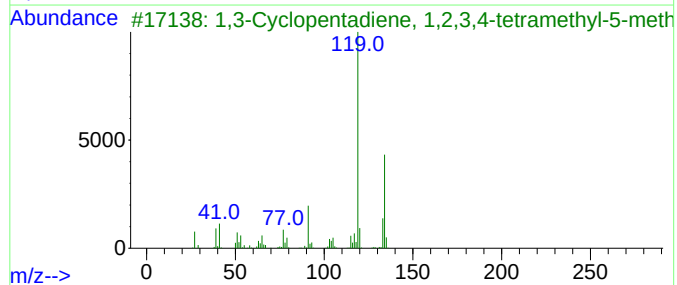
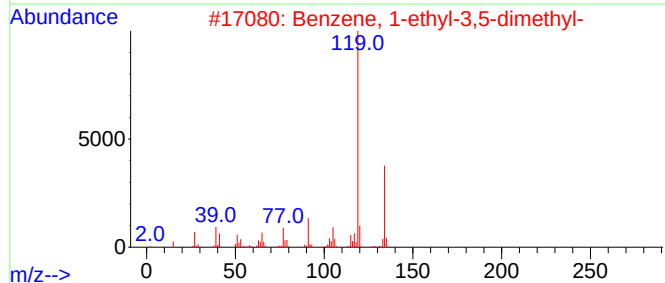
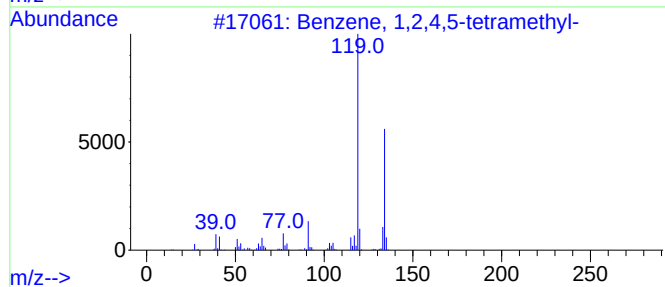
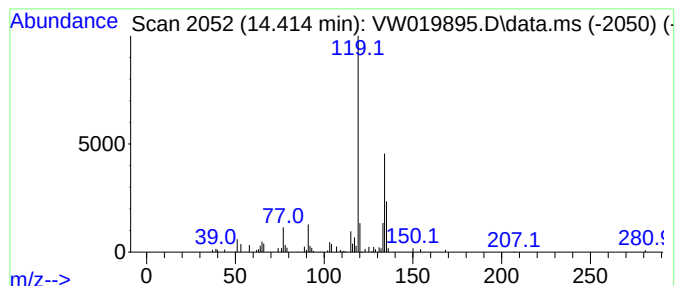
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	4.23 ug/L	61212	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW7C2

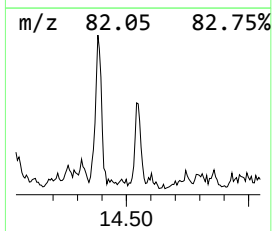
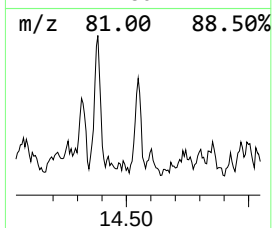
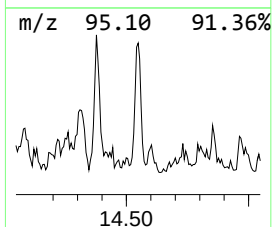
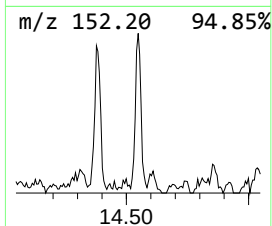
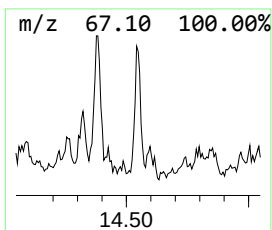
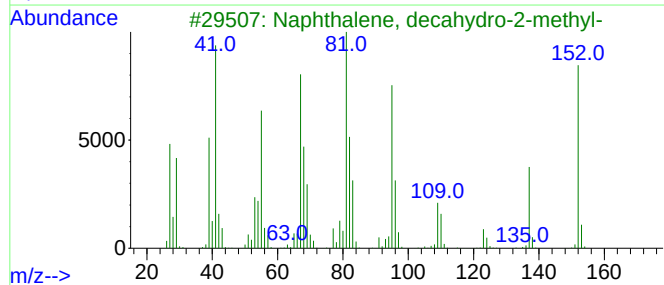
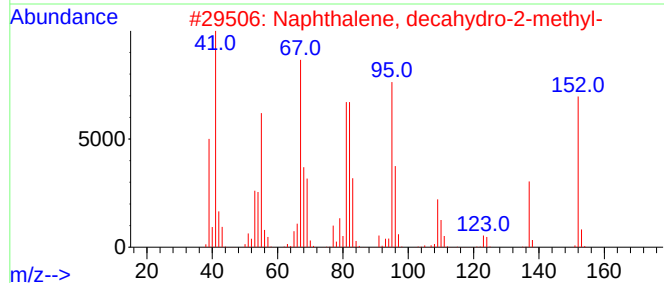
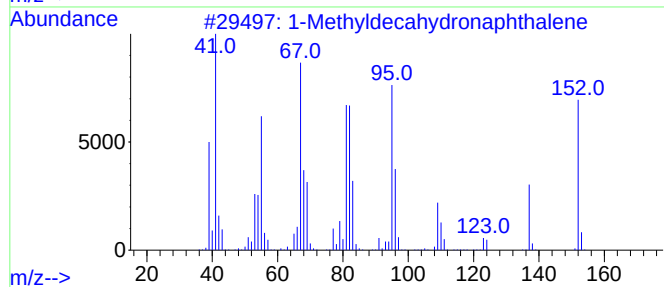
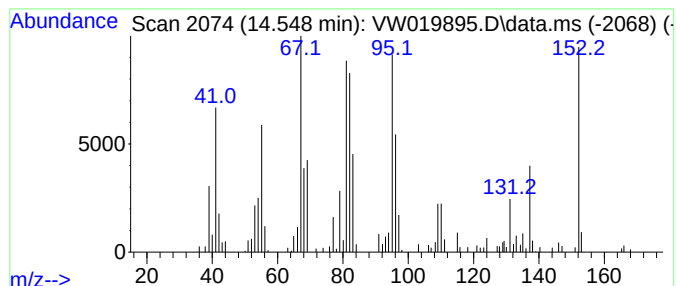
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 1-Methyldecahydronaphthalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	4.90 ug/L	70935	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

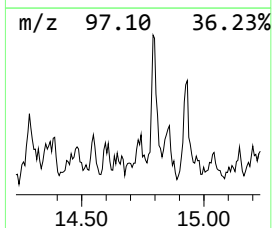
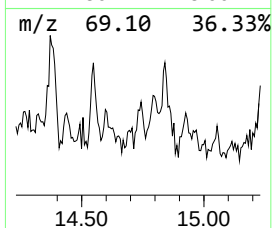
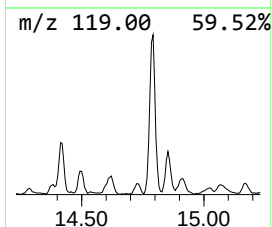
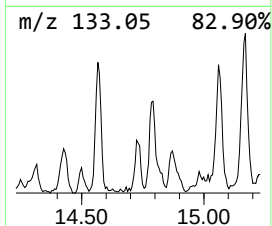
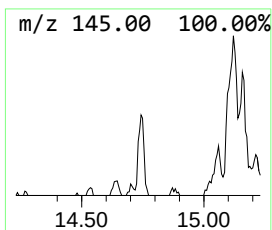
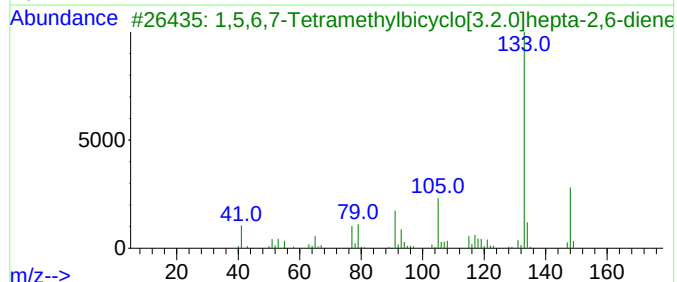
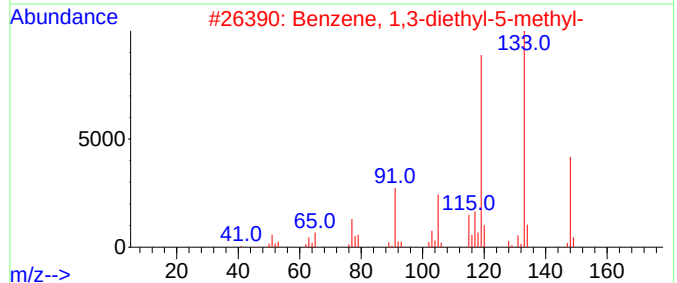
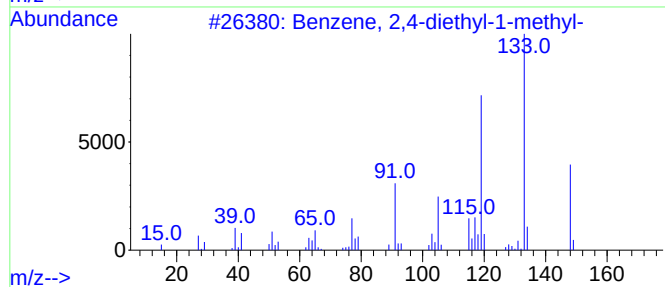
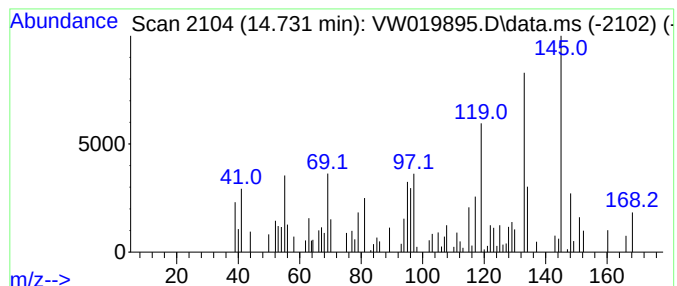
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 unknown-08 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	1.74 ug/L	25162	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
3			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	22
4			Benzene, 1-(1,1-dimethylethyl)-4-methyl-	160	C12H16	001746-23-2	18
5			Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

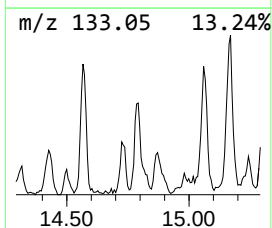
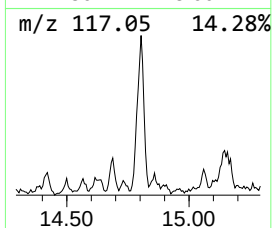
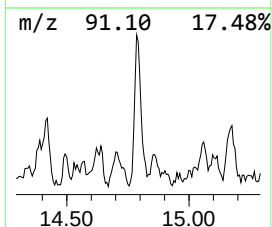
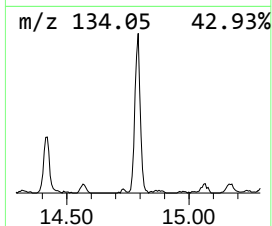
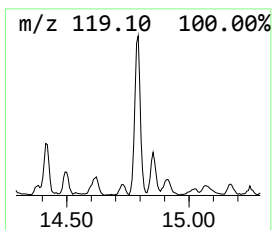
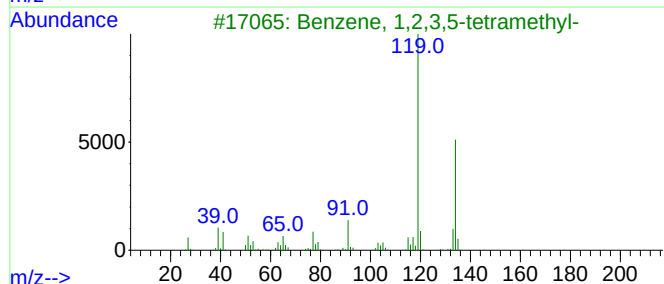
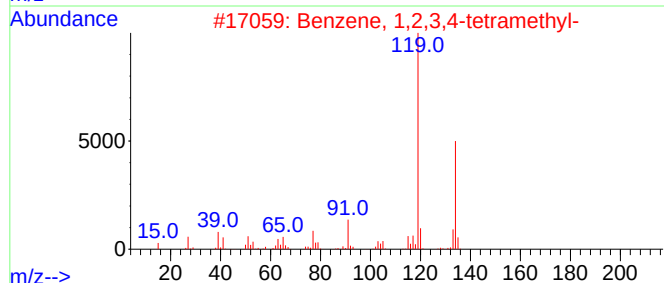
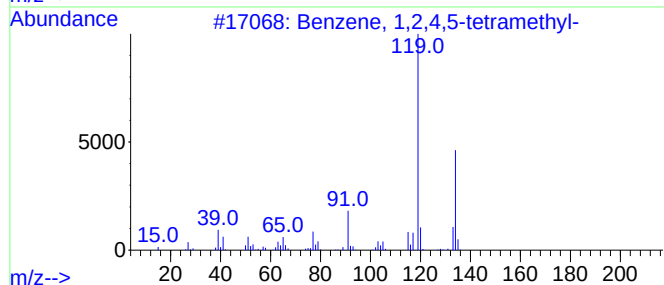
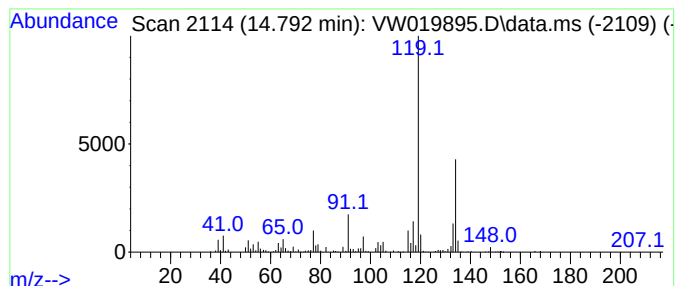
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	12.31 ug/L	178288	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

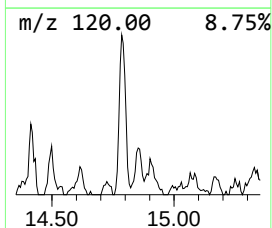
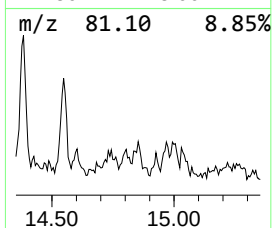
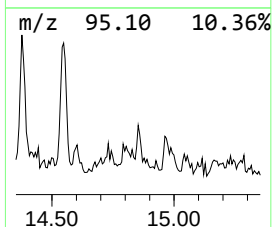
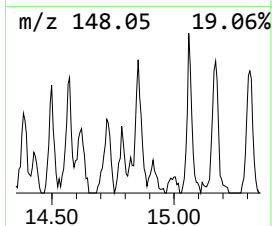
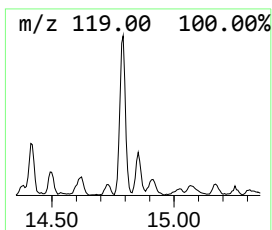
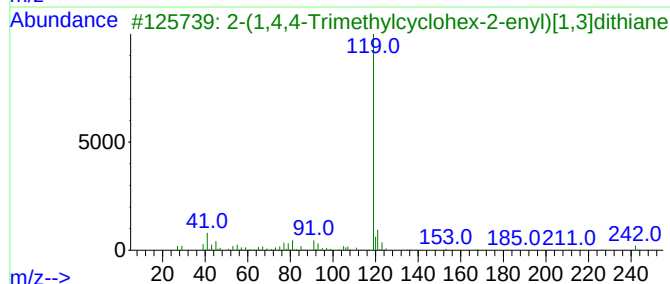
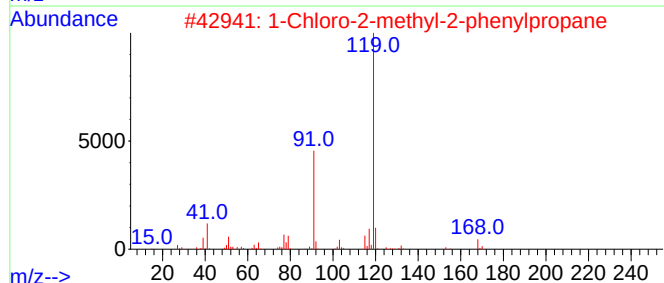
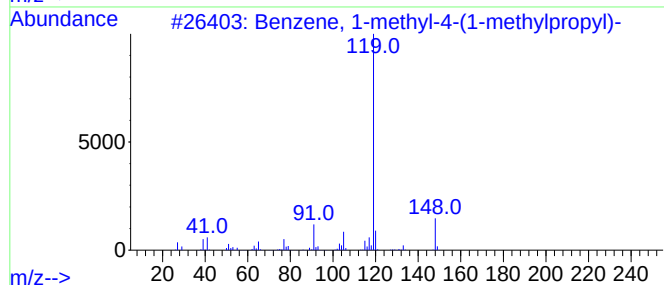
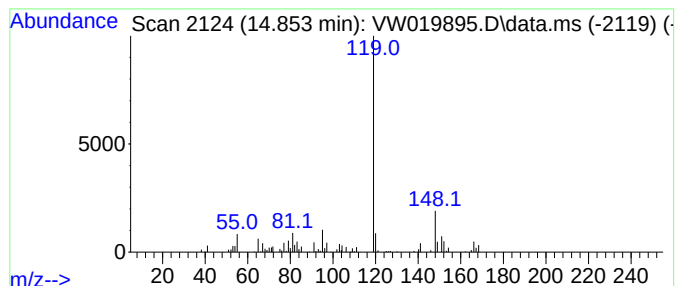
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	5.08 ug/L	73517	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
2			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	46
3			2-(1,4,4-Trimethylcyclohex-2-eny...	242	C13H22S2	1000191-03-0	43
4			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	38
5			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

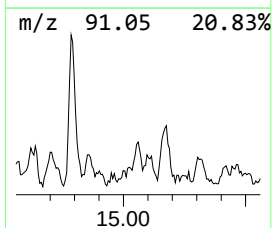
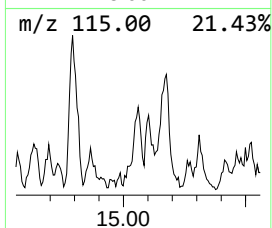
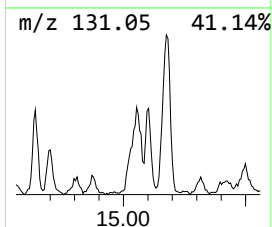
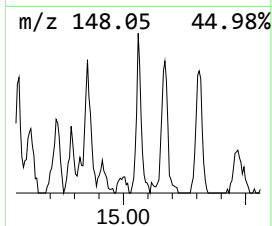
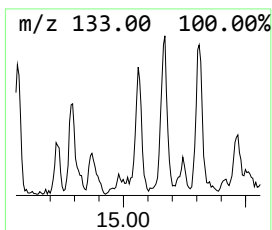
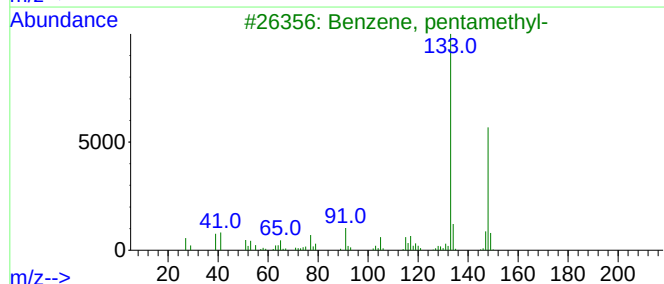
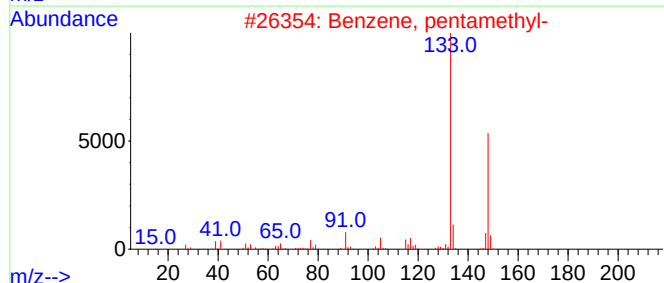
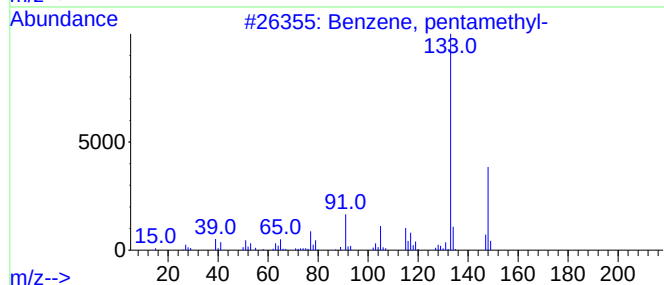
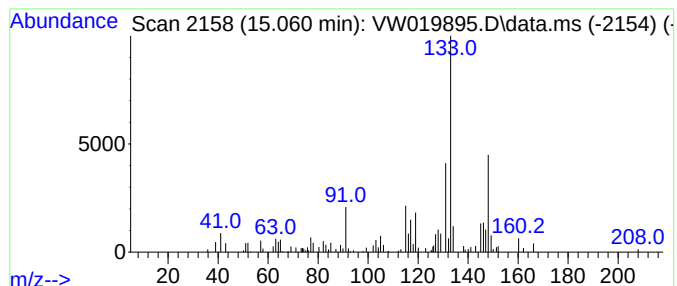
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 Benzene, pentamethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	3.51 ug/L	50857	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	62
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
4			Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	50
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

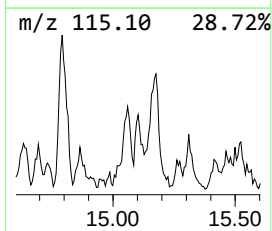
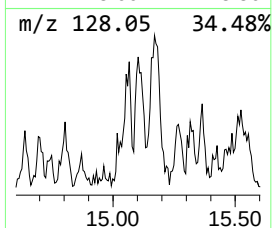
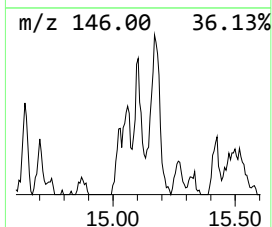
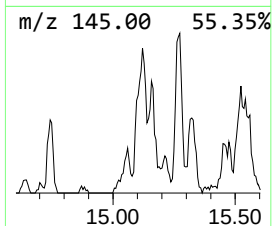
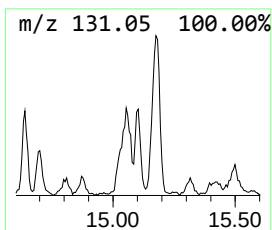
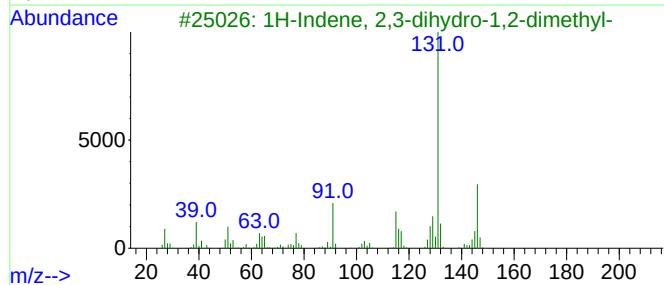
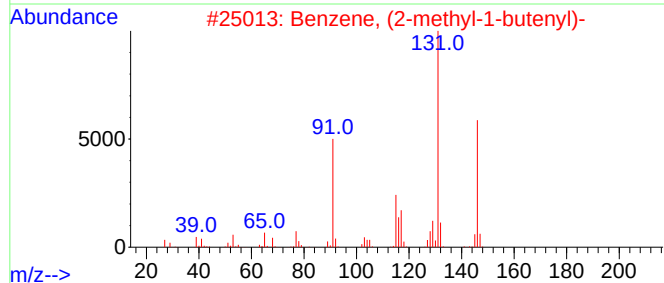
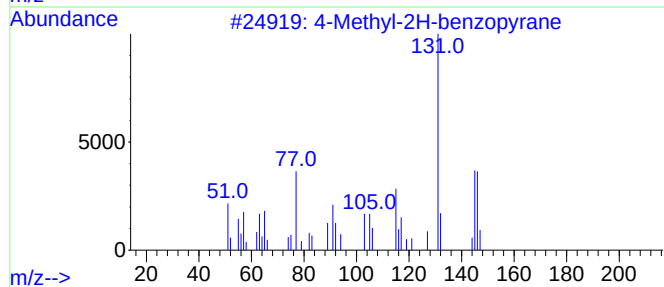
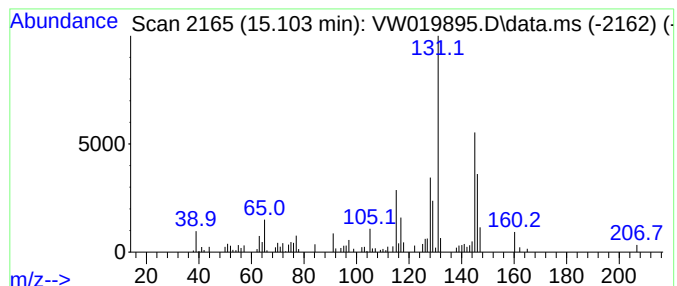
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 4-Methyl-2H-benzopyrane Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.103	2.17 ug/L	31425	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	53
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4			Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	27
5			1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

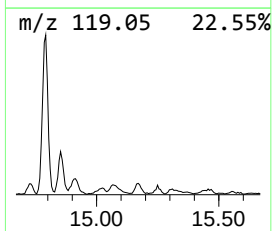
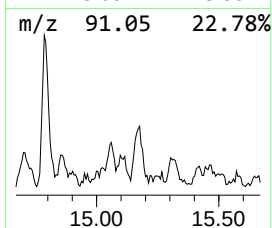
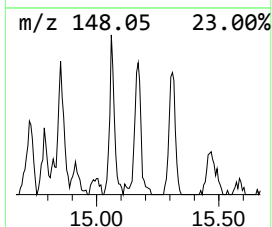
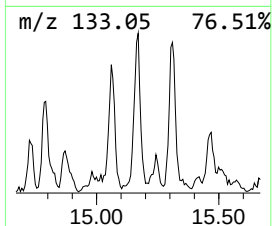
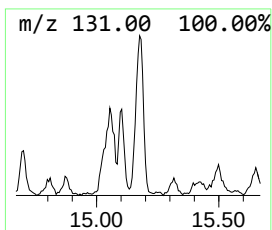
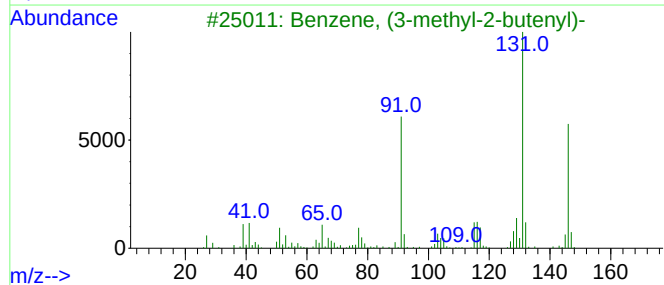
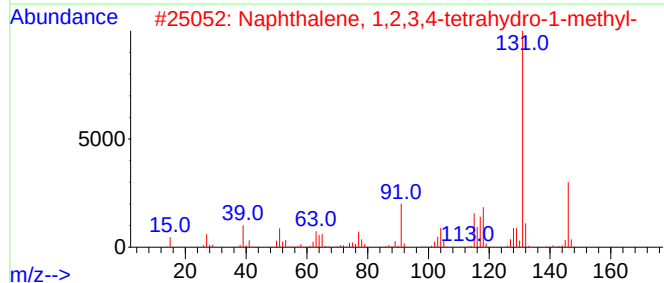
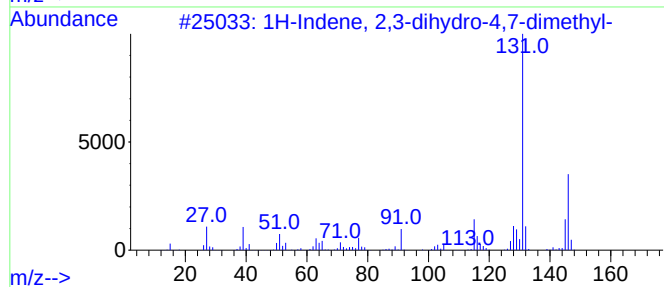
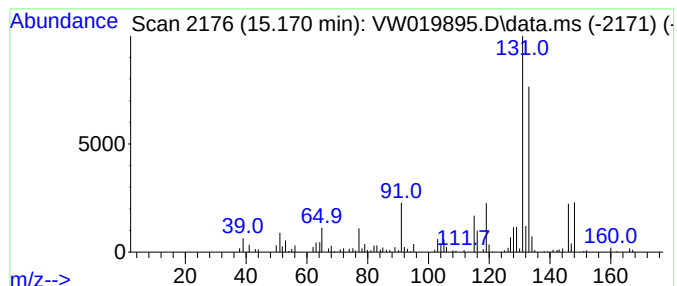
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.170	5.48 ug/L	79358	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	55
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001559-81-5	55
3	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	55
4	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

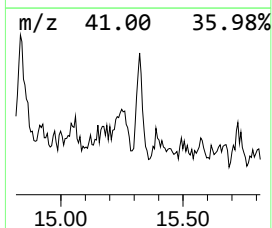
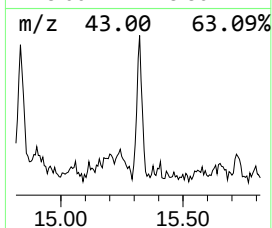
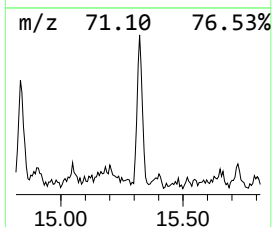
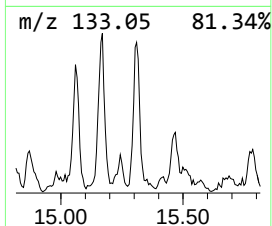
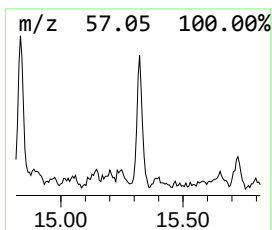
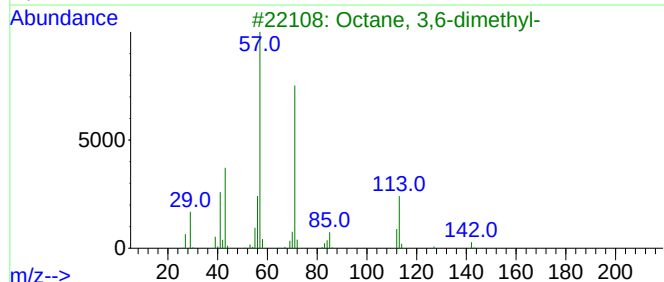
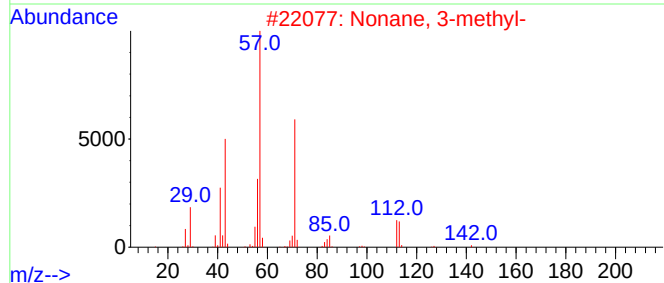
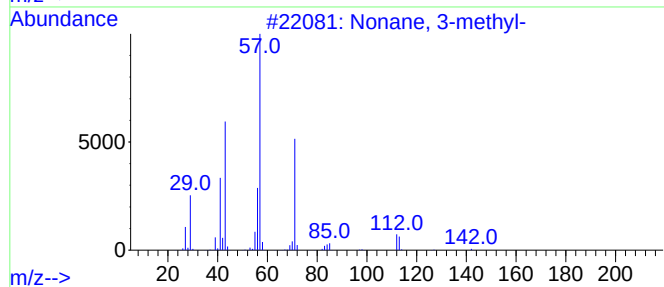
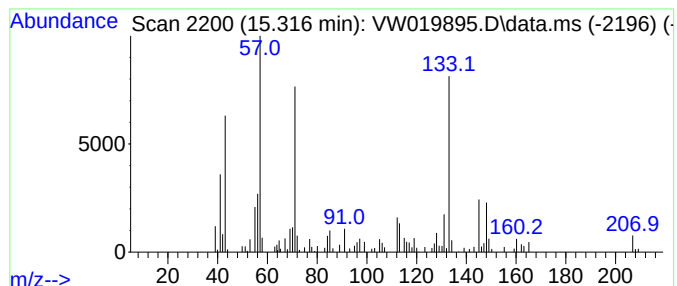
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	5.35 ug/L	77537	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	38
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	38
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

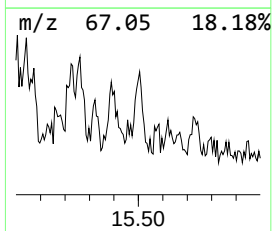
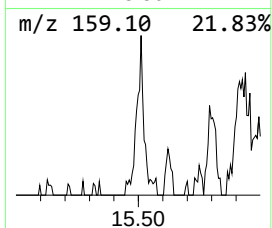
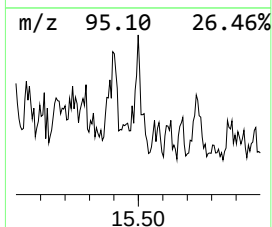
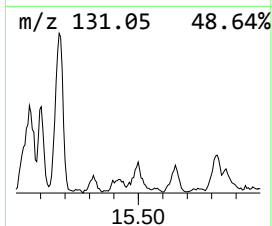
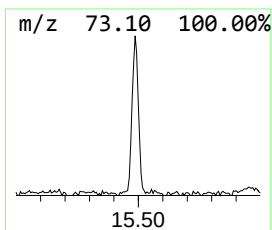
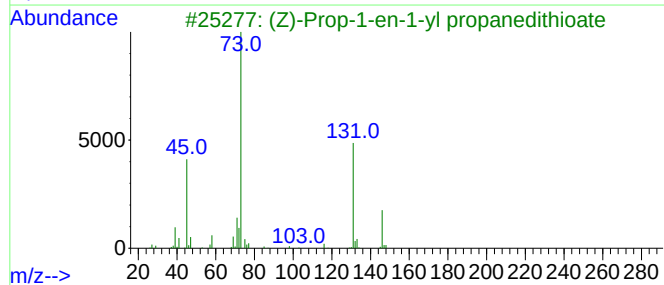
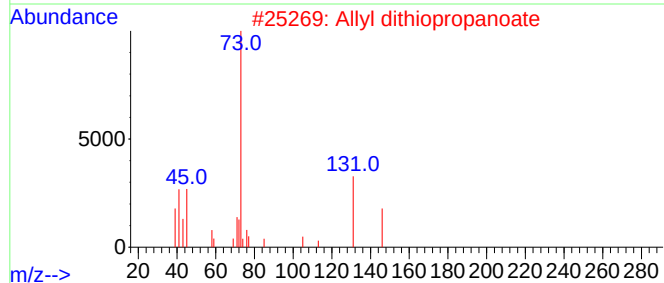
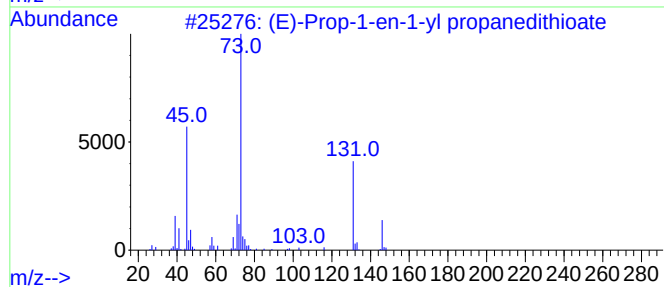
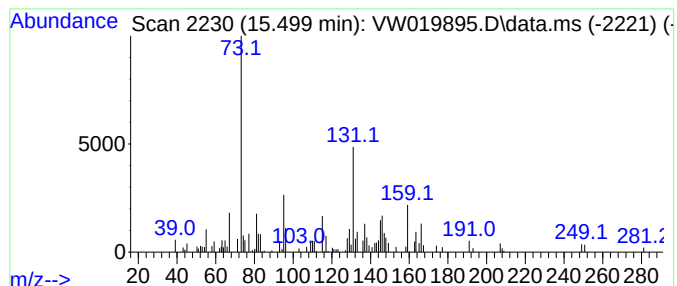
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 unknown-09 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	3.89 ug/L	56324	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Prop-1-en-1-yl	propanedithioate	146	C6H10S2	067269-06-1	35	
2	Allyl dithiopropionate		146	C6H10S2	041830-43-7	35	
3	(Z)-Prop-1-en-1-yl	propanedithioate	146	C6H10S2	067230-81-3	35	
4	Disilane, hexamethyl-		146	C6H18Si2	001450-14-2	14	
5	Disilane, hexamethyl-		146	C6H18Si2	001450-14-2	14	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

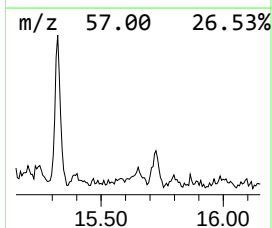
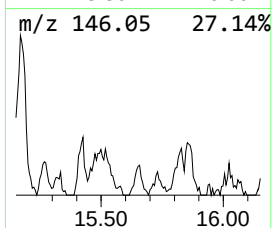
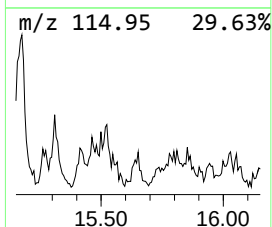
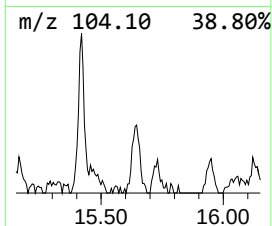
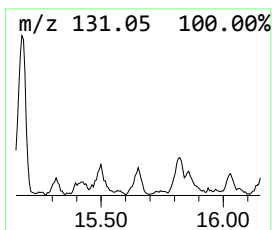
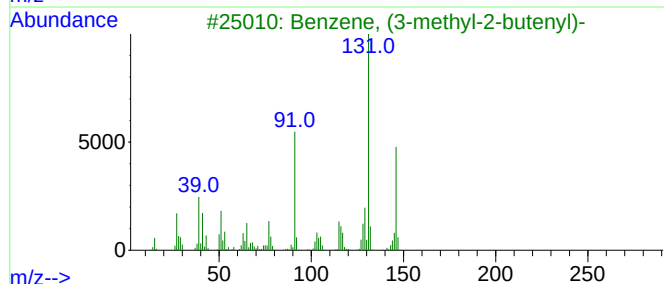
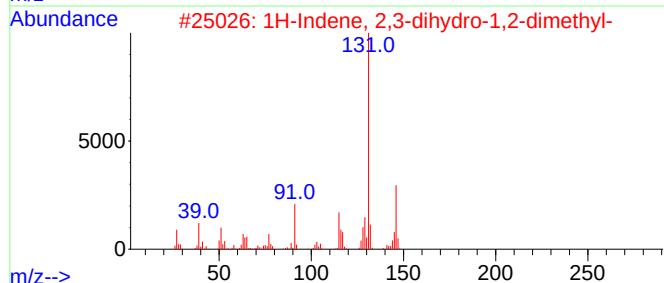
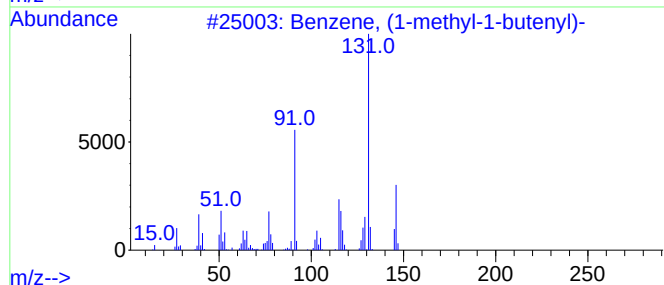
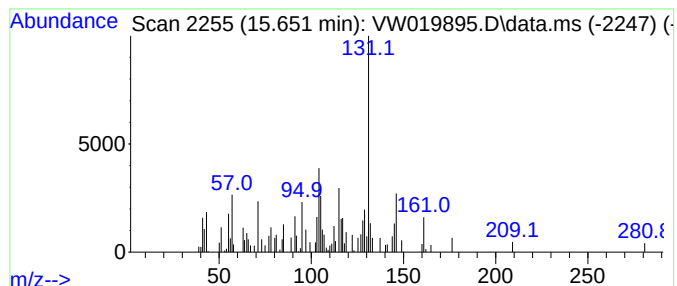
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 Benzene, (1-methyl-1-butenyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.38 ug/L	34506	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

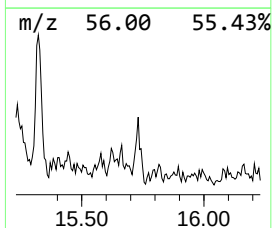
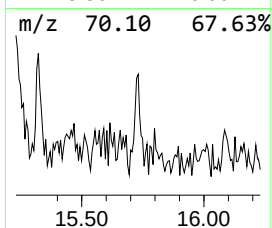
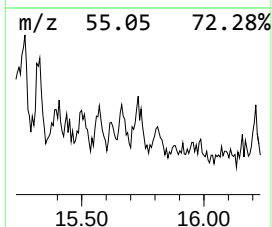
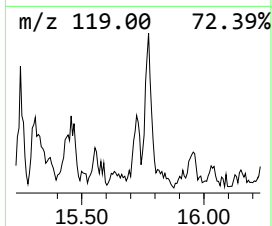
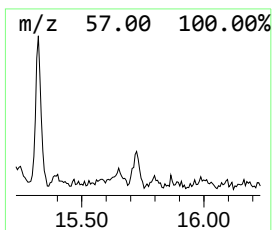
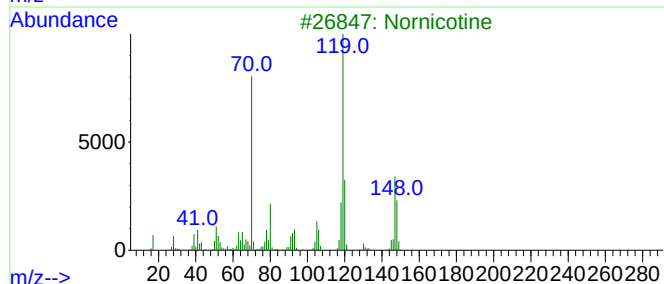
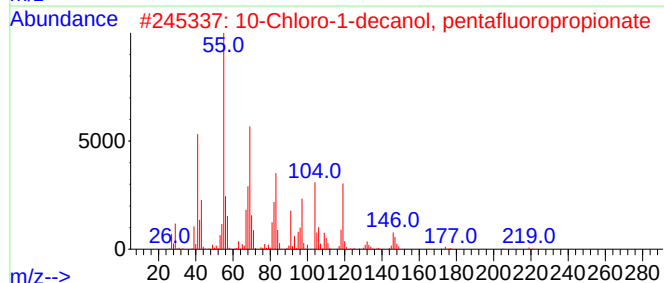
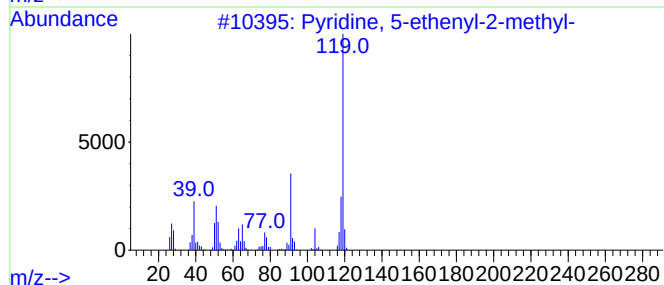
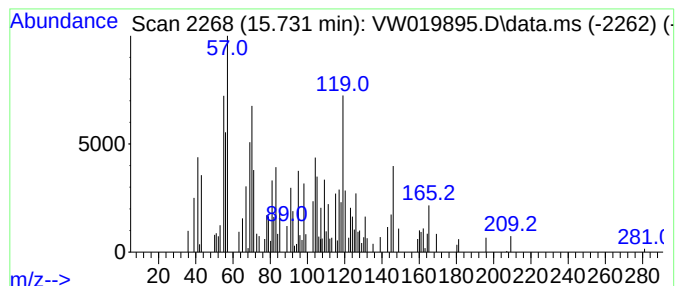
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 unknown-10 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	1.96 ug/L	28447	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	18
2			10-Chloro-1-decanol, pentafluoro...	338	C13H20ClF5O2	1010365-58-1	16
3			Nornicotine	148	C9H12N2	000494-97-3	12
4			2-Propenoic acid, 3-(1H-pyrrol-2...	165	C9H11NO2	090610-08-5	10
5			1-(4-Methyl-3-nitrobenzoyl)morph...	250	C12H14N2O4	174482-85-0	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

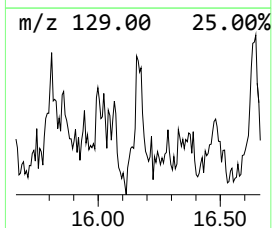
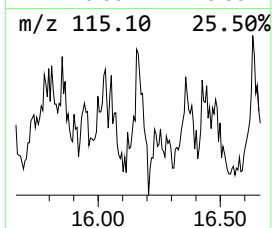
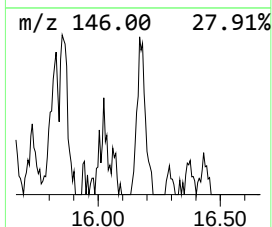
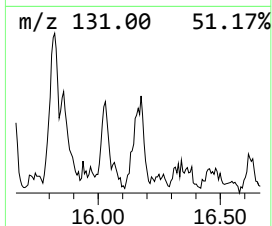
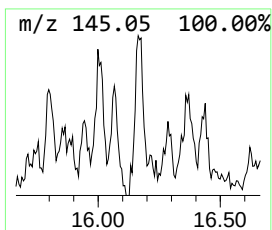
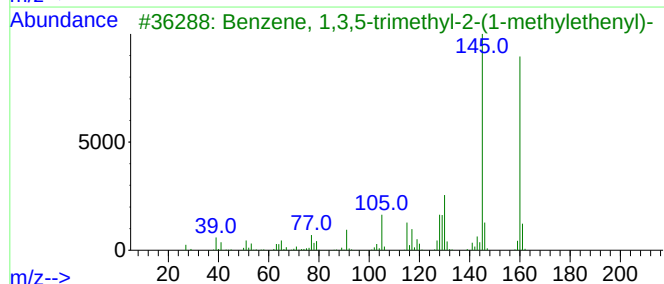
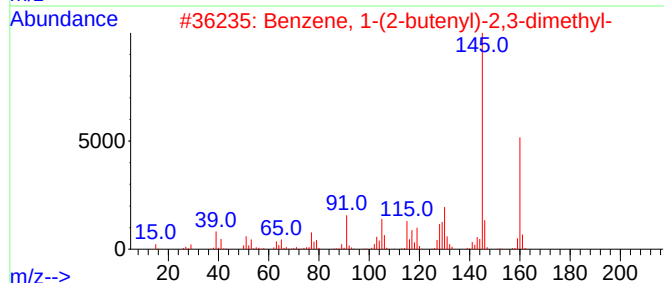
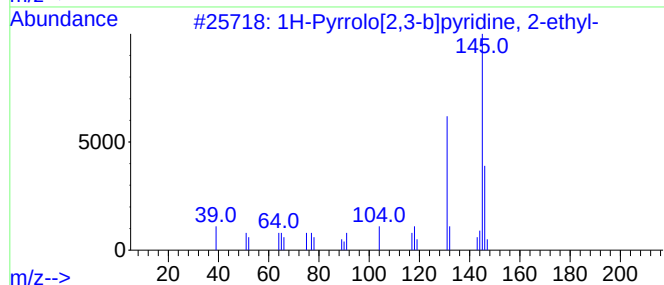
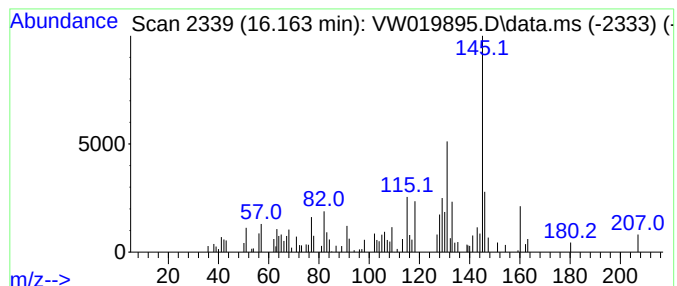
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 unknown-11 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	1.83 ug/L	26547	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	49
2			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	46
5			Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

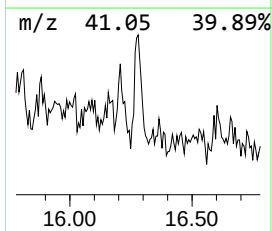
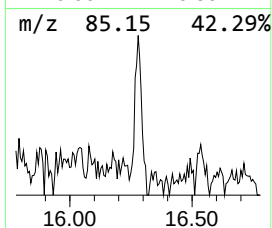
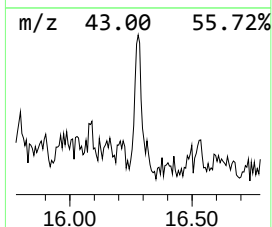
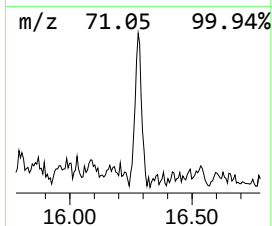
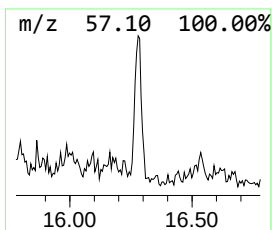
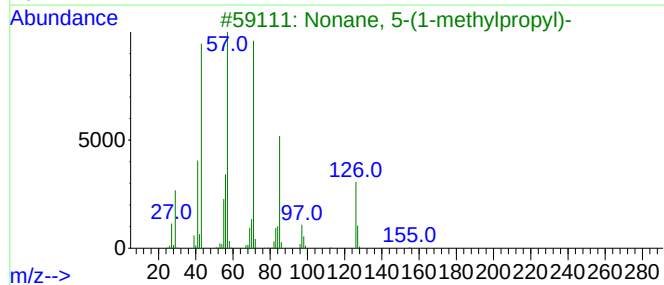
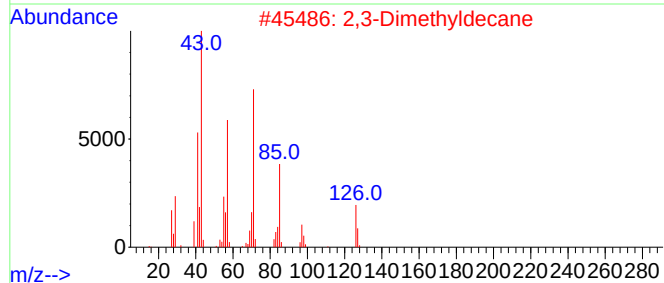
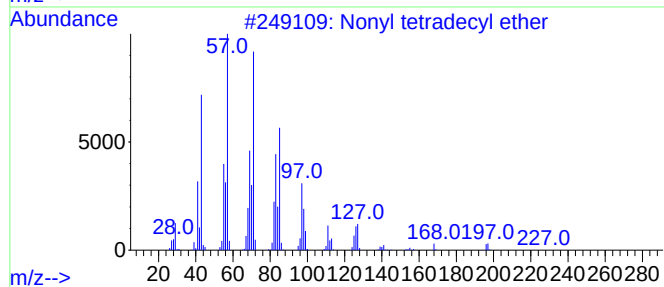
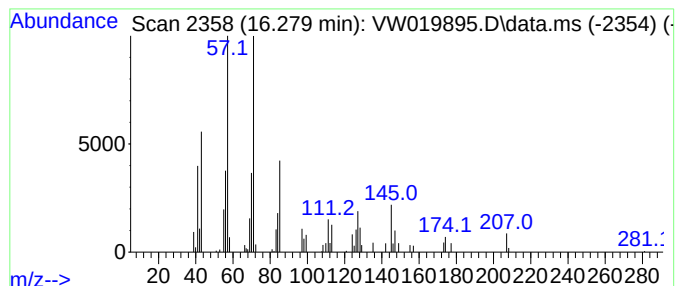
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 Nonyl tetradecyl ether Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.54 ug/L	22255	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	53
2			2,3-Dimethyldecane	170	C12H26	017312-44-6	50
3			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	47
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019895.D
Acq On : 25 Aug 2021 15:11
Operator : SY/VA
Sample : M3526-12
Misc : 3.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

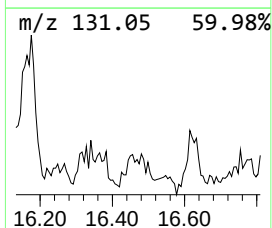
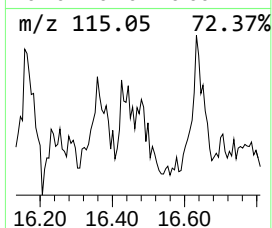
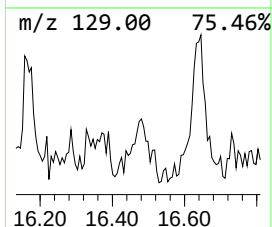
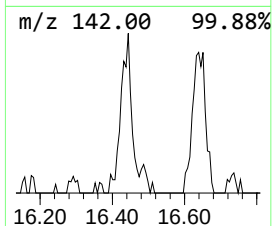
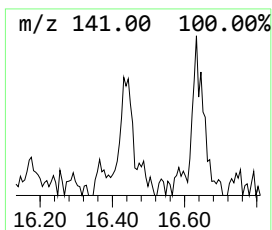
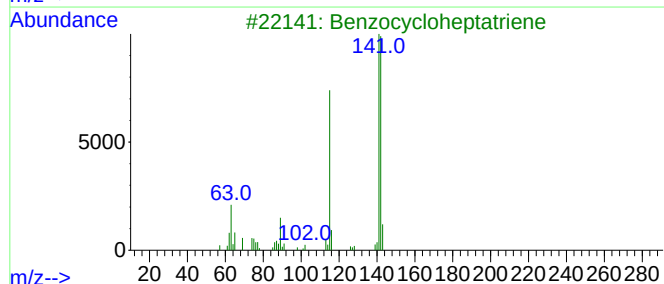
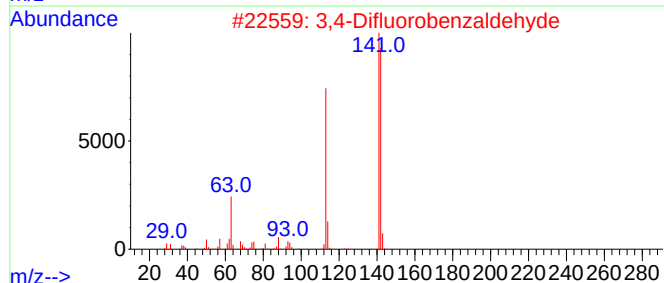
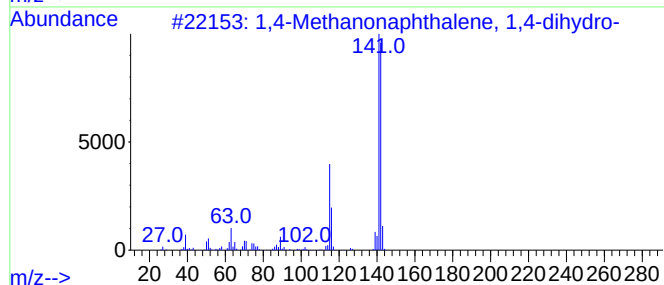
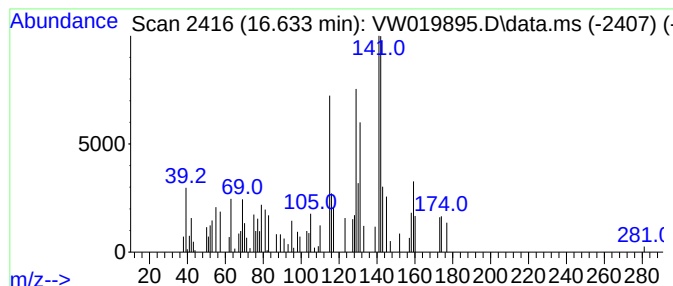
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 unknown-12 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	2.04 ug/L	29513	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	41
2			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	30
3			Benzocycloheptatriene	142	C11H10	000264-09-5	27
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	27
5			2,5-Difluorobenzaldehyde	142	C7H4F2O	002646-90-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019895.D
 Acq On : 25 Aug 2021 15:11
 Operator : SY/VA
 Sample : M3526-12
 Misc : 3.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.038	10.6	ug/L	395040	1	8.842	934943	25.0
(DEL) Alkane: S...	5.446	4.3	ug/L	159915	1	8.842	934943	25.0
(DEL) Alkane: S...	6.720	1.5	ug/L	56041	1	8.842	934943	25.0
(DEL) Alkane: S...	6.879	2.7	ug/L	100187	1	8.842	934943	25.0
(DEL) Alkane: S...	8.037	10.7	ug/L	398140	1	8.842	934943	25.0
(DEL) Alkane: C...	8.433	21.1	ug/L	789795	1	8.842	934943	25.0
(DEL) Alkane: C...	8.506	12.9	ug/L	484057	1	8.842	934943	25.0
(DEL) Alkane: C...	8.573	14.7	ug/L	550994	1	8.842	934943	25.0
(DEL) Alkane: C...	9.610	17.1	ug/L	638015	1	8.842	934943	25.0
(DEL) Alkane: C...	9.750	21.0	ug/L	786346	1	8.842	934943	25.0
(DEL) Alkane: S...	9.896	3.9	ug/L	147045	1	8.842	934943	25.0
(DEL) Alkane: S...	9.945	3.0	ug/L	113457	1	8.842	934943	25.0
(DEL) Alkane: C...	10.085	4.8	ug/L	178626	1	8.842	934943	25.0
(DEL) Alkane: S...	10.128	2.2	ug/L	80656	1	8.842	934943	25.0
unknown-01	10.213	2.1	ug/L	76990	1	8.842	934943	25.0
(DEL) Alkane: C...	10.238	2.3	ug/L	85157	1	8.842	934943	25.0
(DEL) Alkane: C...	10.451	3.5	ug/L	110122	2	11.634	776331	25.0
(DEL) Alkane: C...	10.500	20.4	ug/L	633801	2	11.634	776331	25.0
(DEL) Alkane: C...	10.665	21.4	ug/L	664100	2	11.634	776331	25.0
(DEL) Alkane: C...	10.762	12.1	ug/L	375744	2	11.634	776331	25.0
(DEL) Alkane: S...	10.847	2.2	ug/L	68149	2	11.634	776331	25.0
(DEL) Alkane: S...	11.030	6.0	ug/L	186100	2	11.634	776331	25.0
(DEL) Alkane: C...	11.110	2.4	ug/L	73370	2	11.634	776331	25.0
(DEL) Alkane: C...	11.146	3.5	ug/L	108588	2	11.634	776331	25.0
(DEL) Alkane: C...	11.177	7.2	ug/L	224469	2	11.634	776331	25.0
(DEL) Alkane: C...	11.232	27.6	ug/L	857485	2	11.634	776331	25.0
(DEL) Alkane: C...	11.286	1.8	ug/L	56587	2	11.634	776331	25.0
(DEL) Alkane: S...	11.335	7.6	ug/L	236580	2	11.634	776331	25.0
(DEL) Alkane: C...	11.439	8.2	ug/L	255196	2	11.634	776331	25.0
Pentalene, octa...	11.725	3.0	ug/L	92887	2	11.634	776331	25.0
(DEL) Alkane: C...	11.762	2.6	ug/L	81989	2	11.634	776331	25.0
(DEL) Alkane: S...	11.805	3.2	ug/L	98463	2	11.634	776331	25.0
(DEL) Alkane: C...	11.878	8.9	ug/L	276044	2	11.634	776331	25.0
(DEL) Alkane: C...	11.975	1.6	ug/L	49168	2	11.634	776331	25.0
Cyclohexene, 1-...	12.042	3.4	ug/L	104786	2	11.634	776331	25.0
(DEL) Alkane: C...	12.140	11.7	ug/L	361664	2	11.634	776331	25.0
(DEL) Alkane: S...	12.250	2.5	ug/L	76344	2	11.634	776331	25.0
(DEL) Alkane: C...	12.298	2.1	ug/L	66447	2	11.634	776331	25.0
1H-Indene, octa...	12.341	13.3	ug/L	413156	2	11.634	776331	25.0
unknown-02	12.615	2.2	ug/L	32020	3	13.554	362022	25.0
(DEL) Alkane: S...	12.780	21.8	ug/L	315024	3	13.554	362022	25.0
unknown-03	12.859	7.1	ug/L	103181	3	13.554	362022	25.0
(DEL) Alkane: S...	12.932	17.0	ug/L	246425	3	13.554	362022	25.0
unknown-04	12.993	3.4	ug/L	48440	3	13.554	362022	25.0
(DEL) Alkane: S...	13.079	3.2	ug/L	46333	3	13.554	362022	25.0
unknown-05	13.170	10.6	ug/L	152882	3	13.554	362022	25.0
(DEL) Alkane: S...	13.262	2.0	ug/L	29410	3	13.554	362022	25.0
unknown-06	13.377	2.5	ug/L	36110	3	13.554	362022	25.0
(DEL) Alkane: C...	13.445	6.6	ug/L	95782	3	13.554	362022	25.0
(DEL) Alkane: C...	13.694	6.3	ug/L	91750	3	13.554	362022	25.0
4-amino-1-methy...	14.011	1.5	ug/L	21819	3	13.554	362022	25.0
p-Cymene	14.091	6.5	ug/L	93872	3	13.554	362022	25.0

1-Methyl-2-phen...	14.200	5.5	ug/L	79921	3	13.554	362022	25.0
unknown-07	14.261	2.7	ug/L	39393	3	13.554	362022	25.0
Cyclohexene, 1-...	14.322	1.9	ug/L	26932	3	13.554	362022	25.0
Naphthalene, de...	14.383	6.8	ug/L	99196	3	13.554	362022	25.0
Benzene, 1,2,4,...	14.414	4.2	ug/L	61212	3	13.554	362022	25.0
1-Methyldecahyd...	14.548	4.9	ug/L	70935	3	13.554	362022	25.0
unknown-08	14.731	1.7	ug/L	25162	3	13.554	362022	25.0
Benzene, 1,2,3,...	14.792	12.3	ug/L	178288	3	13.554	362022	25.0
Benzene, 1-meth...	14.853	5.1	ug/L	73517	3	13.554	362022	25.0
Benzene, pentam...	15.060	3.5	ug/L	50857	3	13.554	362022	25.0
4-Methyl-2H-ben...	15.103	2.2	ug/L	31425	3	13.554	362022	25.0
1H-Indene, 2,3-...	15.170	5.5	ug/L	79358	3	13.554	362022	25.0
(DEL) Alkane: S...	15.316	5.3	ug/L	77537	3	13.554	362022	25.0
unknown-09	15.499	3.9	ug/L	56324	3	13.554	362022	25.0
Benzene, (1-met...	15.651	2.4	ug/L	34506	3	13.554	362022	25.0
unknown-10	15.731	2.0	ug/L	28447	3	13.554	362022	25.0
unknown-11	16.163	1.8	ug/L	26547	3	13.554	362022	25.0
Nonyl tetradecy...	16.279	1.5	ug/L	22255	3	13.554	362022	25.0
unknown-12	16.633	2.0	ug/L	29513	3	13.554	362022	25.0

Instrument :
MSVOA_W
ClientSampleId :
EW7C2