

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
 Data File : VW019909.D
 Acq On : 26 Aug 2021 11:59
 Operator : SY/VA
 Sample : M3526-12
 Misc : 5.38g/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: VW019909.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	67	75	91	rBV	103723	207898	12.14%	1.057%
2	2.897	155	163	178	rBV	76673	197165	11.51%	1.002%
3	3.038	179	186	194	rVV2	17184	41696	2.43%	0.212%
4	4.025	337	348	360	rBV2	130628	414544	24.21%	2.108%
5	4.135	360	366	381	rVB2	11371	36558	2.13%	0.186%
6	4.928	480	496	520	rBV3	43106	167002	9.75%	0.849%
7	5.452	570	582	595	rBV2	15388	54558	3.19%	0.277%
8	6.878	807	816	830	rBV4	10569	37199	2.17%	0.189%
9	7.080	841	849	858	rBV	28439	82846	4.84%	0.421%
10	7.653	931	943	960	rVV	214812	534902	31.24%	2.720%
11	7.958	984	993	998	rVV4	6836	17260	1.01%	0.088%
12	8.037	998	1006	1019	rVV2	52651	136050	7.95%	0.692%
13	8.226	1030	1037	1038	rVV2	35233	62292	3.64%	0.317%
14	8.281	1039	1046	1061	rVV2	432704	1247649	72.86%	6.344%
15	8.439	1061	1072	1078	rVV3	114489	283366	16.55%	1.441%
16	8.512	1078	1084	1089	rVV2	99985	221123	12.91%	1.124%
17	8.579	1089	1095	1109	rVB	100515	237141	13.85%	1.206%
18	8.848	1130	1139	1148	rBV	420822	829351	48.43%	4.217%
19	9.280	1200	1210	1216	rBV3	314340	832933	48.64%	4.235%
20	9.335	1216	1219	1225	rVV	188109	372133	21.73%	1.892%
21	9.384	1225	1227	1236	rVB2	40011	67642	3.95%	0.344%
22	9.518	1243	1249	1254	rVV	13652	25332	1.48%	0.129%
23	9.610	1254	1264	1272	rVB	143784	296140	17.29%	1.506%
24	9.756	1279	1288	1300	rBV	183011	366478	21.40%	1.863%
25	9.902	1305	1312	1315	rBV	38616	69046	4.03%	0.351%
26	9.945	1315	1319	1326	rVB	31164	59201	3.46%	0.301%
27	10.036	1328	1334	1339	rBV	141452	270382	15.79%	1.375%
28	10.085	1339	1342	1346	rVV2	48182	80019	4.67%	0.407%
29	10.128	1346	1349	1357	rVB	30414	52379	3.06%	0.266%
30	10.219	1357	1364	1365	rBV2	21413	38355	2.24%	0.195%
31	10.244	1365	1368	1373	rVB2	25440	43203	2.52%	0.220%
32	10.323	1373	1381	1396	rBV	863916	1712390	100.00%	8.707%
33	10.445	1396	1401	1404	rBV	41228	70592	4.12%	0.359%
34	10.506	1404	1411	1418	rVB3	128695	332245	19.40%	1.689%
35	10.579	1418	1423	1427	rBV	89629	163275	9.53%	0.830%
36	10.622	1427	1430	1433	rVV2	41097	59741	3.49%	0.304%

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Peak Location: TOP

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

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

37	10.664	1433	1437	1445	rVB	180835	322911	18.86%	1.642%
38	10.762	1445	1453	1458	rBV3	82350	174680	10.20%	0.888%
39	10.847	1463	1467	1472	rVB2	34087	55974	3.27%	0.285%
40	10.933	1472	1481	1487	rBV2	174990	339431	19.82%	1.726%
41	11.036	1487	1498	1506	rBV4	47183	139481	8.15%	0.709%
42	11.109	1506	1510	1513	rBV2	38063	63399	3.70%	0.322%
43	11.146	1513	1516	1517	rBV2	32051	34014	1.99%	0.173%
44	11.176	1517	1521	1525	rVV	141104	231818	13.54%	1.179%
45	11.231	1525	1530	1536	rVB	315562	539907	31.53%	2.745%
46	11.286	1536	1539	1542	rVB	28665	33614	1.96%	0.171%
47	11.335	1542	1547	1552	rVB2	112659	186069	10.87%	0.946%
48	11.384	1552	1555	1558	rVB	16627	19475	1.14%	0.099%
49	11.439	1558	1564	1571	rVB	104766	191639	11.19%	0.974%
50	11.506	1571	1575	1580	rBV	23896	39367	2.30%	0.200%
51	11.554	1580	1583	1589	rBV5	12636	22894	1.34%	0.116%
52	11.634	1589	1596	1605	rBV	509871	885466	51.71%	4.502%
53	11.725	1606	1611	1614	rBV	30668	47007	2.75%	0.239%
54	11.768	1614	1618	1621	rBV	45209	65098	3.80%	0.331%
55	11.804	1621	1624	1630	rBV4	43327	74480	4.35%	0.379%
56	11.878	1630	1636	1639	rBV	102288	171581	10.02%	0.872%
57	11.914	1640	1642	1648	rVB2	87545	131319	7.67%	0.668%
58	11.975	1648	1652	1658	rBV4	24969	47928	2.80%	0.244%
59	12.048	1658	1664	1671	rVB5	25652	68794	4.02%	0.350%
60	12.140	1671	1679	1686	rBV3	131094	306616	17.91%	1.559%
61	12.249	1690	1697	1701	rVB2	80273	159588	9.32%	0.811%
62	12.304	1701	1706	1707	rBV2	38466	54115	3.16%	0.275%
63	12.341	1707	1712	1723	rBV4	147695	534109	31.19%	2.716%
64	12.457	1728	1731	1735	rVV4	38620	87017	5.08%	0.442%
65	12.505	1735	1739	1752	rVB7	58762	189146	11.05%	0.962%
66	12.615	1752	1757	1762	rBV3	23431	43363	2.53%	0.220%
67	12.694	1763	1770	1776	rBV	242609	421896	24.64%	2.145%
68	12.780	1776	1784	1791	rVB2	150002	291348	17.01%	1.481%
69	12.859	1791	1797	1802	rBV6	46745	116204	6.79%	0.591%
70	12.932	1802	1809	1816	rVV4	113953	333020	19.45%	1.693%
71	12.993	1816	1819	1824	rVB2	45835	66294	3.87%	0.337%
72	13.079	1829	1833	1837	rBV2	32722	45919	2.68%	0.233%
73	13.121	1837	1840	1843	rBV2	17735	25399	1.48%	0.129%
74	13.164	1843	1847	1859	rVB4	77886	166539	9.73%	0.847%
75	13.261	1859	1863	1865	rBV3	17229	27191	1.59%	0.138%
76	13.292	1865	1868	1872	rVB3	15297	19427	1.13%	0.099%

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77	13.377	1879	1882	1886	rVB4	25836	34475	2.01%	0.175%
78	13.444	1887	1893	1897	rBV3	69633	139057	8.12%	0.707%
79	13.554	1906	1911	1920	rVB	384055	640300	37.39%	3.256%
80	13.694	1930	1934	1948	rVB7	39149	109270	6.38%	0.556%
81	13.853	1948	1960	1969	rBV	372091	871010	50.87%	4.429%
82	13.981	1976	1981	1983	rBV4	19960	32876	1.92%	0.167%
83	14.011	1984	1986	1991	rVB5	12956	17532	1.02%	0.089%
84	14.066	1991	1995	1997	rBV3	35781	55039	3.21%	0.280%
85	14.200	2012	2017	2023	rVB3	36380	75499	4.41%	0.384%
86	14.267	2023	2028	2033	rBV5	22440	42452	2.48%	0.216%
87	14.316	2033	2036	2039	rBV3	18344	27879	1.63%	0.142%
88	14.383	2043	2047	2051	rBV2	67074	99976	5.84%	0.508%
89	14.548	2069	2074	2080	rBV6	48625	92262	5.39%	0.469%
90	14.700	2095	2099	2101	rBV5	10060	16310	0.95%	0.083%
91	14.737	2101	2105	2109	rVV5	19563	34988	2.04%	0.178%
92	14.792	2109	2114	2118	rVV	136115	237521	13.87%	1.208%
93	14.840	2118	2122	2129	rVB2	76269	156403	9.13%	0.795%
94	15.060	2154	2158	2162	rVB4	28033	45476	2.66%	0.231%
95	15.103	2162	2165	2166	rBV	15647	15848	0.93%	0.081%
96	15.170	2171	2176	2183	rVV3	32178	71314	4.16%	0.363%
97	15.322	2196	2201	2208	rVB2	120785	200239	11.69%	1.018%
98	15.724	2263	2267	2275	rBV3	27810	49443	2.89%	0.251%
99	16.163	2336	2339	2344	rBV4	10727	17557	1.03%	0.089%
100	16.279	2353	2358	2365	rVB2	48734	91264	5.33%	0.464%

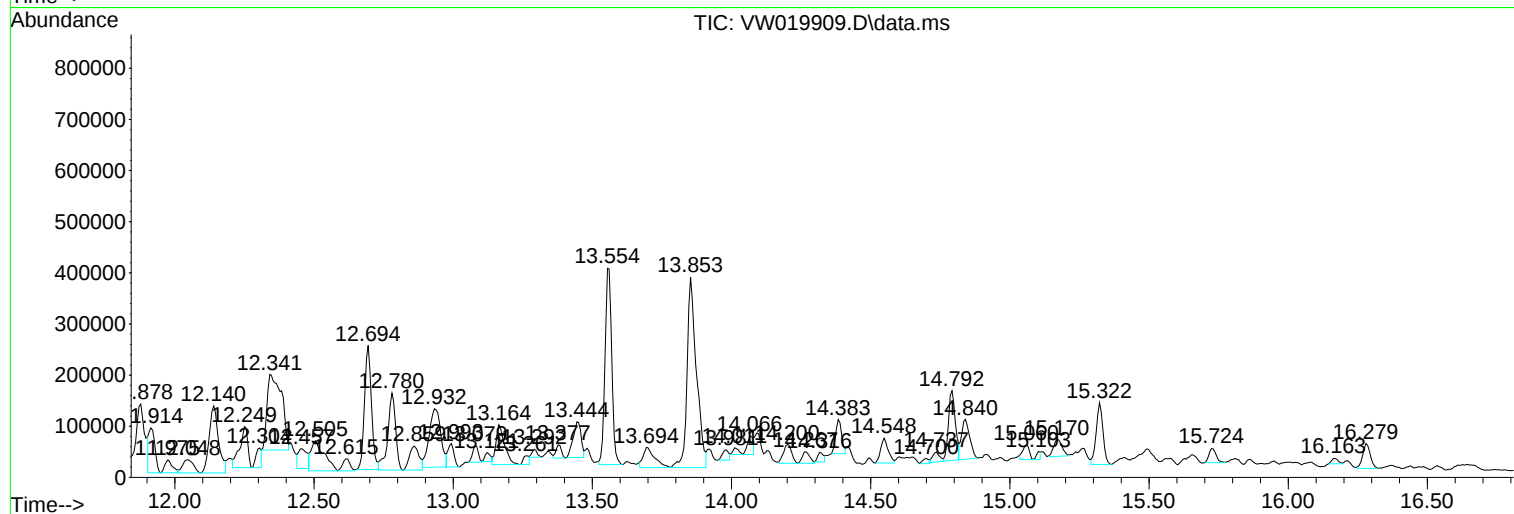
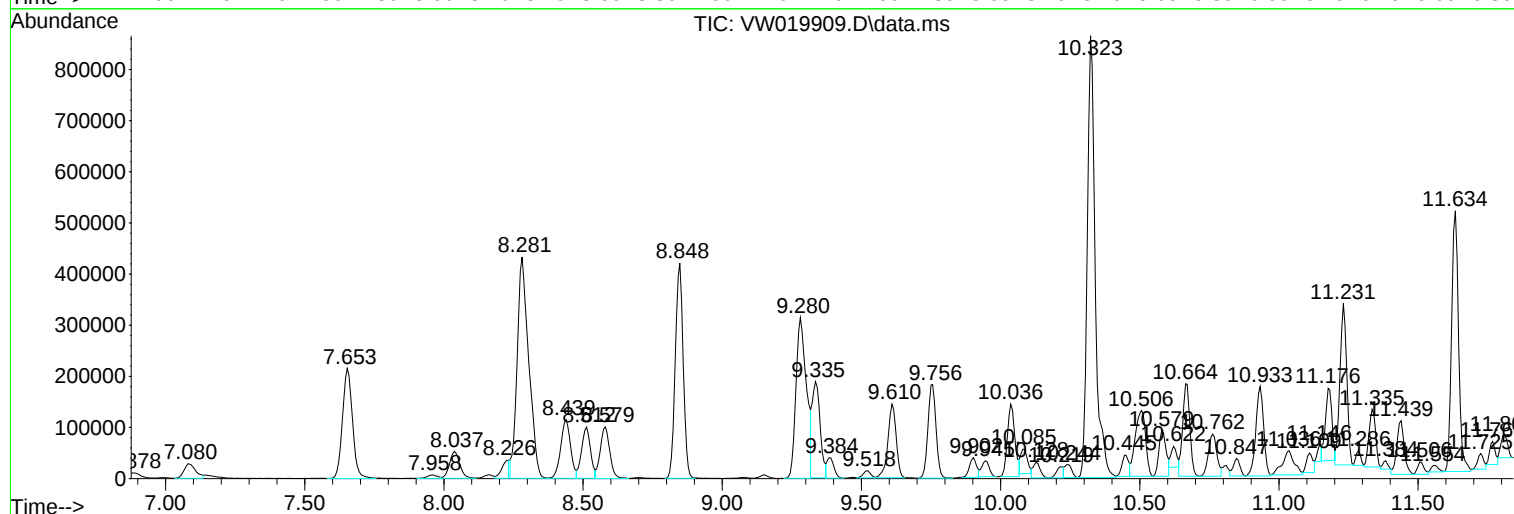
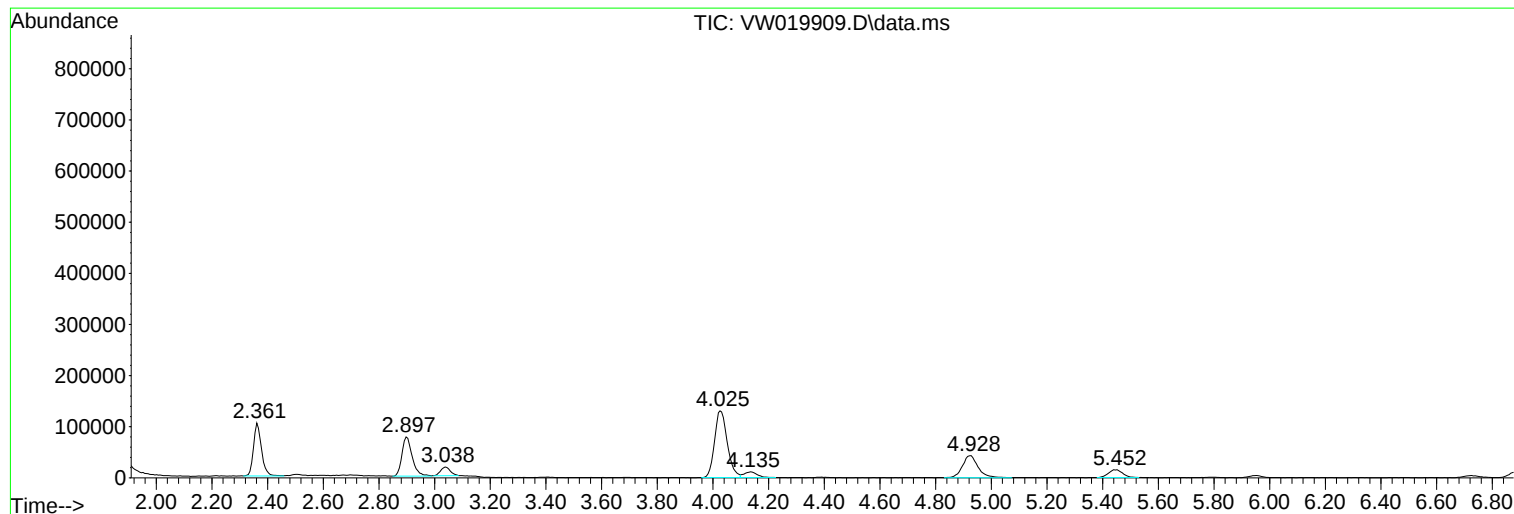
Sum of corrected areas: 19667613

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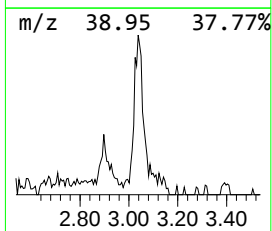
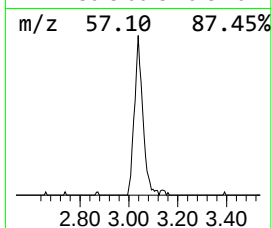
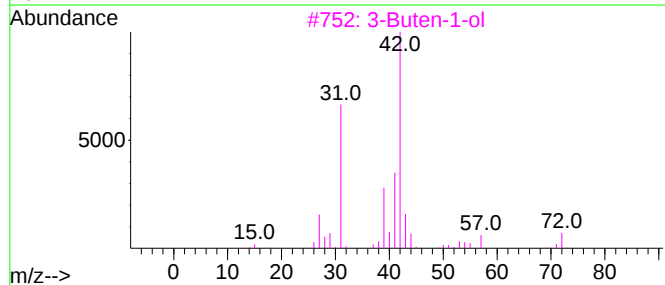
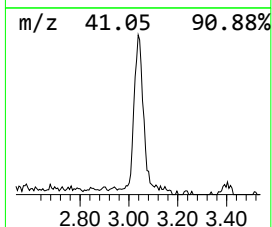
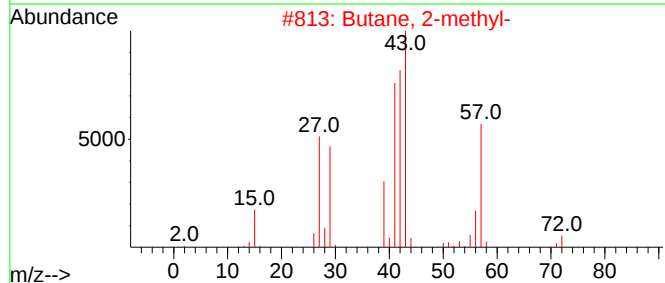
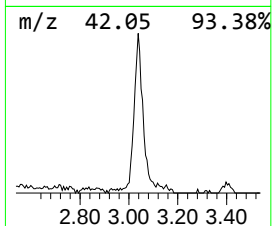
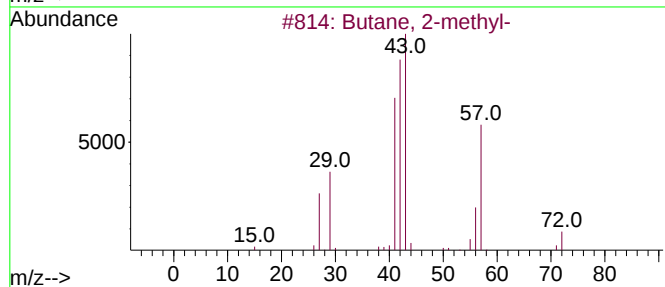
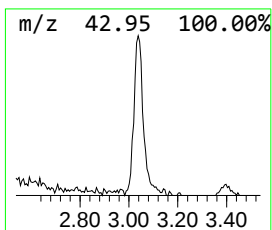
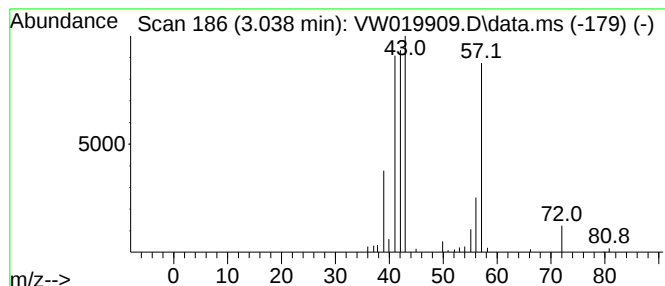
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	1.26 ug/L	41696	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	78
3	3-Buten-1-ol			72	C4H8O	000627-27-0	37
4	Pentane			72	C5H12	000109-66-0	33
5	2(3H)-Furanone, dihydro-4-methyl-			100	C5H8O2	001679-49-8	25



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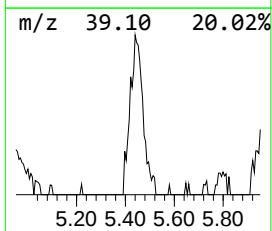
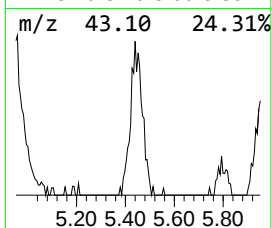
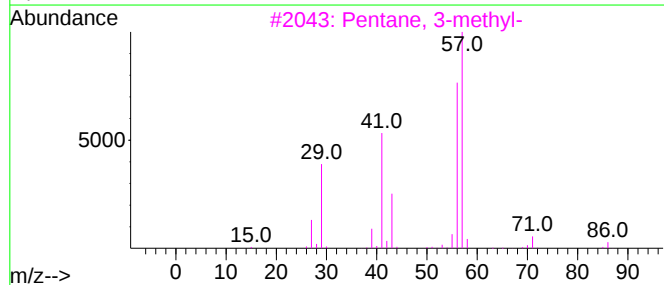
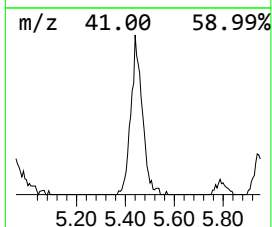
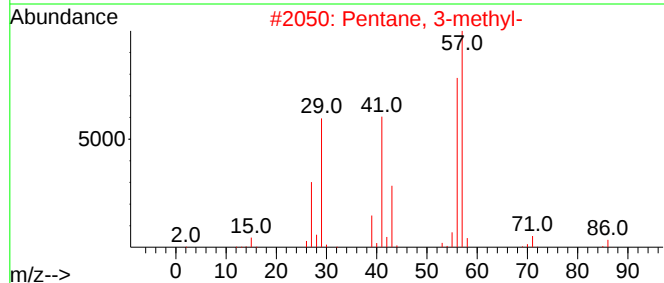
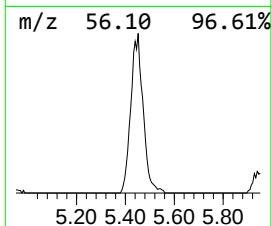
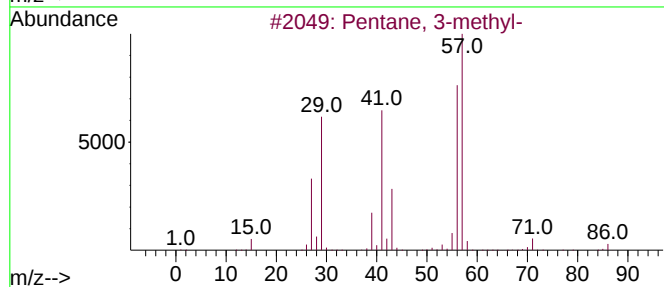
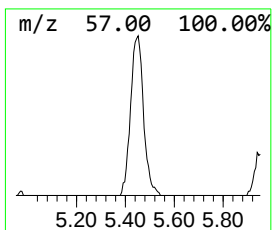
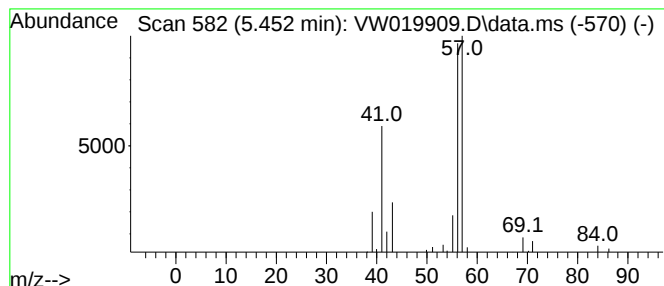
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.452	1.64 ug/L	54558	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40



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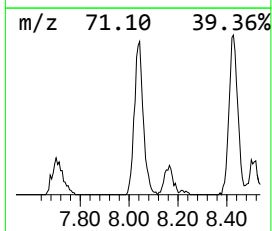
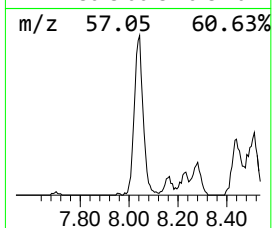
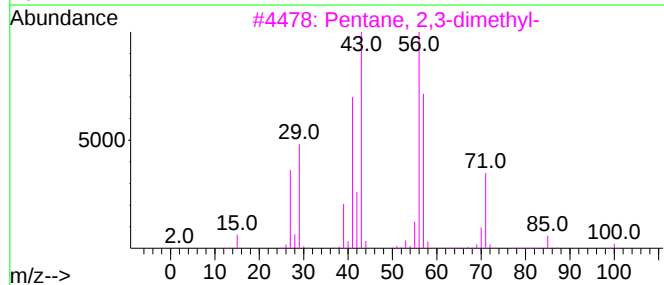
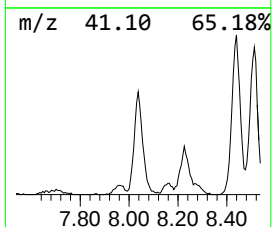
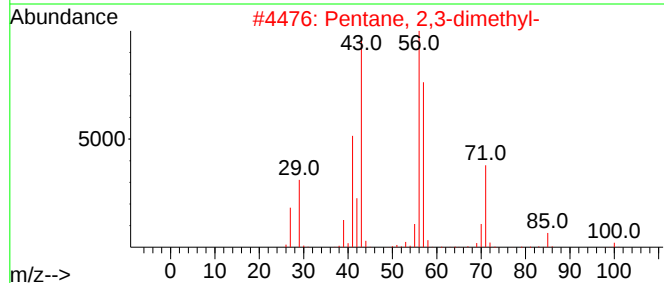
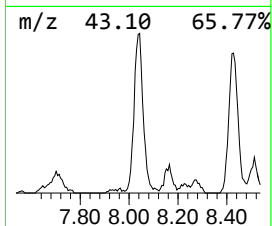
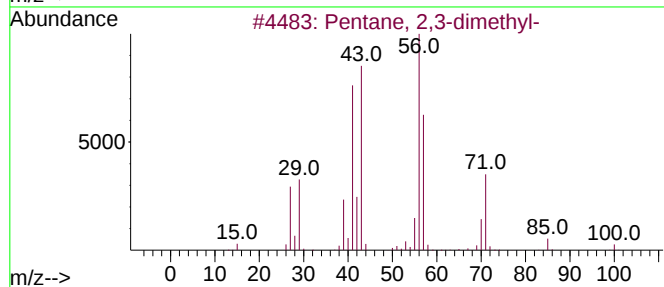
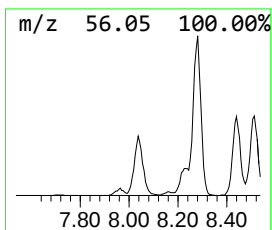
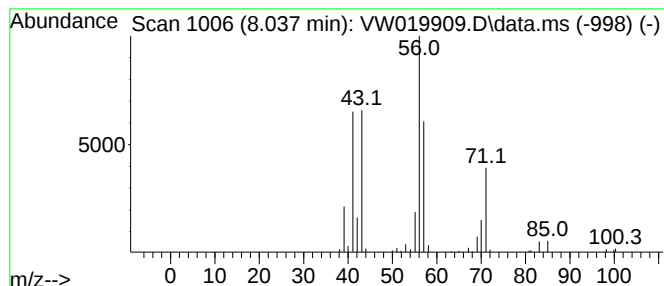
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	4.10 ug/L	136050	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
5		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

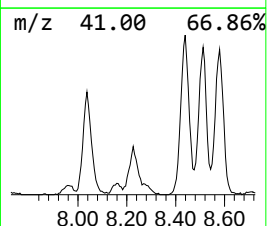
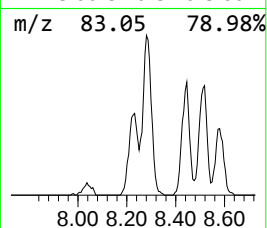
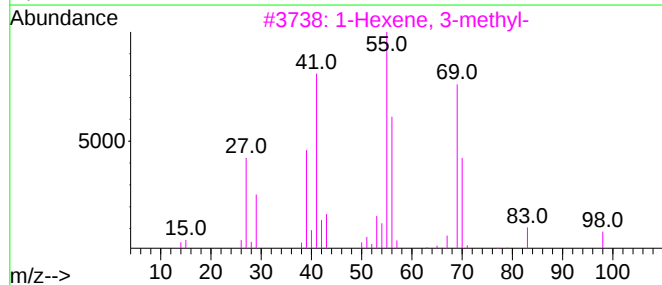
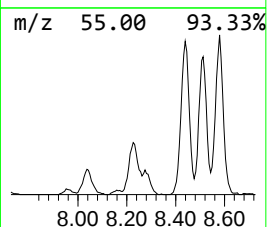
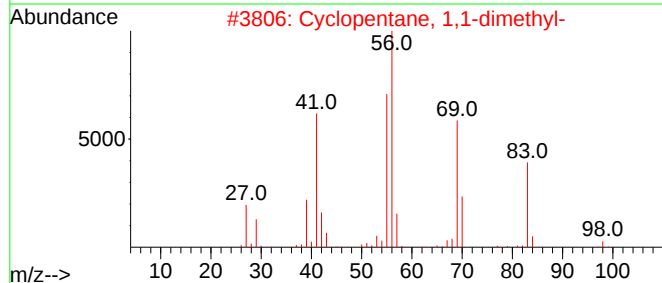
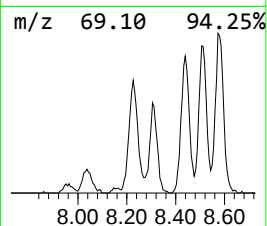
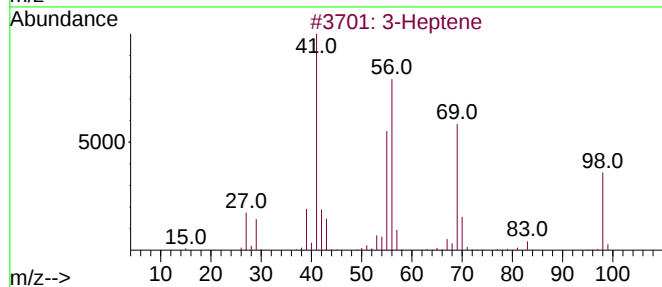
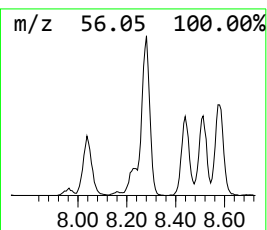
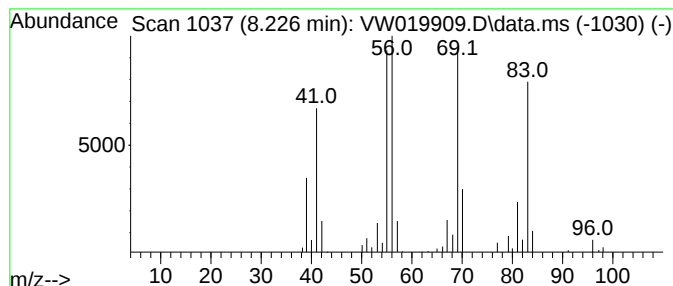
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.226	1.88 ug/L	62292	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene	98	C7H14	000592-78-9	50
2		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
3		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
4		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
5		1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

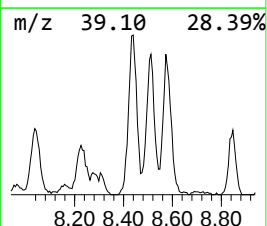
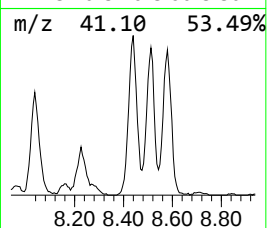
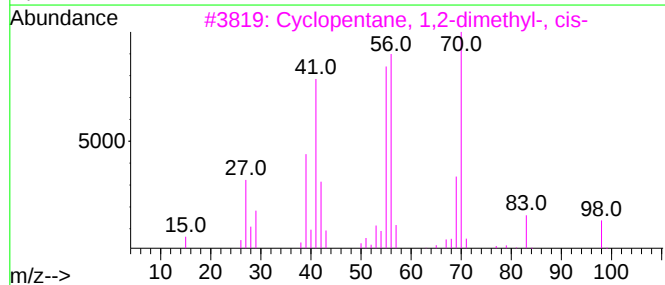
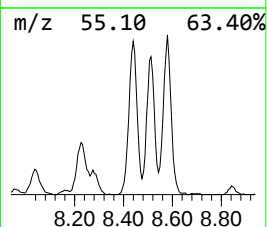
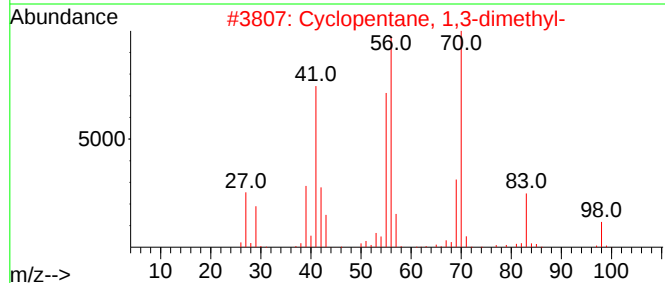
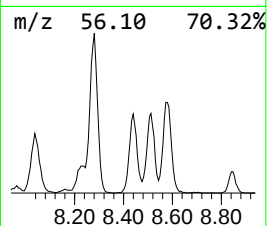
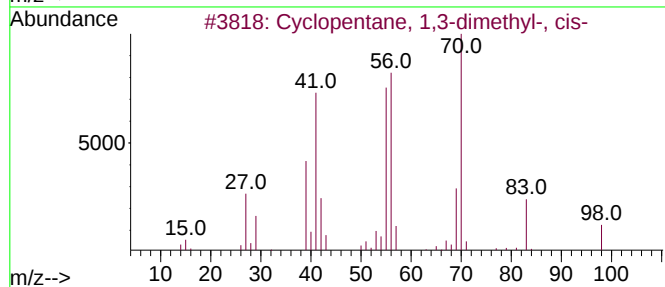
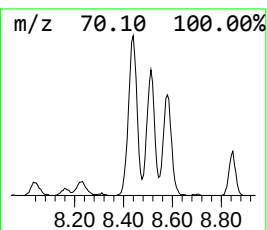
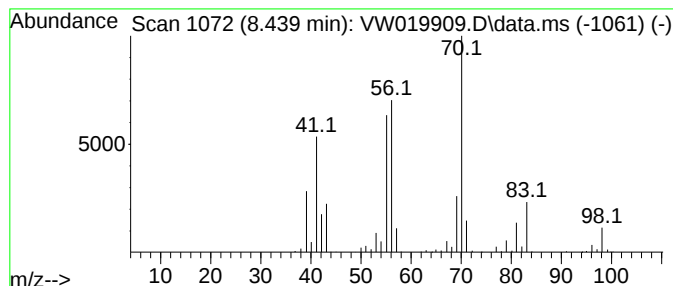
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic8.439 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	8.54 ug/L	283366	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
4			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

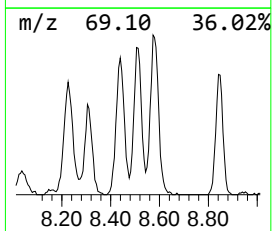
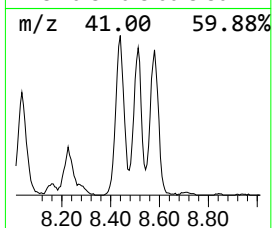
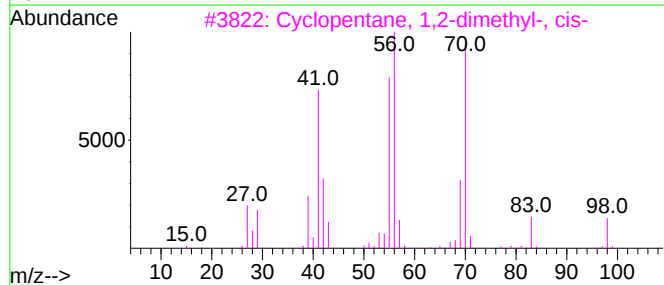
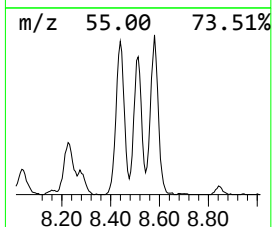
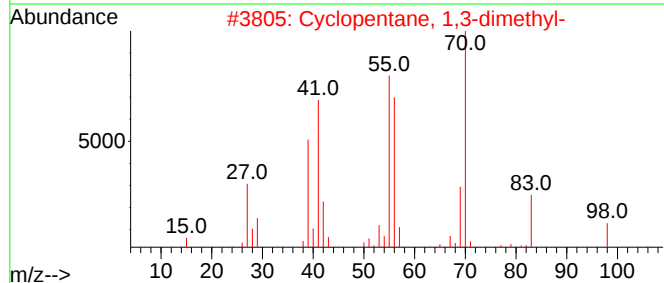
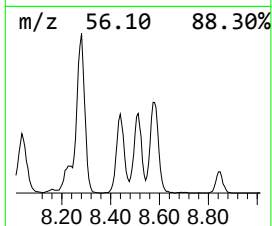
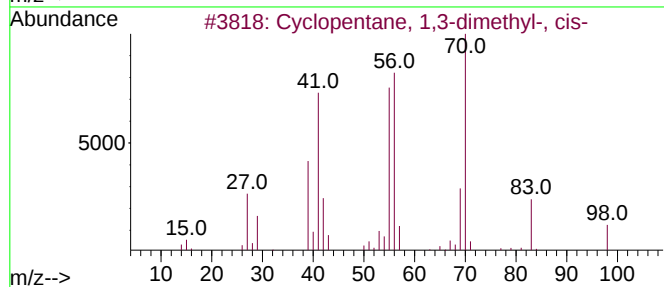
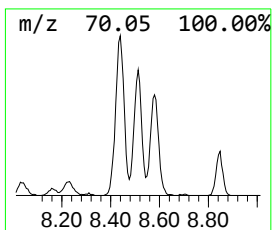
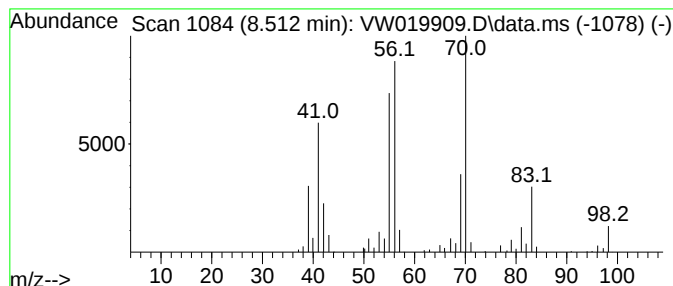
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic8.512 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.512	6.67 ug/L	221123	1,4-Difluorobenzene	8.848

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

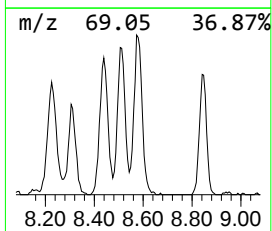
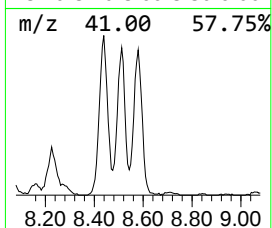
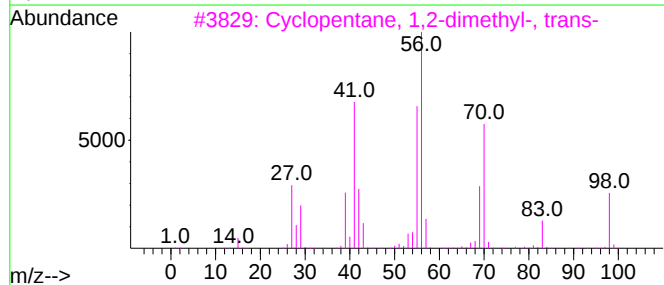
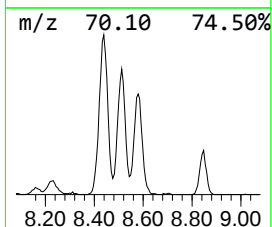
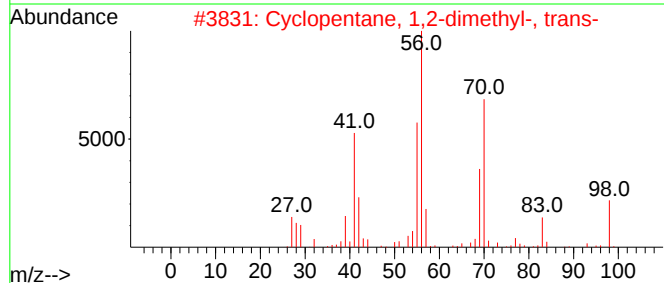
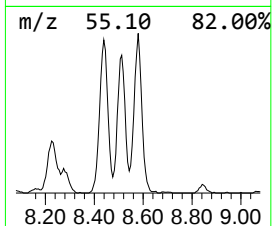
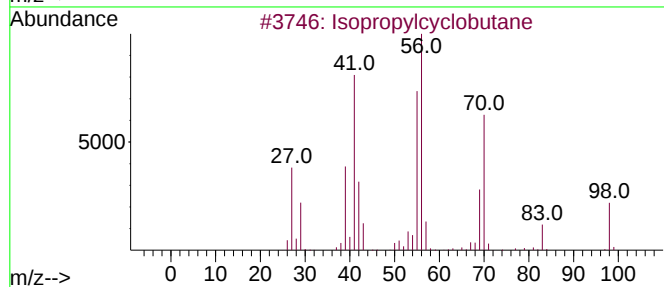
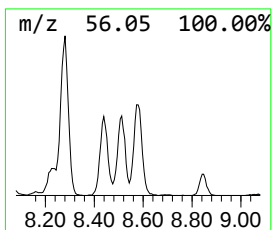
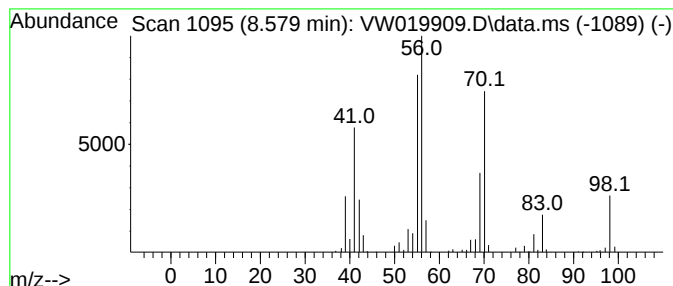
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic8.579 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.579	7.15 ug/L	237141	1,4-Difluorobenzene	8.848

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		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5		1-Heptene	98	C7H14	000592-76-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

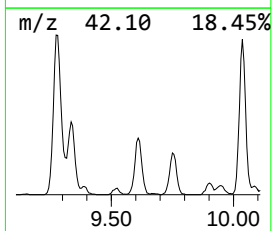
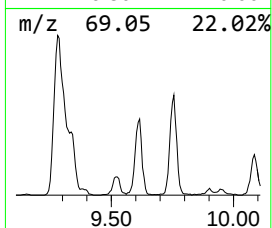
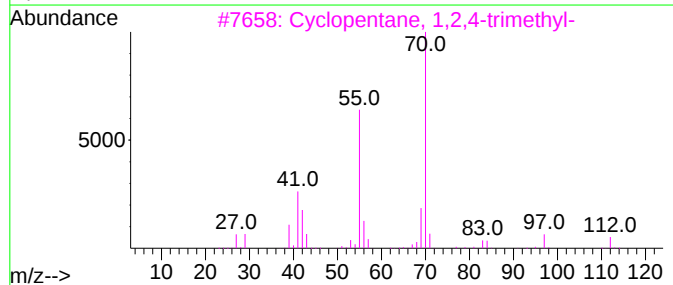
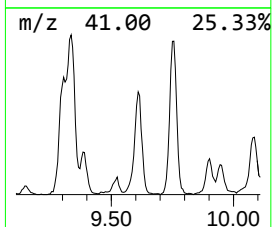
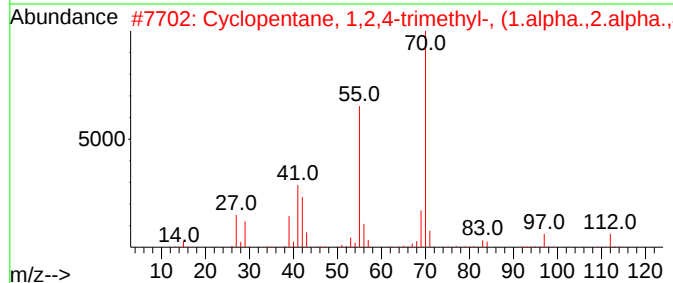
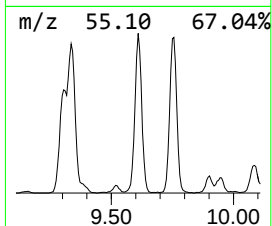
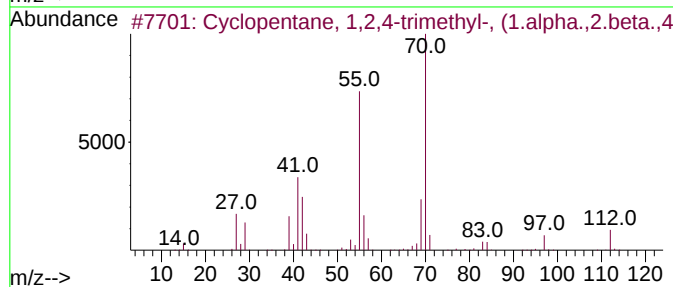
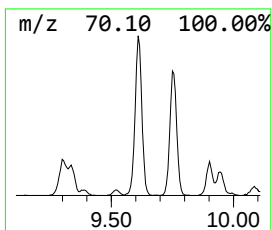
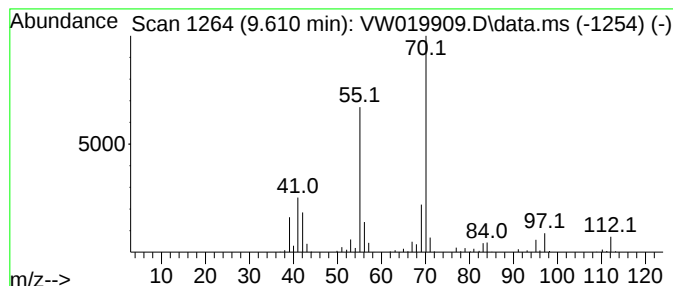
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic9.610 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	8.93 ug/L	296140	1,4-Difluorobenzene	8.848

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	004850-28-6	91
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

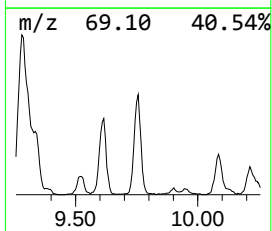
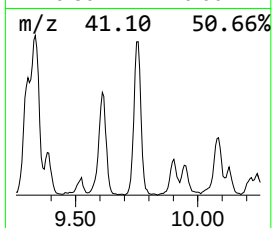
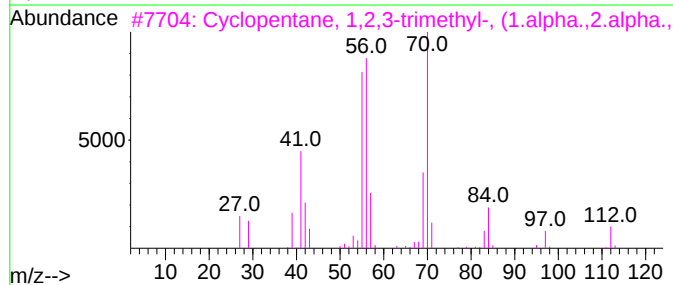
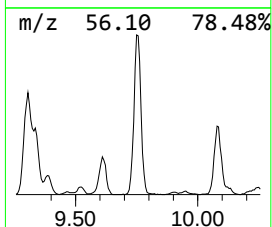
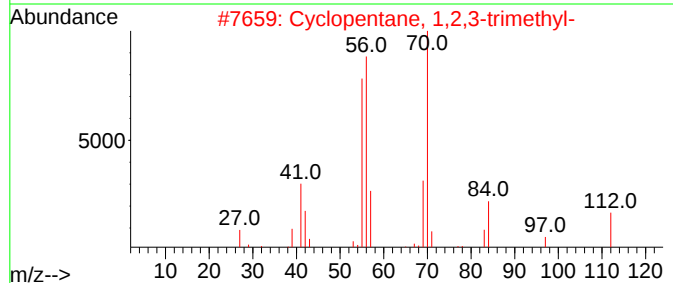
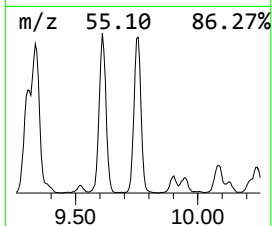
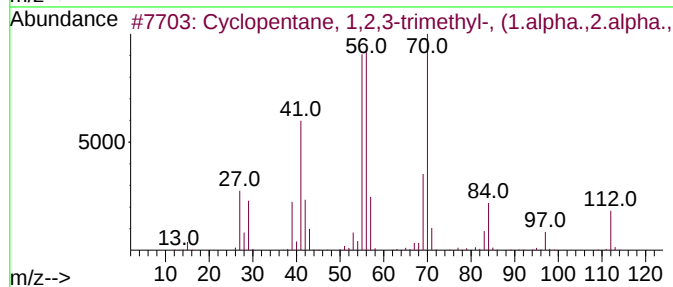
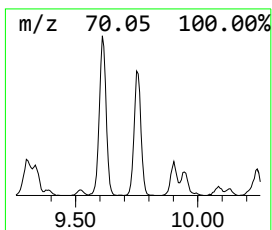
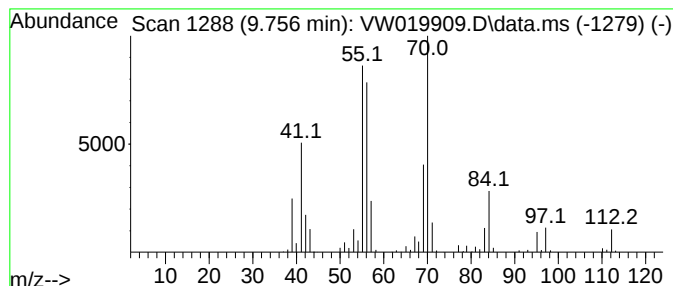
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic9.756 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	11.05 ug/L	366478	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

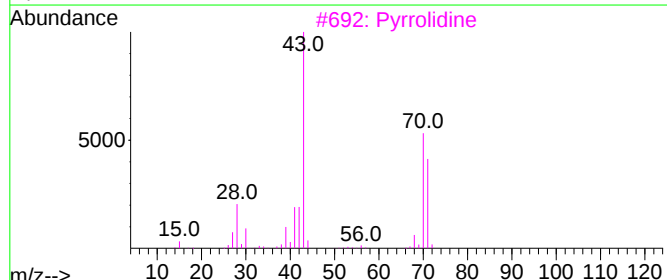
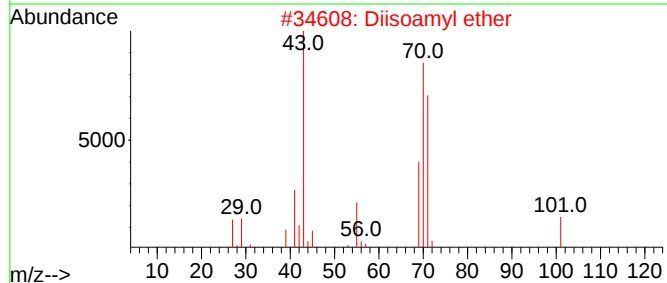
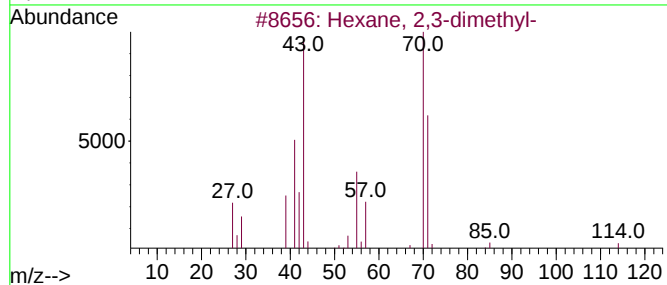
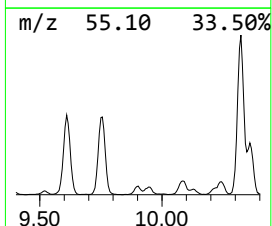
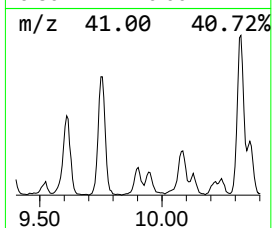
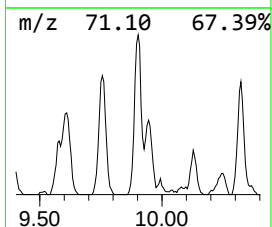
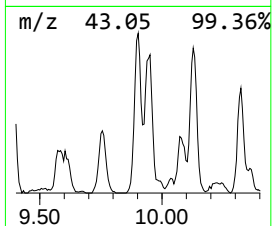
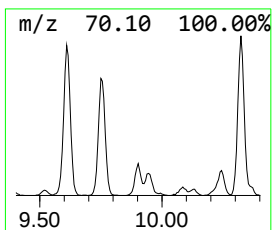
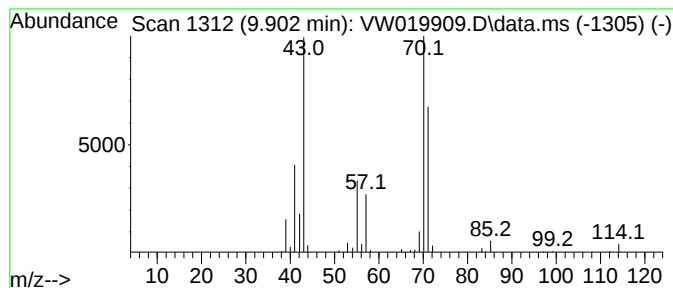
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	2.08 ug/L	69046	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	90
2		Diisoamyl ether	158	C10H22O	000544-01-4	72
3		Pyrrolidine	71	C4H9N	000123-75-1	72
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
5		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

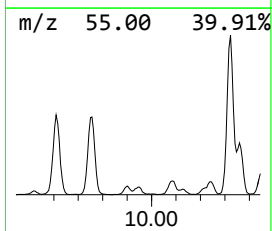
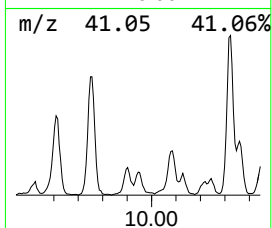
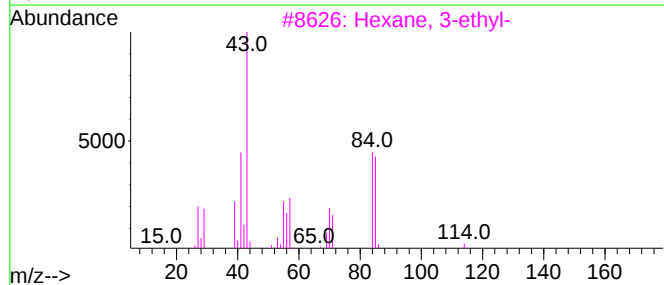
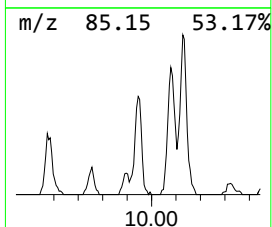
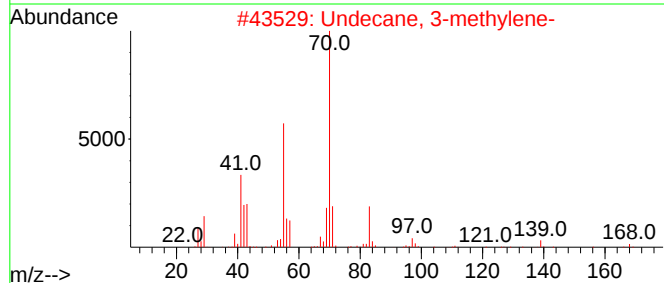
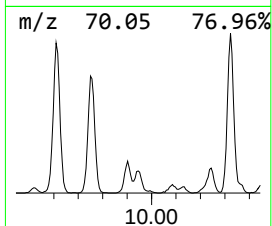
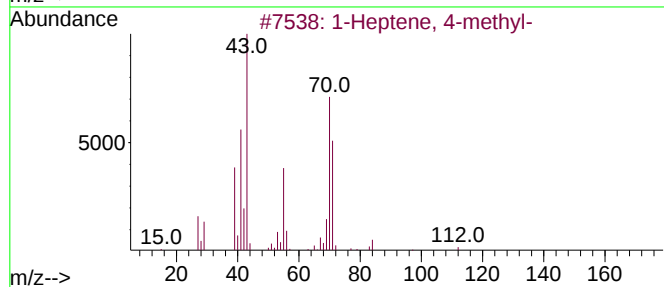
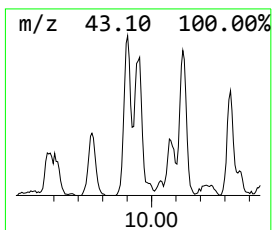
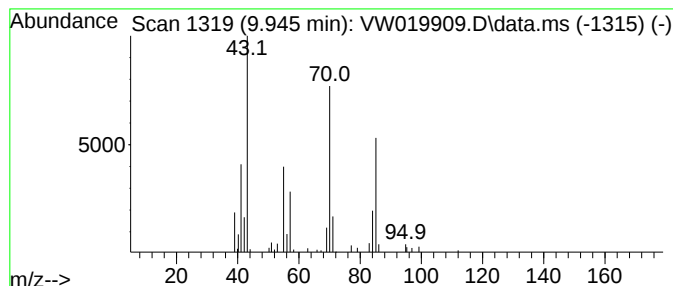
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	1.78 ug/L	59201	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptene, 4-methyl-	112	C8H16	013151-05-8	50
2		Undecane, 3-methylene-	168	C12H24	071138-64-2	43
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4		Methacrolein	70	C4H6O	000078-85-3	43
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

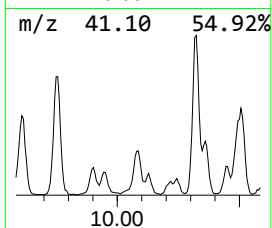
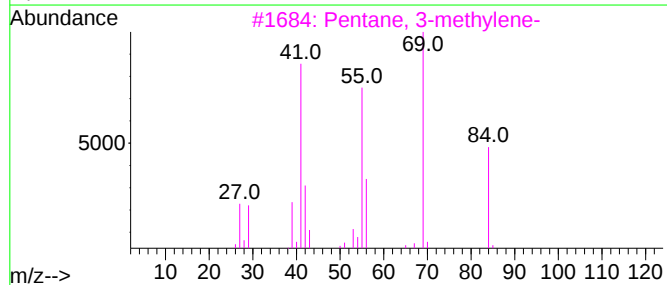
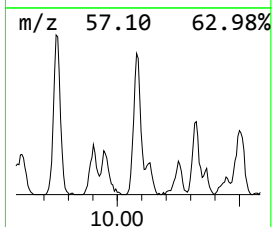
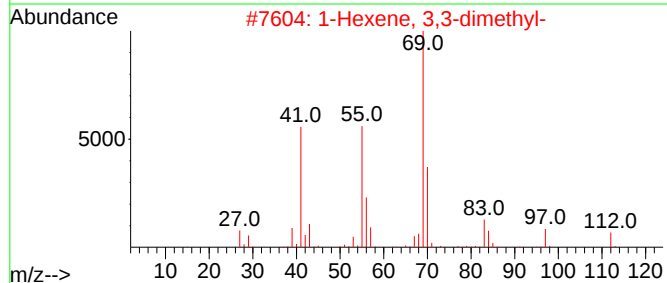
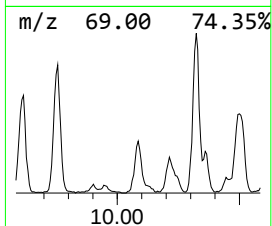
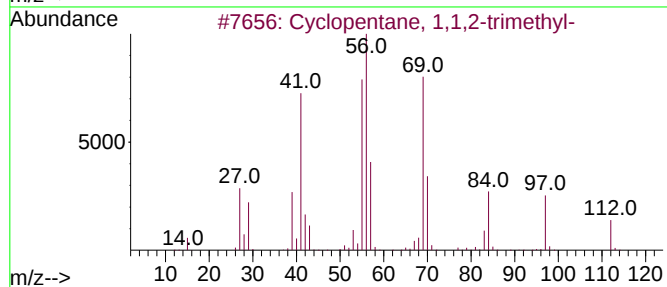
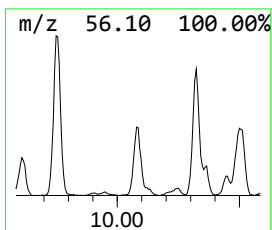
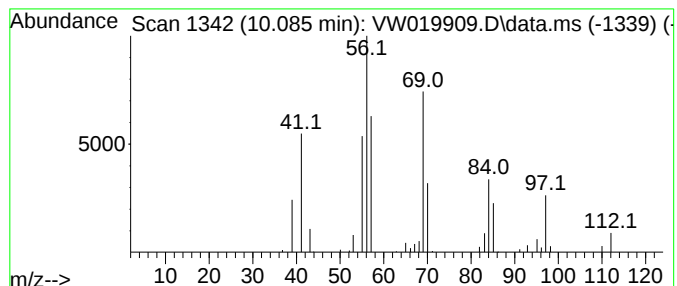
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

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 13 (DEL) Alkane: Cyclic10.085 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.085	2.41 ug/L	80019	1,4-Difluorobenzene	8.848	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	90
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	43
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	38
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

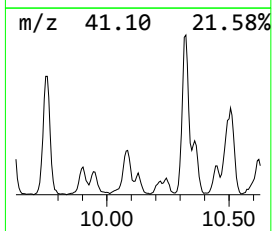
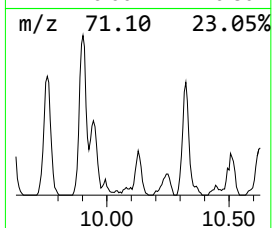
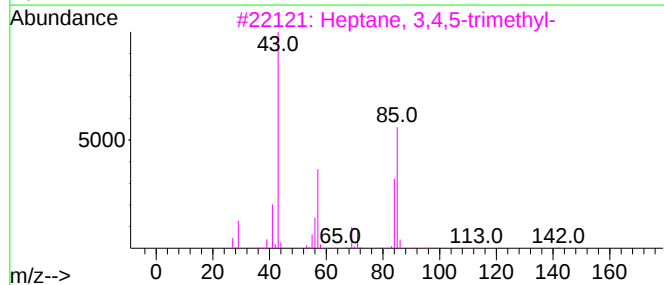
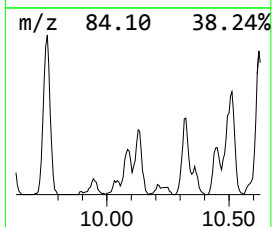
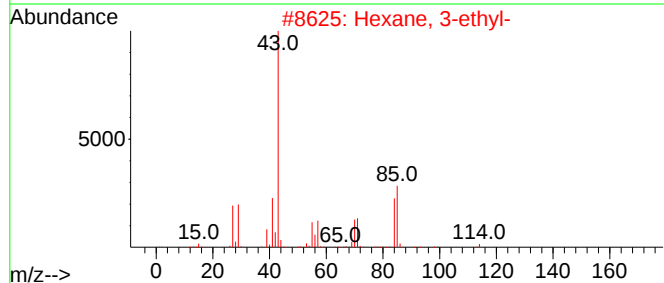
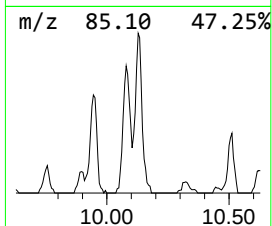
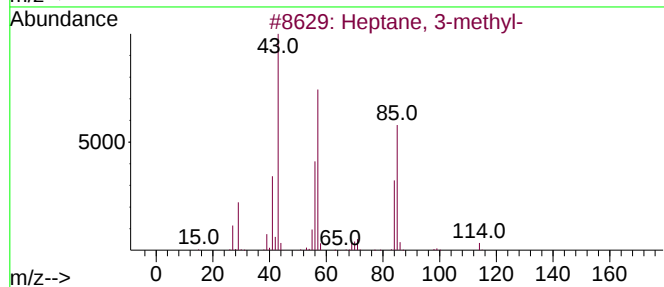
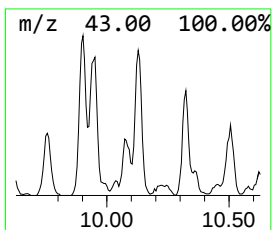
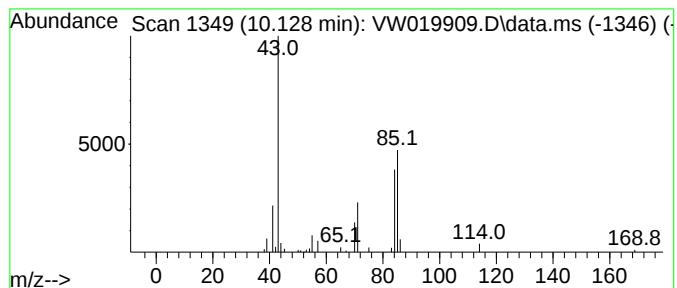
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	1.58 ug/L	52379	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	72
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	56
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

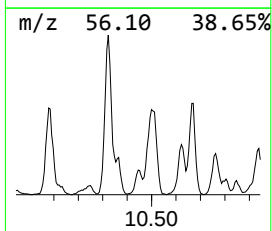
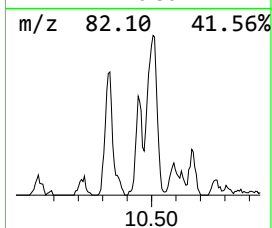
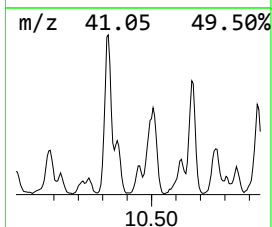
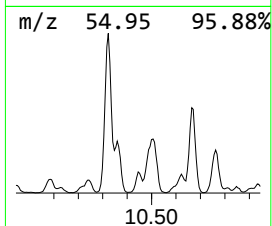
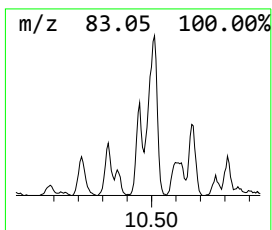
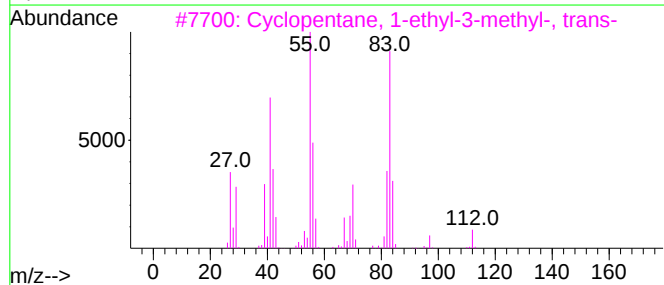
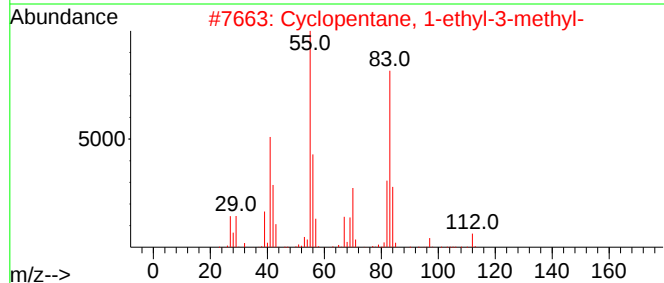
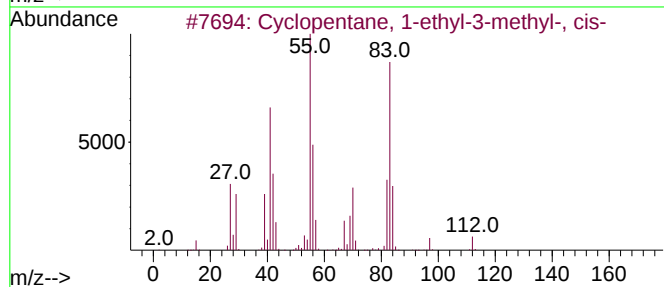
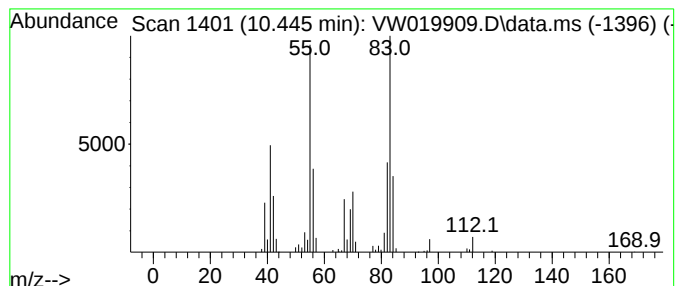
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic10.445 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	1.99 ug/L	70592	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	94
2			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	94
3			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	91
4			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

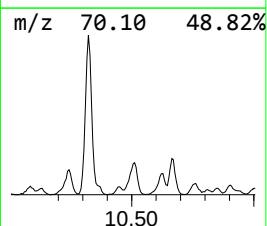
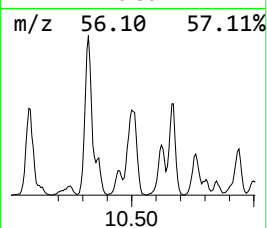
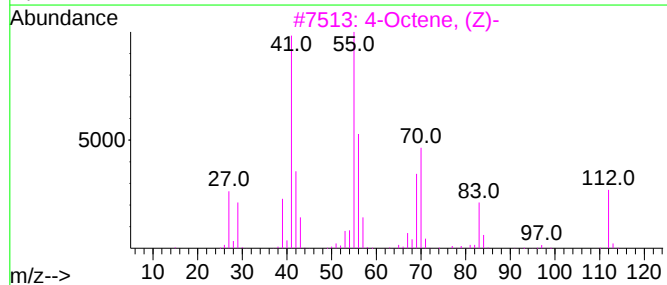
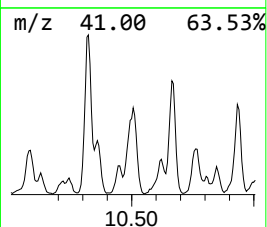
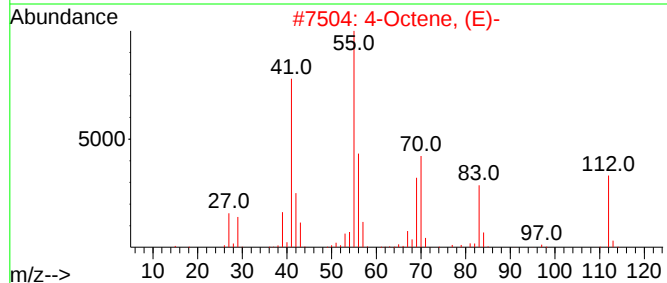
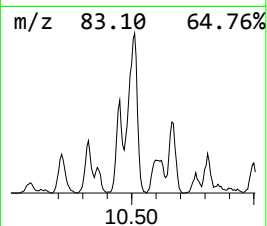
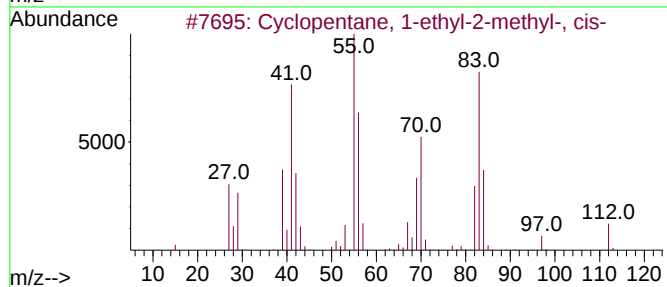
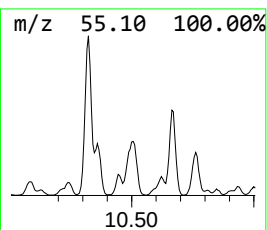
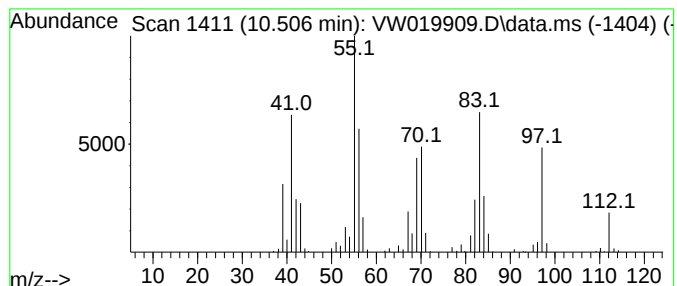
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic10.506 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	9.38 ug/L	332245	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	95
2		4-Octene, (E)-	112	C8H16	014850-23-8	60
3		4-Octene, (Z)-	112	C8H16	007642-15-1	60
4		3-Octene, (Z)-	112	C8H16	014850-22-7	60
5		3-Octene, (Z)-	112	C8H16	014850-22-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

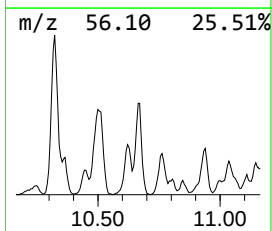
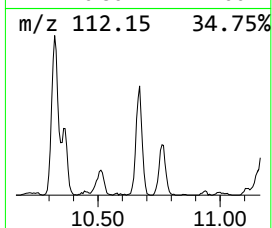
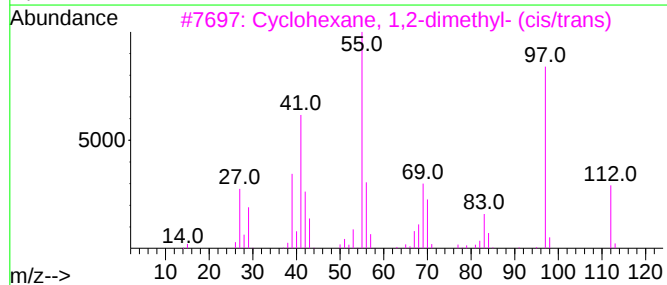
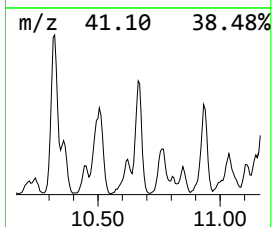
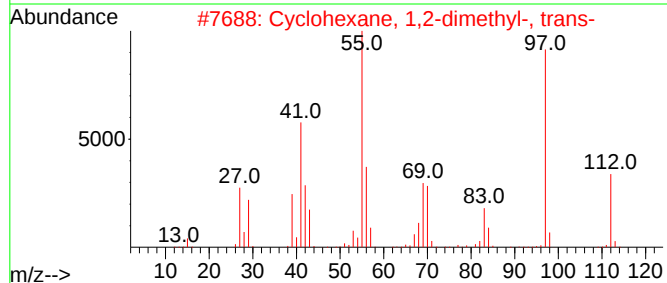
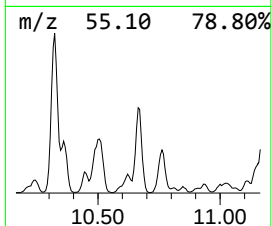
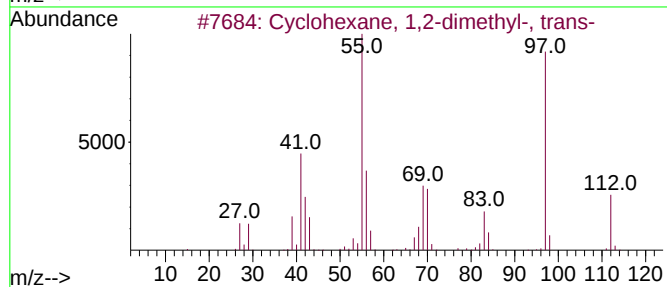
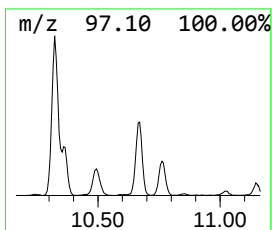
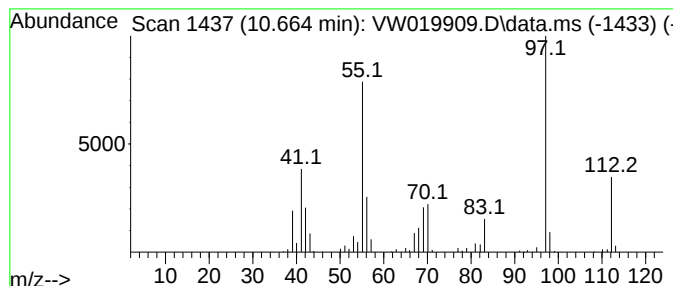
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic10.664 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	9.12 ug/L	322911	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	91
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

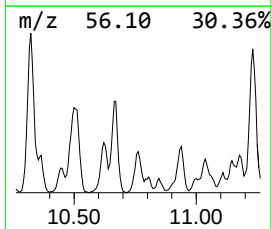
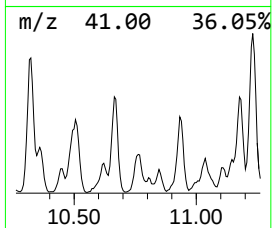
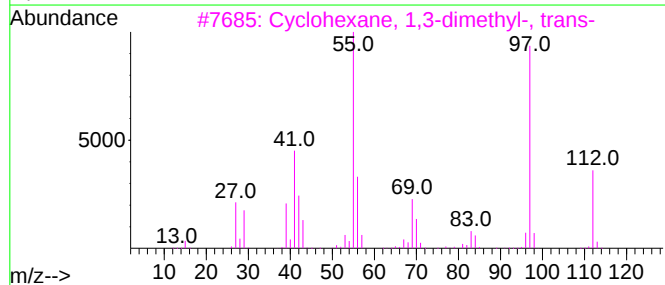
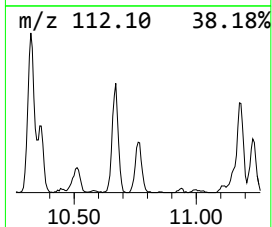
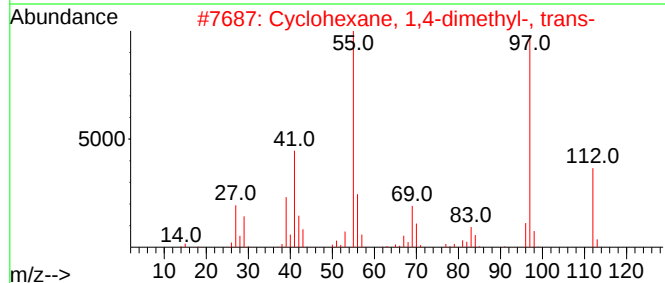
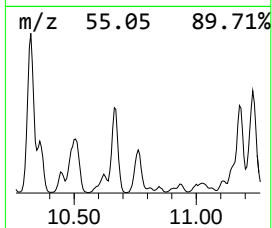
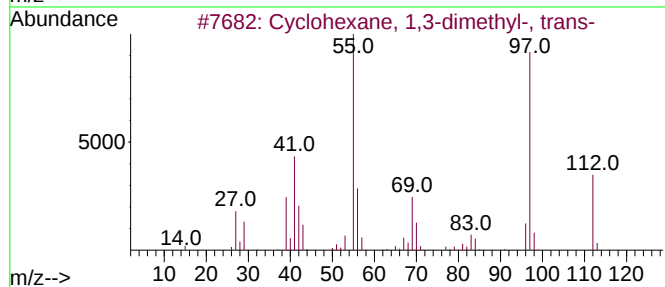
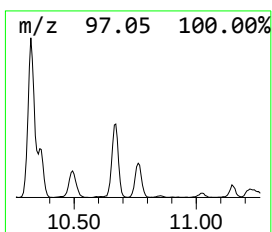
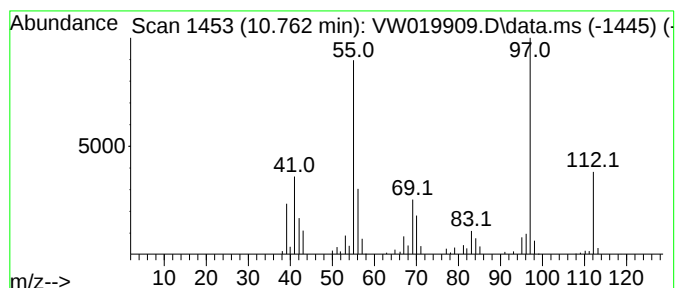
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic10.762 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	4.93 ug/L	174680	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

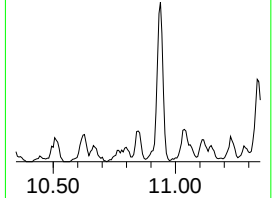
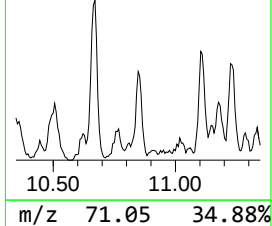
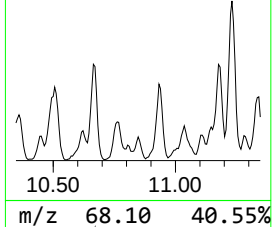
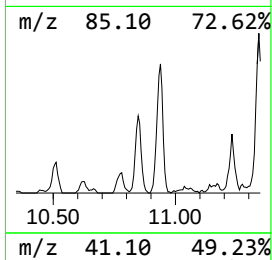
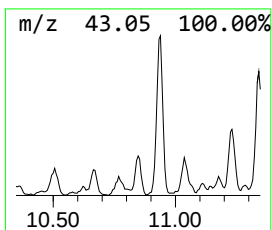
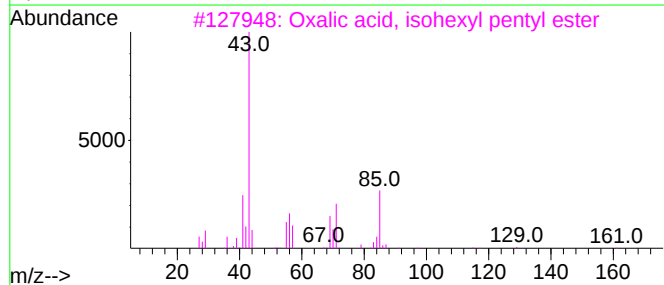
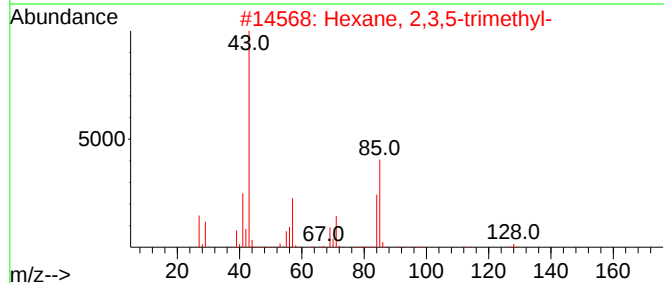
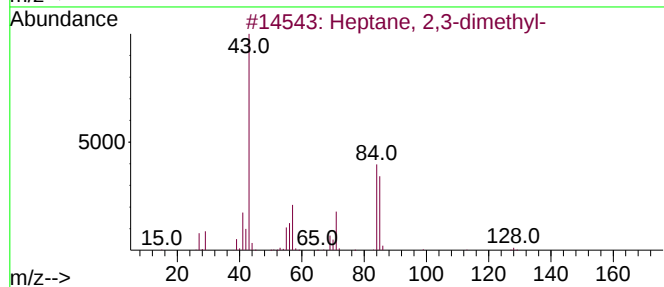
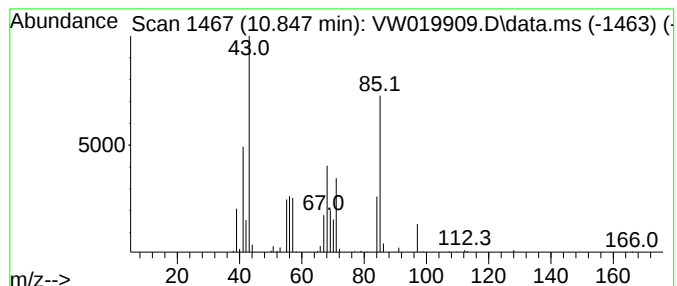
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	1.58 ug/L	55974	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
3			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	43
4			Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	43
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

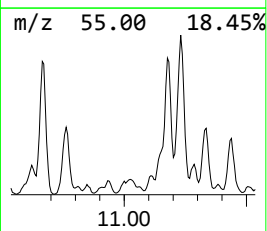
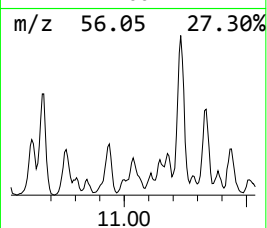
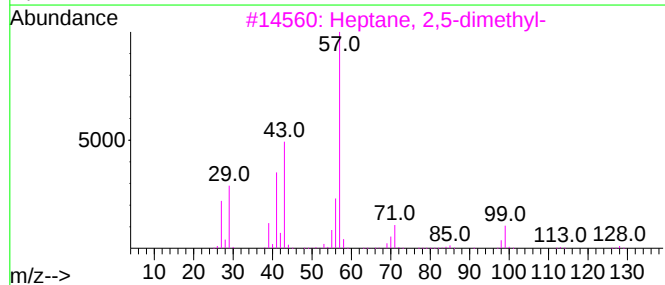
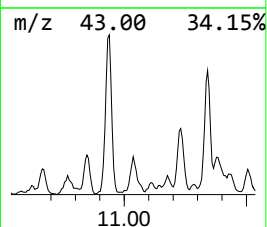
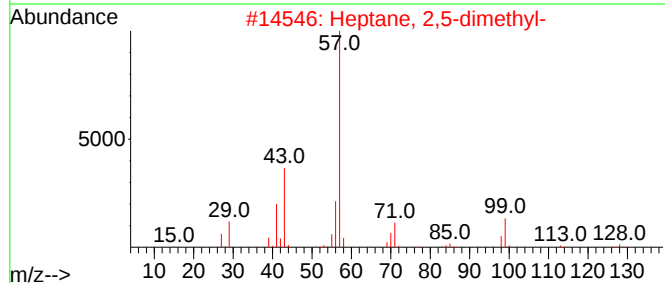
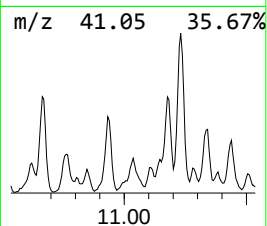
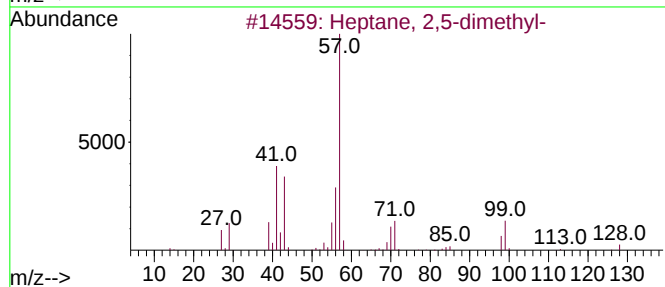
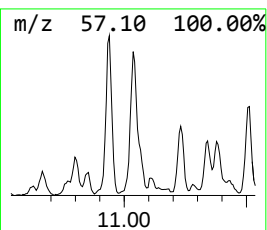
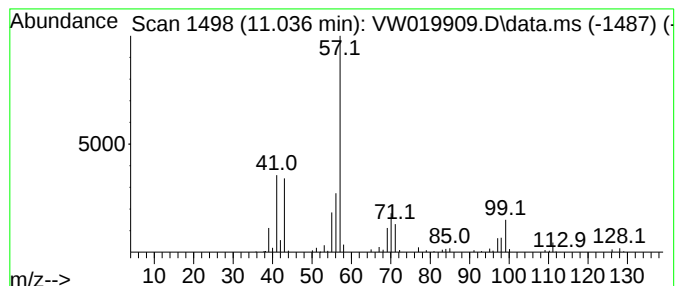
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	3.94 ug/L	139481	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW7C2

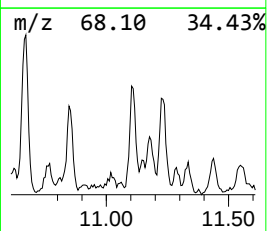
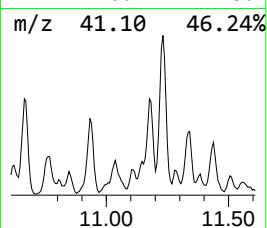
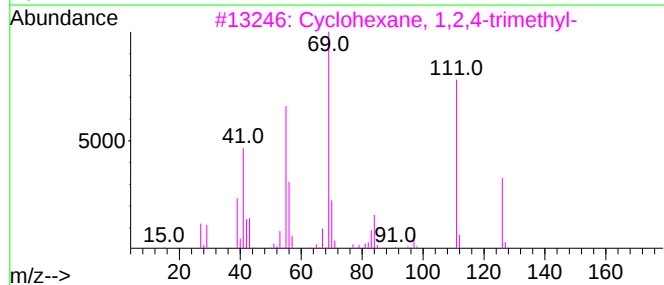
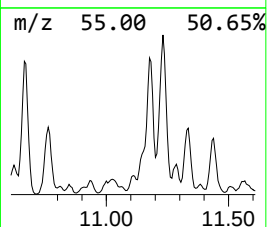
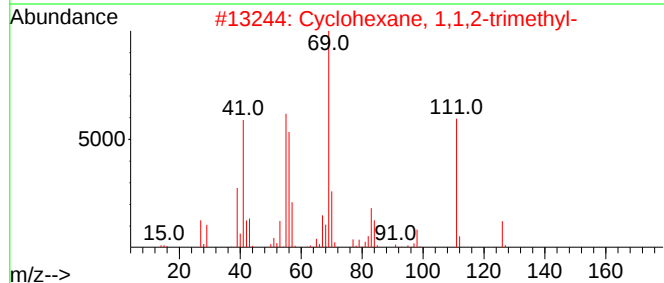
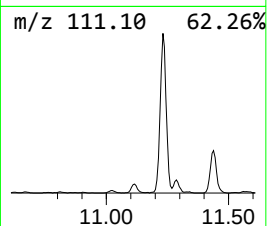
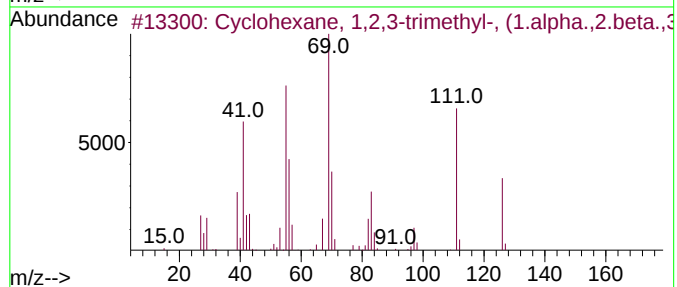
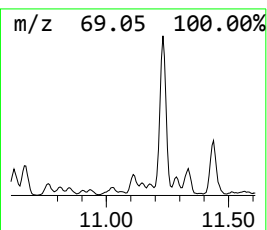
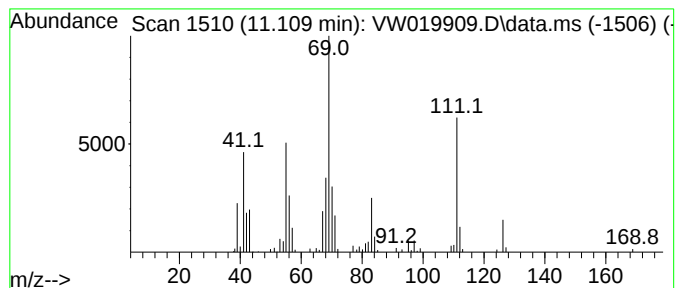
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.109 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	1.79 ug/L	63399	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	87
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	72
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53
5			3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

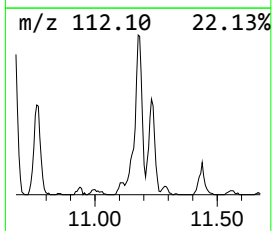
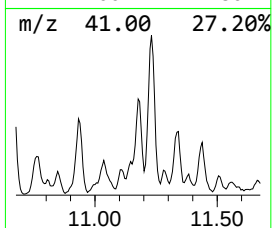
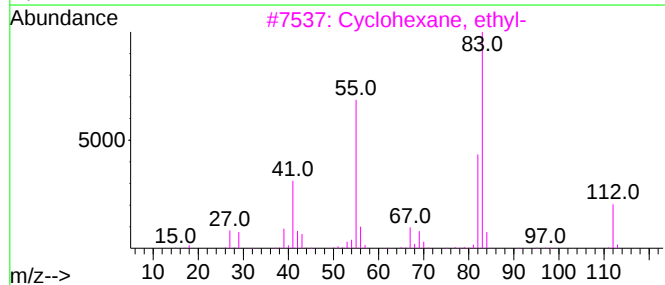
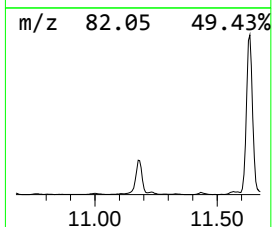
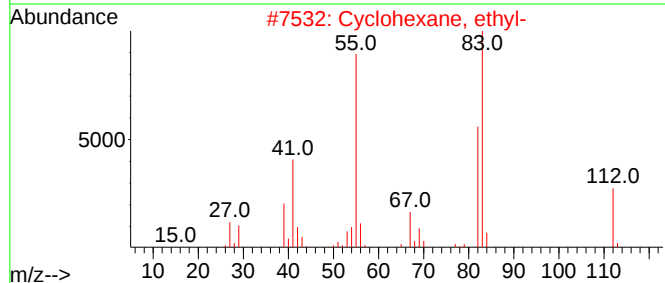
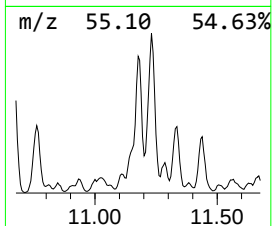
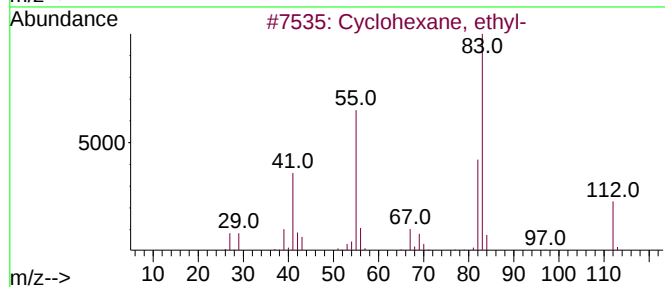
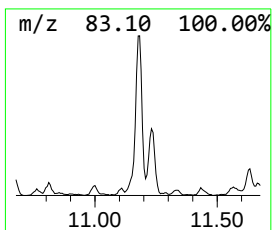
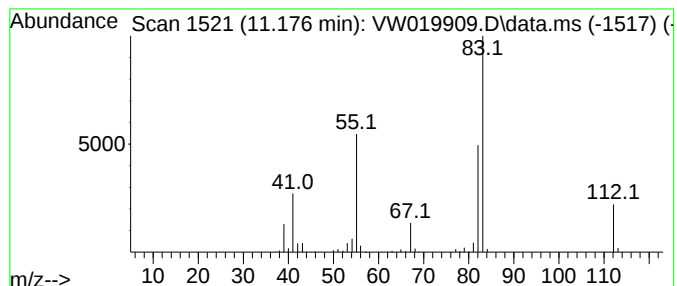
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.177 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	6.55 ug/L	231818	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	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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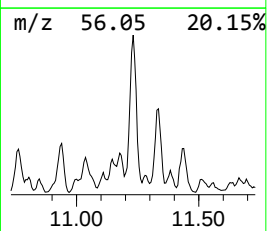
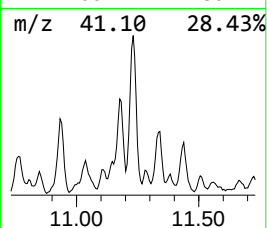
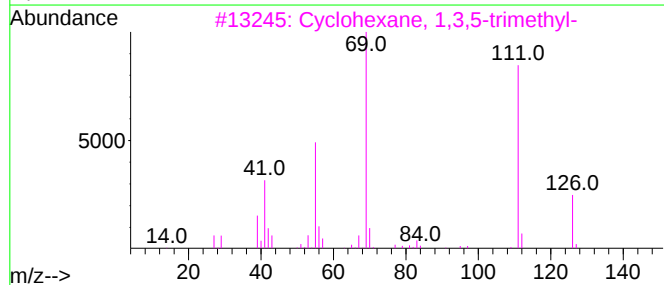
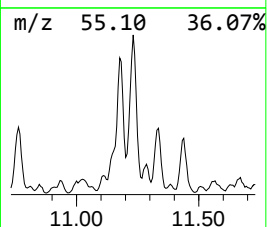
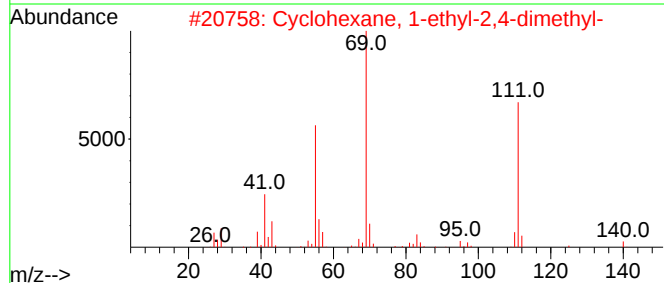
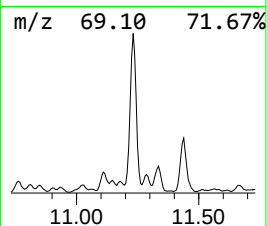
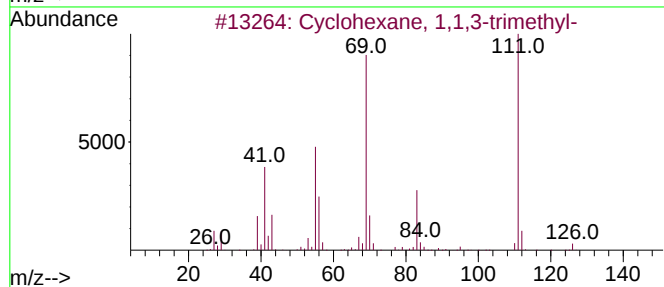
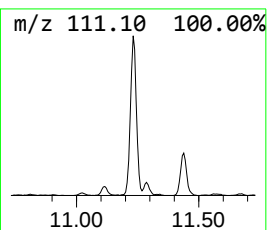
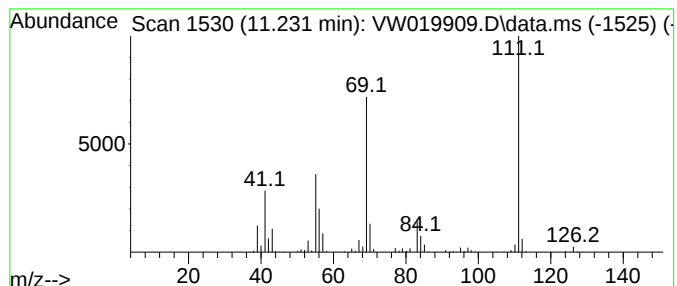
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic11.231 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	15.24 ug/L	539907	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

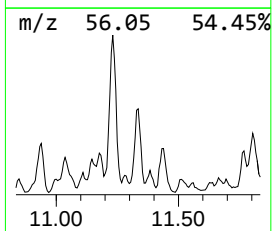
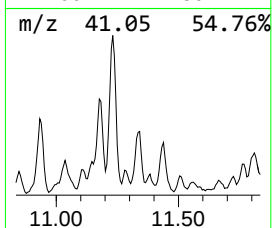
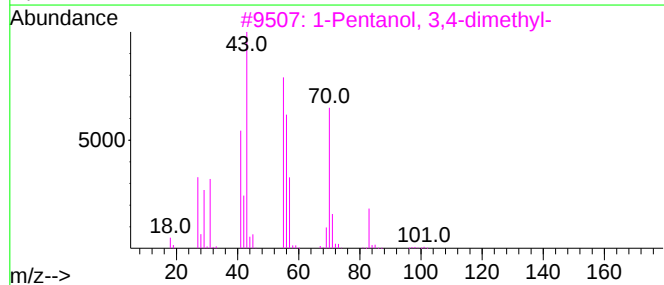
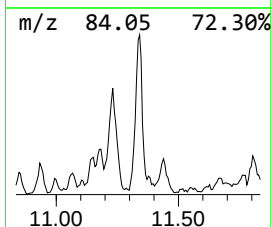
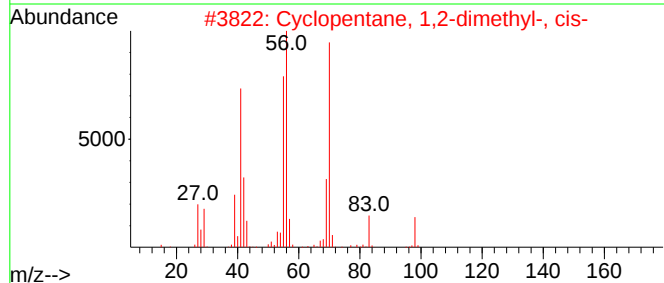
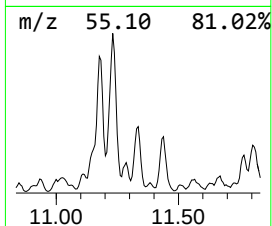
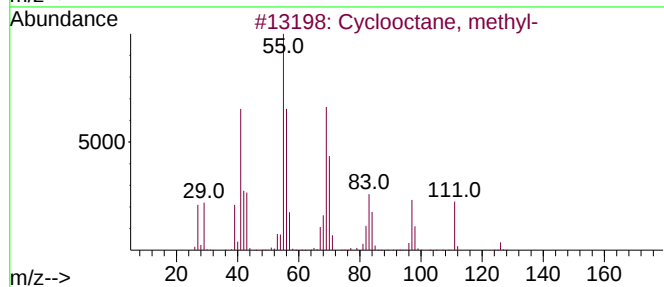
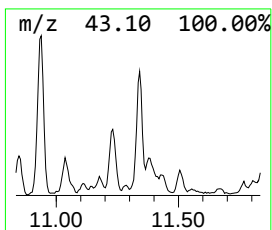
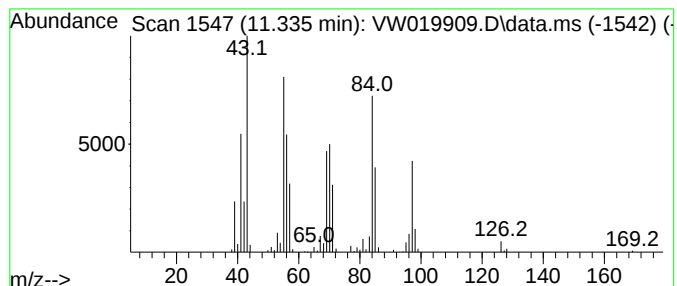
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic11.335 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.335	5.25 ug/L	186069	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-		126	C9H18	001502-38-1	43
2	Cyclopentane, 1,2-dimethyl-, cis-		98	C7H14	001192-18-3	38
3	1-Pentanol, 3,4-dimethyl-		116	C7H16O	006570-87-2	35
4	1-Hexanol, 3-methyl-		116	C7H16O	013231-81-7	35
5	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

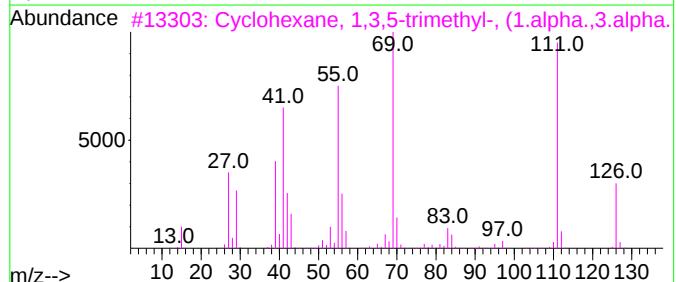
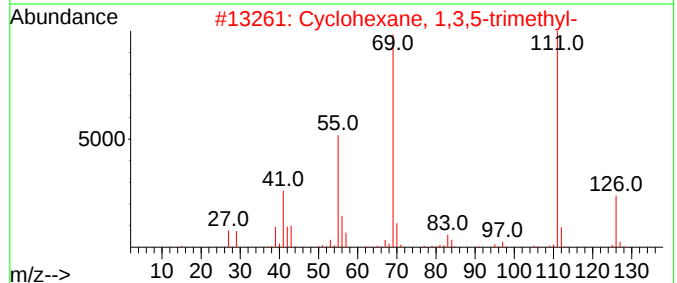
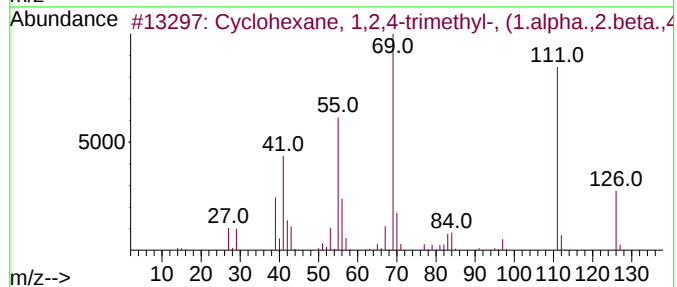
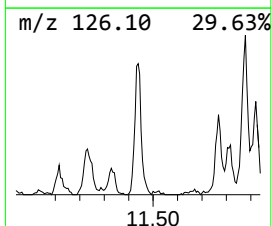
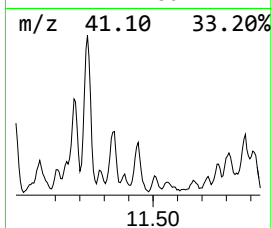
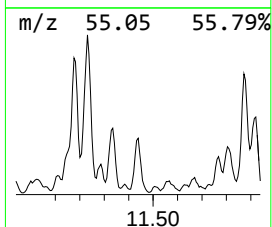
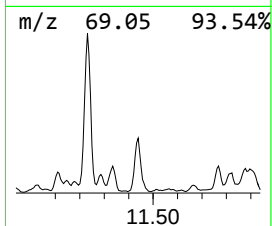
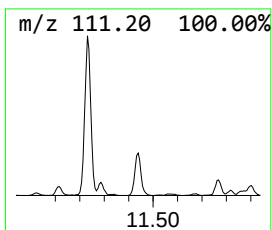
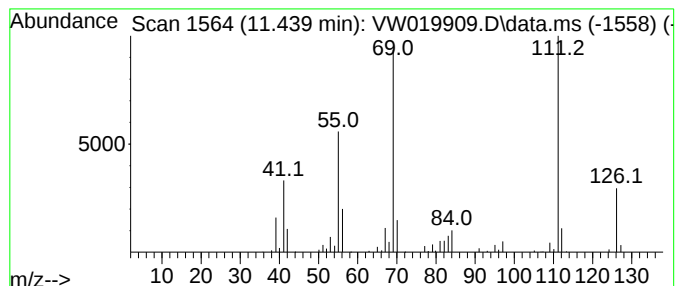
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic11.439 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	5.41 ug/L	191639	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	93
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

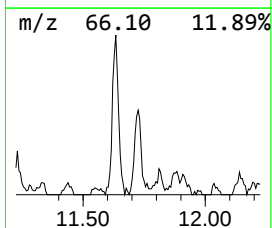
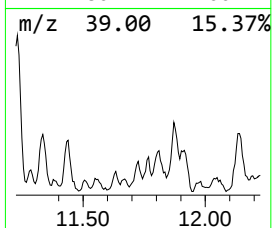
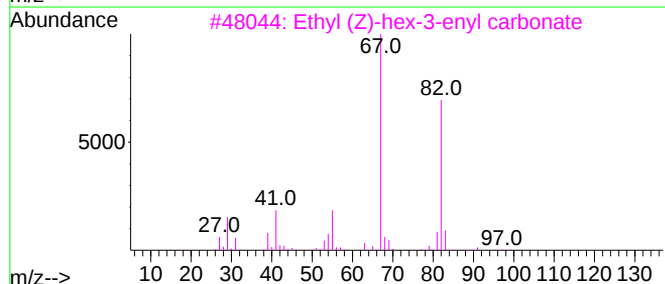
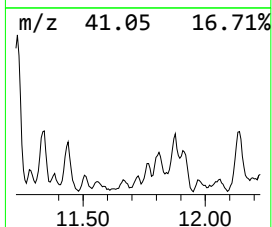
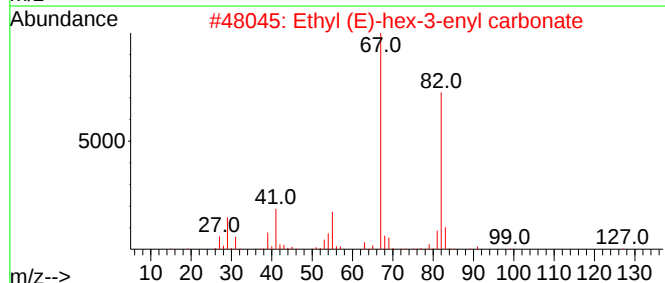
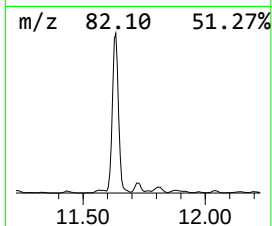
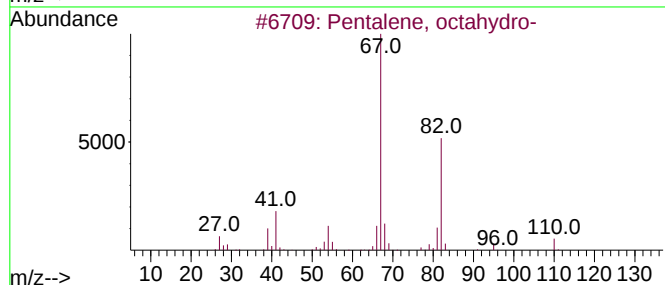
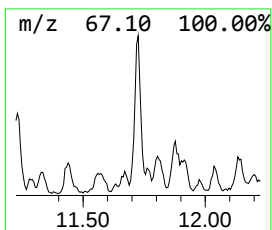
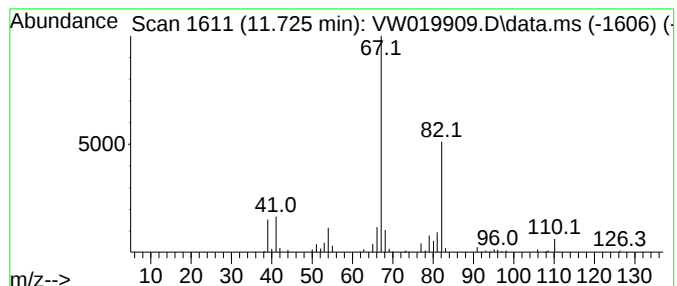
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Quant Title : SFAM01.0

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

Peak Number 26 Pentalene, octahydro- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	1.33 ug/L	47007	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	90
2			Ethyl (E)-hex-3-enyl carbonate	172	C9H16O3	1000373-83-8	72
3			Ethyl (Z)-hex-3-enyl carbonate	172	C9H16O3	1000373-83-6	72
4			1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	72
5			Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

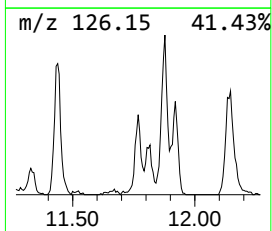
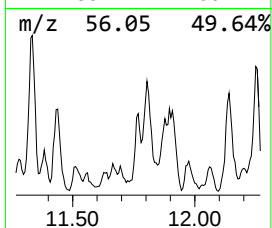
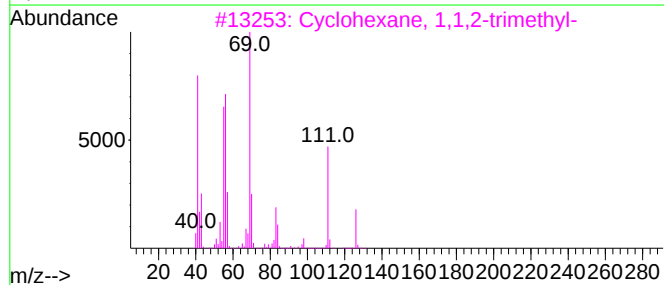
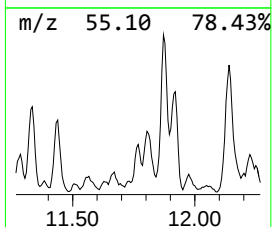
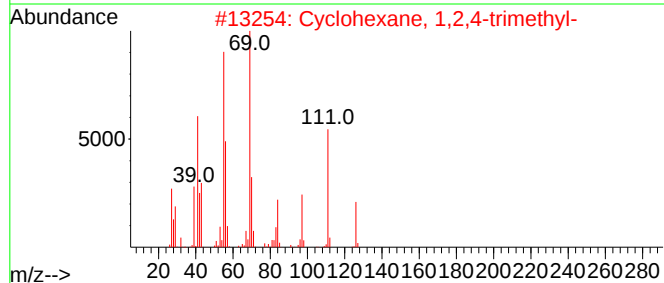
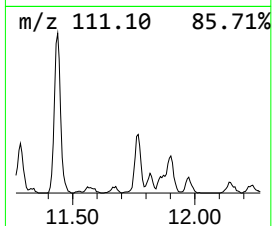
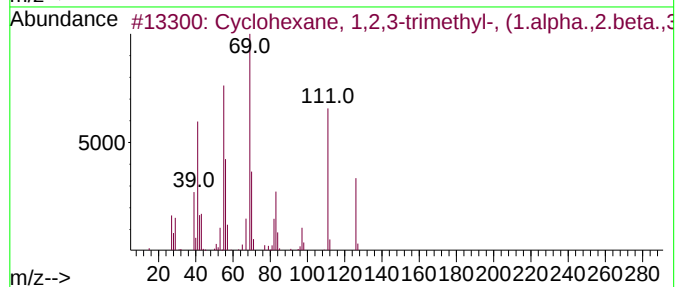
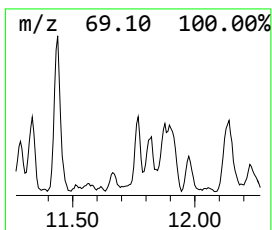
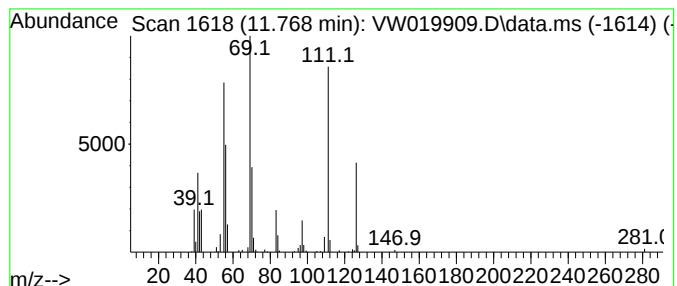
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic11.768 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.768	1.84 ug/L	65098	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	80
4		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	72
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

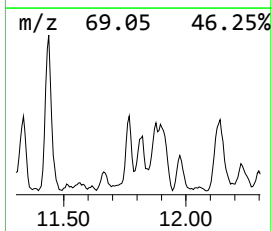
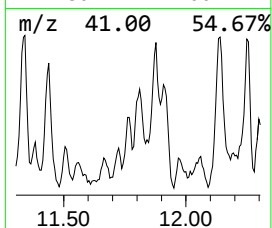
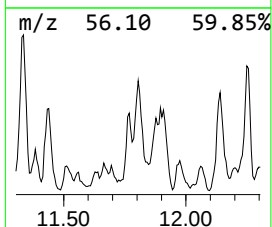
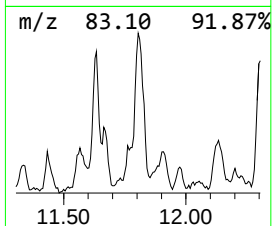
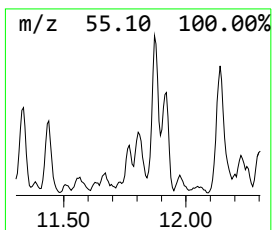
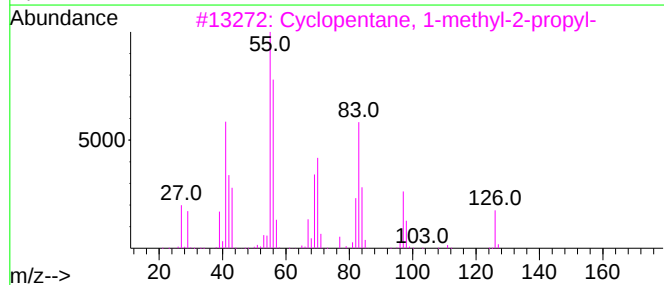
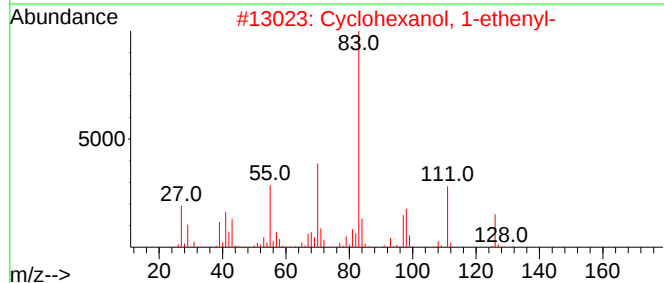
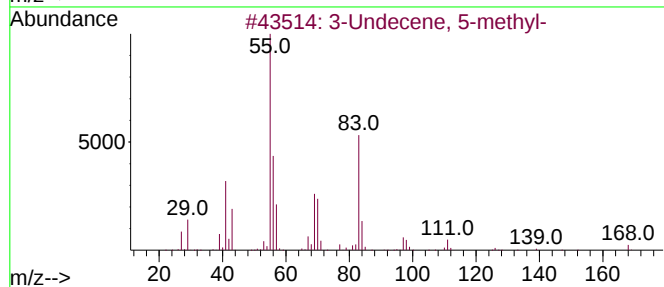
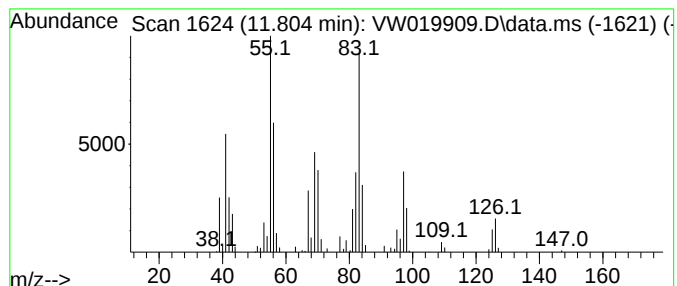
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	2.10 ug/L	74480	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Undecene, 5-methyl-	168	C12H24	1000061-84-1	53
2		Cyclohexanol, 1-ethenyl-	126	C8H14O	001940-19-8	47
3		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
4		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
5		2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

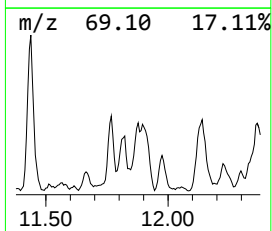
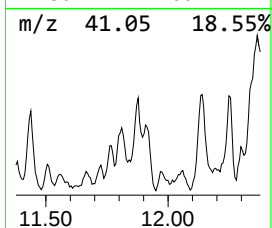
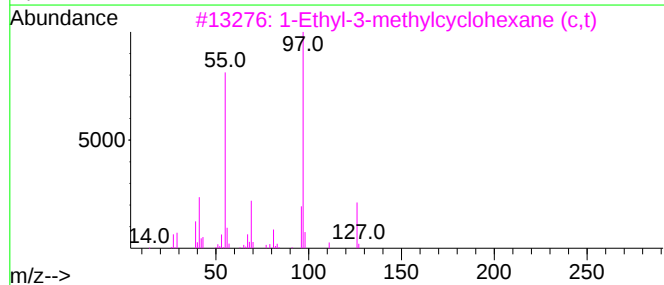
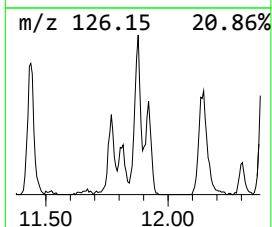
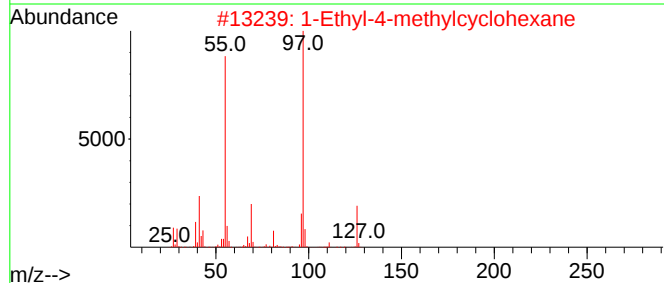
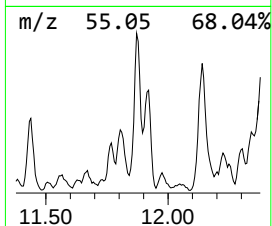
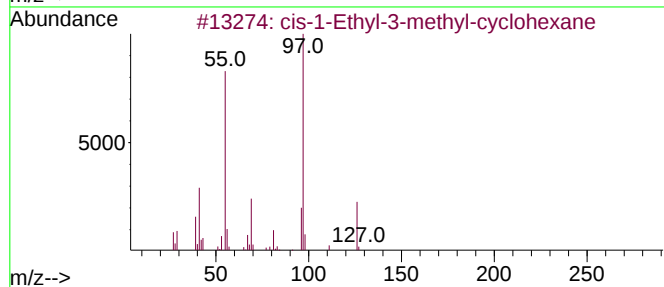
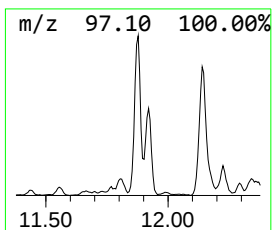
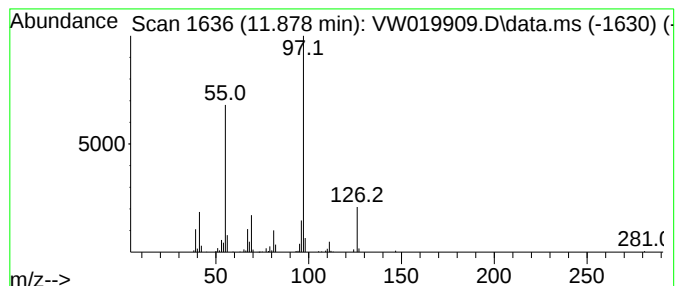
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic11.878 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	4.84 ug/L	171581	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
5		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

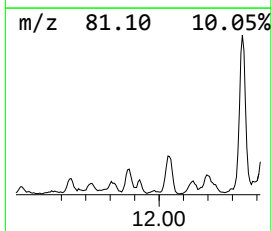
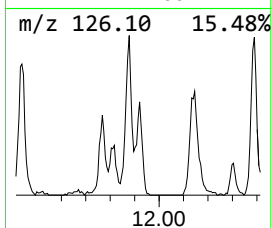
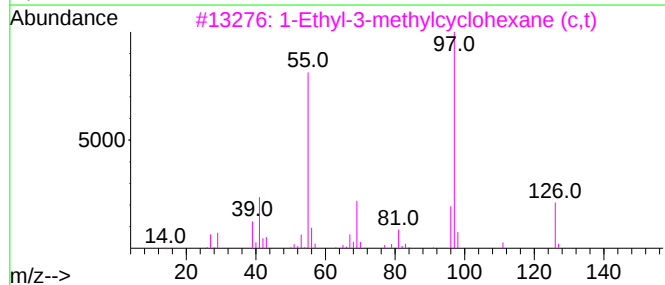
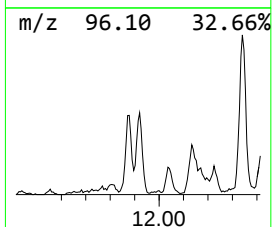
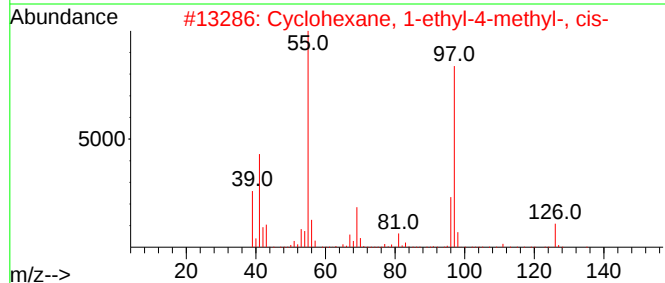
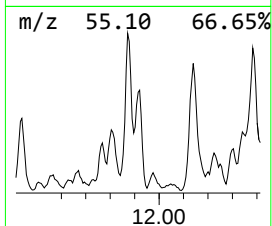
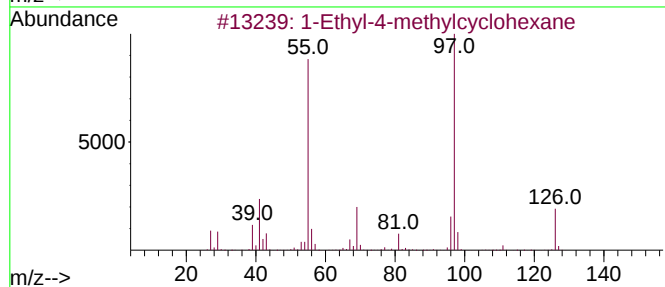
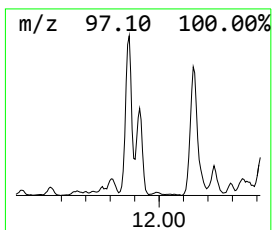
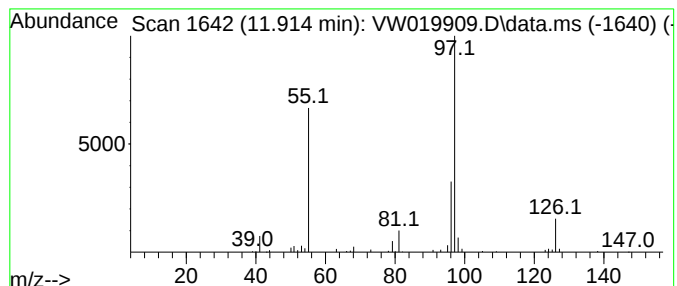
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic11.914 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	3.71 ug/L	131319	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

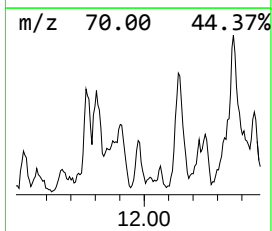
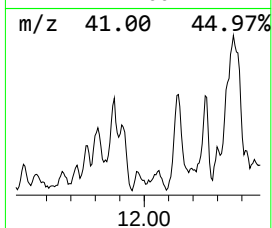
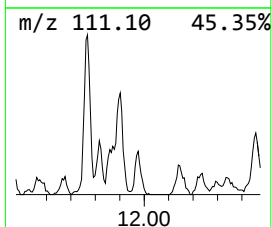
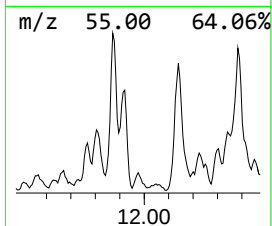
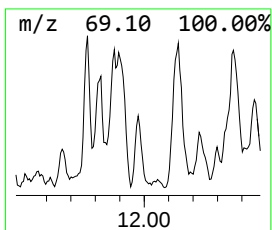
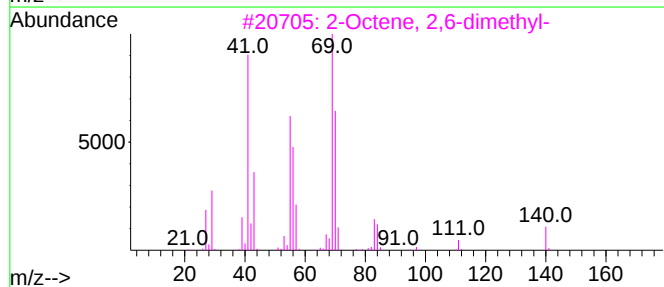
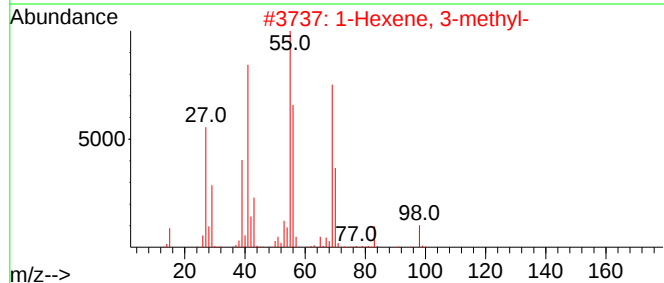
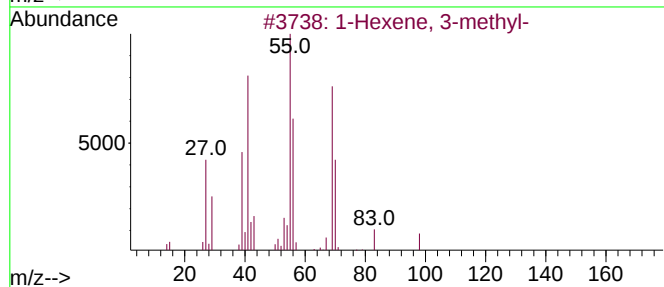
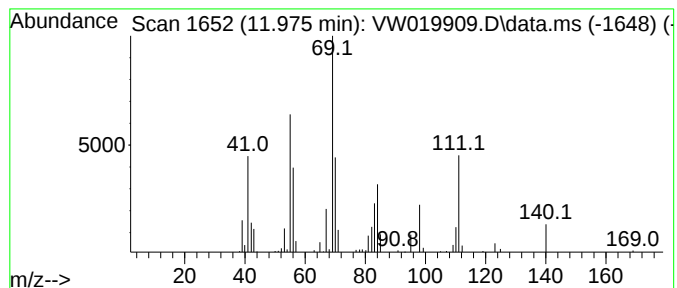
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

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 31 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.975	1.35 ug/L	47928	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	58
2	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	50
3	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	49
4	Cyclopropane, 1,1-diethyl-		98	C7H14	001003-19-6	46
5	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

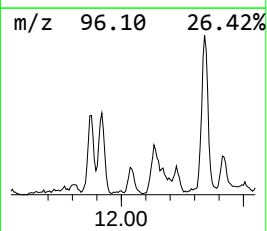
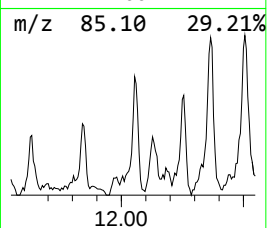
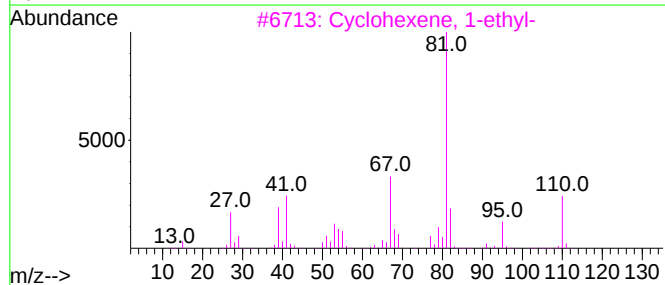
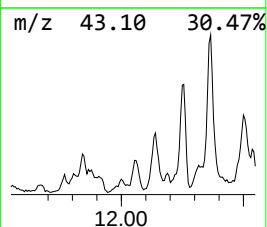
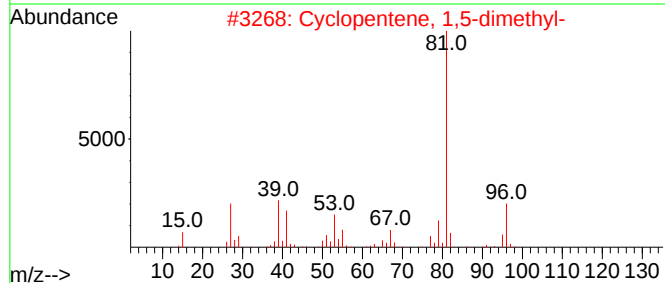
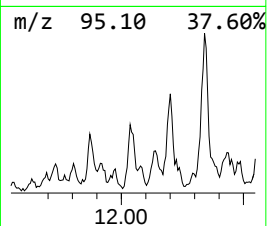
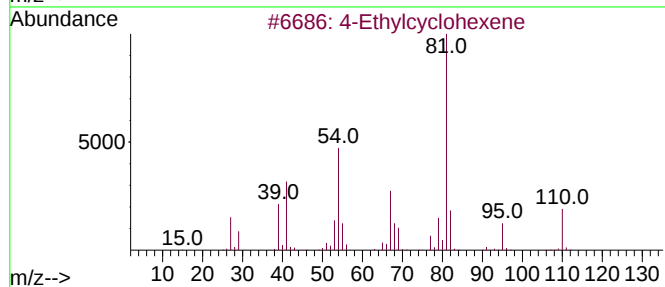
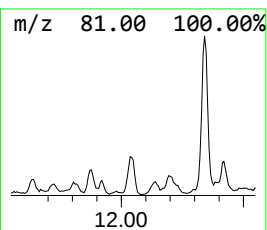
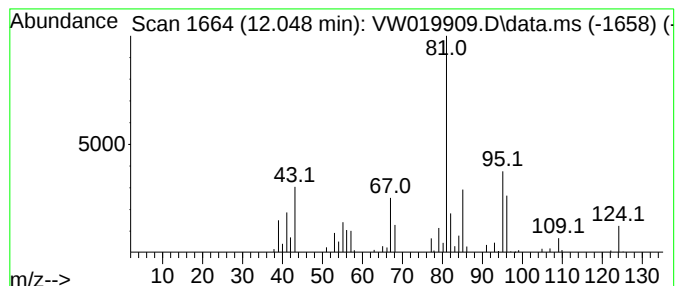
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Quant Title : SFAM01.0

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

Peak Number 32 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.048	1.94 ug/L	68794	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylcyclohexene	110	C8H14	003742-42-5	47	
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	47	
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	47	
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	47	
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

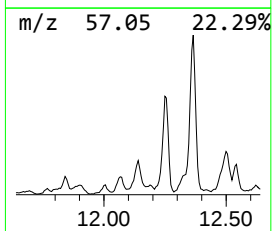
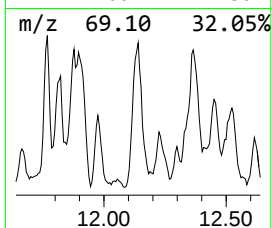
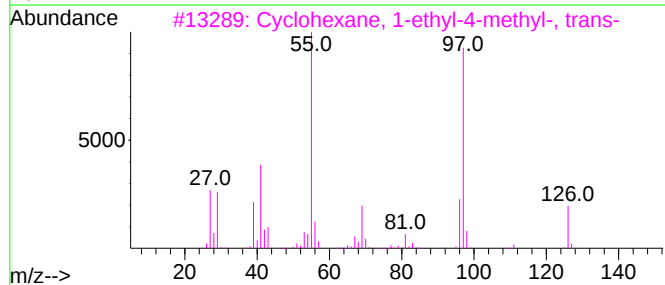
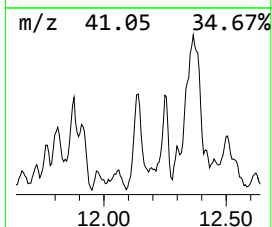
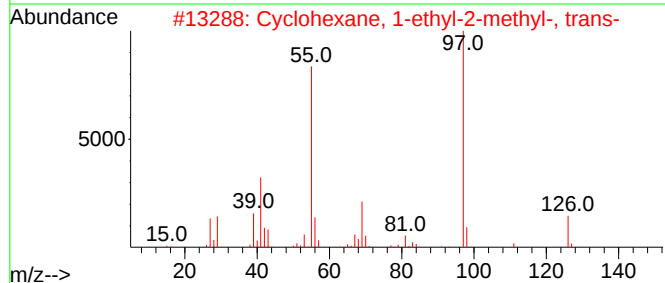
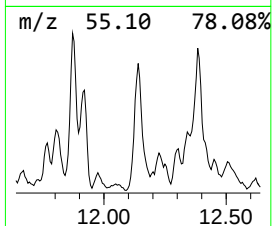
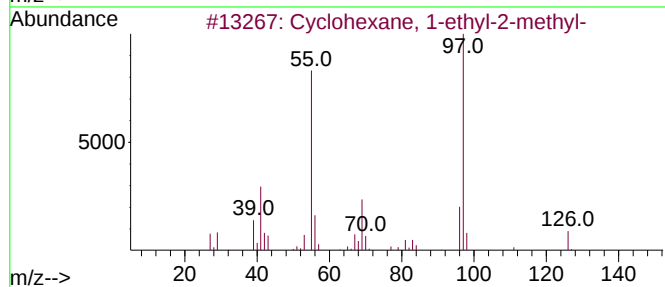
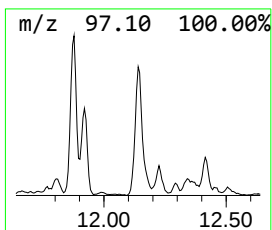
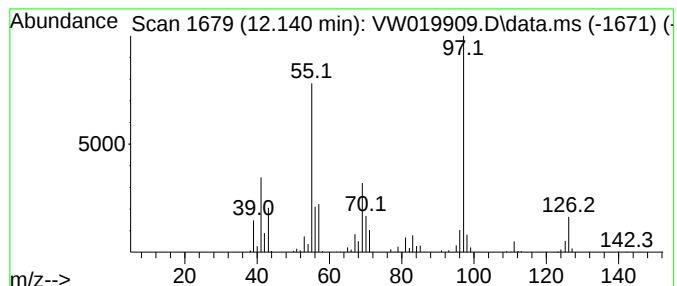
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic12.140 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	8.66 ug/L	306616	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			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

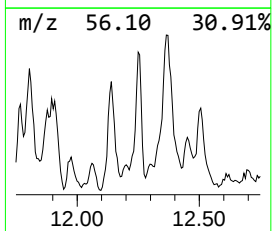
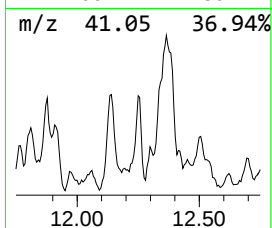
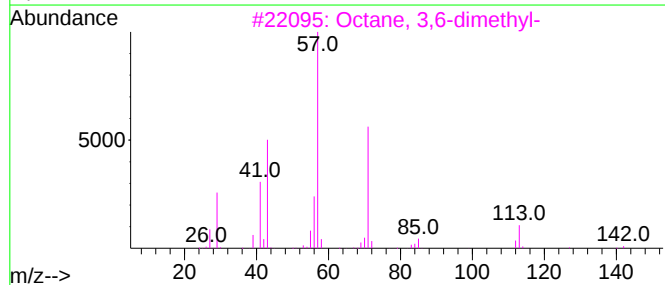
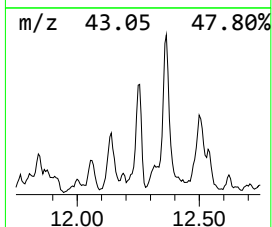
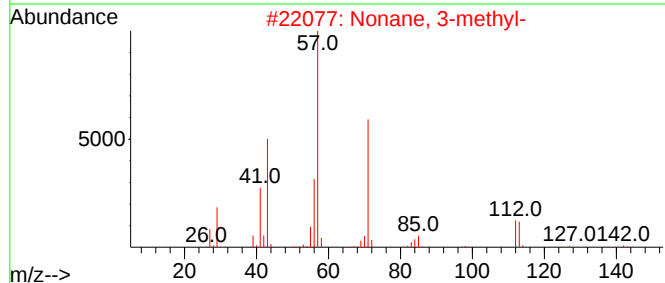
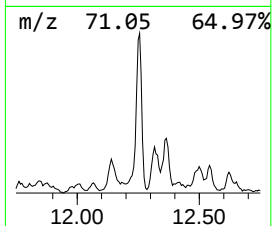
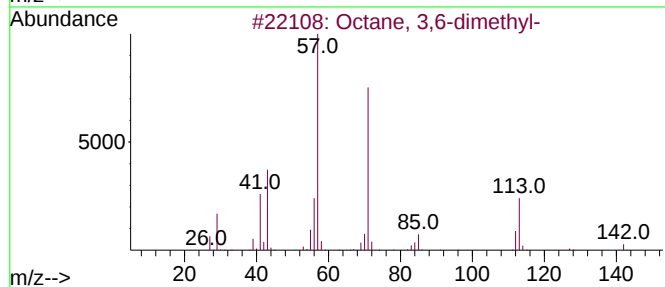
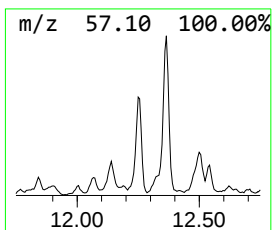
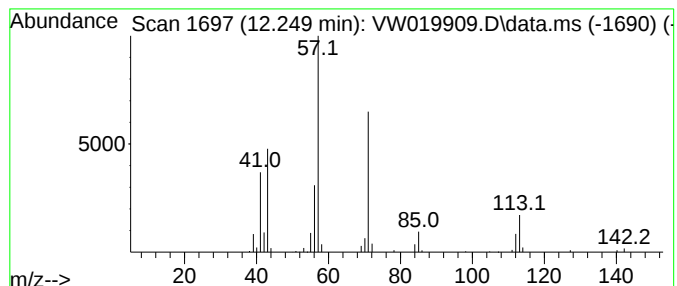
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.249	4.51 ug/L	159588	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	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	87
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

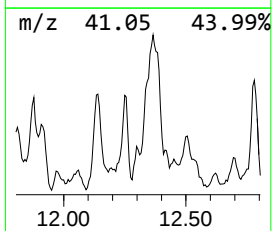
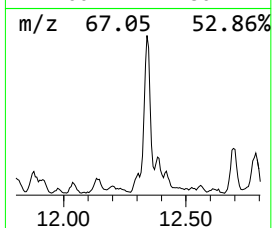
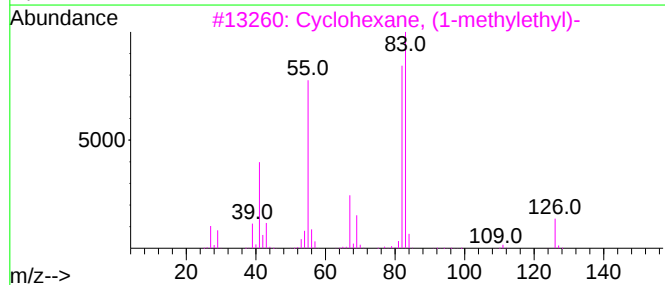
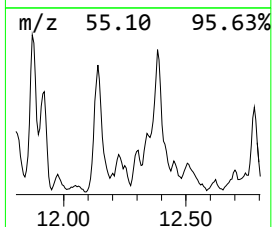
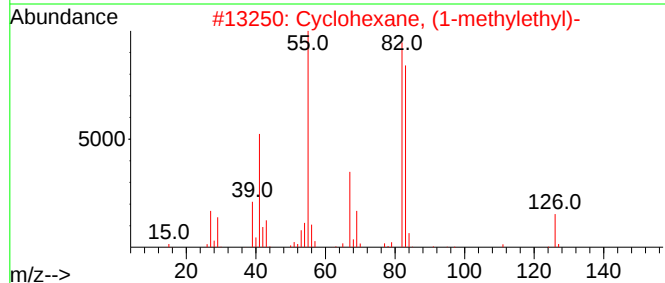
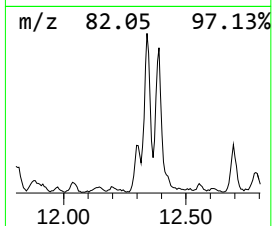
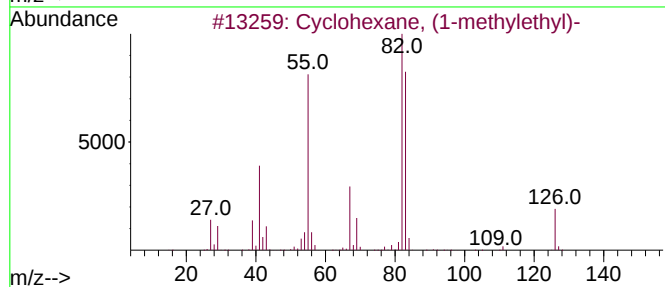
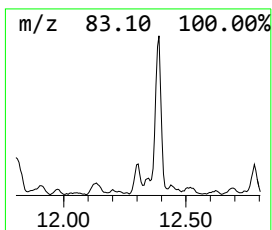
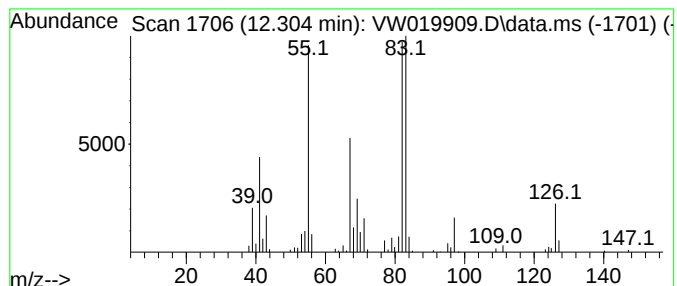
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Cyclic12.304 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	1.53 ug/L	54115	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	59
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

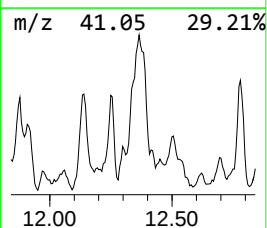
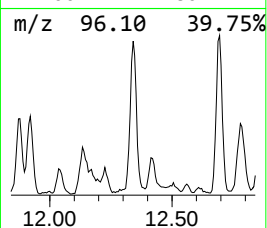
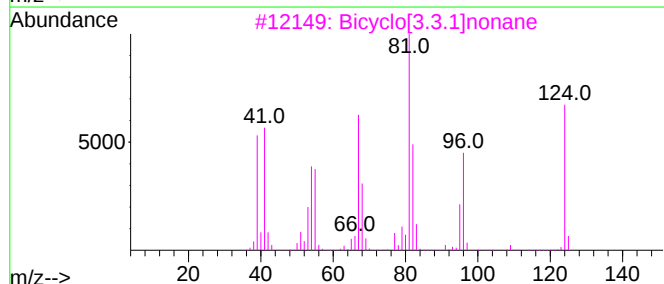
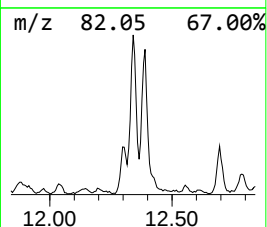
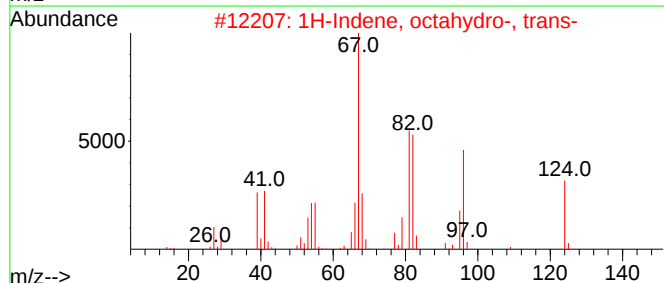
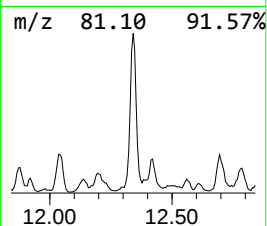
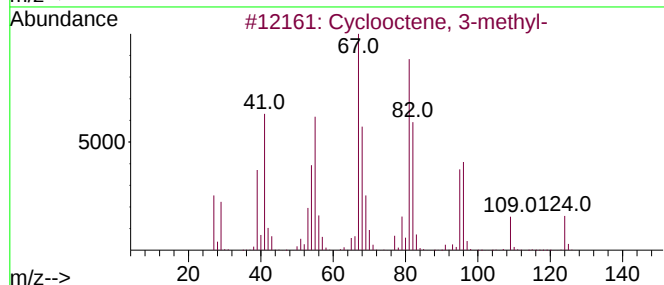
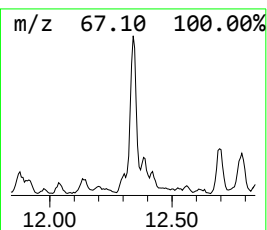
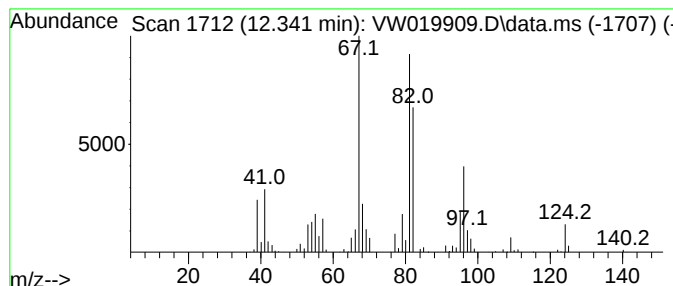
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Quant Title : SFAM01.0

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

Peak Number 36 Cyclooctene, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	15.08 ug/L	534109	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	62
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	53
5		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

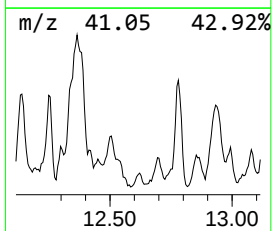
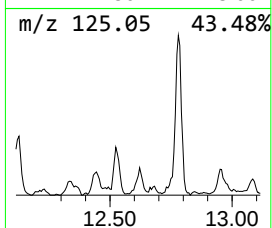
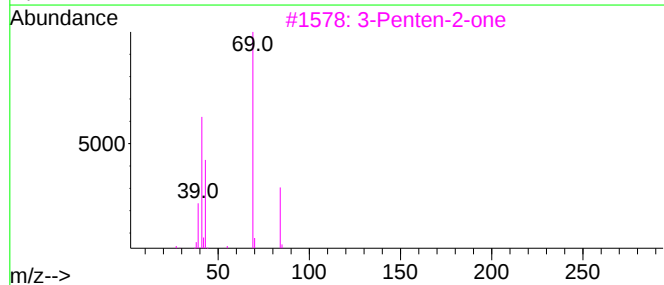
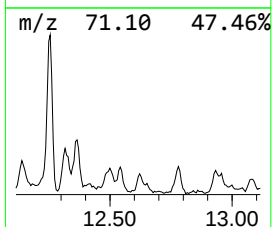
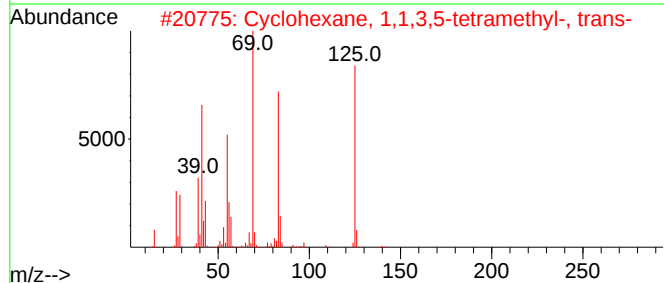
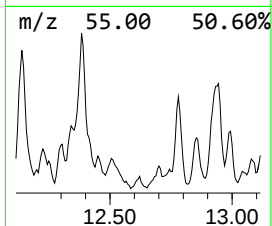
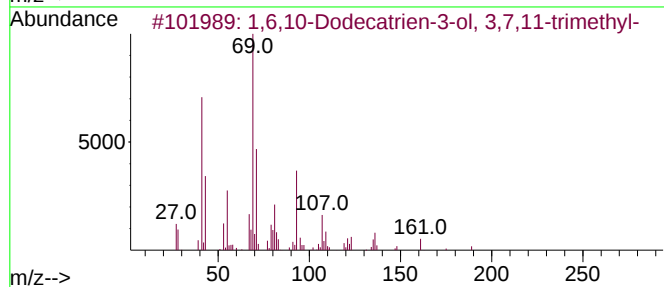
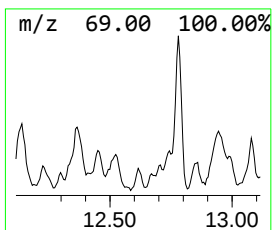
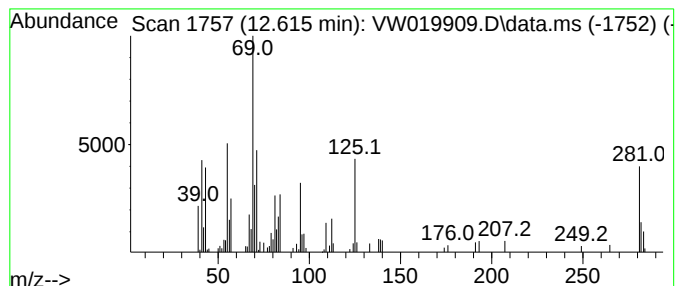
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-02 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	1.69 ug/L	43363	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	007212-44-4	35
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	25
3			3-Penten-2-one	84	C5H8O	000625-33-2	25
4			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	25
5			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

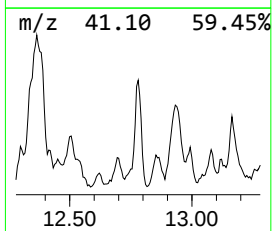
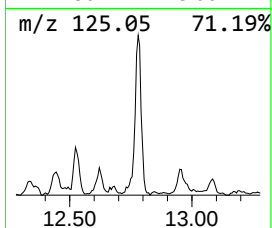
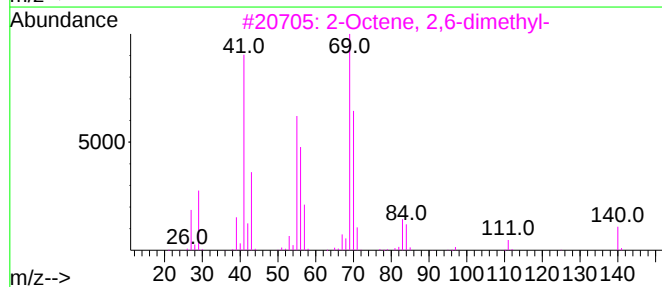
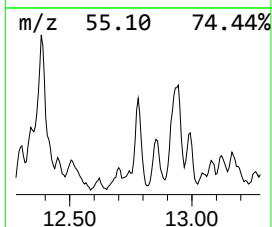
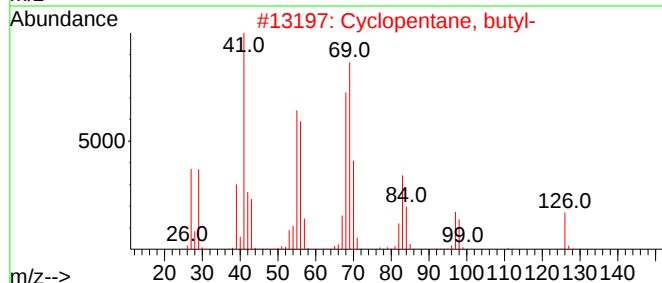
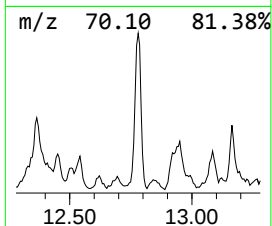
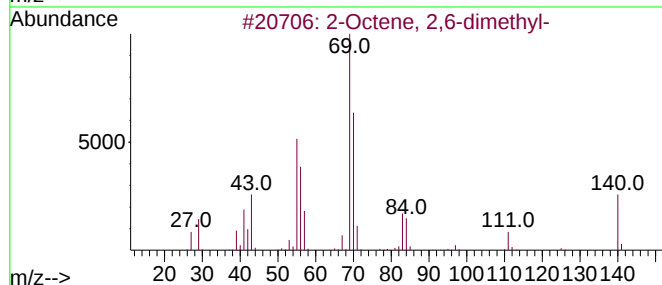
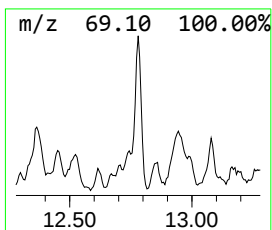
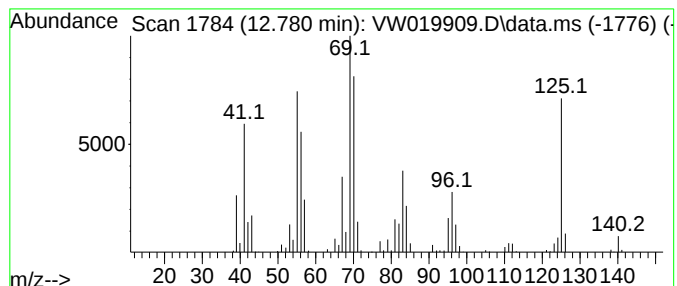
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MSVOA_W
ClientSampleId :
EW7C2

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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 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.780	11.38 ug/L	291348	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	58
2	Cyclopentane, butyl-		126	C9H18	002040-95-1	55
3	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	52
4	cis-1-Butyl-2-methylcyclopropane		112	C8H16	038851-69-3	50
5	trans-1-Butyl-2-methylcyclopropane		112	C8H16	038851-70-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

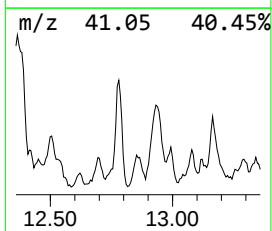
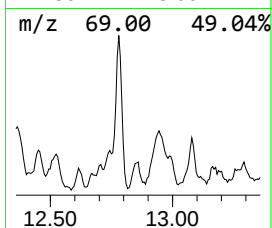
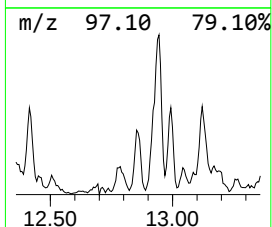
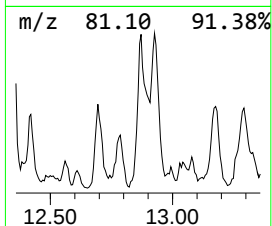
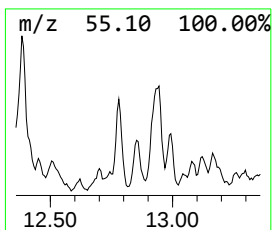
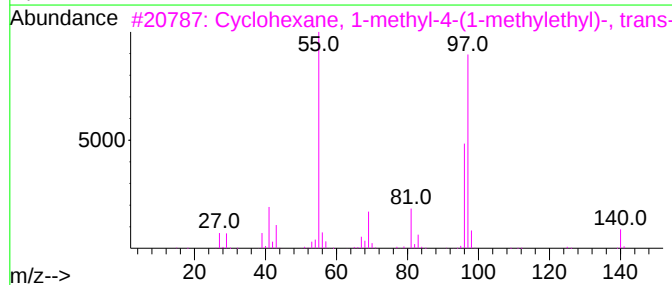
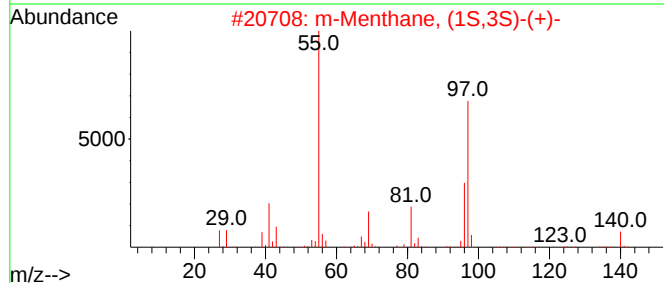
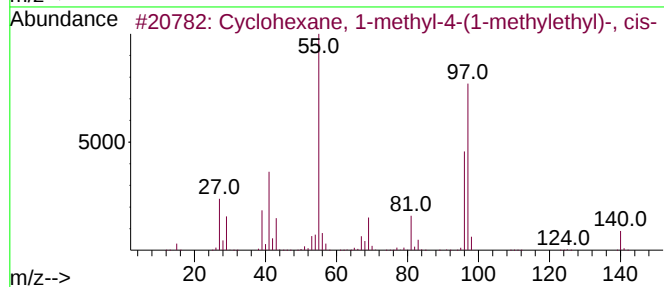
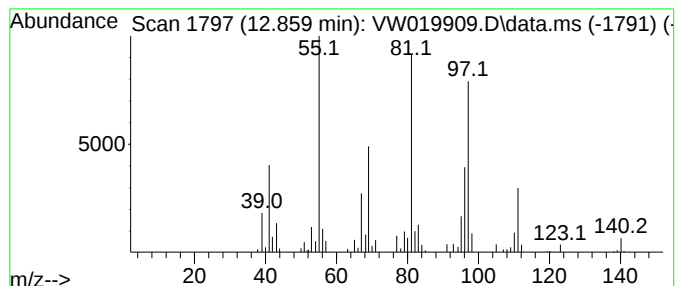
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Cyclic12.859 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	4.54 ug/L	116204	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	46
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
5			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

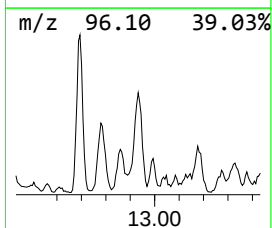
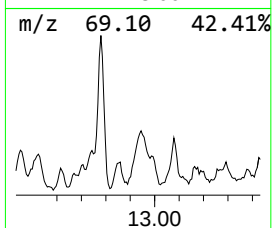
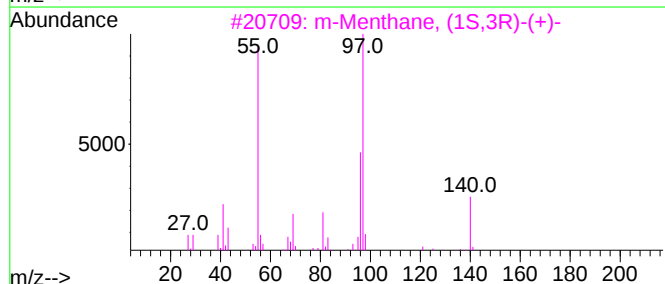
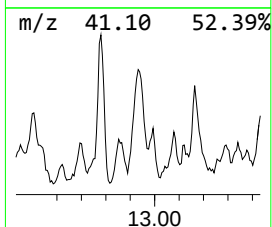
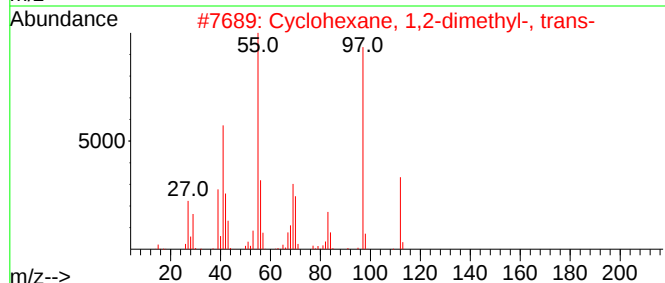
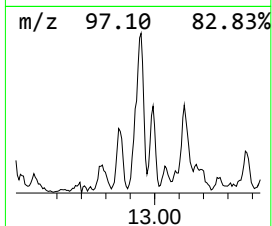
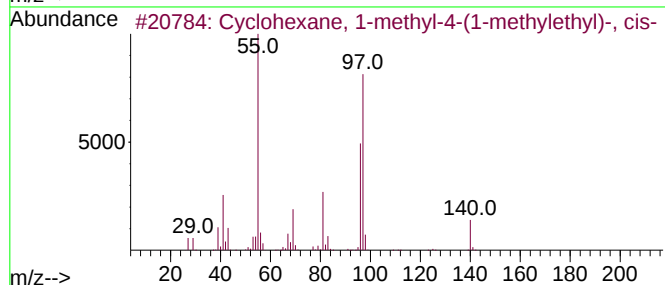
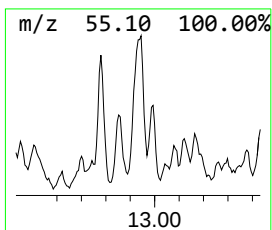
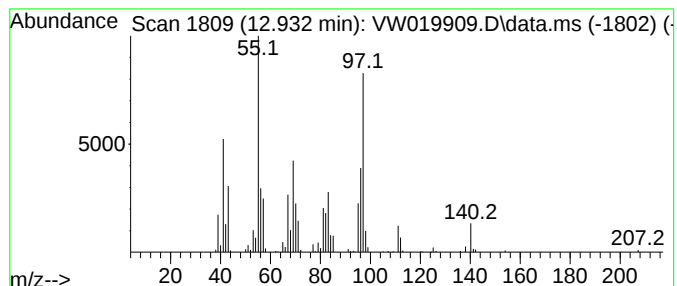
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Cyclic12.932 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	13.00 ug/L	333020	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	49
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	49
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

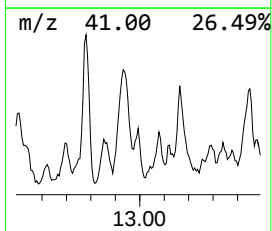
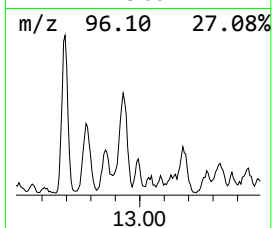
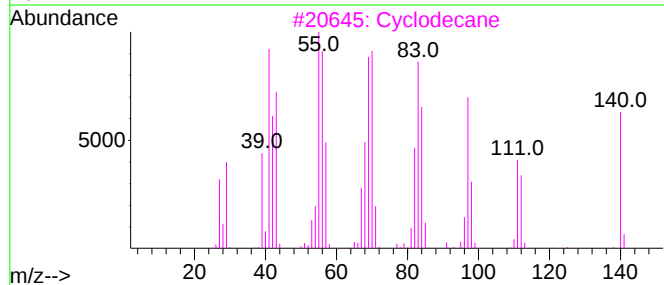
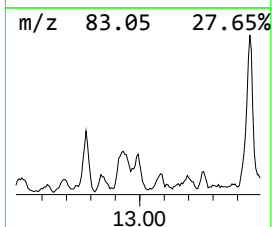
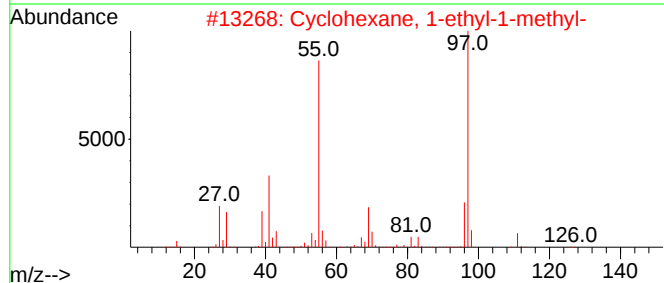
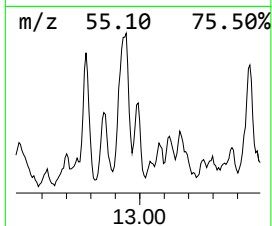
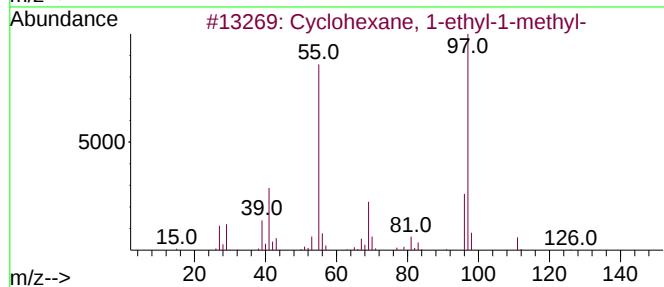
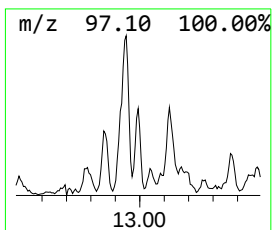
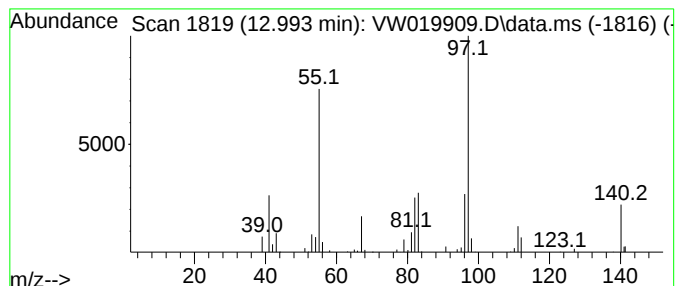
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Cyclic12.993 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	2.59 ug/L	66294	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3			Cyclodecane	140	C10H20	000293-96-9	49
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47
5			cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

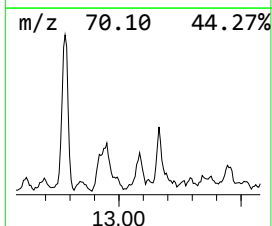
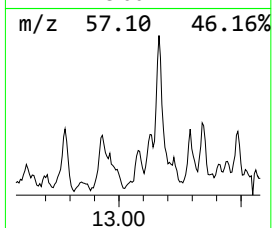
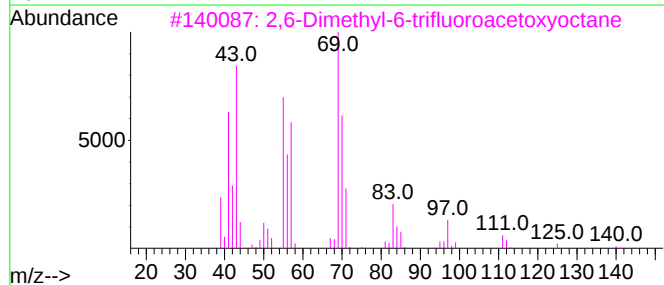
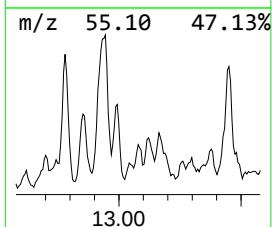
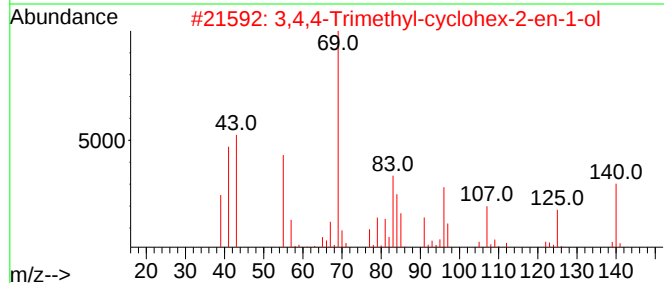
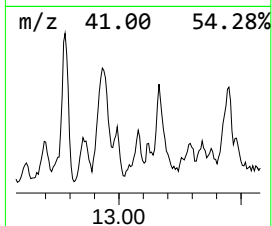
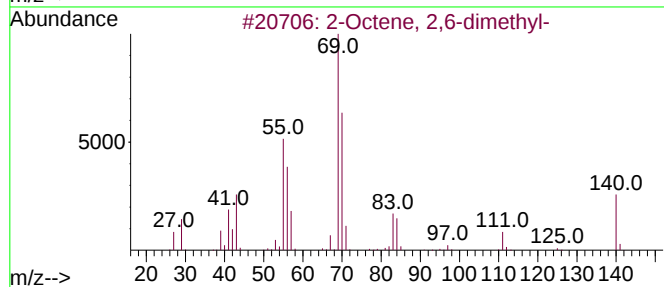
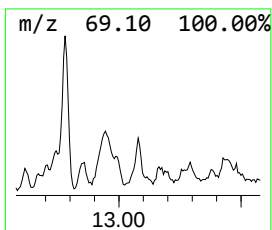
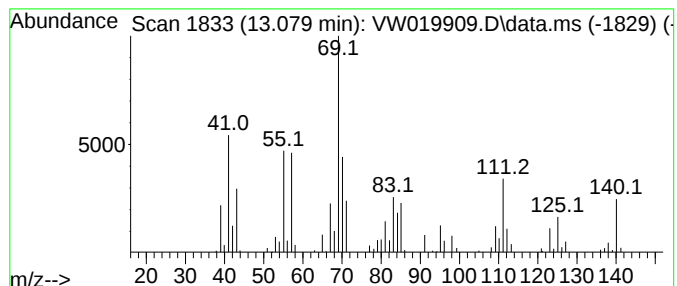
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Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	1.79 ug/L	45919	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
2		3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	46
3		2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	43
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

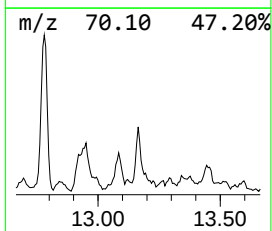
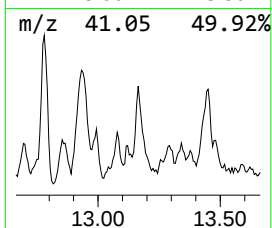
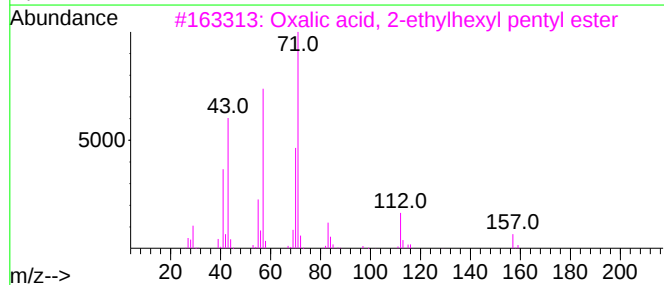
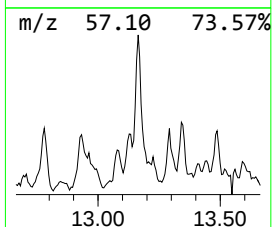
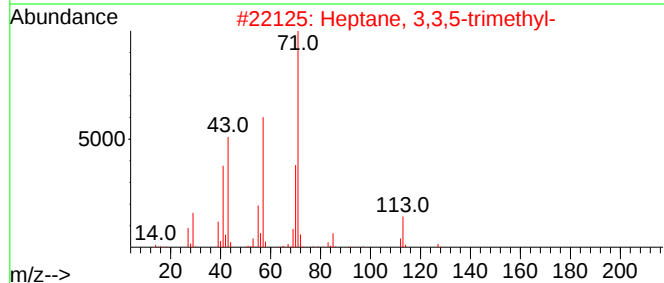
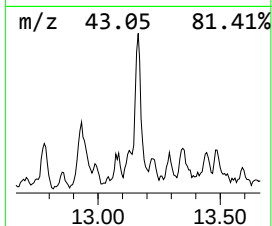
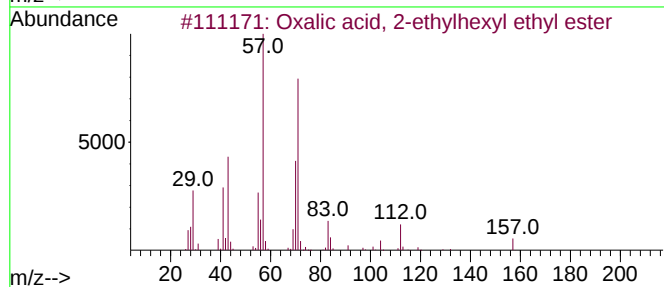
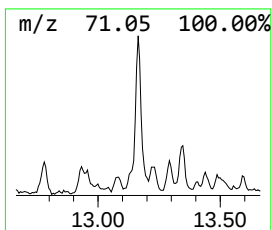
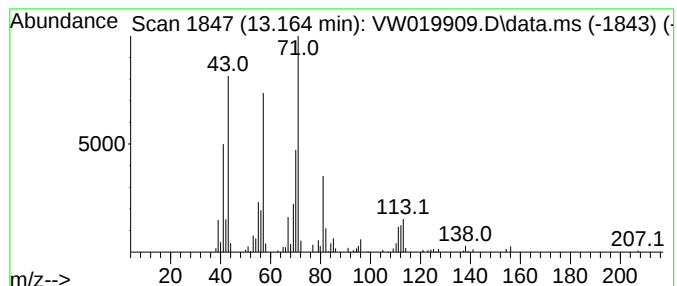
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Quant Title : SFAM01.0

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

Peak Number 43 Oxalic acid, 2-ethylhexyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	6.50 ug/L	166539	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59
4			Decane, 4-methyl-	156	C11H24	002847-72-5	55
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

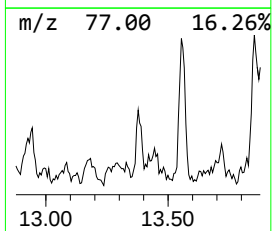
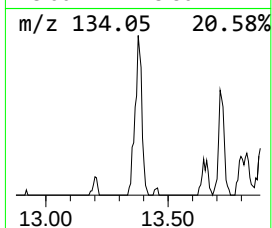
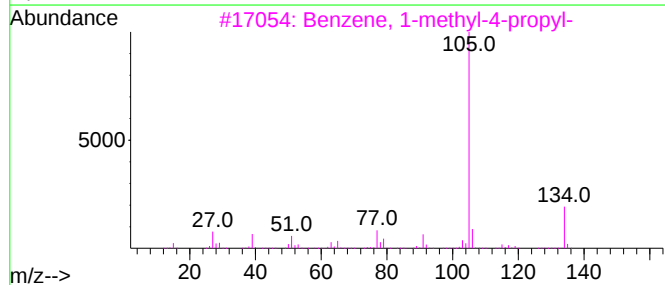
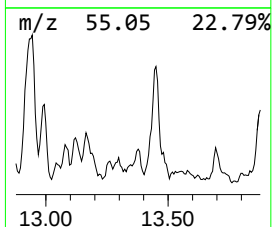
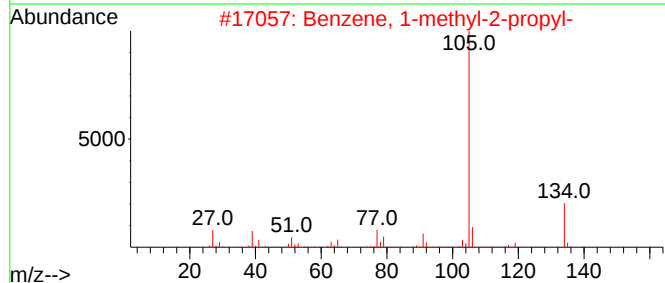
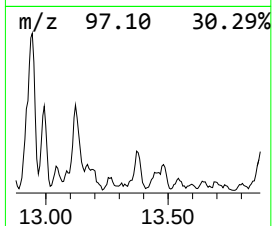
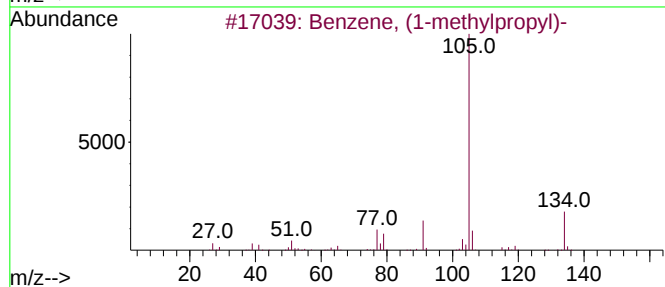
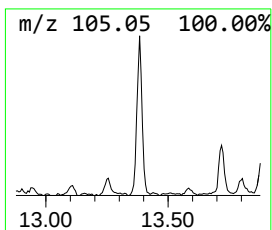
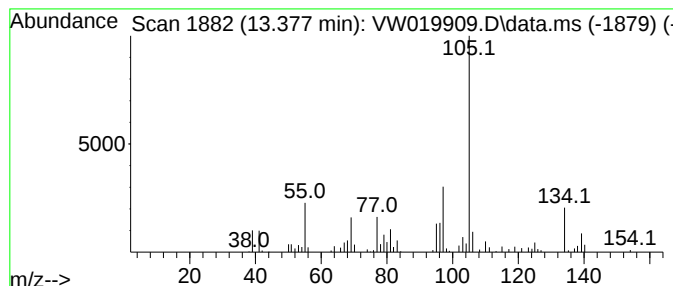
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Quant Title : SFAM01.0

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

Peak Number 44 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	1.35 ug/L	34475	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

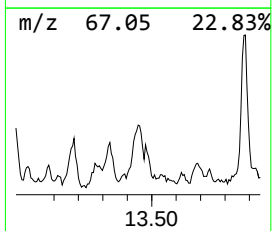
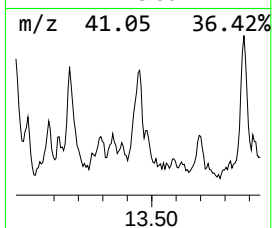
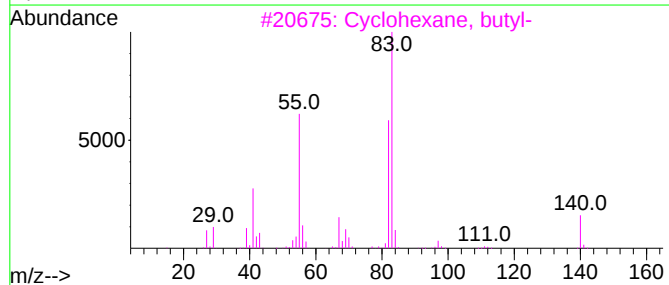
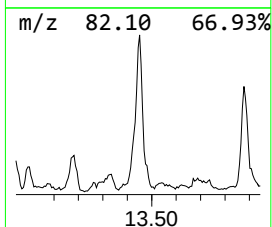
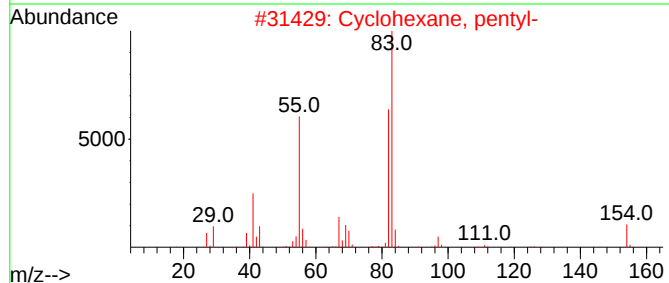
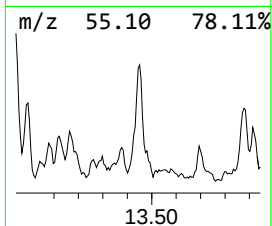
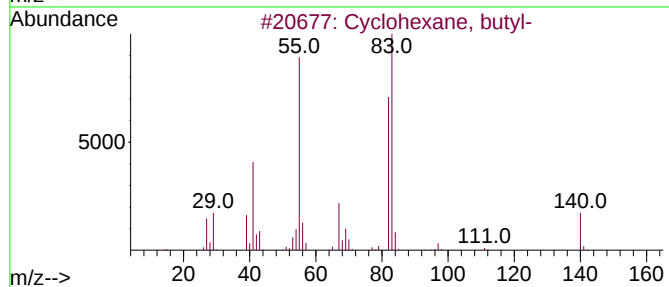
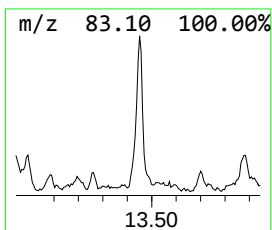
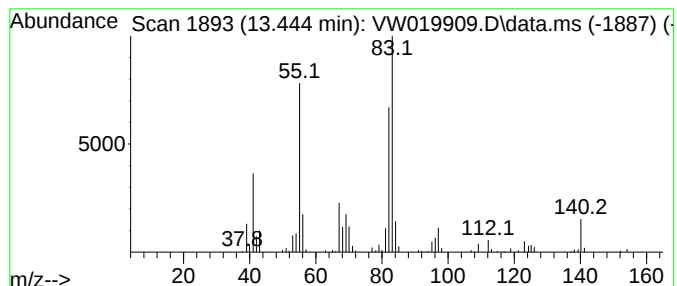
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Cyclic13.444 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	5.43 ug/L	139057	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

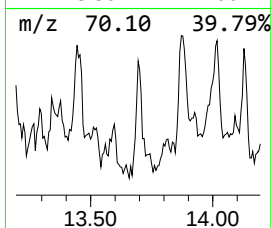
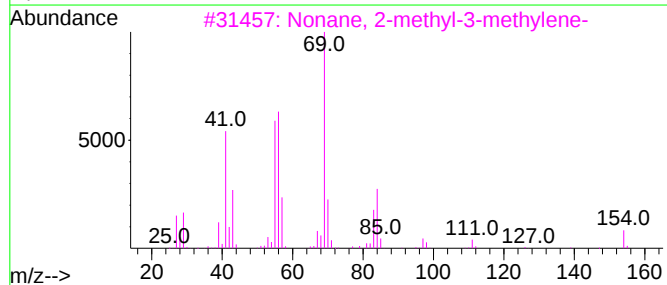
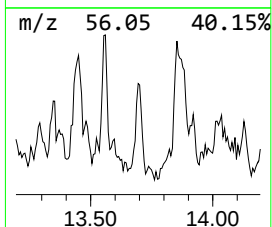
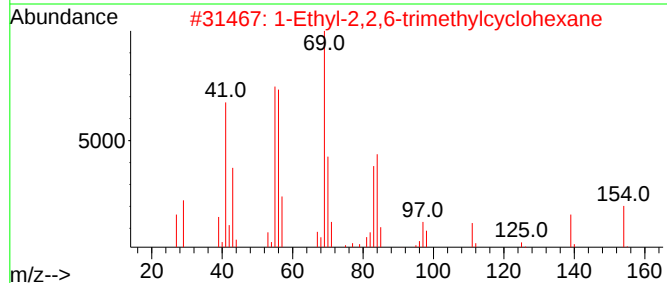
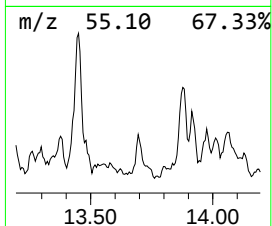
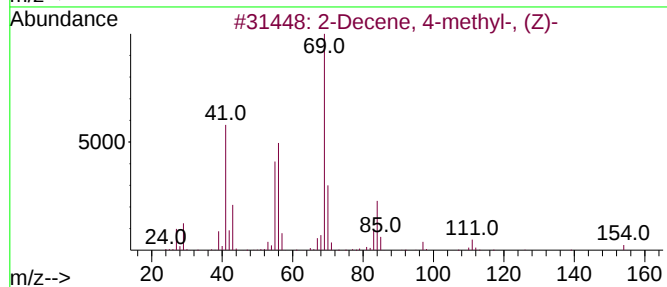
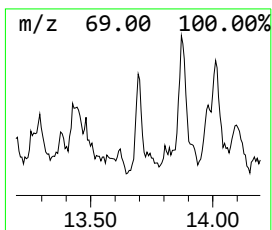
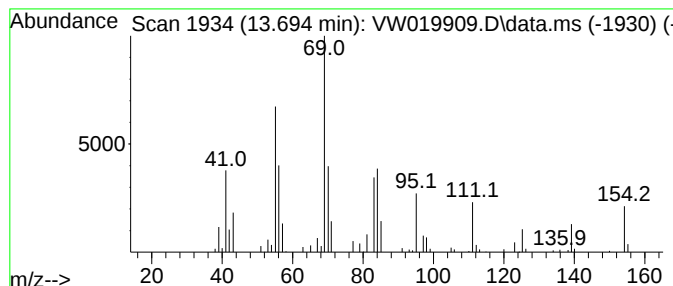
Instrument :
MSVOA_W
ClientSampleId :
EW7C2

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 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.694	4.27 ug/L	109270	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-		154	C11H22	074630-30-1	72
2	1-Ethyl-2,2,6-trimethylcyclohexane		154	C11H22	071186-27-1	53
3	Nonane, 2-methyl-3-methylene-		154	C11H22	055499-08-6	53
4	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	49
5	2-Undecene, 4-methyl-		168	C12H24	091695-32-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

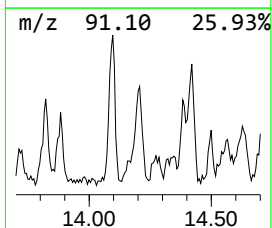
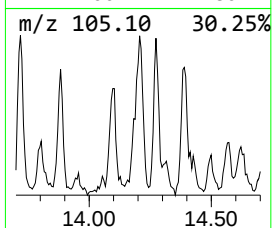
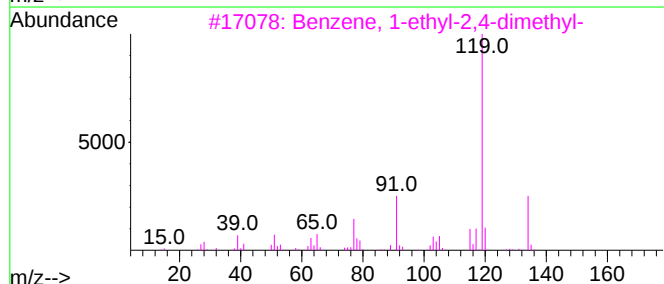
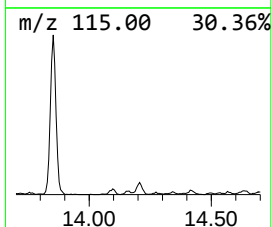
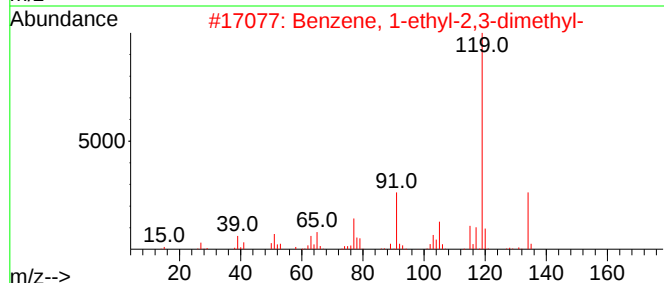
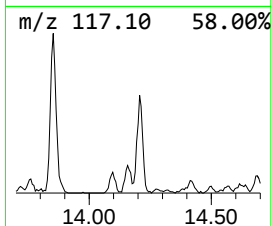
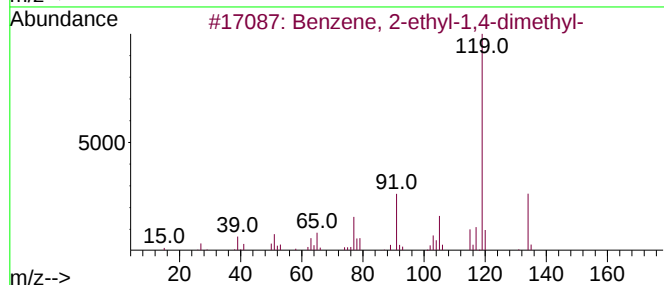
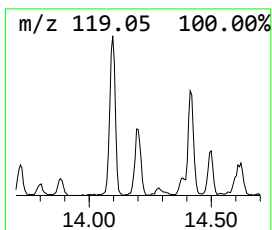
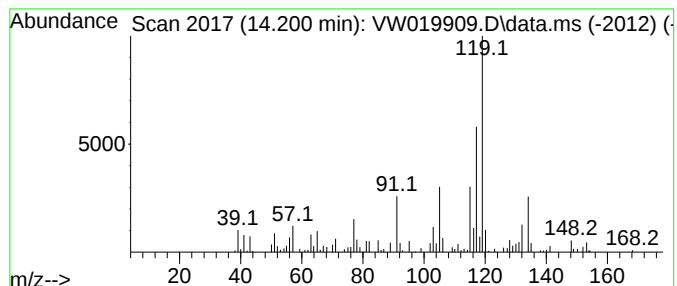
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Quant Title : SFAM01.0

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

Peak Number 49 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	2.95 ug/L	75499	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

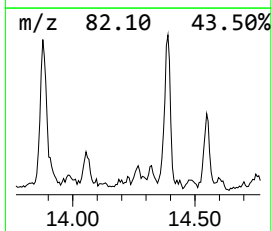
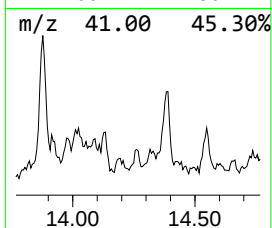
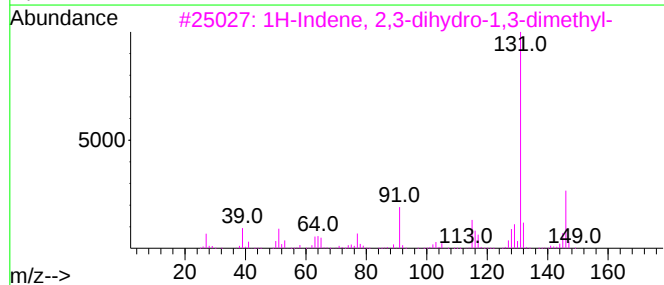
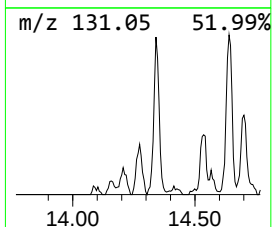
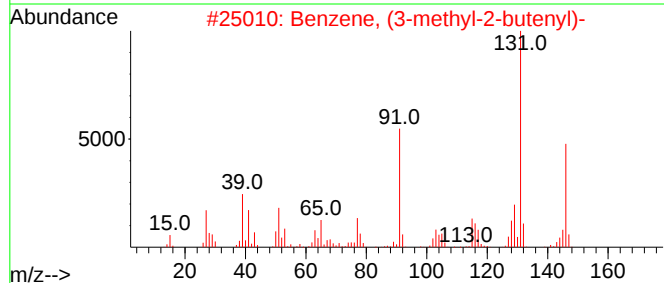
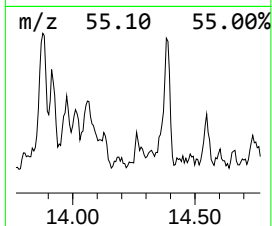
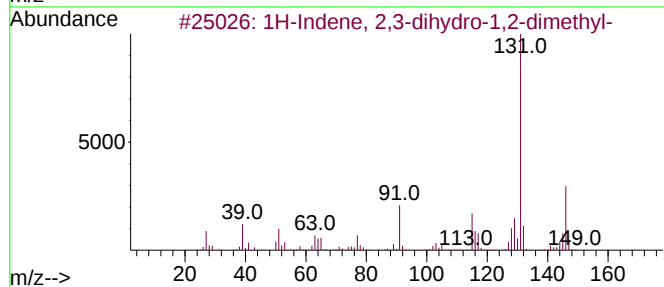
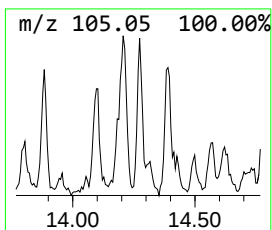
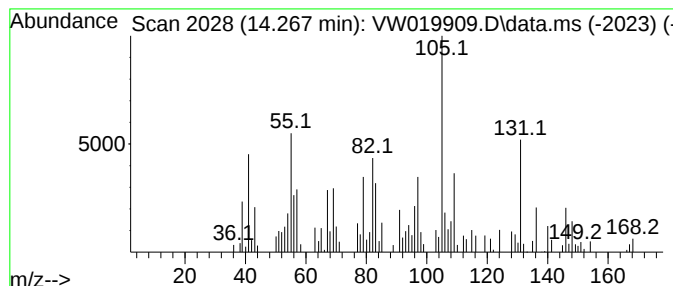
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Quant Title : SFAM01.0

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

Peak Number 50 unknown-04 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.267	1.66 ug/L	42452	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	20
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	20
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	18
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	18
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

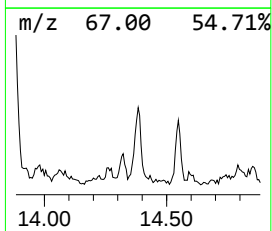
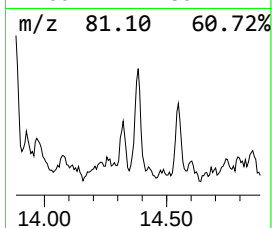
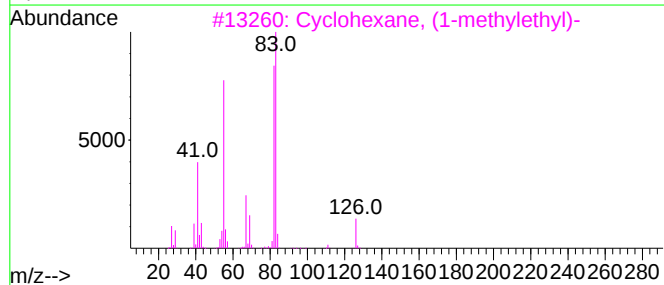
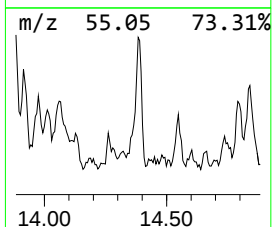
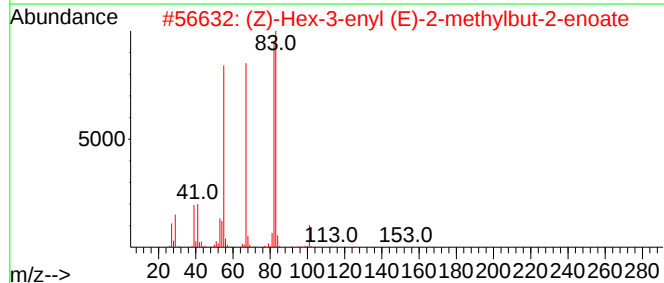
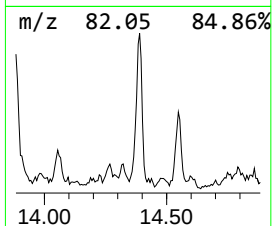
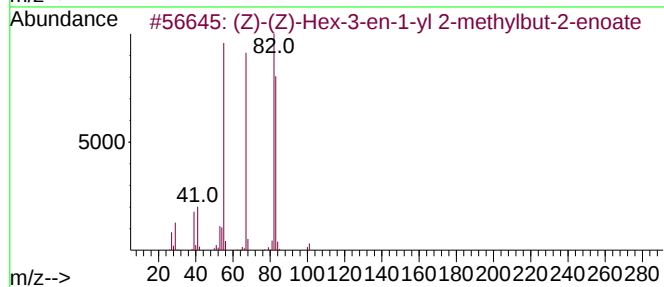
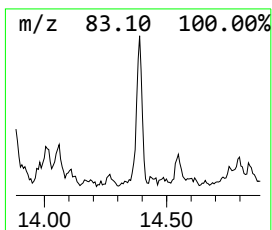
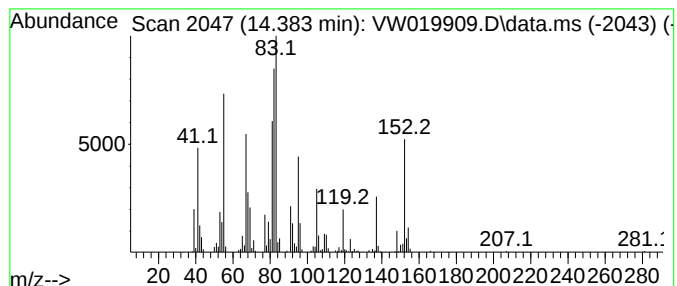
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Quant Title : SFAM01.0

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

Peak Number 51 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.90 ug/L	99976	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-(Z)-Hex-3-en-1-yl	2-methylbu...	182	C11H18O2	084060-80-0	43	
2	(Z)-Hex-3-enyl	(E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43	
3	Cyclohexane,	(1-methylethyl)-	126	C9H18	000696-29-7	38	
4	Cyclodecene,	1-methyl-	152	C11H20	066633-38-3	38	
5	Naphthalene,	decahydro-2-methyl-	152	C11H20	002958-76-1	30	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

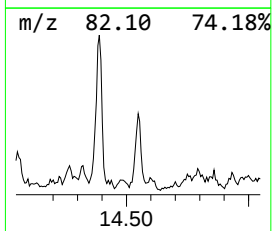
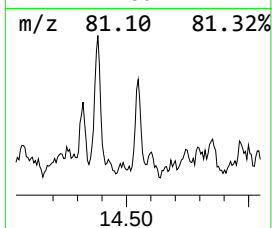
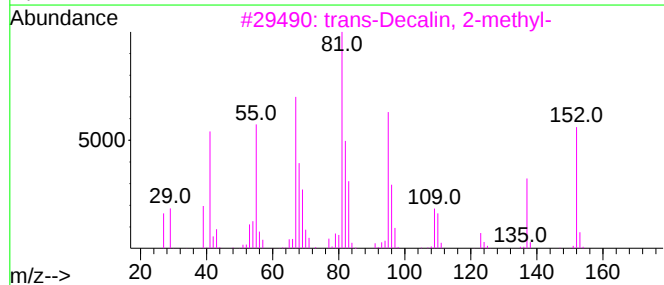
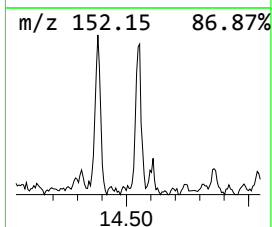
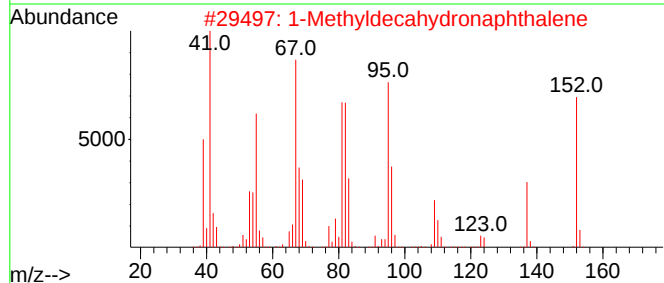
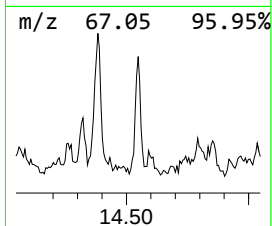
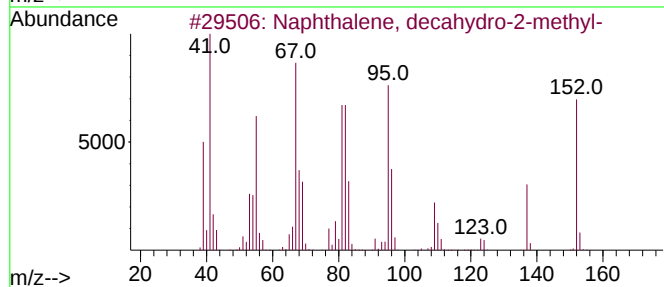
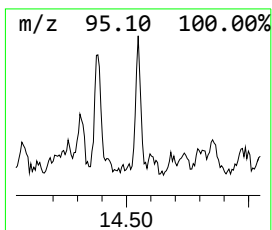
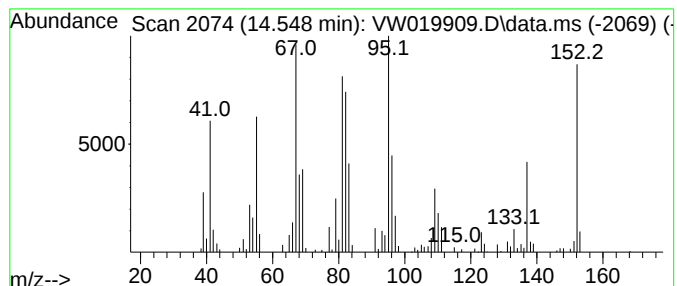
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Quant Title : SFAM01.0

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

Peak Number 52 Naphthalene, decahydro-2-me... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	3.60 ug/L	92262	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

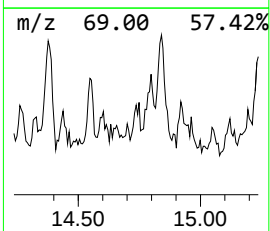
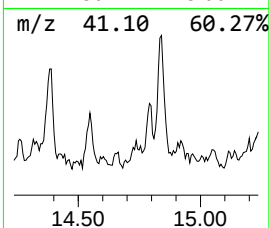
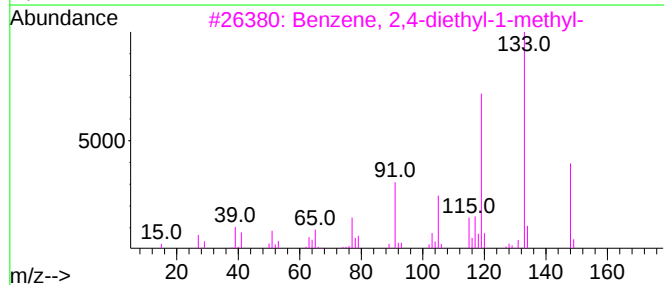
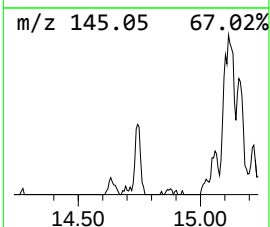
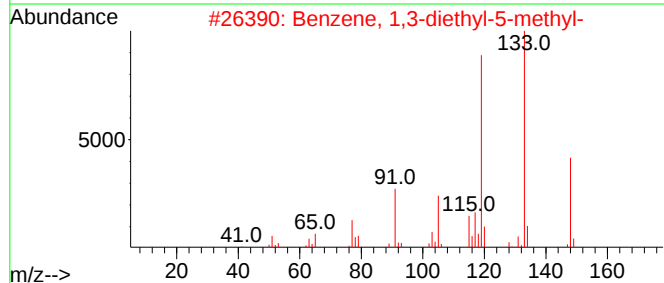
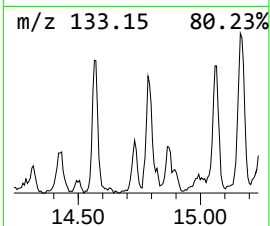
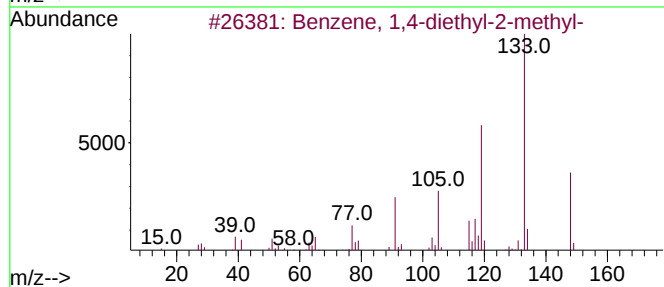
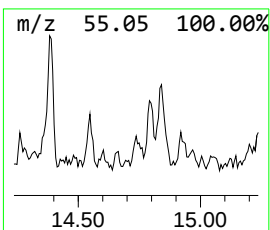
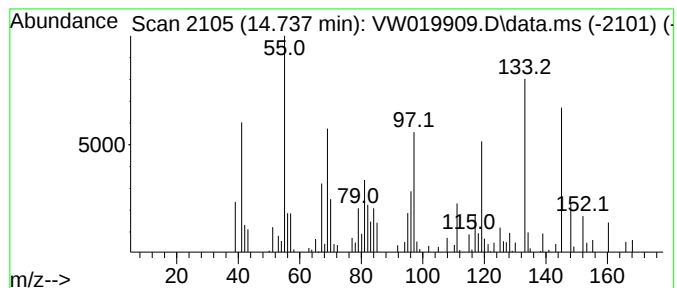
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Quant Title : SFAM01.0

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

Peak Number 53 unknown-06 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	1.37 ug/L	34988	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	41
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	25
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

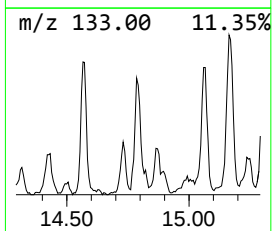
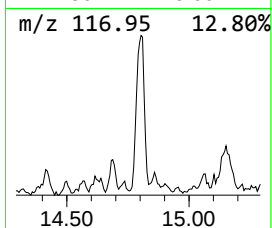
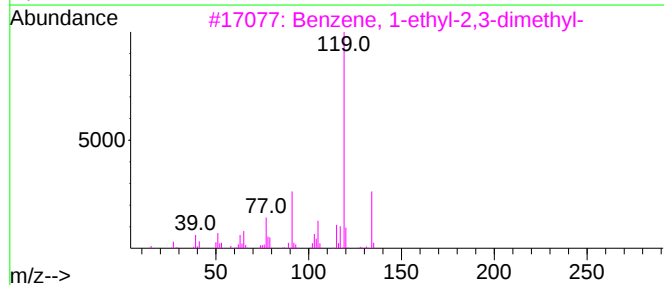
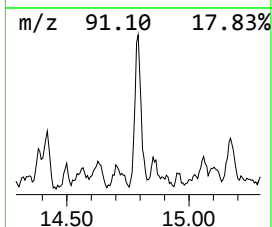
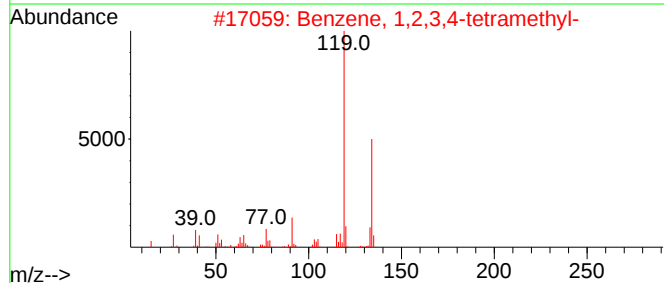
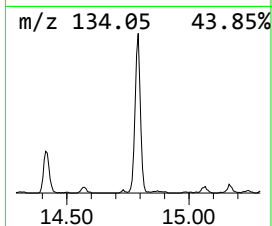
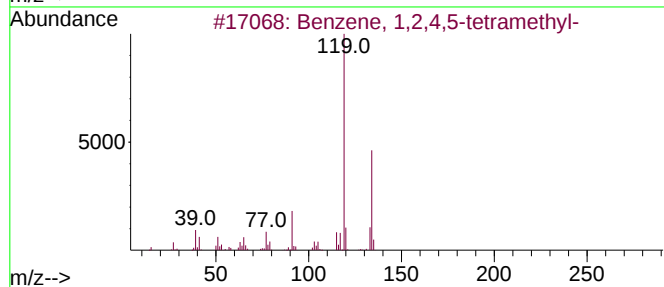
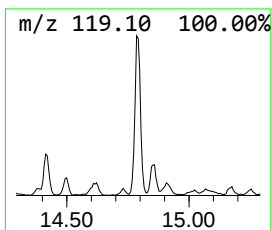
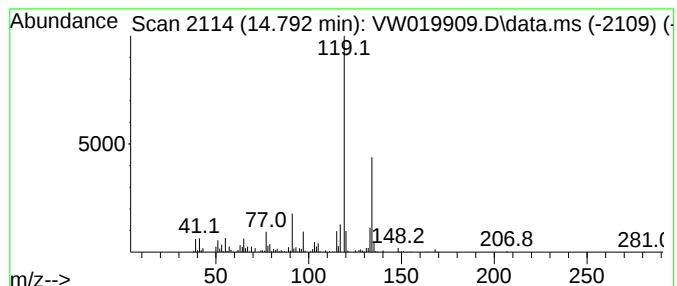
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Quant Title : SFAM01.0

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

Peak Number 54 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	9.27 ug/L	237521	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

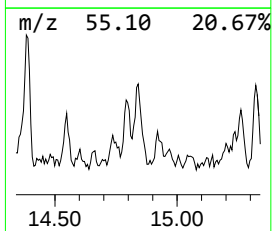
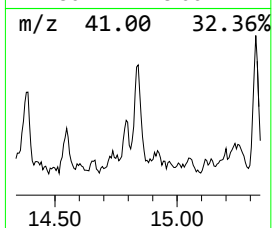
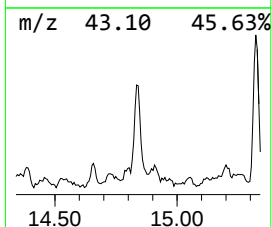
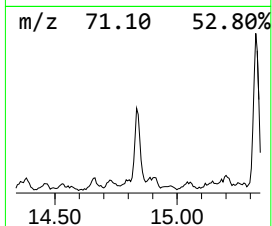
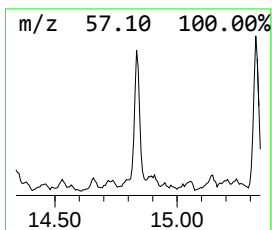
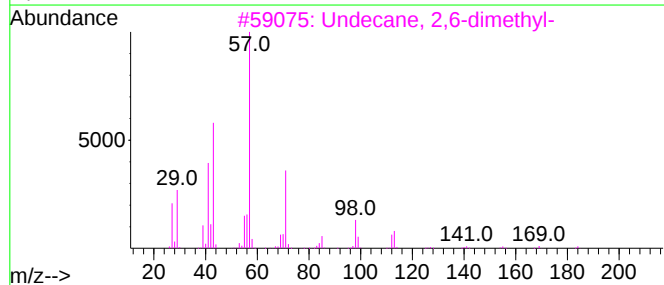
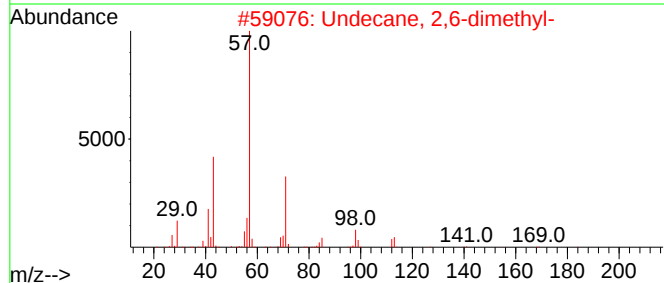
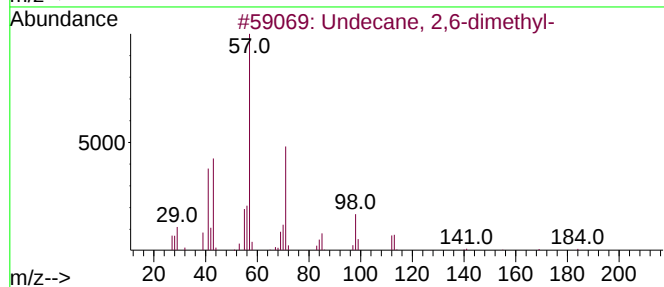
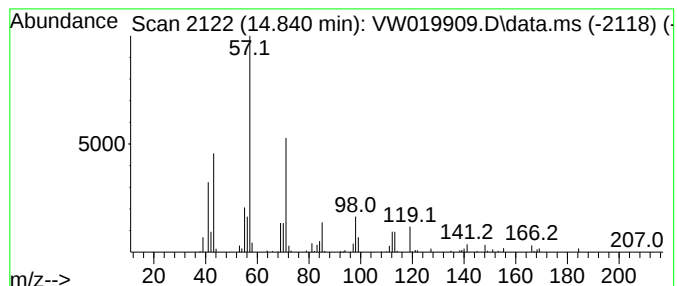
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Quant Title : SFAM01.0

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.840	6.11 ug/L	156403	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

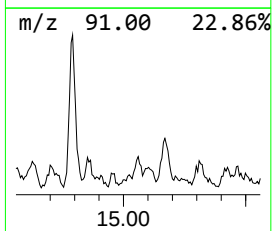
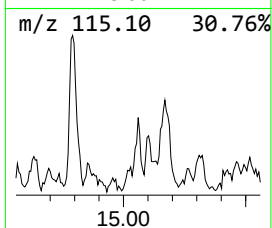
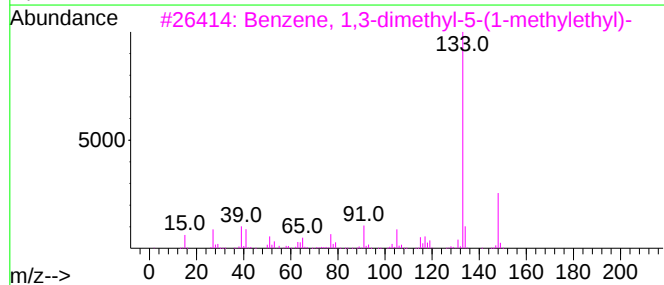
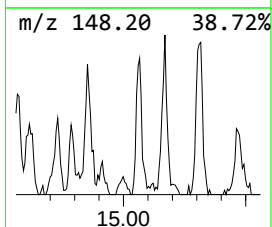
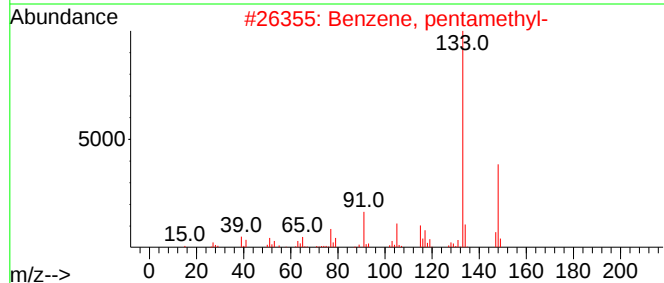
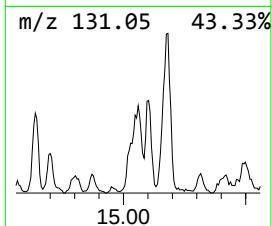
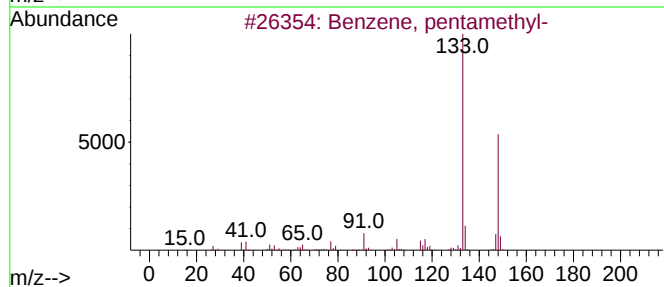
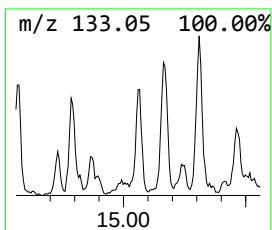
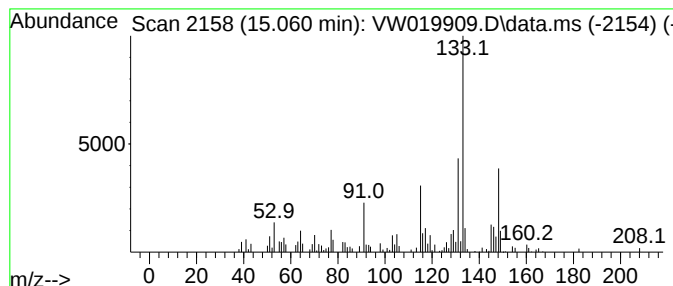
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Quant Title : SFAM01.0

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

Peak Number 56 Benzene, pentamethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.78 ug/L	45476	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	50
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

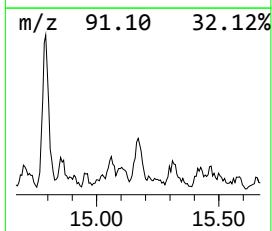
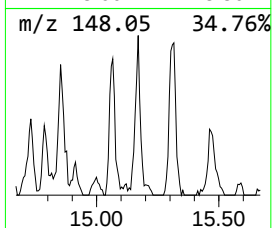
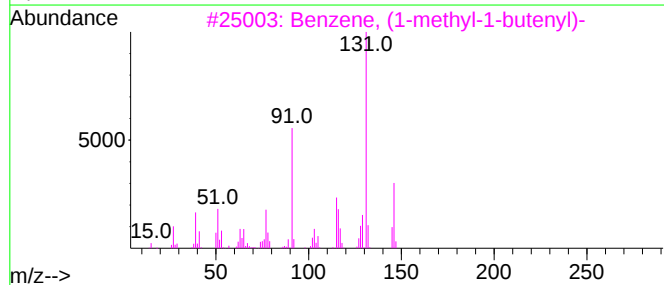
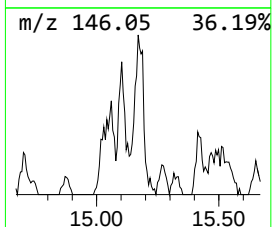
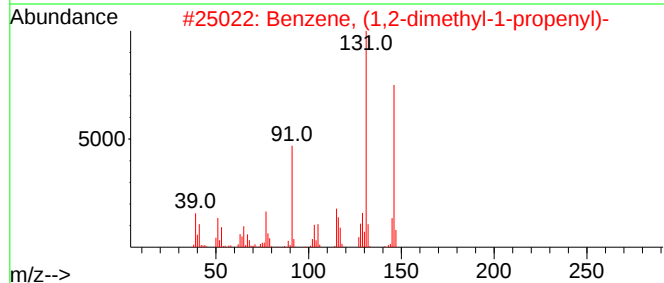
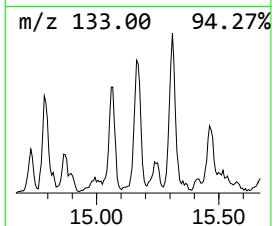
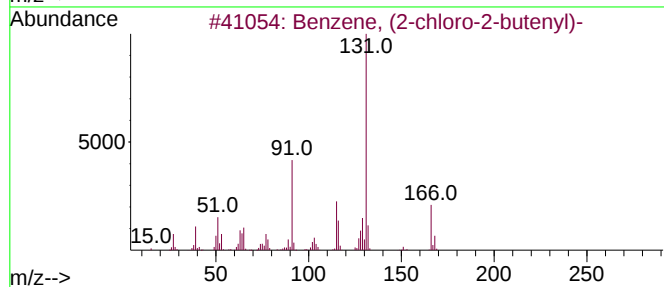
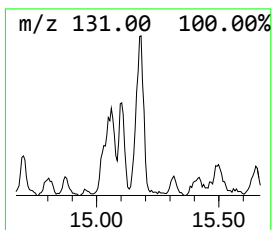
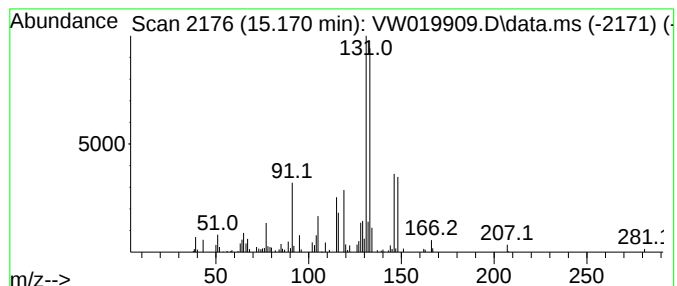
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Quant Title : SFAM01.0

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

Peak Number 57 Benzene, (2-chloro-2-butenyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	2.78 ug/L	71314	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	62
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
5			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

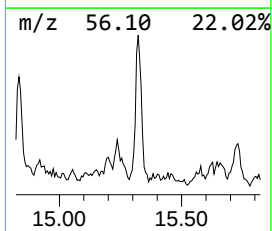
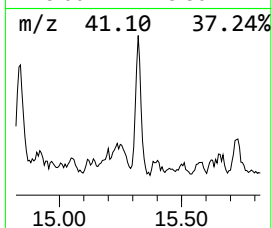
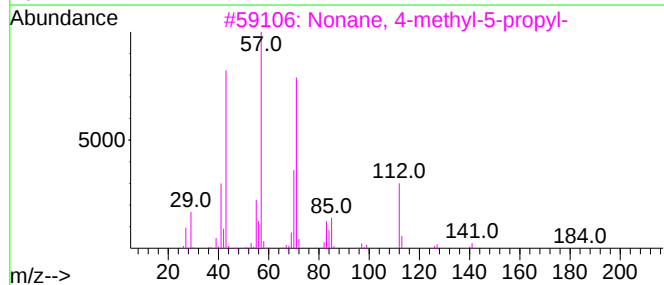
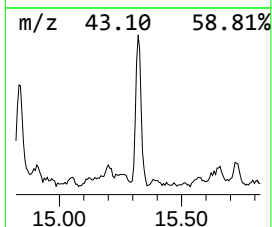
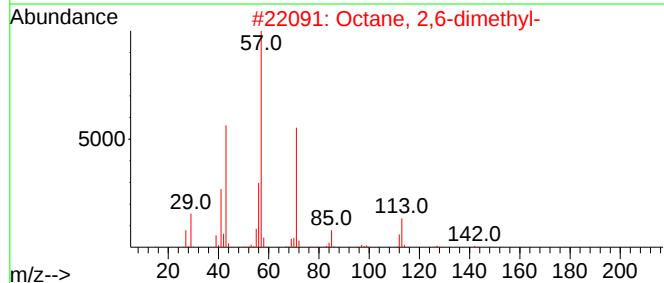
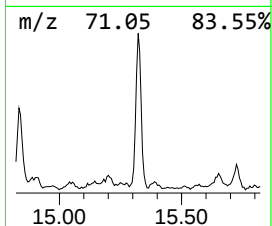
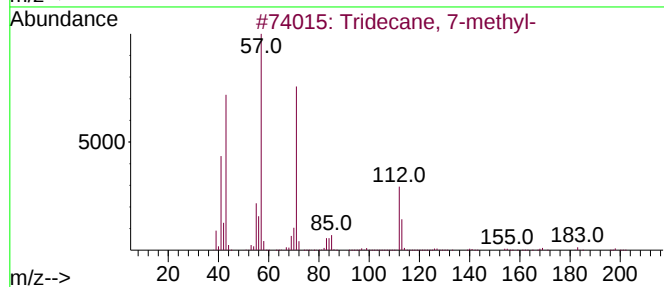
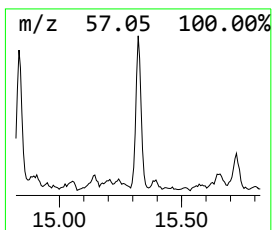
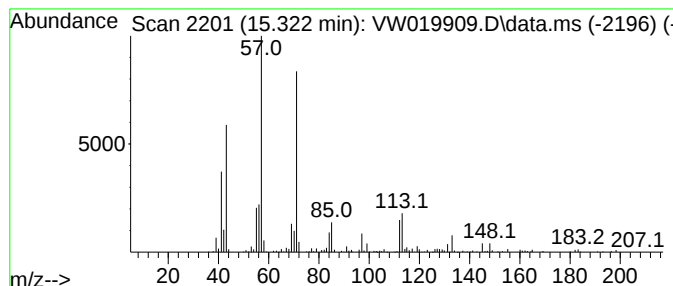
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Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	7.82 ug/L	200239	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4		1-Decene, 4-methyl-	154	C11H22	013151-29-6	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

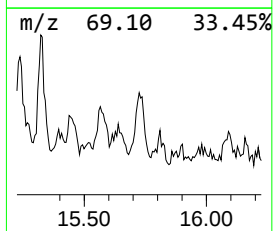
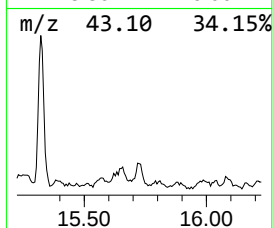
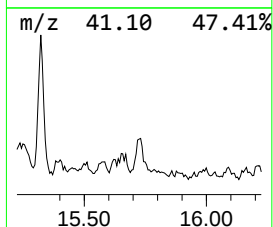
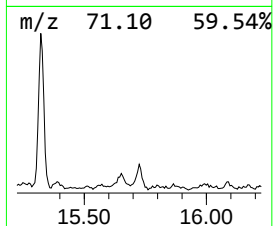
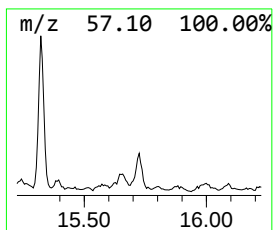
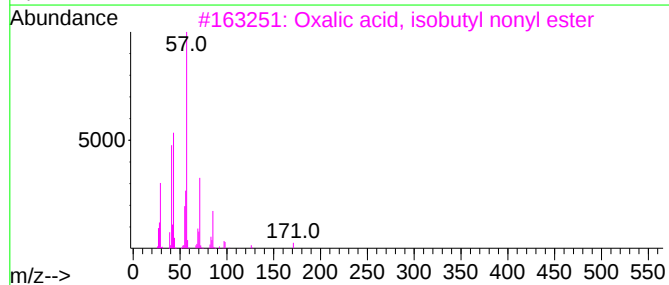
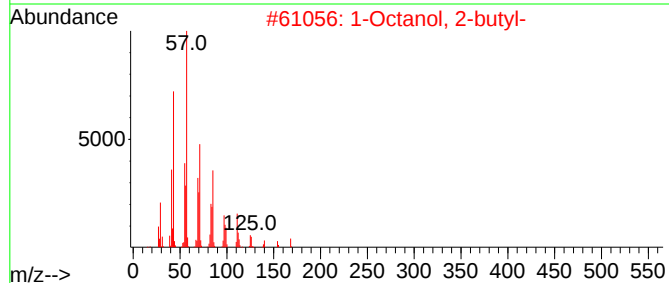
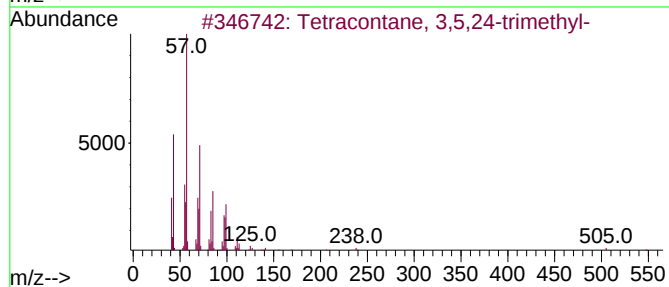
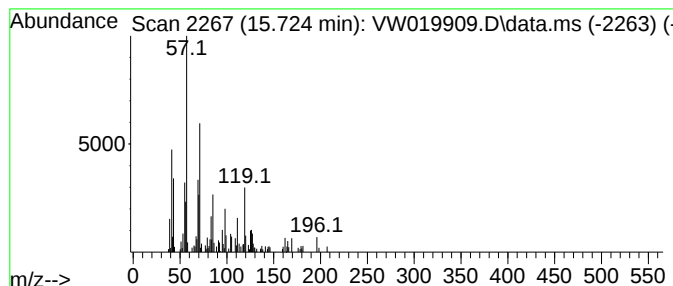
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Quant Title : SFAM01.0

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	1.93 ug/L	49443	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	35
4			Tridecane	184	C13H28	000629-50-5	27
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
Data File : VW019909.D
Acq On : 26 Aug 2021 11:59
Operator : SY/VA
Sample : M3526-12
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C2

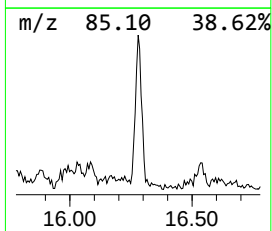
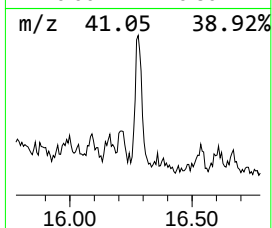
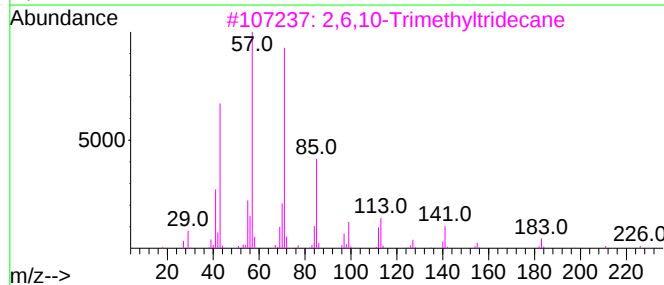
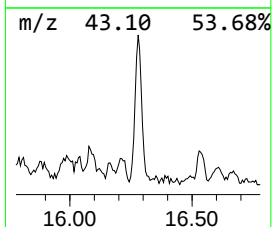
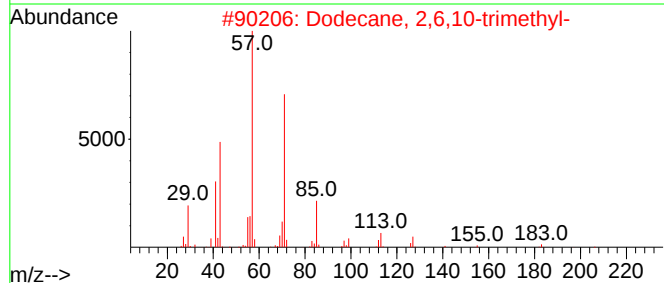
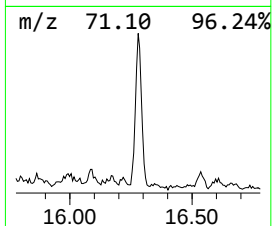
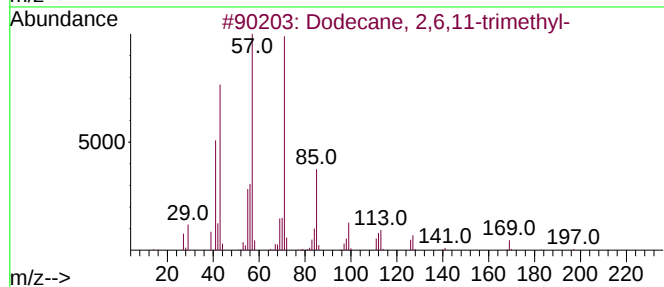
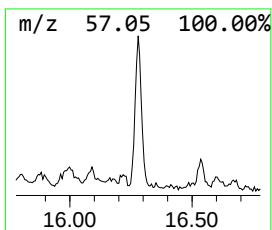
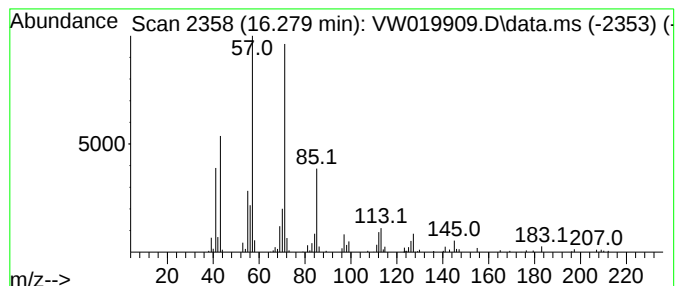
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Quant Title : SFAM01.0

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	3.56 ug/L	91264	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	78
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
 Data File : VW019909.D
 Acq On : 26 Aug 2021 11:59
 Operator : SY/VA
 Sample : M3526-12
 Misc : 5.38g/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	1.3	ug/L	41696	1	8.848	829351	25.0
(DEL) Alkane: S...	5.452	1.6	ug/L	54558	1	8.848	829351	25.0
(DEL) Alkane: S...	8.037	4.1	ug/L	136050	1	8.848	829351	25.0
(DEL) Alkane: S...	8.226	1.9	ug/L	62292	1	8.848	829351	25.0
(DEL) Alkane: C...	8.439	8.5	ug/L	283366	1	8.848	829351	25.0
(DEL) Alkane: C...	8.512	6.7	ug/L	221123	1	8.848	829351	25.0
(DEL) Alkane: C...	8.579	7.2	ug/L	237141	1	8.848	829351	25.0
(DEL) Alkane: C...	9.610	8.9	ug/L	296140	1	8.848	829351	25.0
(DEL) Alkane: C...	9.756	11.1	ug/L	366478	1	8.848	829351	25.0
(DEL) Alkane: S...	9.902	2.1	ug/L	69046	1	8.848	829351	25.0
(DEL) Alkane: S...	9.945	1.8	ug/L	59201	1	8.848	829351	25.0
(DEL) Alkane: C...	10.085	2.4	ug/L	80019	1	8.848	829351	25.0
(DEL) Alkane: S...	10.128	1.6	ug/L	52379	1	8.848	829351	25.0
(DEL) Alkane: C...	10.445	2.0	ug/L	70592	2	11.634	885466	25.0
(DEL) Alkane: C...	10.506	9.4	ug/L	332245	2	11.634	885466	25.0
(DEL) Alkane: C...	10.664	9.1	ug/L	322911	2	11.634	885466	25.0
(DEL) Alkane: C...	10.762	4.9	ug/L	174680	2	11.634	885466	25.0
(DEL) Alkane: S...	10.847	1.6	ug/L	55974	2	11.634	885466	25.0
(DEL) Alkane: S...	11.036	3.9	ug/L	139481	2	11.634	885466	25.0
(DEL) Alkane: C...	11.109	1.8	ug/L	63399	2	11.634	885466	25.0
(DEL) Alkane: C...	11.177	6.5	ug/L	231818	2	11.634	885466	25.0
(DEL) Alkane: C...	11.231	15.2	ug/L	539907	2	11.634	885466	25.0
(DEL) Alkane: C...	11.335	5.3	ug/L	186069	2	11.634	885466	25.0
(DEL) Alkane: C...	11.439	5.4	ug/L	191639	2	11.634	885466	25.0
Pentalene, octa...	11.725	1.3	ug/L	47007	2	11.634	885466	25.0
(DEL) Alkane: C...	11.768	1.8	ug/L	65098	2	11.634	885466	25.0
(DEL) Alkane: S...	11.804	2.1	ug/L	74480	2	11.634	885466	25.0
(DEL) Alkane: C...	11.878	4.8	ug/L	171581	2	11.634	885466	25.0
(DEL) Alkane: C...	11.914	3.7	ug/L	131319	2	11.634	885466	25.0
(DEL) Alkane: S...	11.975	1.4	ug/L	47928	2	11.634	885466	25.0
unknown-01	12.048	1.9	ug/L	68794	2	11.634	885466	25.0
(DEL) Alkane: C...	12.140	8.7	ug/L	306616	2	11.634	885466	25.0
(DEL) Alkane: S...	12.249	4.5	ug/L	159588	2	11.634	885466	25.0
(DEL) Alkane: C...	12.304	1.5	ug/L	54115	2	11.634	885466	25.0
Cyclooctene, 3-...	12.341	15.1	ug/L	534109	2	11.634	885466	25.0
unknown-02	12.615	1.7	ug/L	43363	3	13.560	640300	25.0
(DEL) Alkane: S...	12.780	11.4	ug/L	291348	3	13.560	640300	25.0
(DEL) Alkane: C...	12.859	4.5	ug/L	116204	3	13.560	640300	25.0
(DEL) Alkane: C...	12.932	13.0	ug/L	333020	3	13.560	640300	25.0
(DEL) Alkane: C...	12.993	2.6	ug/L	66294	3	13.560	640300	25.0
(DEL) Alkane: S...	13.079	1.8	ug/L	45919	3	13.560	640300	25.0
Oxalic acid, 2-...	13.164	6.5	ug/L	166539	3	13.560	640300	25.0
unknown-03	13.377	1.4	ug/L	34475	3	13.560	640300	25.0
(DEL) Alkane: C...	13.444	5.4	ug/L	139057	3	13.560	640300	25.0
(DEL) Alkane: S...	13.694	4.3	ug/L	109270	3	13.560	640300	25.0
Benzene, 2-ethy...	14.200	3.0	ug/L	75499	3	13.560	640300	25.0
unknown-04	14.267	1.7	ug/L	42452	3	13.560	640300	25.0
unknown-05	14.383	3.9	ug/L	99976	3	13.560	640300	25.0
Naphthalene, de...	14.548	3.6	ug/L	92262	3	13.560	640300	25.0
unknown-06	14.737	1.4	ug/L	34988	3	13.560	640300	25.0
Benzene, 1,2,4,...	14.792	9.3	ug/L	237521	3	13.560	640300	25.0
(DEL) Alkane: S...	14.840	6.1	ug/L	156403	3	13.560	640300	25.0

Benzene, pentam...	15.060	1.8	ug/L	45476	3	13.560	640300	25.0
Benzene, (2-chl...	15.170	2.8	ug/L	71314	3	13.560	640300	25.0
(DEL) Alkane: S...	15.322	7.8	ug/L	200239	3	13.560	640300	25.0
(DEL) Alkane: S...	15.724	1.9	ug/L	49443	3	13.560	640300	25.0
(DEL) Alkane: S...	16.279	3.6	ug/L	91264	3	13.560	640300	25.0

Instrument :
MSVOA_W
ClientSampleId :
EW7C2