

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023344.D
 Acq On : 26 May 2022 01:28
 Operator : SY/VA
 Sample : N2995-18
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR9

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	12	14	17	rVB3	3802	3526	0.03%	0.003%
2	2.154	37	41	46	rBV	6894	12620	0.11%	0.010%
3	2.349	67	73	82	rBV	108658	174054	1.46%	0.138%
4	2.885	155	161	169	rVB	55171	109758	0.92%	0.087%
5	3.465	253	256	261	rVB5	837	1153	0.01%	0.001%
6	3.708	292	296	297	rBV3	1872	2096	0.02%	0.002%
7	3.879	320	324	325	rBV4	1216	1187	0.01%	0.001%
8	4.013	336	346	359	rBV2	113185	336071	2.82%	0.266%
9	4.349	394	401	402	rBV5	1924	2767	0.02%	0.002%
10	4.379	402	406	407	rBV	3184	3659	0.03%	0.003%
11	4.787	470	473	476	rBV5	1200	1536	0.01%	0.001%
12	4.824	476	479	484	rBV5	823	1373	0.01%	0.001%
13	4.922	484	495	505	rBV3	10245	34444	0.29%	0.027%
14	5.452	581	582	586	rVV4	1485	2060	0.02%	0.002%
15	5.507	589	591	593	rVV3	1623	1503	0.01%	0.001%
16	5.604	606	607	609	rVV2	1352	1289	0.01%	0.001%
17	5.678	617	619	622	rVV4	1216	1519	0.01%	0.001%
18	5.732	626	628	631	rVV3	1062	1268	0.01%	0.001%
19	5.787	635	637	639	rVV3	1301	1533	0.01%	0.001%
20	5.934	653	661	672	rVB7	4824	16728	0.14%	0.013%
21	6.031	675	677	680	rVV3	1014	1166	0.01%	0.001%
22	6.312	718	723	728	rBV7	1048	2136	0.02%	0.002%
23	6.812	802	805	806	rBV3	1199	1378	0.01%	0.001%
24	6.903	816	820	821	rBV4	1343	2105	0.02%	0.002%
25	7.080	839	849	859	rBV	46746	143167	1.20%	0.113%
26	7.257	872	878	882	rBV3	3957	9240	0.08%	0.007%
27	7.531	919	923	924	rBV3	1432	1871	0.02%	0.001%
28	7.653	931	943	957	rBV	217351	544411	4.57%	0.430%
29	8.153	1018	1025	1026	rBV6	2463	4539	0.04%	0.004%
30	8.275	1034	1045	1059	rVV2	373639	1178202	9.88%	0.931%
31	8.573	1089	1094	1099	rVB8	2809	5982	0.05%	0.005%
32	8.708	1114	1116	1119	rVV4	1469	1651	0.01%	0.001%
33	8.842	1129	1138	1151	rBV	466563	914916	7.67%	0.723%
34	9.073	1169	1176	1182	rBV	3287	8739	0.07%	0.007%
35	9.134	1182	1186	1190	rVV7	1636	3499	0.03%	0.003%
36	9.189	1192	1195	1197	rVB3	1327	1445	0.01%	0.001%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	9.274	1200	1209	1215	rBV	285703	599131	5.02%	0.474%
38	9.335	1215	1219	1234	rVB	81564	174448	1.46%	0.138%
39	9.518	1245	1249	1253	rVB3	5542	7933	0.07%	0.006%
40	9.610	1253	1264	1269	rBV6	8687	22071	0.19%	0.017%
41	9.665	1269	1273	1276	rVV6	1670	1986	0.02%	0.002%
42	9.713	1278	1281	1282	rBV3	1650	1814	0.02%	0.001%
43	9.750	1282	1287	1293	rVB3	14748	26126	0.22%	0.021%
44	9.848	1300	1303	1304	rBV3	1042	1438	0.01%	0.001%
45	9.902	1306	1312	1315	rVV5	8972	17991	0.15%	0.014%
46	9.957	1315	1321	1324	rVV4	21873	45671	0.38%	0.036%
47	10.037	1328	1334	1339	rVV	143248	271337	2.28%	0.214%
48	10.091	1339	1343	1356	rVB2	36301	94449	0.79%	0.075%
49	10.244	1365	1368	1372	rVB6	5332	8029	0.07%	0.006%
50	10.323	1373	1381	1397	rBV	706552	1377293	11.55%	1.089%
51	10.445	1397	1401	1403	rBV4	8675	13248	0.11%	0.010%
52	10.488	1403	1408	1417	rVB4	48613	118314	0.99%	0.094%
53	10.579	1417	1423	1431	rBV	96529	181046	1.52%	0.143%
54	10.664	1431	1437	1442	rBV	123105	212466	1.78%	0.168%
55	10.762	1447	1453	1457	rBV	63368	117402	0.98%	0.093%
56	10.847	1462	1467	1472	rVB2	37174	62855	0.53%	0.050%
57	10.927	1472	1480	1488	rBV2	263919	509019	4.27%	0.402%
58	11.036	1492	1498	1505	rBV	81816	162602	1.36%	0.129%
59	11.110	1505	1510	1513	rBV2	58013	92604	0.78%	0.073%
60	11.177	1513	1521	1525	rVV	299304	537697	4.51%	0.425%
61	11.225	1525	1529	1535	rVB	239776	414291	3.47%	0.328%
62	11.280	1535	1538	1542	rVB	50702	68801	0.58%	0.054%
63	11.335	1542	1547	1551	rBV3	166629	276912	2.32%	0.219%
64	11.402	1551	1558	1560	rVV3	129182	280394	2.35%	0.222%
65	11.433	1560	1563	1570	rVB	212960	348241	2.92%	0.275%
66	11.512	1570	1576	1581	rBV	354831	581803	4.88%	0.460%
67	11.628	1587	1595	1603	rBV	695984	1246967	10.46%	0.986%
68	11.719	1607	1610	1613	rVB	55346	66348	0.56%	0.052%
69	11.762	1613	1617	1621	rBV	121860	175079	1.47%	0.138%
70	11.811	1621	1625	1630	rVB3	145286	250369	2.10%	0.198%
71	11.872	1630	1635	1639	rBV	764463	1339916	11.24%	1.059%
72	11.975	1647	1652	1653	rBV3	83374	125638	1.05%	0.099%
73	12.061	1659	1666	1671	rVB3	411037	883844	7.41%	0.699%
74	12.134	1671	1678	1684	rBV3	1422154	3115975	26.13%	2.463%
75	12.189	1684	1687	1690	rBV3	237798	298582	2.50%	0.236%
76	12.250	1693	1697	1701	rVB	1392486	2107400	17.67%	1.666%

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 Title : SFAM01.0

77	12.359	1701	1715	1717	rBV3	1617495	5615208	47.09%	4.439%
78	12.536	1742	1744	1751	rVB2	1226702	2010579	16.86%	1.589%
79	12.615	1751	1757	1762	rVB2	822210	1506371	12.63%	1.191%
80	12.695	1763	1770	1775	rBV4	1055068	2499298	20.96%	1.976%
81	12.780	1780	1784	1790	rVB2	1620165	2968800	24.89%	2.347%
82	12.859	1790	1797	1802	rBV5	918257	2436060	20.43%	1.926%
83	12.938	1803	1810	1815	rVV3	2293008	5585289	46.83%	4.415%
84	12.987	1816	1818	1824	rVB2	1124387	1625415	13.63%	1.285%
85	13.079	1829	1833	1836	rBV2	1111892	1554946	13.04%	1.229%
86	13.121	1836	1840	1843	rBV2	1197215	1965225	16.48%	1.554%
87	13.164	1843	1847	1853	rVB	4139948	5904816	49.51%	4.668%
88	13.292	1864	1868	1871	rBV	1006151	1339301	11.23%	1.059%
89	13.444	1890	1893	1897	rVB2	2346033	3119365	26.16%	2.466%
90	13.877	1958	1964	1968	rBV2	5626550	9711865	81.44%	7.677%
91	13.975	1977	1980	1984	rBV3	1410791	2110714	17.70%	1.669%
92	14.194	2011	2016	2021	rBV4	1793128	3370236	28.26%	2.664%
93	14.261	2022	2027	2032	rVV6	2223766	4233640	35.50%	3.347%
94	14.383	2043	2047	2051	rBV3	4889820	6969218	58.44%	5.509%
95	14.542	2070	2073	2078	rVB2	3517176	5375788	45.08%	4.250%
96	14.719	2099	2102	2110	rVB3	2741924	4537011	38.04%	3.587%
97	14.798	2111	2115	2117	rBV	2500866	4130067	34.63%	3.265%
98	14.834	2118	2121	2128	rVB	7334302	11925512	100.00%	9.427%
99	15.322	2196	2201	2207	rBV	6478424	11234379	94.20%	8.881%
100	15.548	2235	2238	2246	rVB4	2886747	4996922	41.90%	3.950%

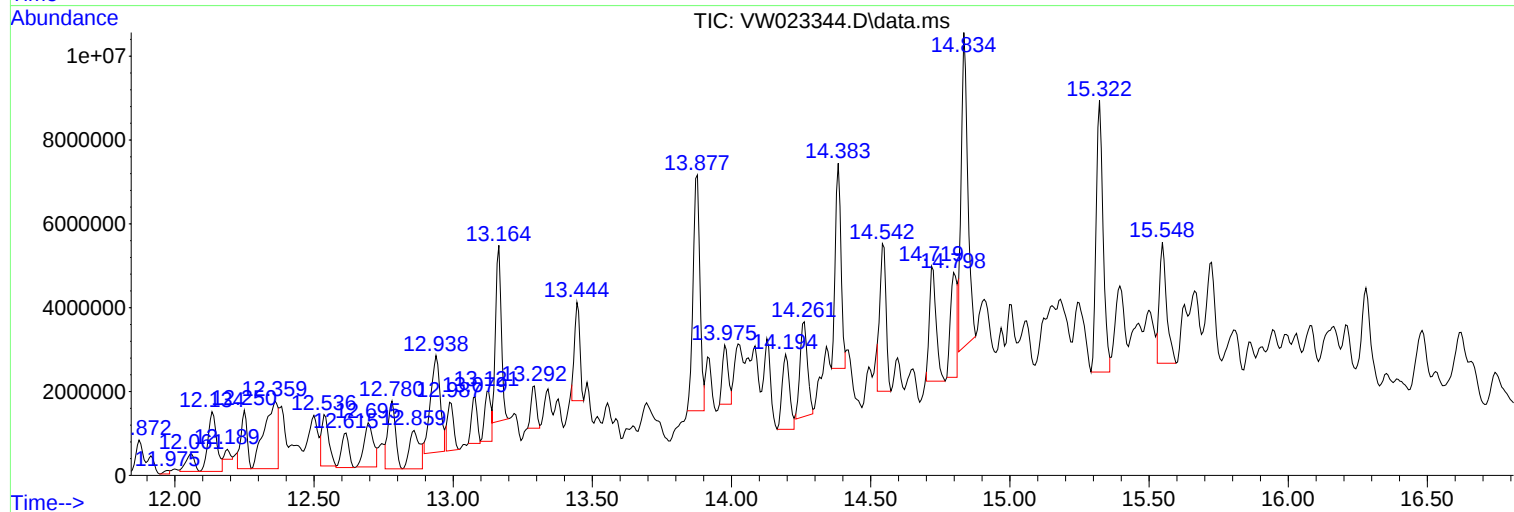
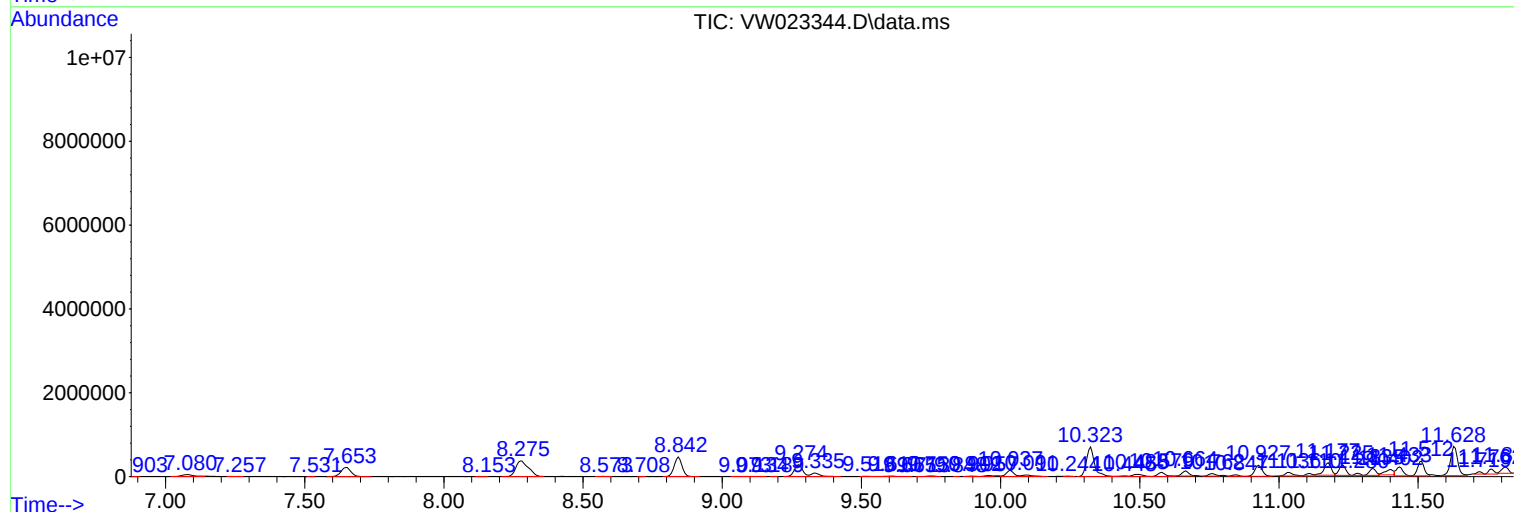
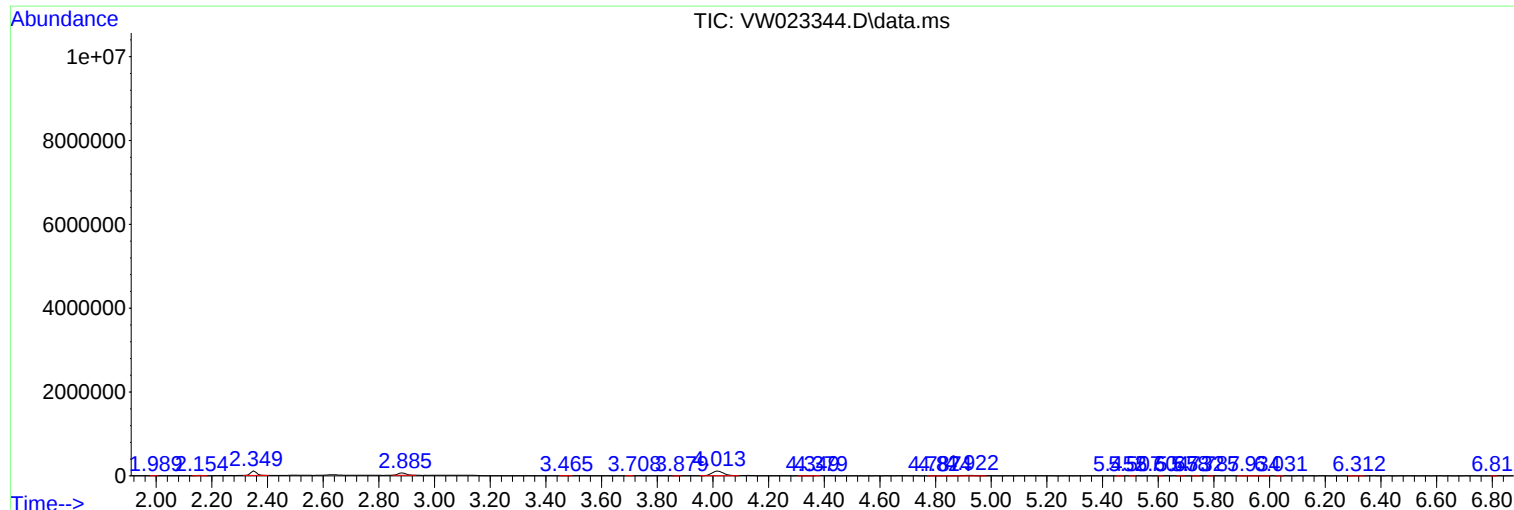
Sum of corrected areas: 126498146

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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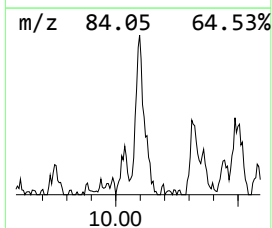
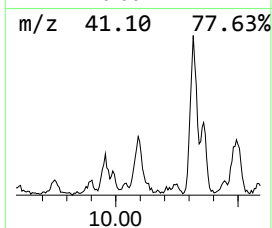
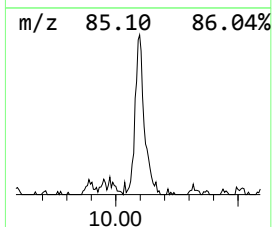
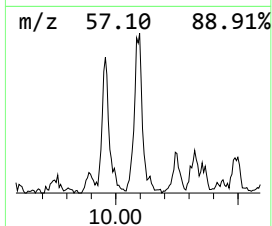
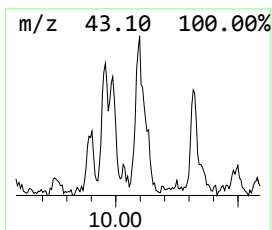
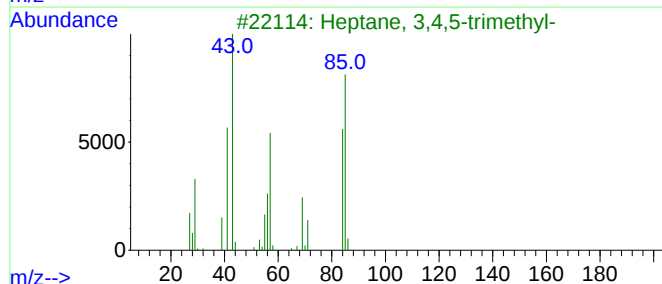
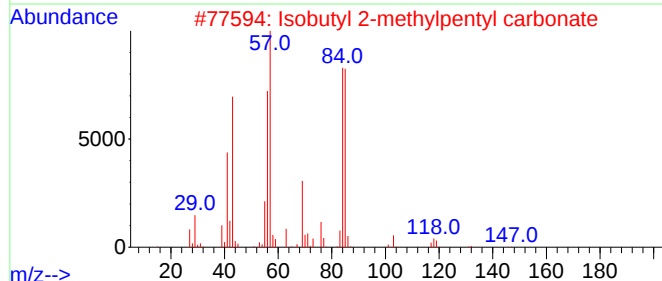
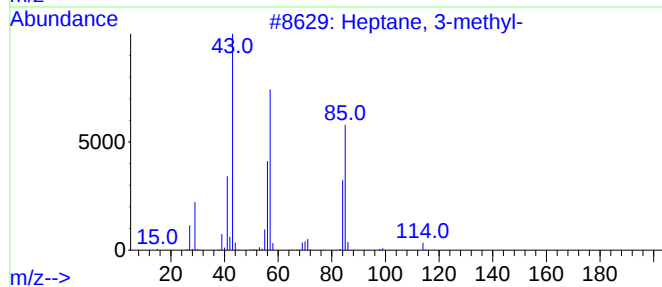
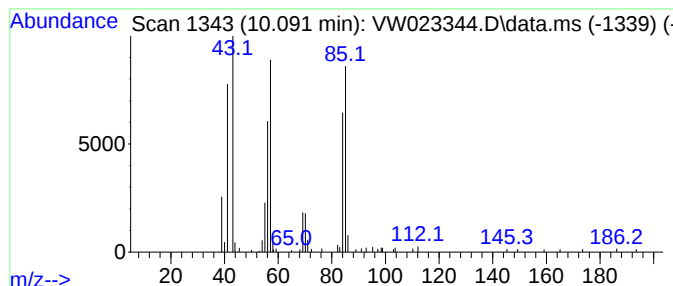
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.091	2.58 ug/L	94449	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2			Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	64
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



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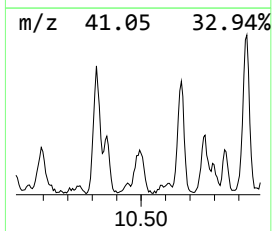
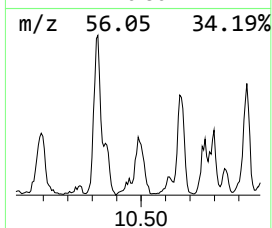
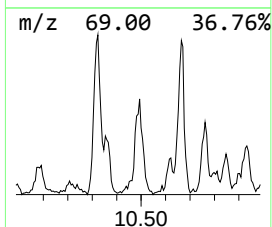
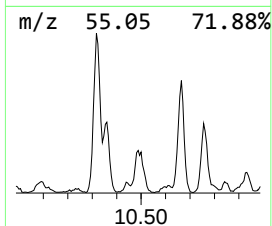
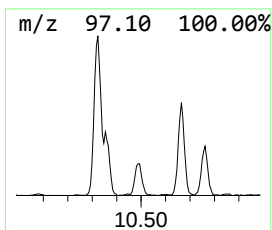
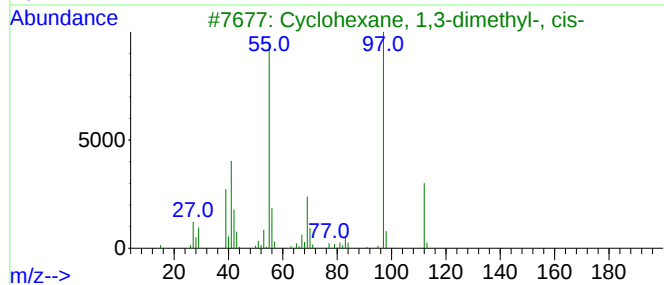
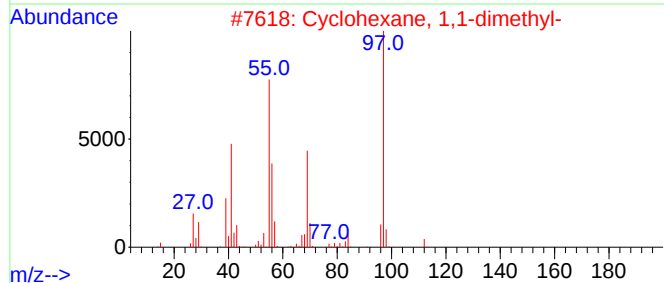
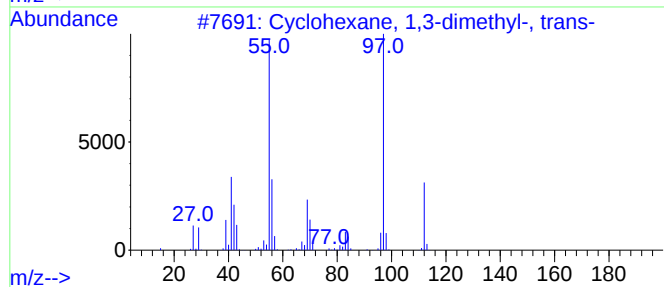
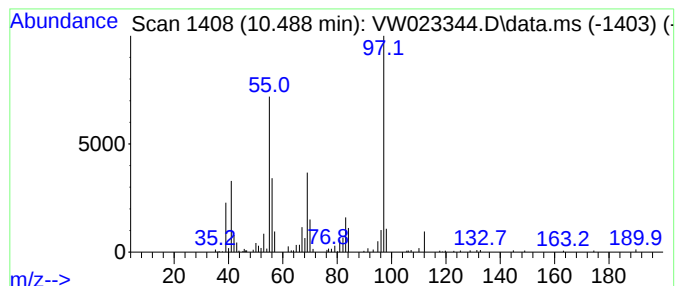
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic10.488 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.488	2.37 ug/L	118314	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	78
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59



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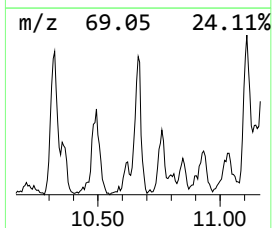
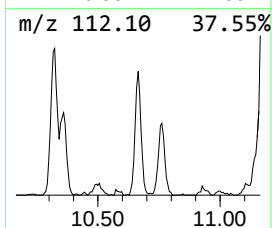
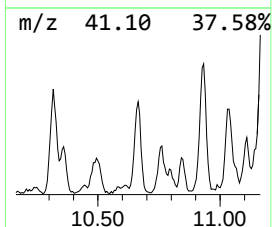
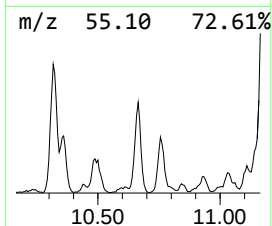
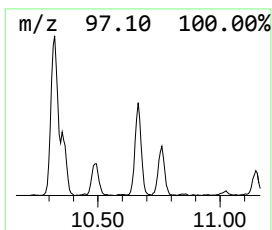
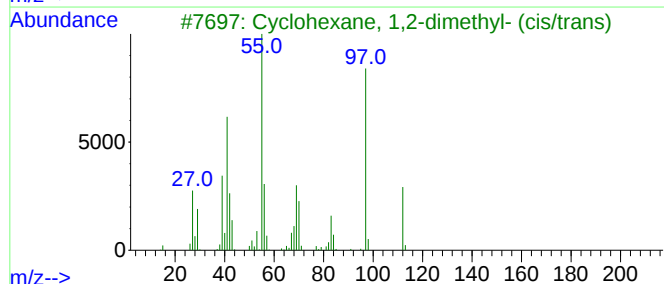
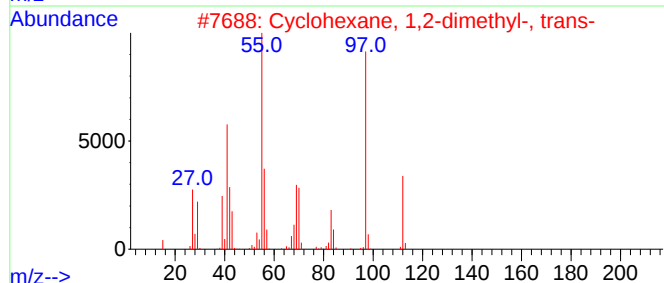
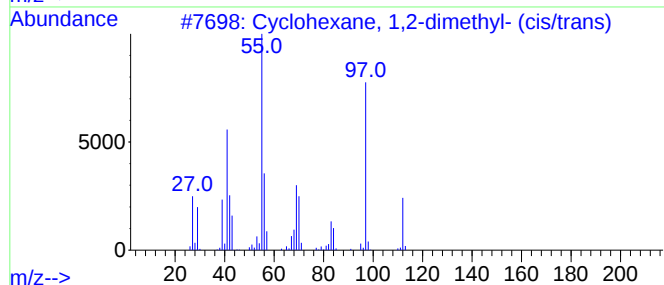
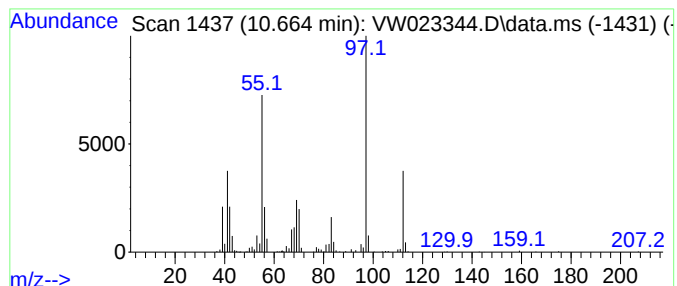
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic10.665 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	4.26 ug/L	212466	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
4			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	87
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

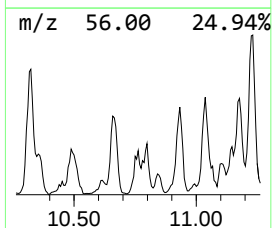
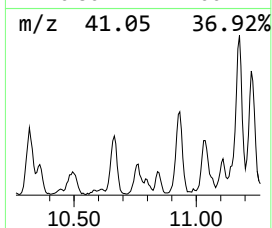
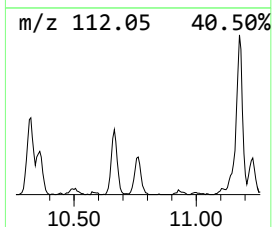
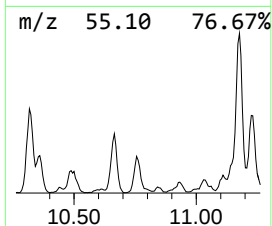
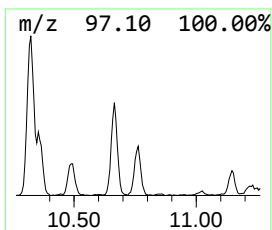
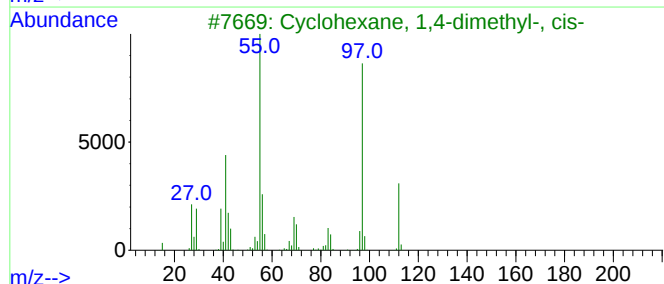
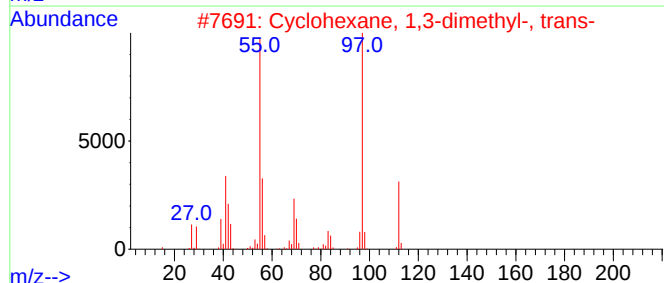
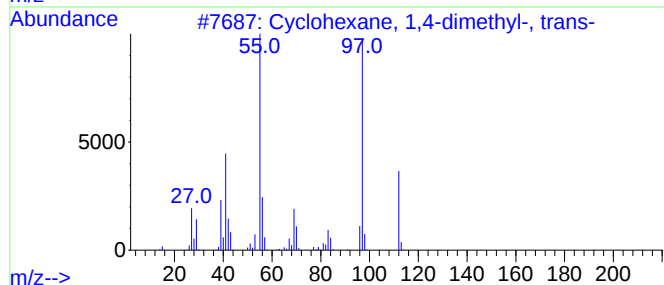
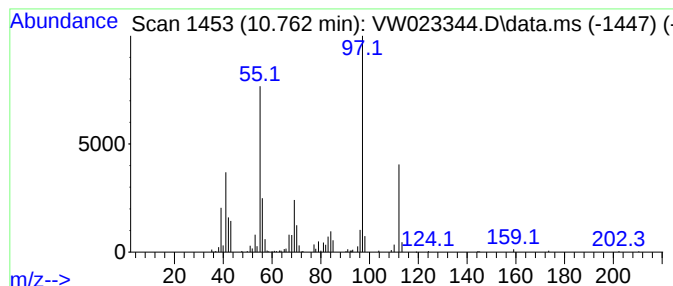
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic10.762 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	2.35 ug/L	117402	Chlorobenzene-d5	11.628

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

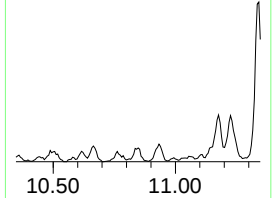
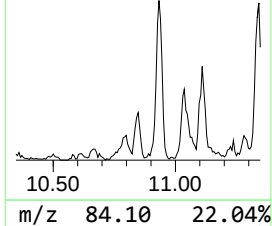
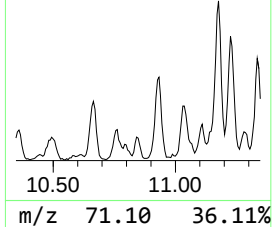
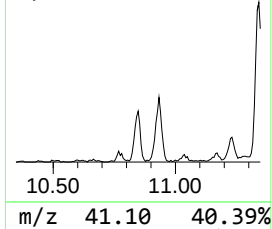
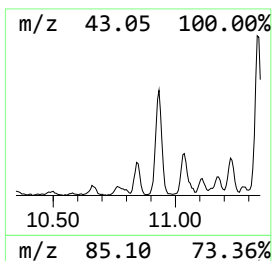
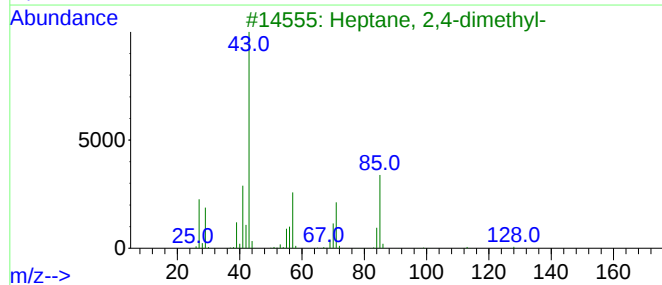
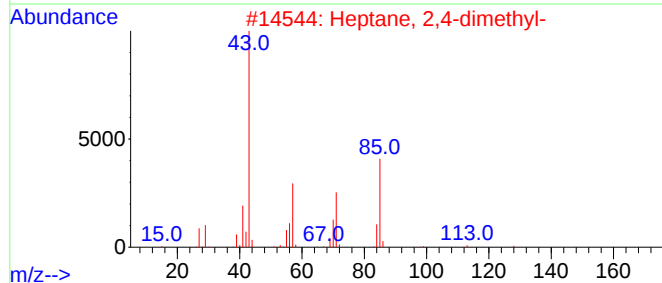
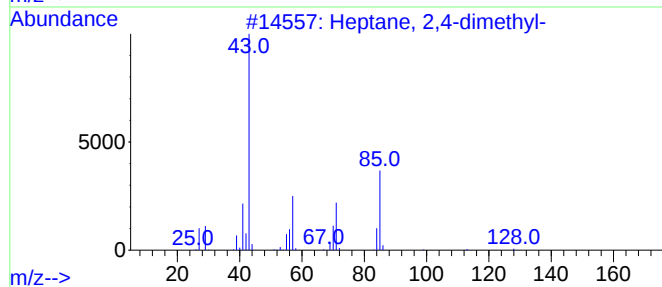
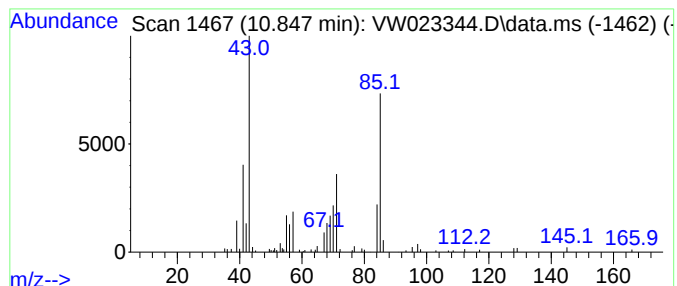
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	1.26 ug/L	62855	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	53
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

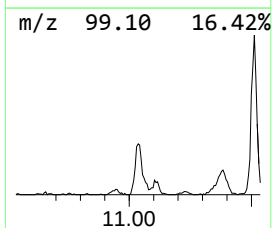
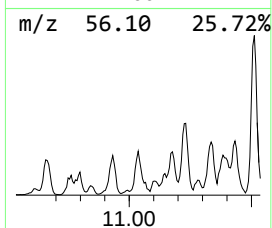
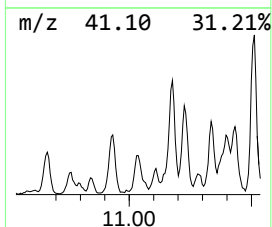
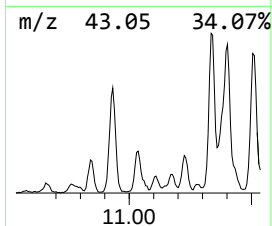
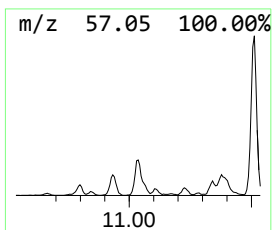
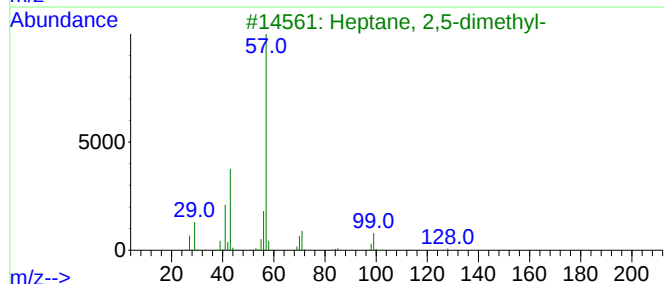
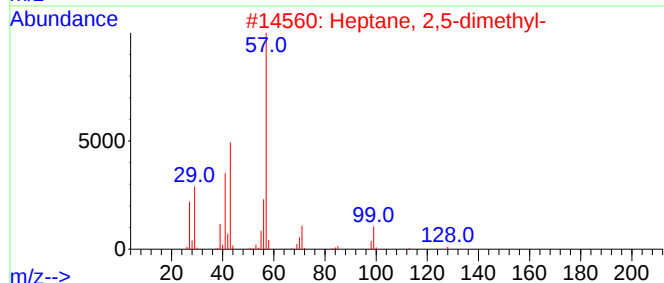
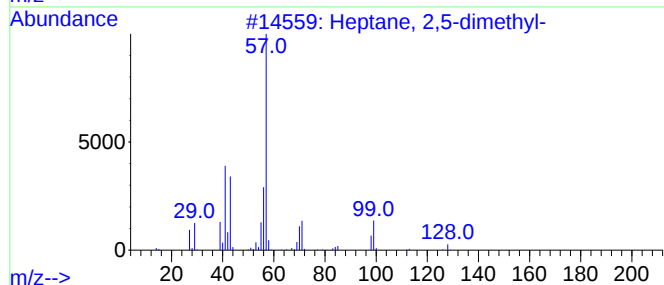
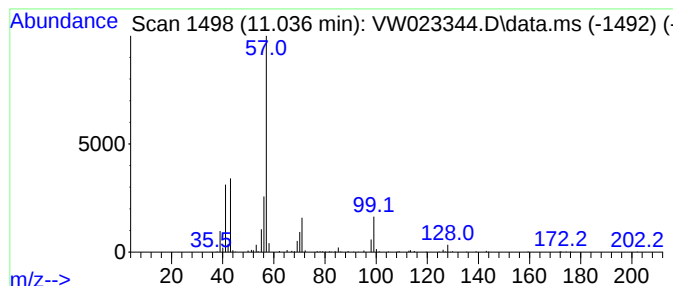
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	3.26 ug/L	162602	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

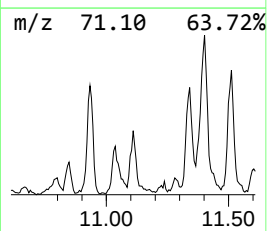
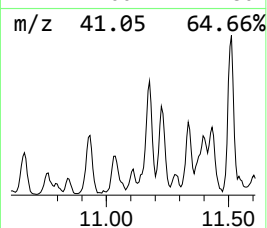
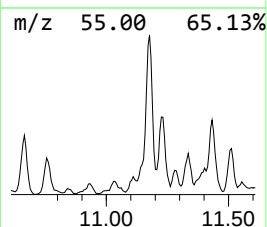
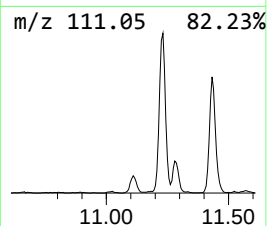
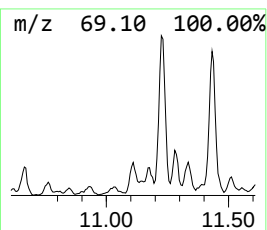
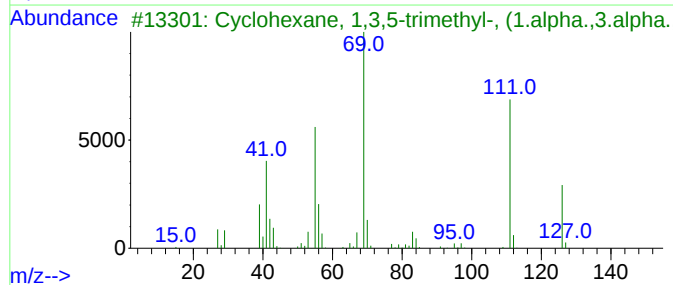
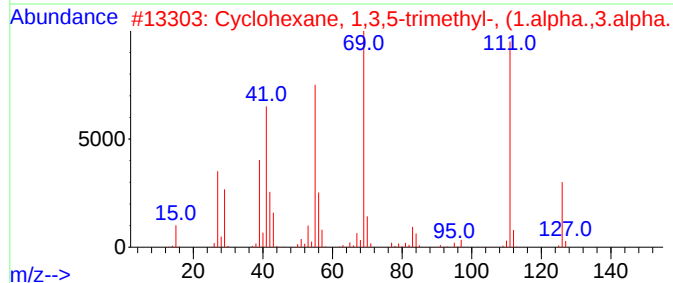
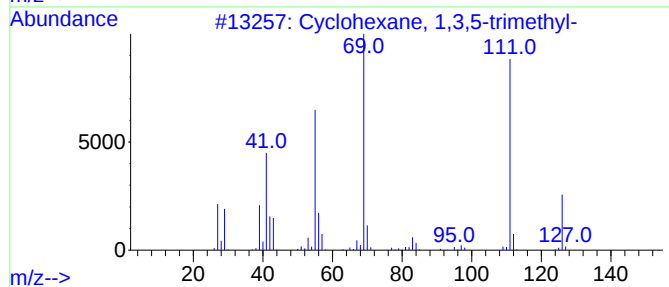
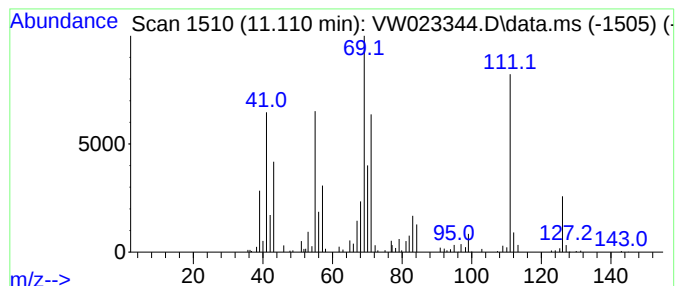
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.110 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	1.86 ug/L	92604	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	92
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
4			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	64
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

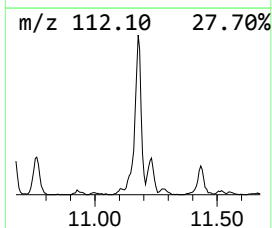
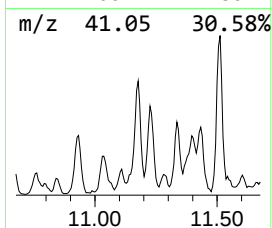
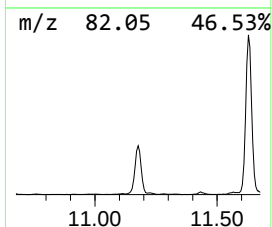
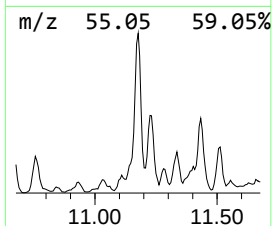
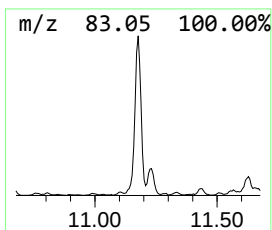
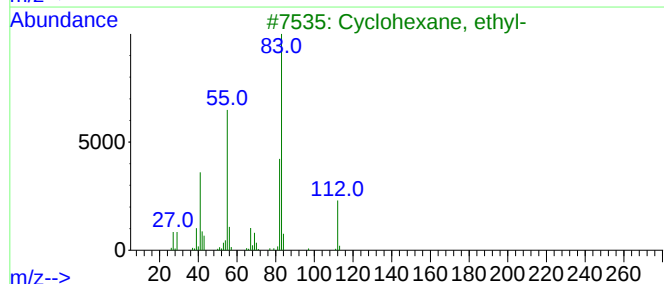
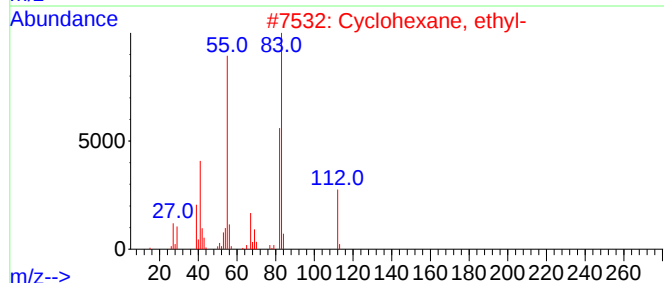
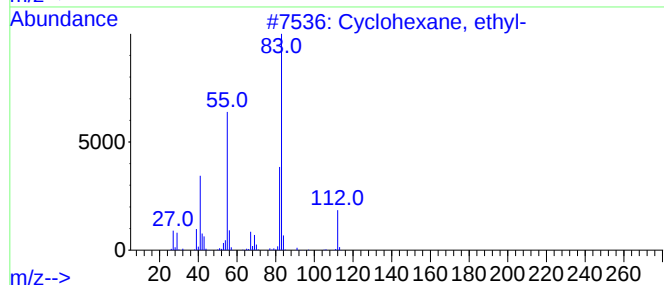
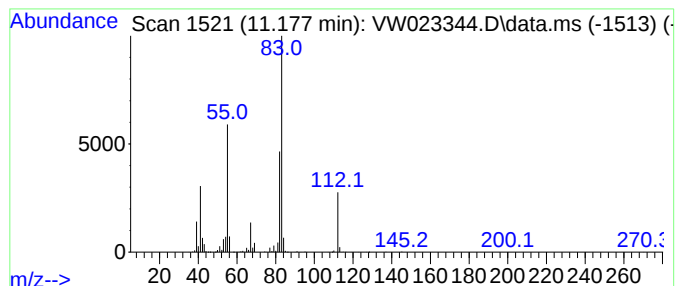
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic11.177 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	10.78 ug/L	537697	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

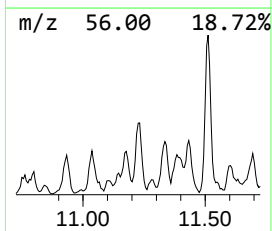
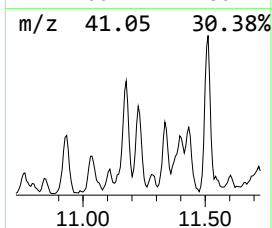
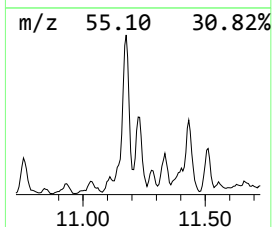
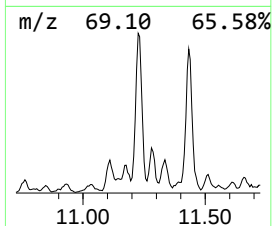
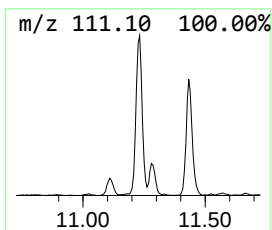
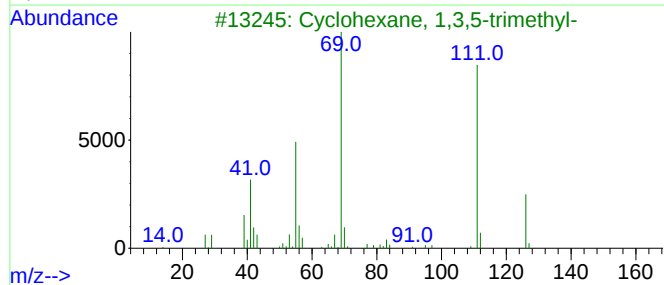
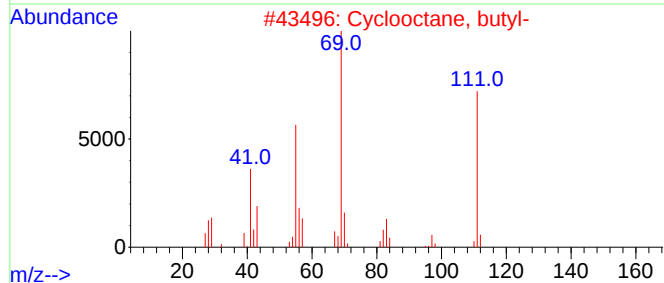
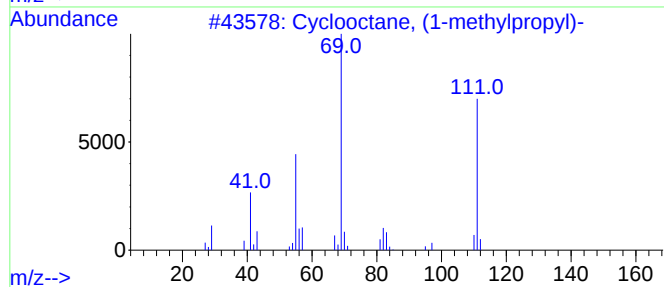
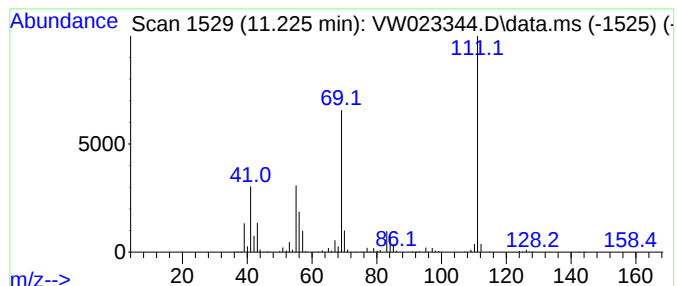
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic11.225 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	8.31 ug/L	414291	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
2			Cyclooctane, butyl-	168	C12H24	016538-93-5	64
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

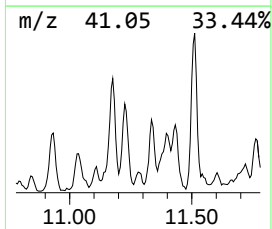
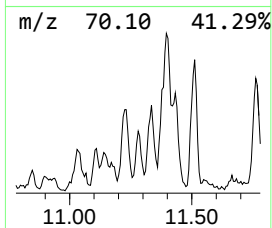
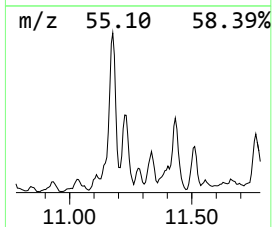
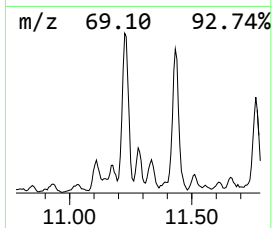
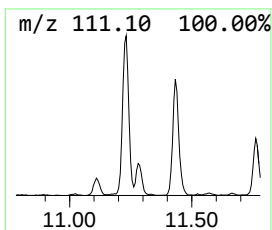
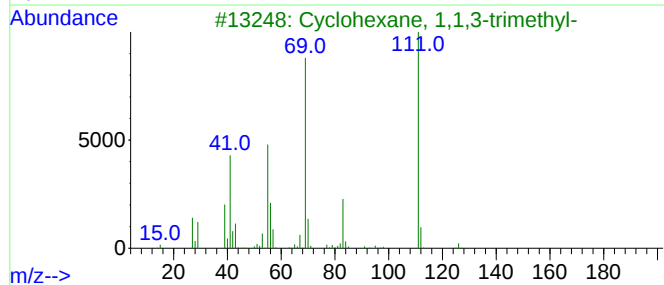
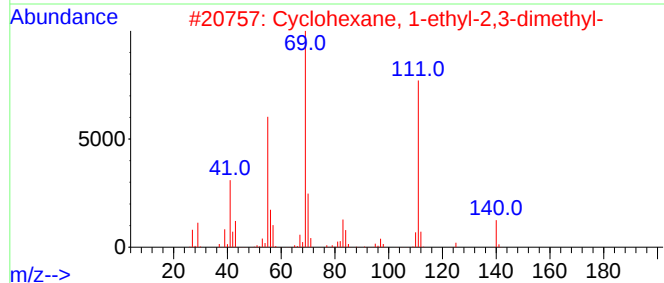
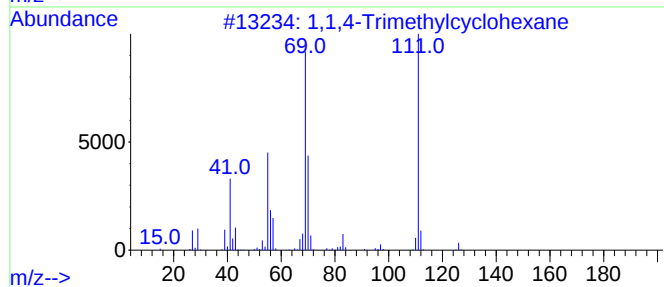
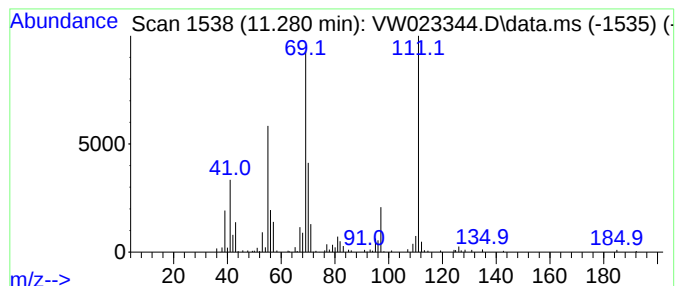
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.280 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	1.38 ug/L	68801	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
2			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	64
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	59
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

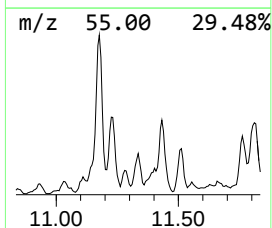
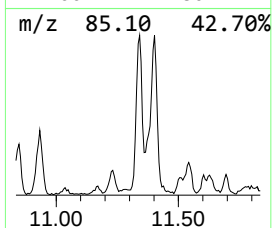
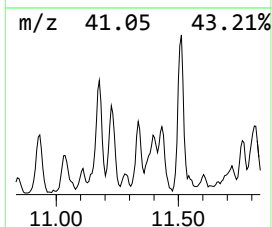
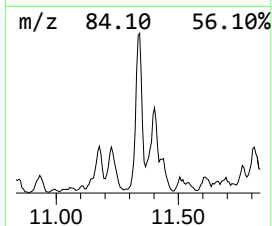
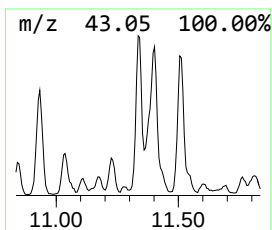
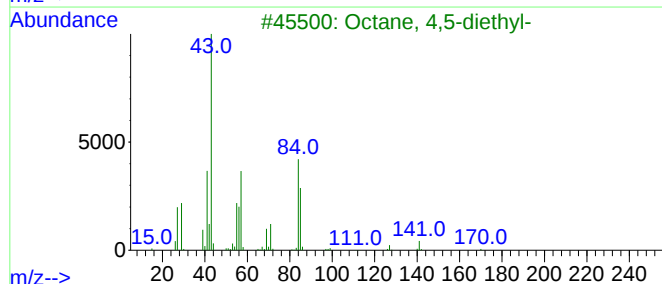
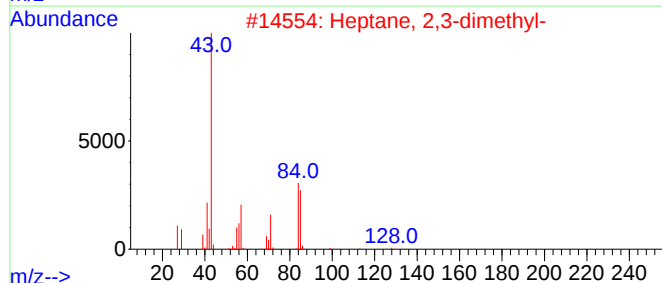
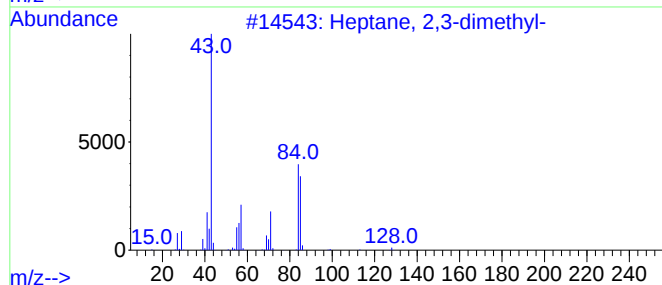
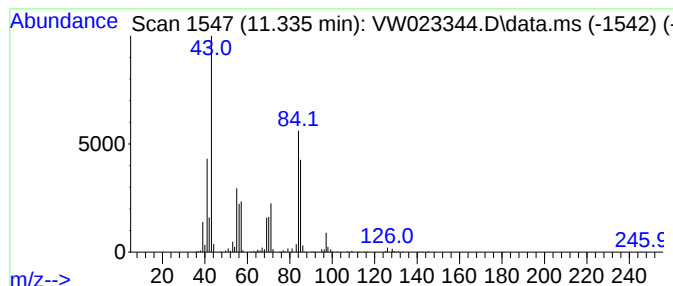
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	5.55 ug/L	276912	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3			Octane, 4,5-diethyl-	170	C12H26	001636-41-5	64
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

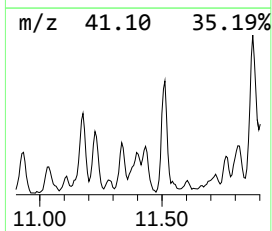
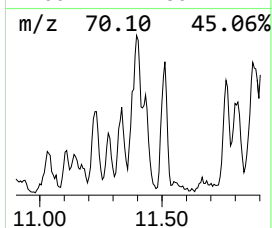
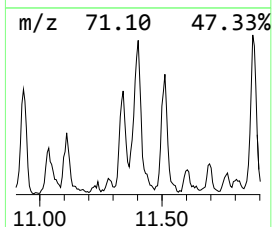
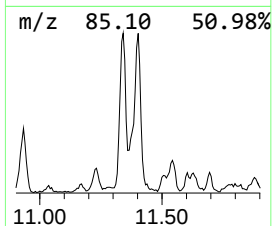
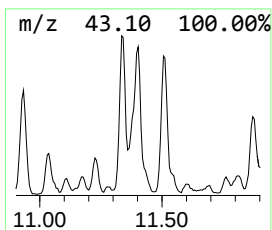
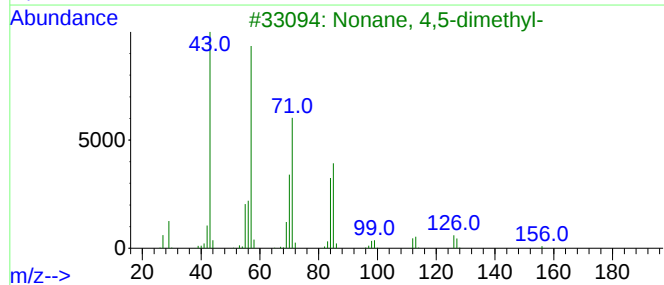
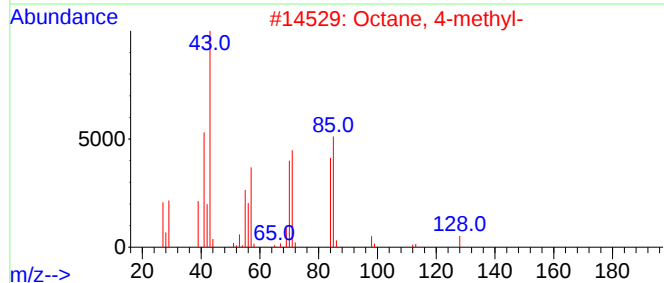
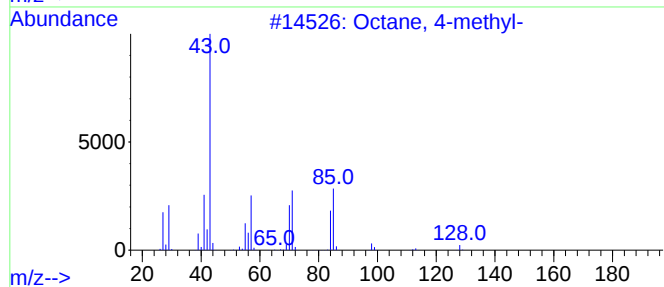
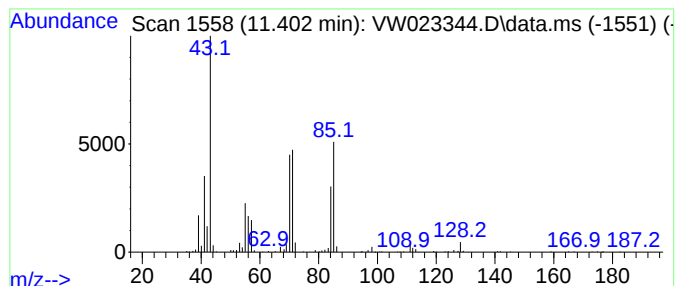
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.402	5.62 ug/L	280394	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	72
2	Octane, 4-methyl-			128	C9H20	002216-34-4	64
3	Nonane, 4,5-dimethyl-			156	C11H24	017302-23-7	64
4	Dodecane, 5-methyl-			184	C13H28	017453-93-9	53
5	Octane, 4-methyl-			128	C9H20	002216-34-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

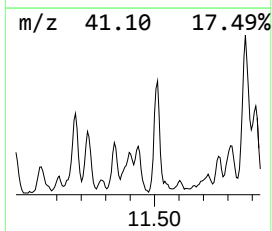
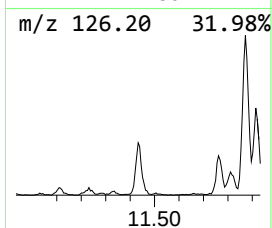
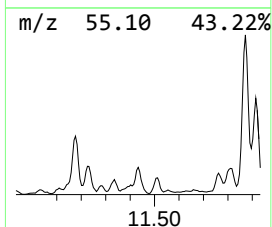
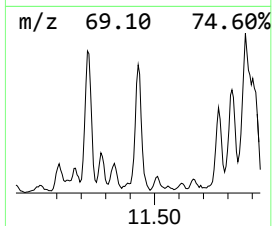
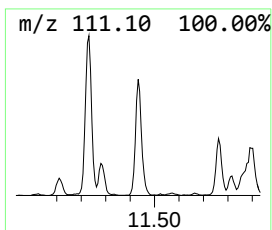
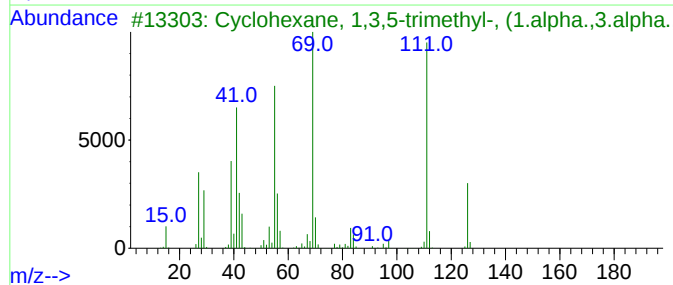
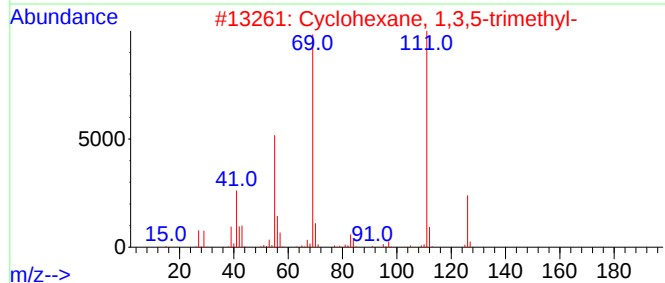
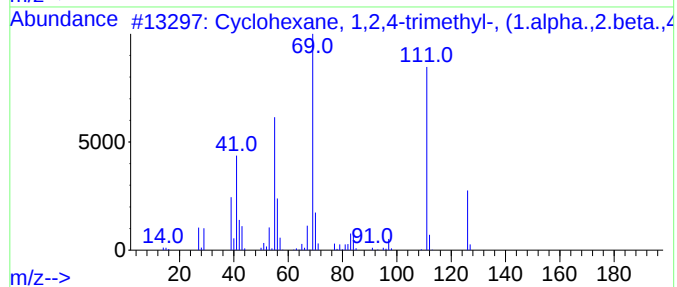
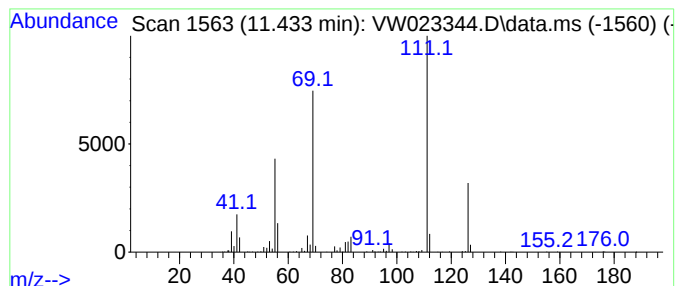
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.433 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	6.98 ug/L	348241	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

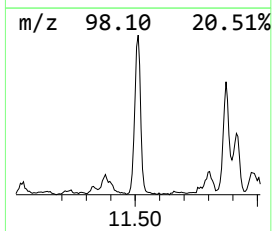
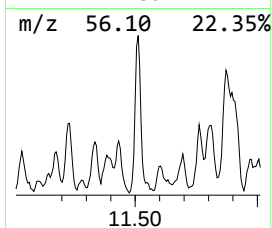
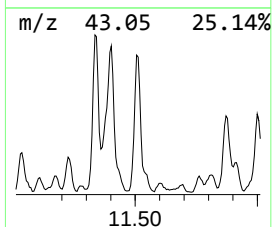
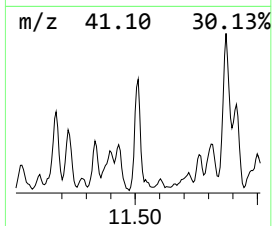
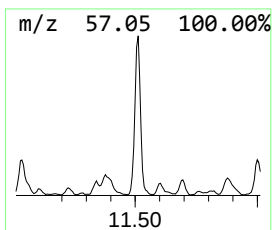
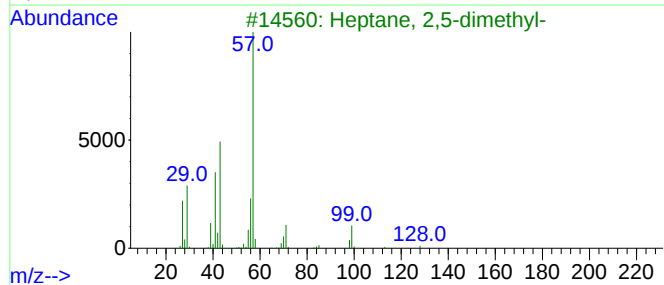
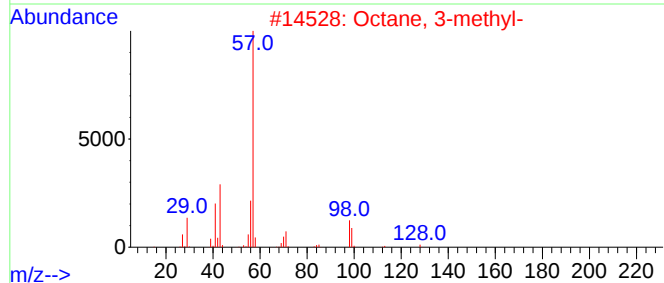
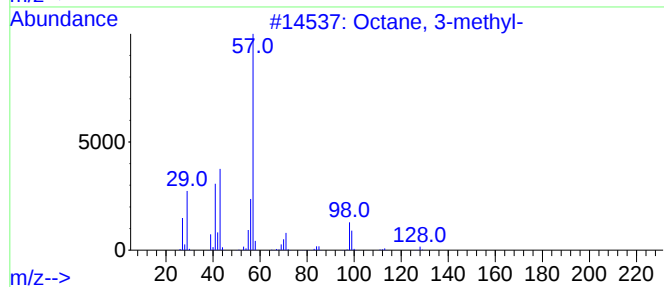
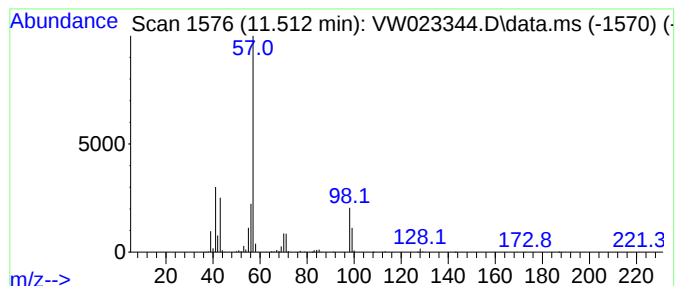
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.512	11.66 ug/L	581803	Chlorobenzene-d5			11.628
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	83
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

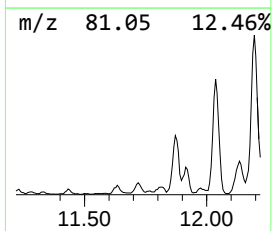
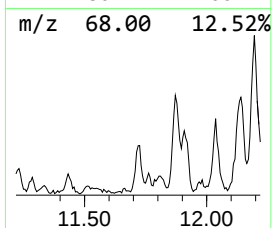
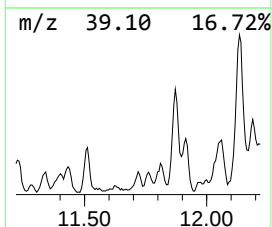
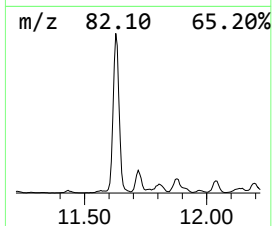
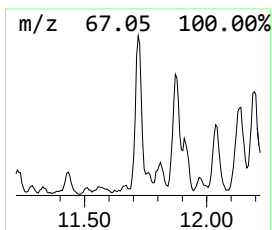
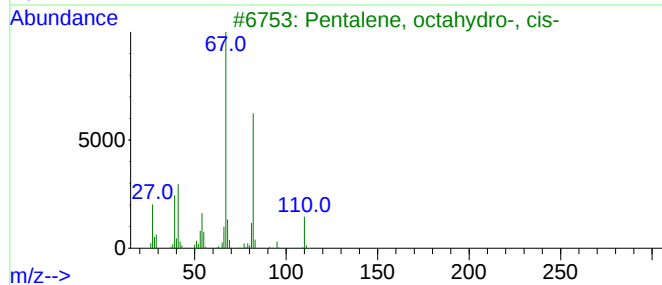
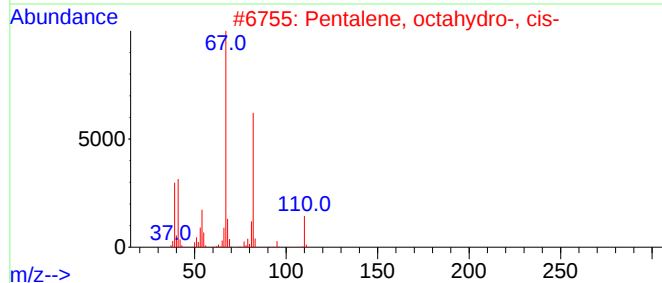
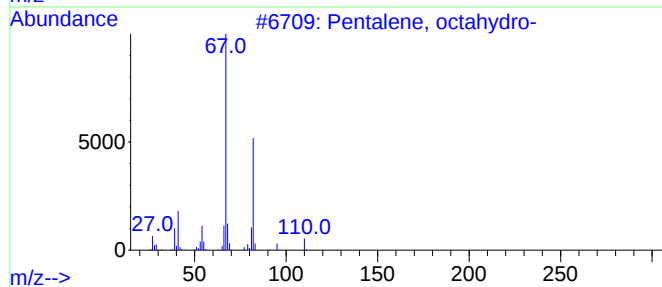
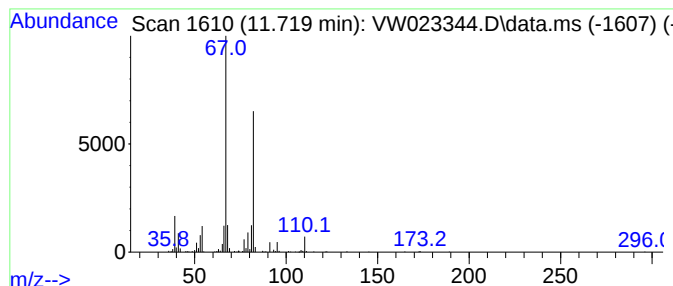
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Quant Title : SFAM01.0

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

Peak Number 16 Pentalene, octahydro- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.719	1.33 ug/L	66348	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	91
2			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
3			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	87
4			4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	64
5			3-Hexen-1-ol, formate, (Z)-	128	C7H12O2	033467-73-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

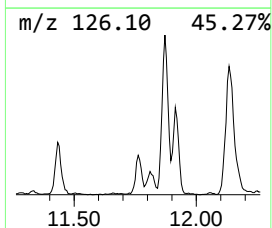
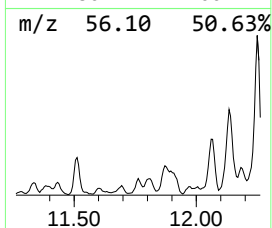
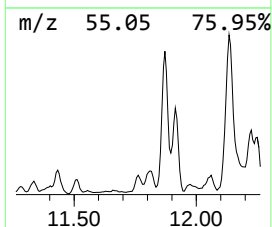
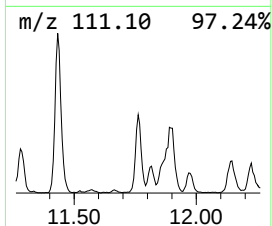
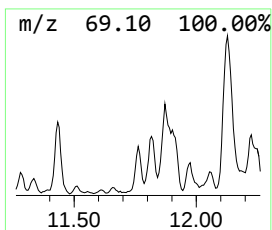
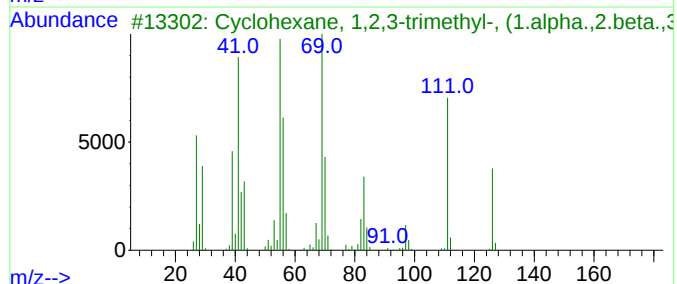
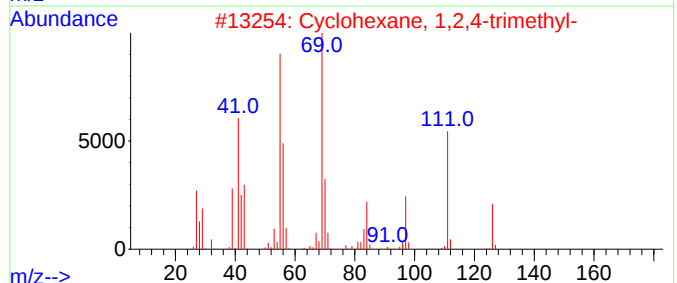
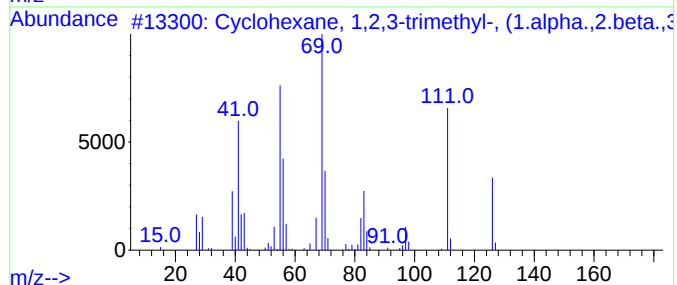
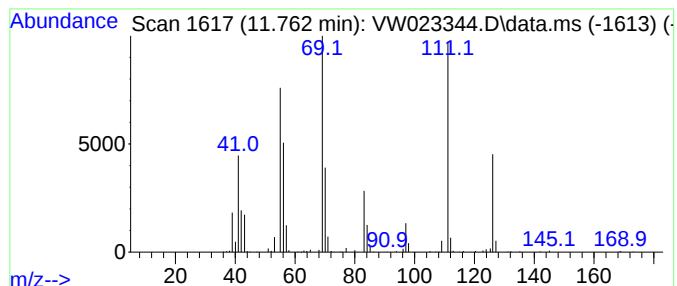
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.762 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.762	3.51 ug/L	175079	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	96
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	87
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	80
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

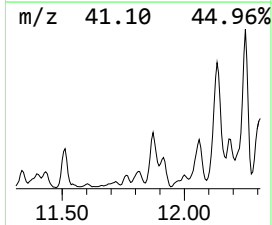
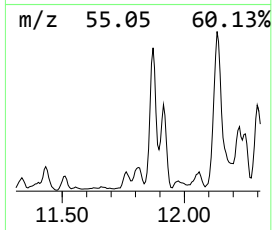
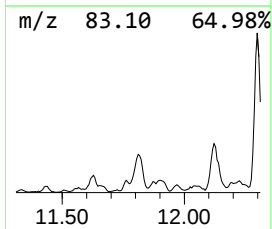
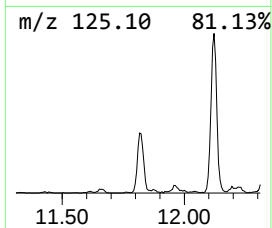
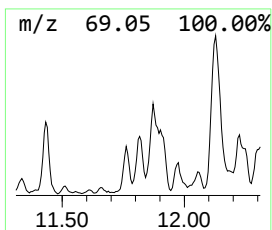
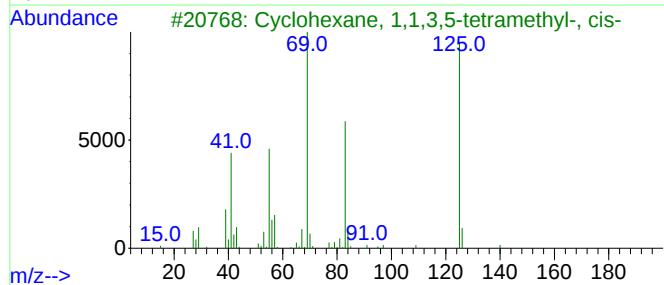
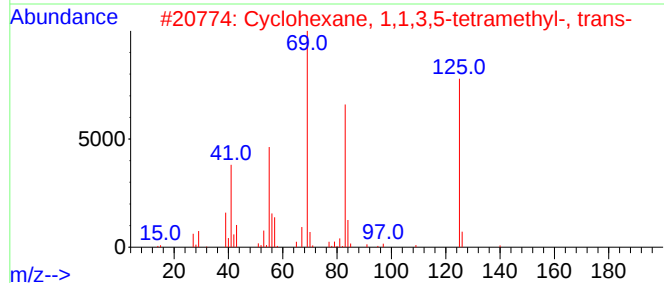
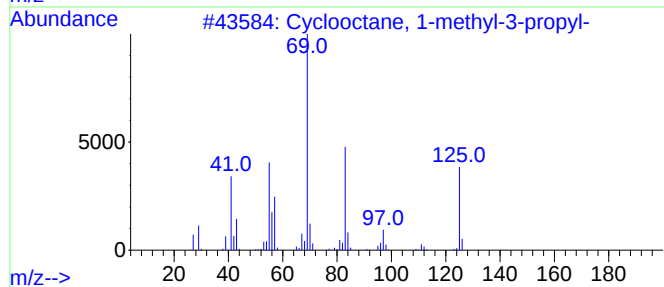
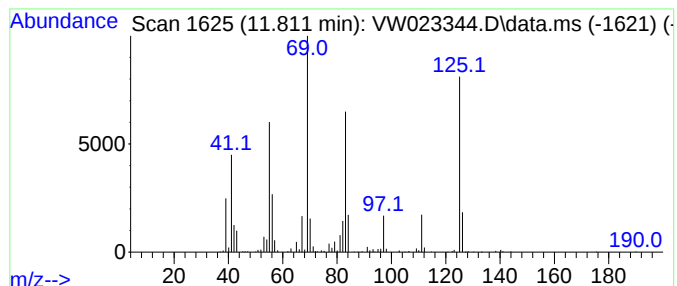
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.811 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.811	5.02 ug/L	250369	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	83
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	74
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	64
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
5			1-Acetyl-3-piperidinamine, N-ace...	184	C9H16N2O2	389623-44-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

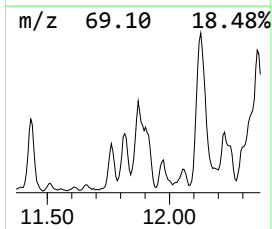
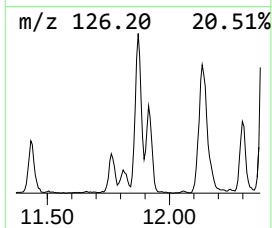
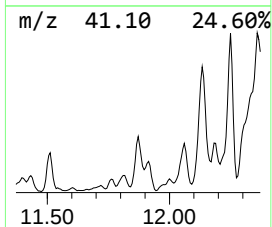
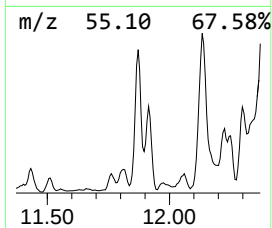
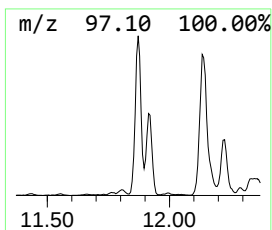
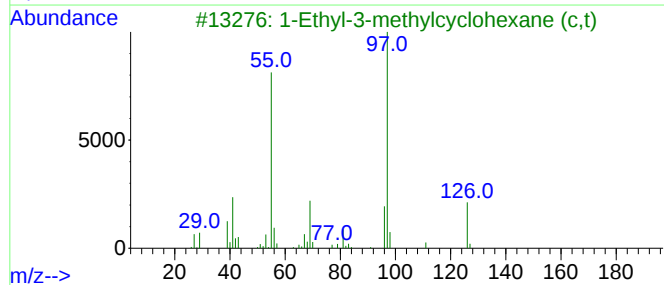
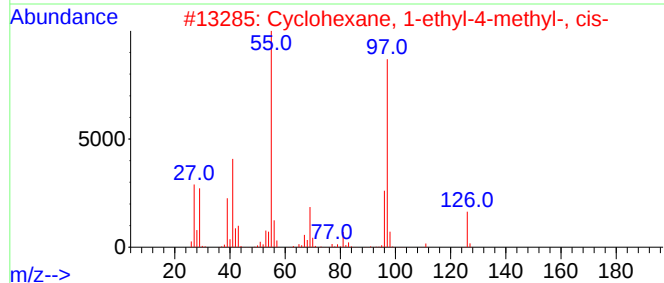
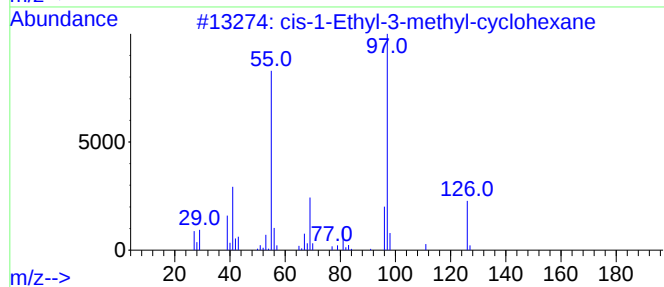
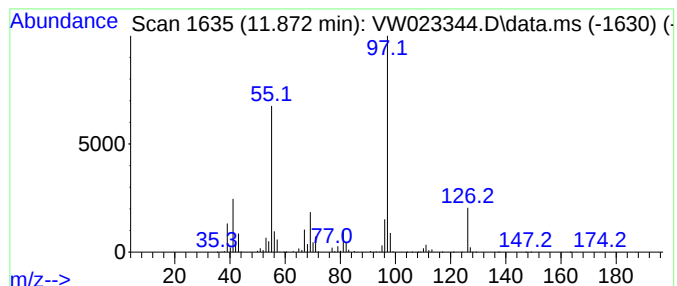
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.872 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.872	26.86 ug/L	1339920	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	95
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

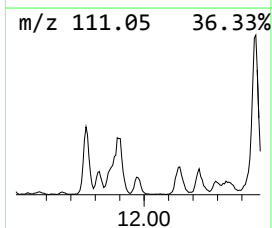
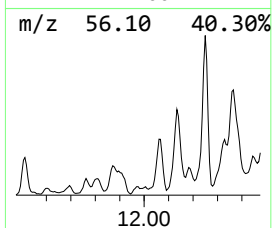
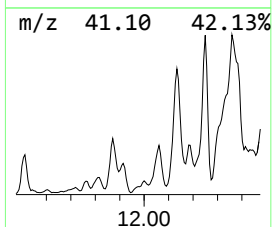
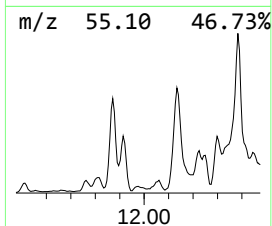
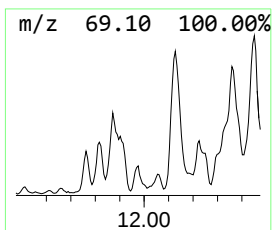
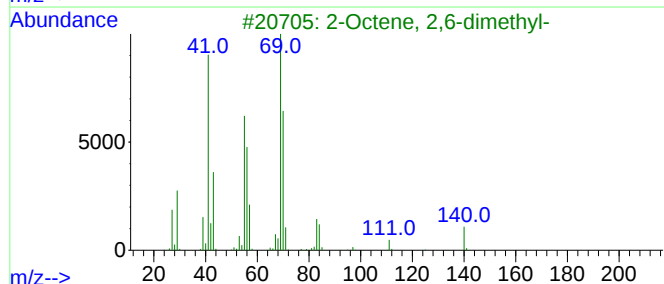
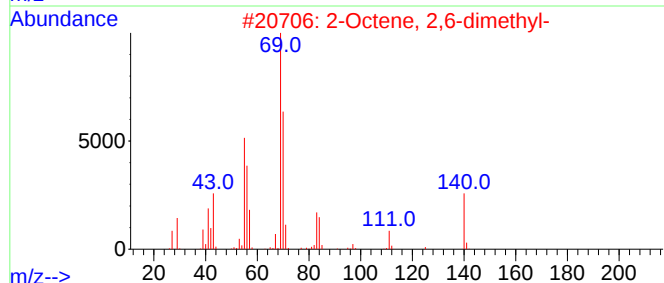
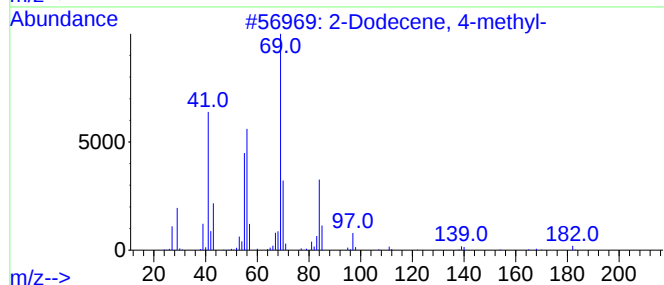
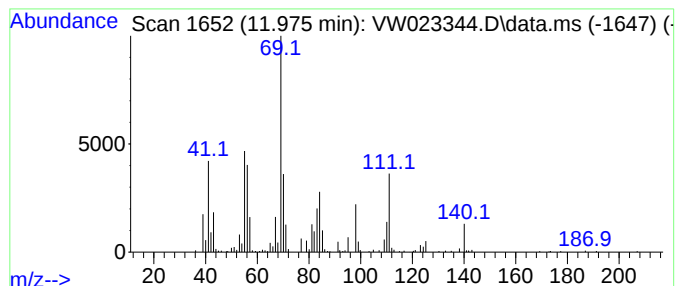
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.52 ug/L	125638	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, 4-methyl-			182	C13H26	056851-45-7	53
2	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	52
3	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	49
4	3-Hexene, 3-methyl-, (E)-			98	C7H14	003899-36-3	43
5	2-Hexene, 4-methyl-, (E)-			98	C7H14	003683-22-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

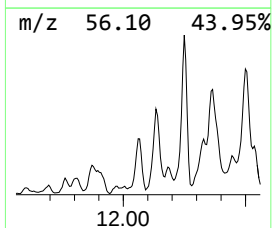
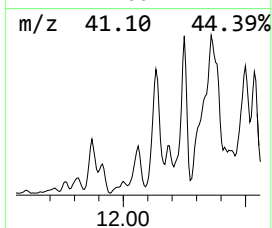
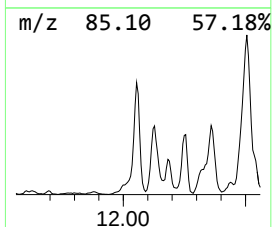
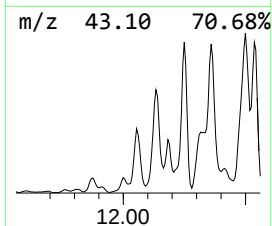
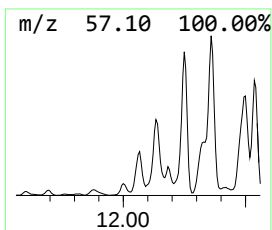
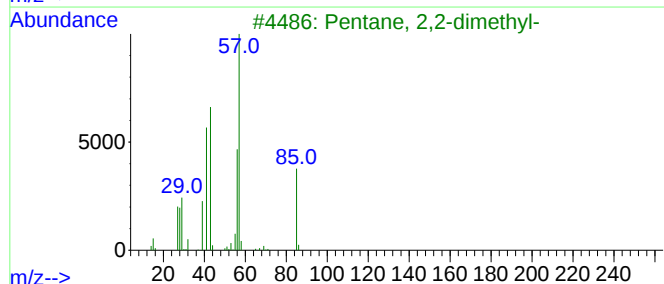
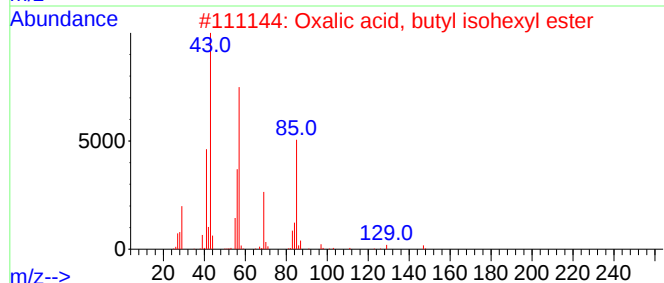
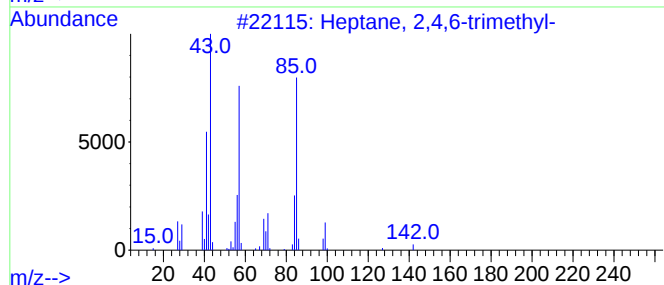
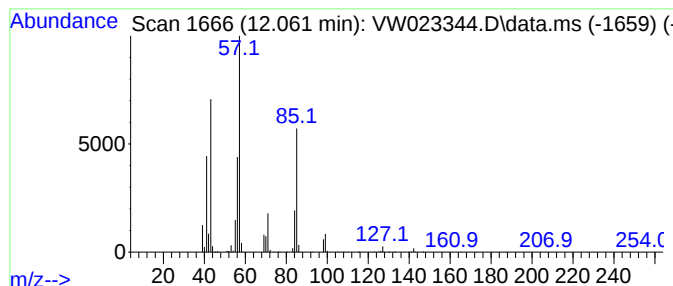
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	17.72 ug/L	883844	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	70
2			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

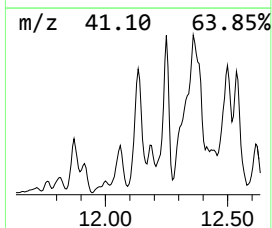
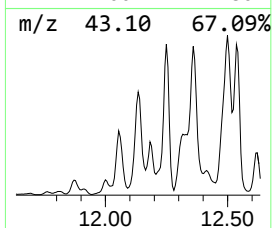
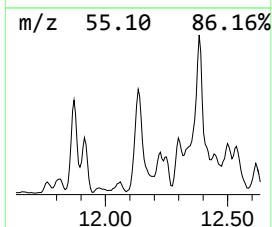
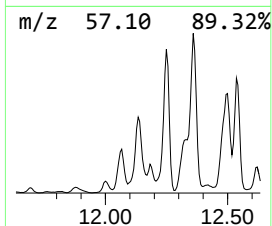
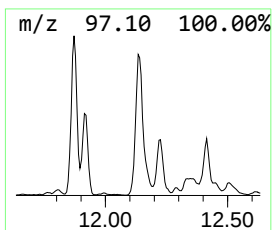
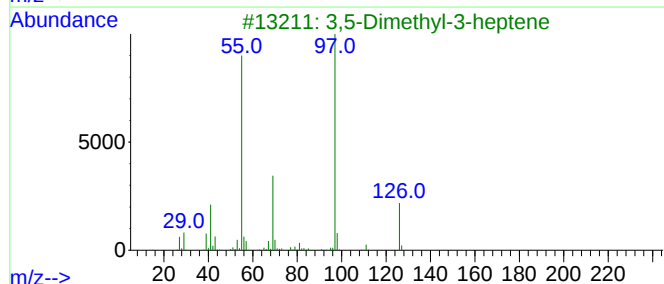
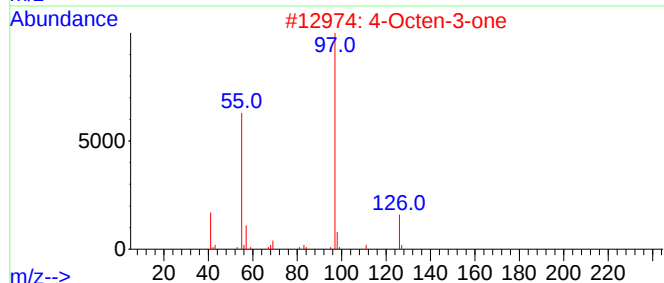
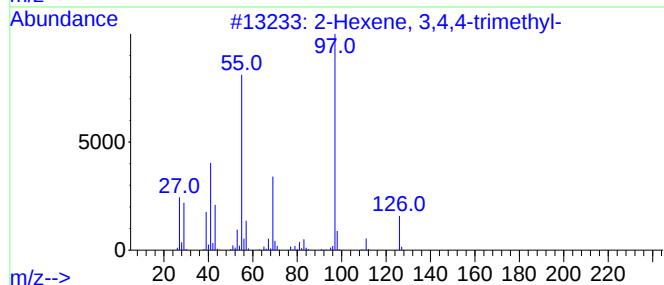
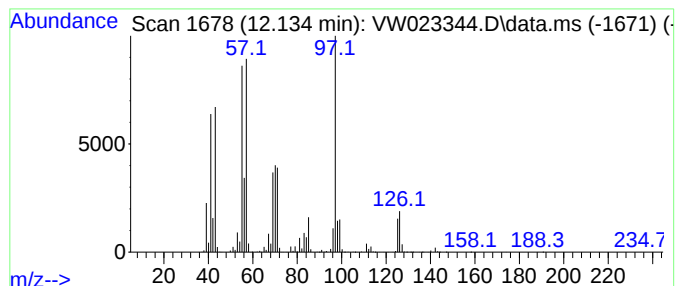
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	62.47 ug/L	3115980	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-			126	C9H18	053941-19-8	38
2	4-Octen-3-one			126	C8H14O	014129-48-7	38
3	3,5-Dimethyl-3-heptene			126	C9H18	059643-68-4	38
4	1-Ethyl-4-methylcyclohexane			126	C9H18	003728-56-1	38
5	1-Ethyl-3-methylcyclohexane (c,t)			126	C9H18	003728-55-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

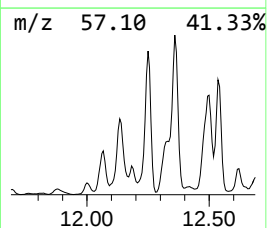
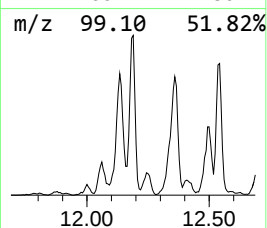
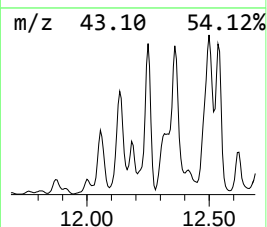
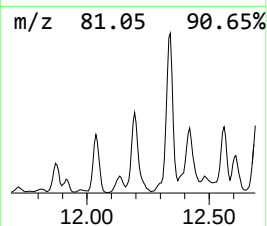
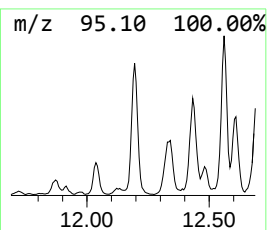
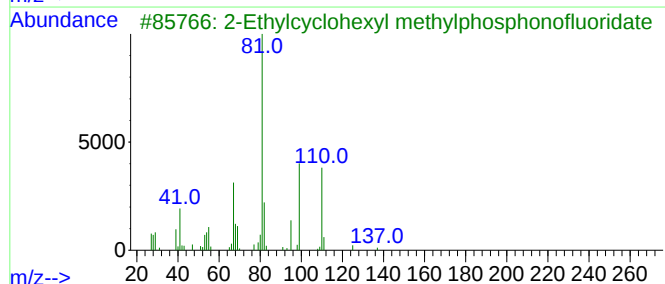
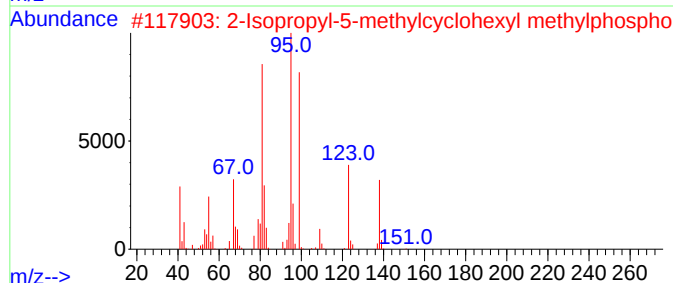
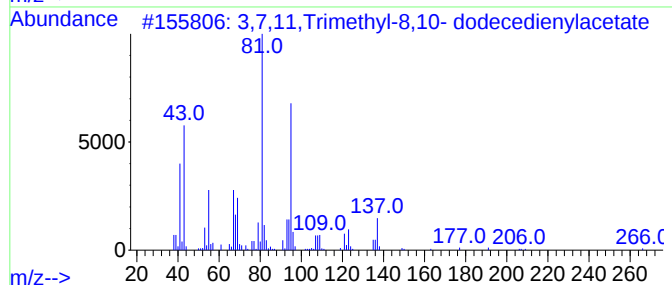
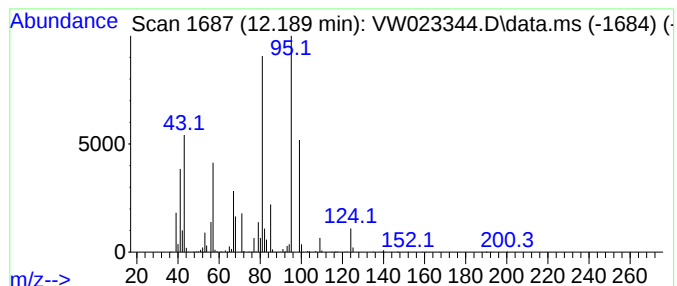
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.189	5.99 ug/L	298582	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11,Trimethyl-8,10-	dodecedie...	266	C17H30O2	1000374-10-3	40	
2	2-Isopropyl-5-methylcyclohexyl m...		236	C11H22FO2P	1010383-44-7	40	
3	2-Ethylcyclohexyl methylphosphon...		208	C9H18FO2P	1000273-28-7	37	
4	Cyclohexene,3-propyl-		124	C9H16	003983-06-0	35	
5	3-Methylcyclohexyl methylphospho...		194	C8H16FO2P	113548-86-0	32	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

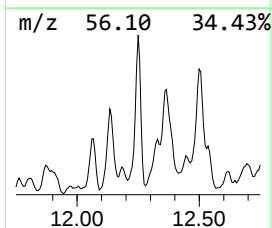
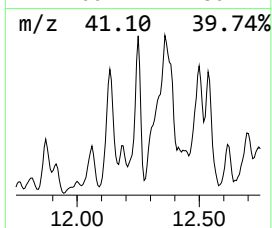
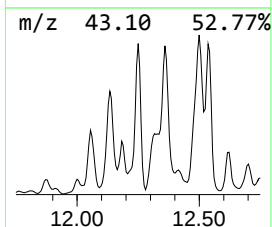
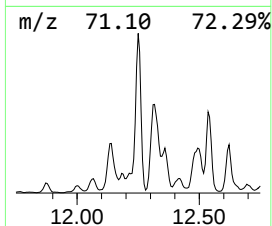
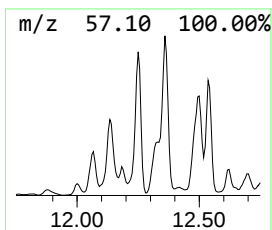
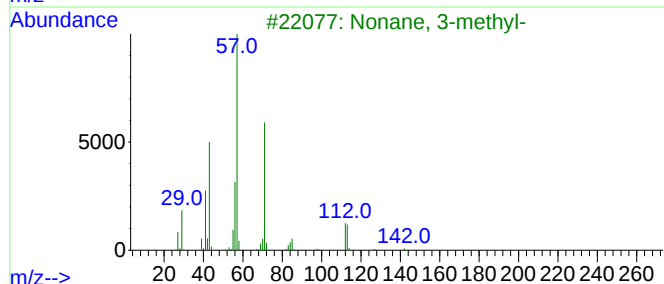
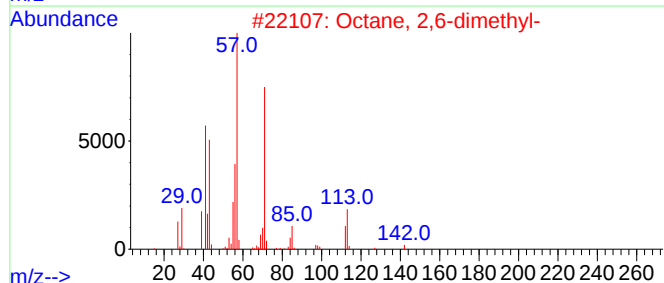
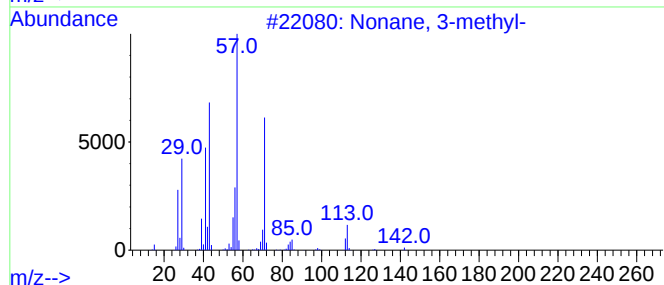
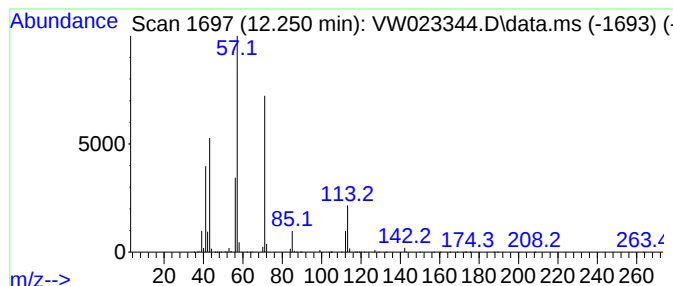
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	42.25 ug/L	2107400	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

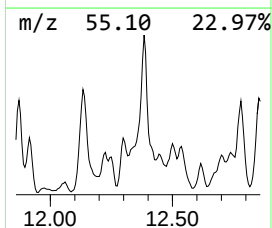
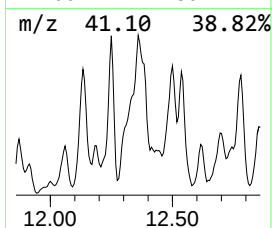
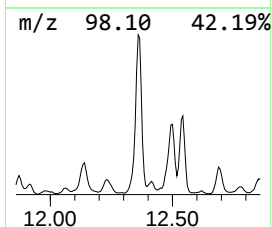
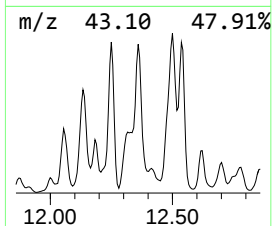
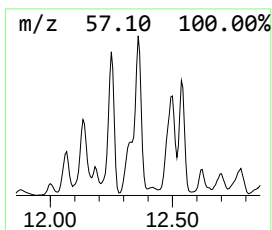
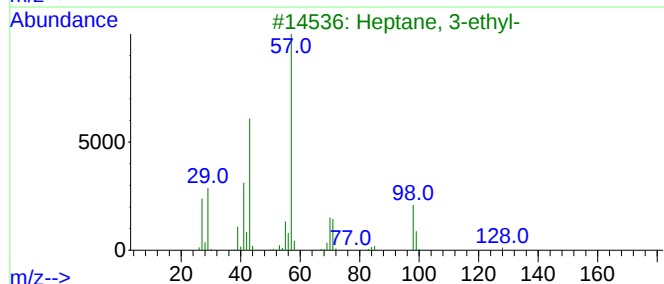
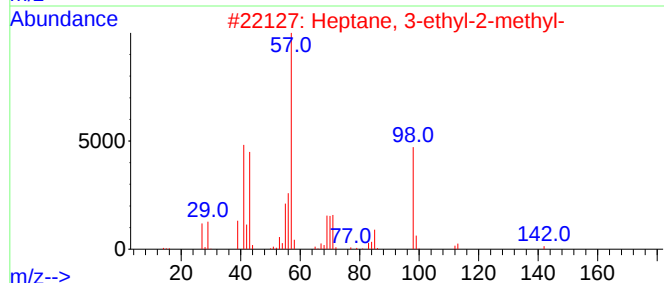
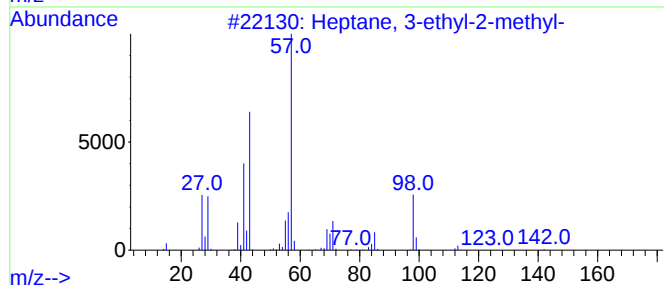
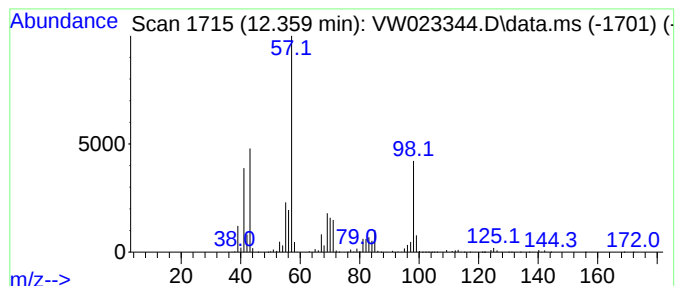
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	112.58 ug/L	5615210	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
5		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

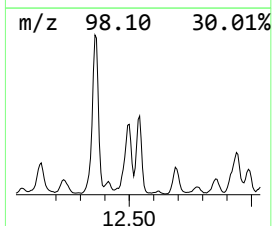
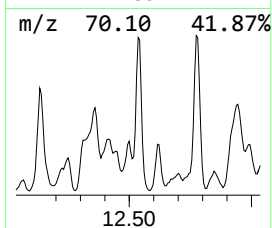
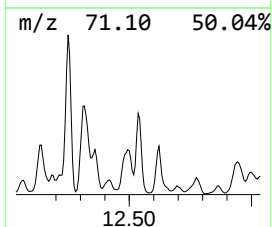
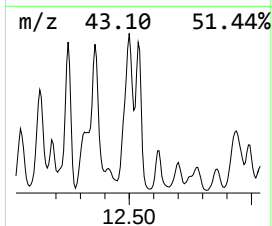
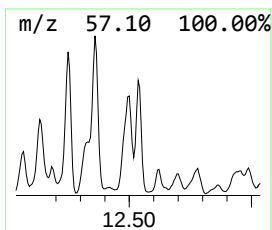
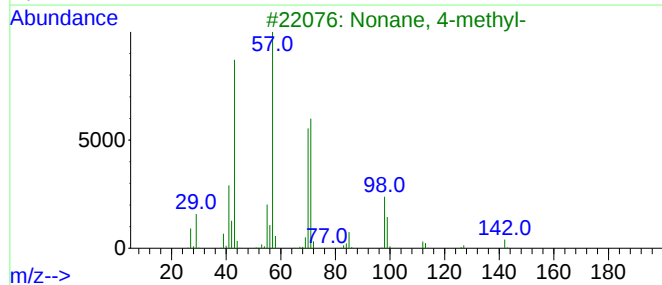
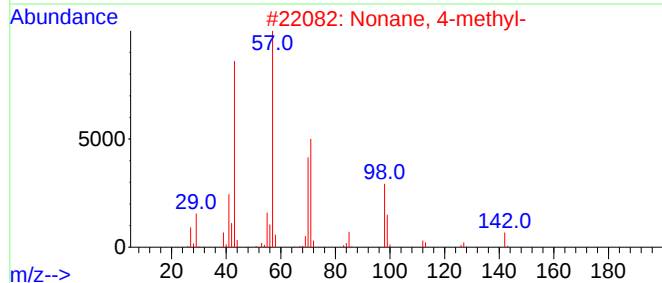
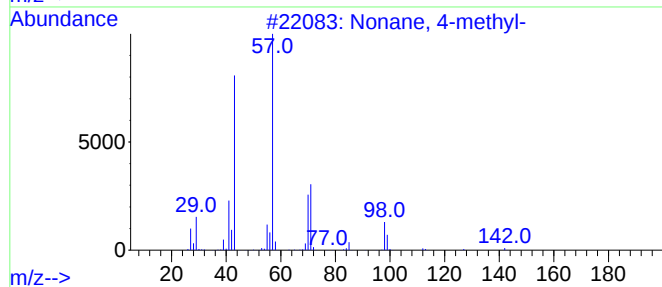
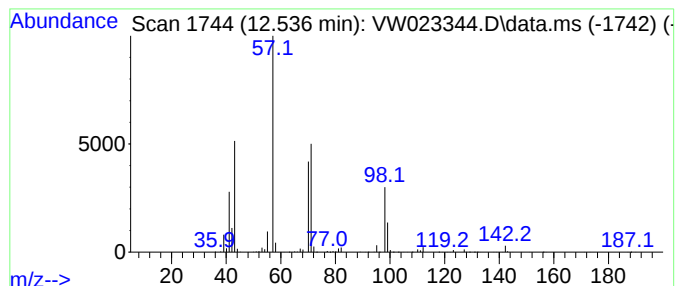
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	40.31 ug/L	2010580	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	83
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	80
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

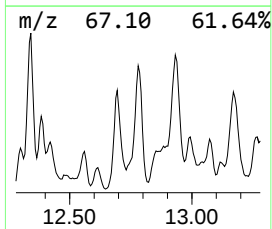
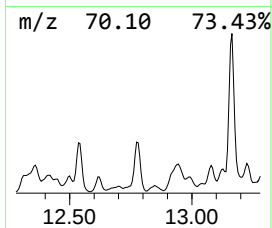
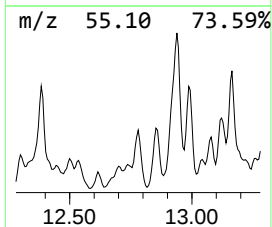
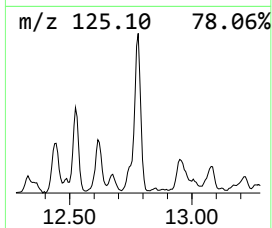
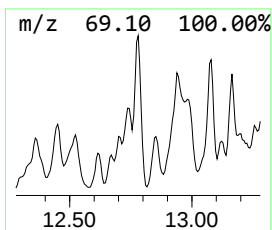
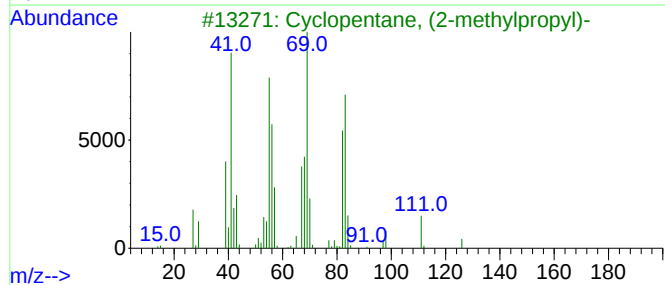
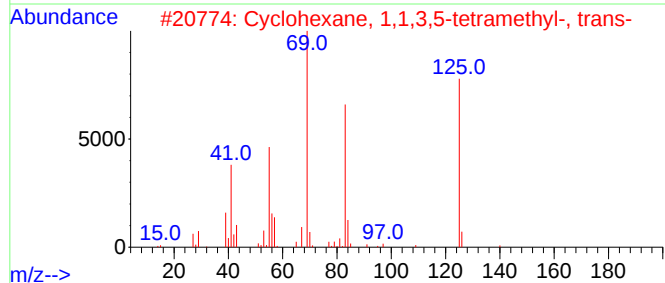
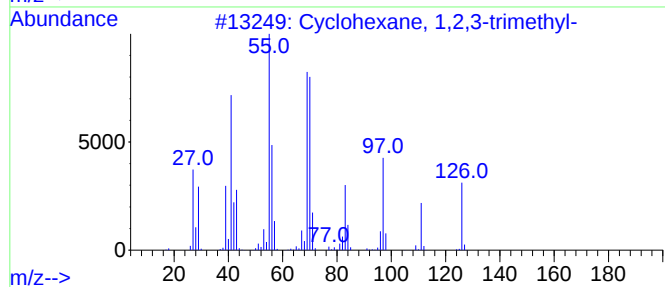
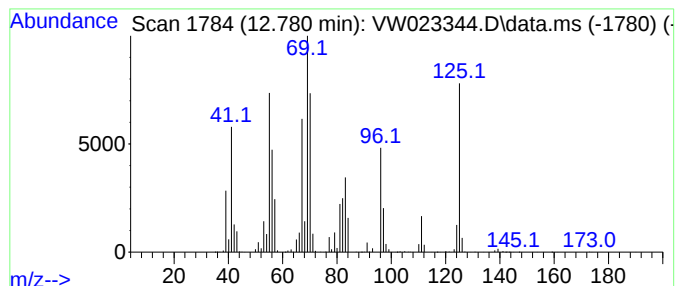
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Cyclic12.780 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	23.79 ug/L	2968800	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27
5			Cyclopentane, ethyl-	98	C7H14	001640-89-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

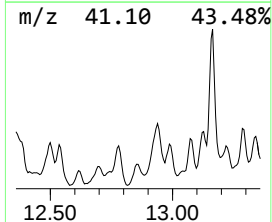
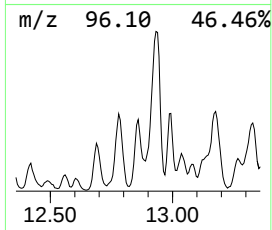
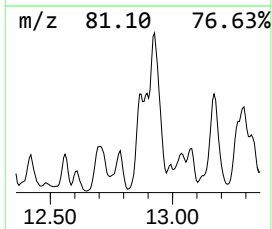
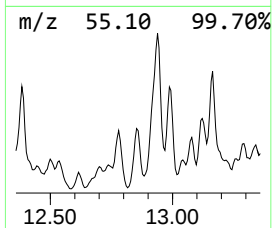
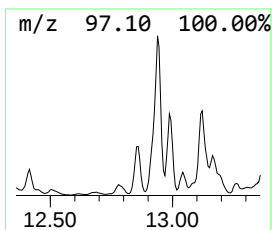
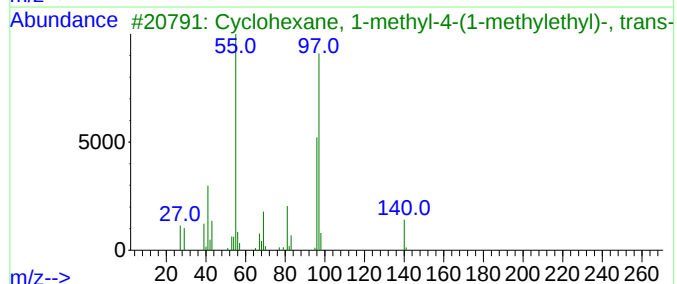
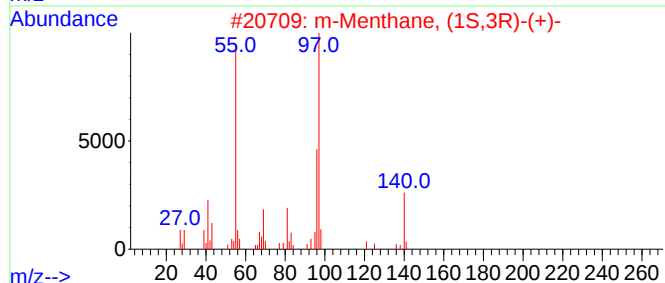
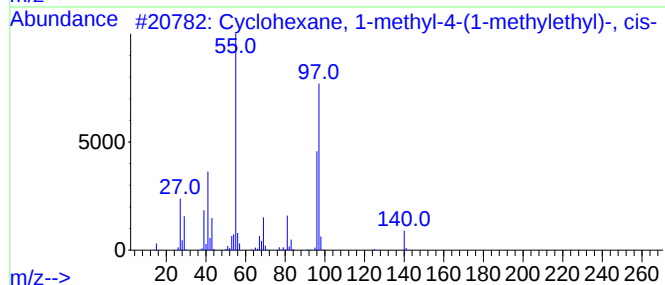
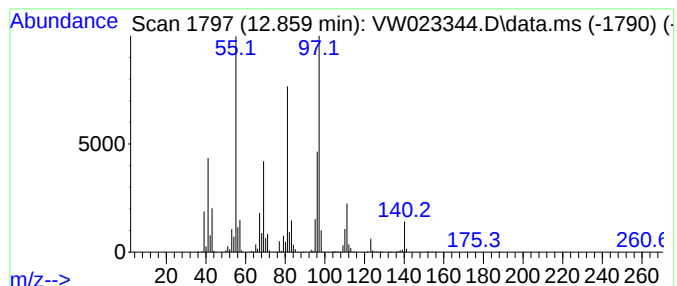
Instrument :
MSVOA_W
ClientSampleId :
GBGR9

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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic12.859 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.859	19.52 ug/L	2436060	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	49
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

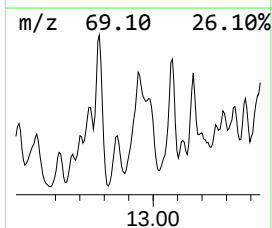
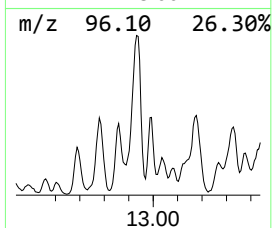
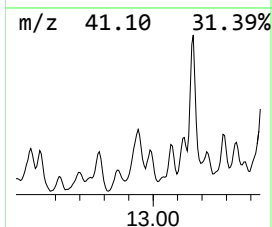
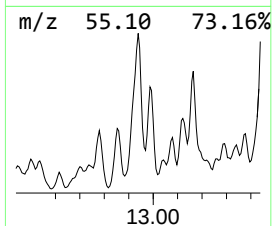
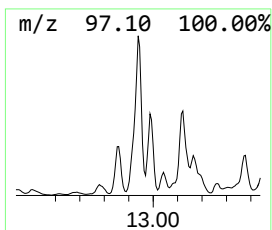
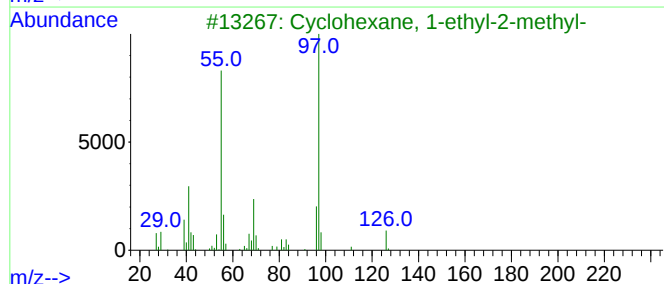
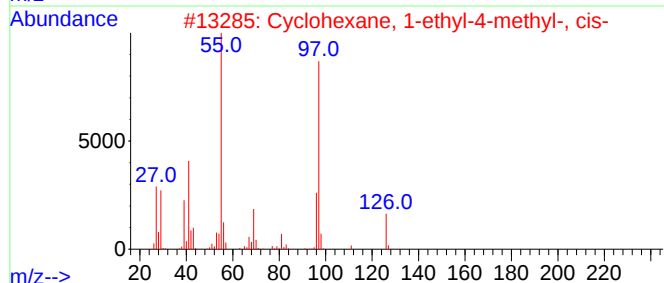
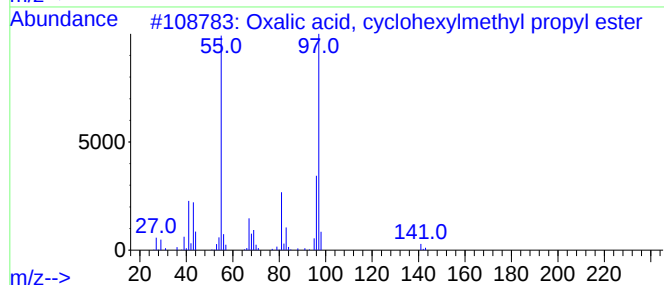
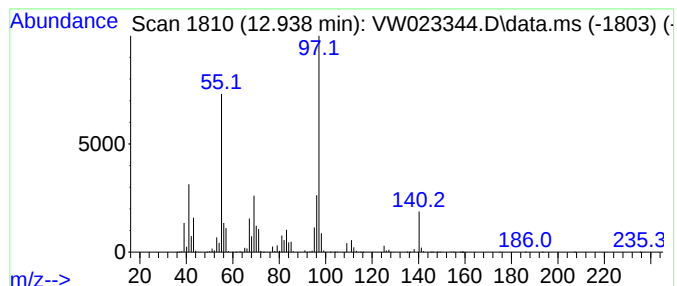
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Quant Title : SFAM01.0

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

Peak Number 30 Oxalic acid, cyclohexylmeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	44.76 ug/L	5585290	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

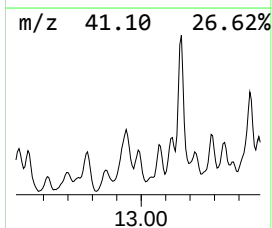
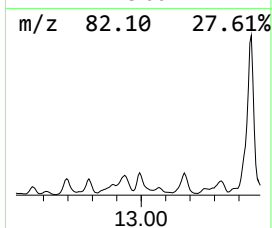
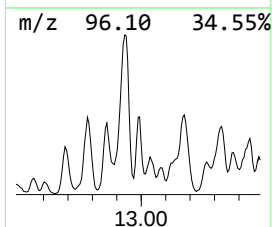
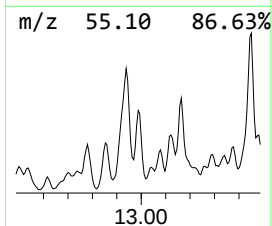
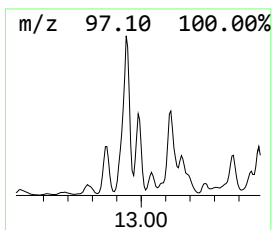
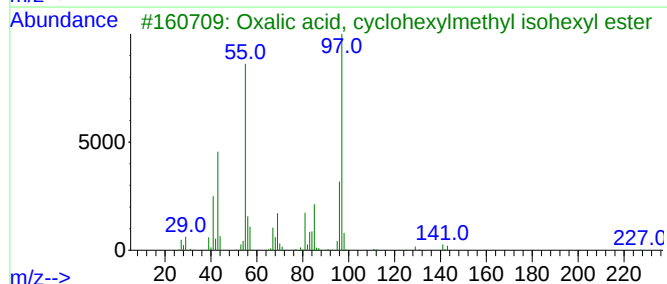
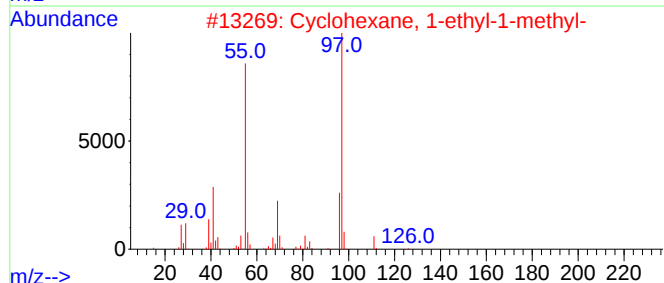
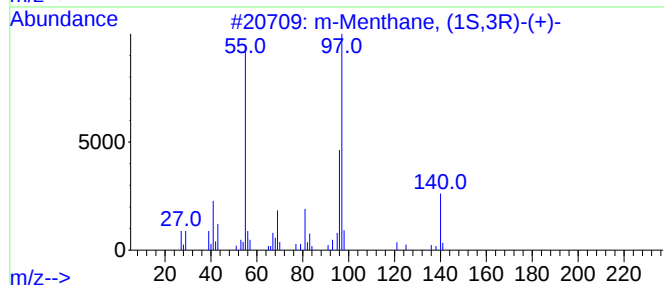
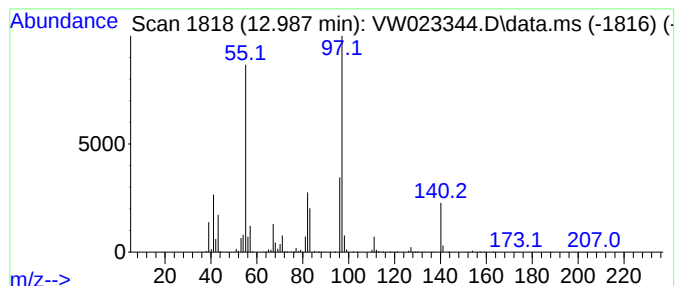
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	13.03 ug/L	1625420	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	58
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
4			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
5			Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

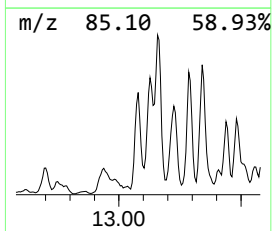
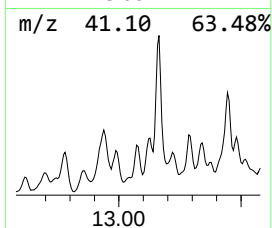
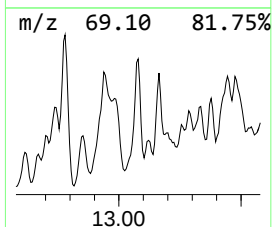
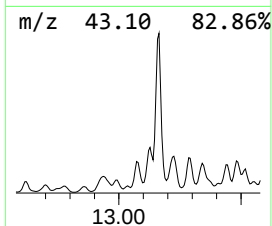
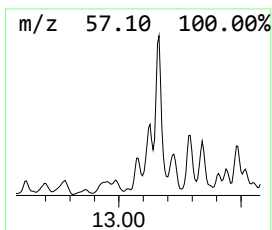
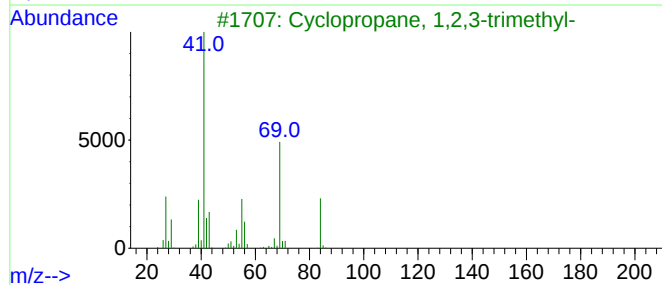
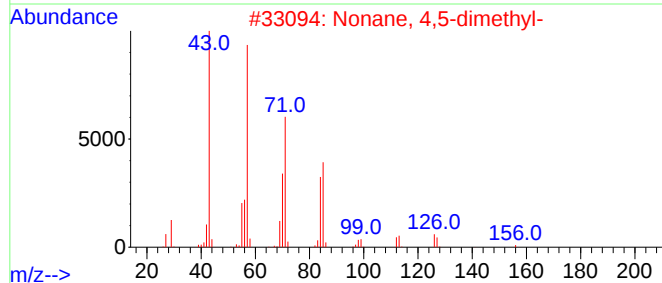
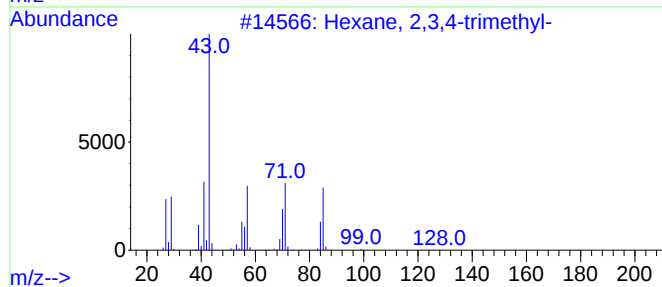
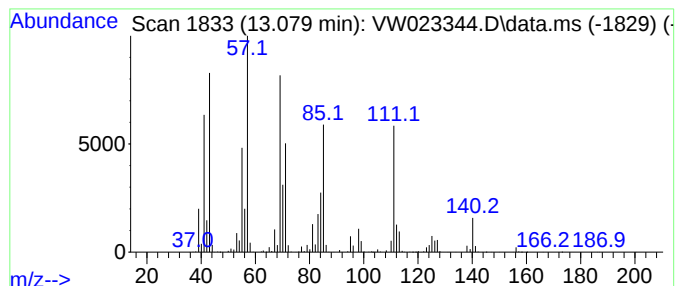
Instrument :
MSVOA_W
ClientSampleId :
GBGR9

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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.079	12.46 ug/L	1554950	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	41
2	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	38
3	Cyclopropane, 1,2,3-trimethyl-		84	C6H12	042984-19-0	30
4	1-Pentene, 2,3-dimethyl-		98	C7H14	003404-72-6	30
5	Oxirane, (1,1-dimethylbutyl)-		128	C8H16O	053907-76-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

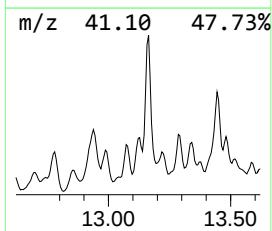
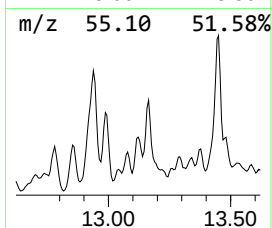
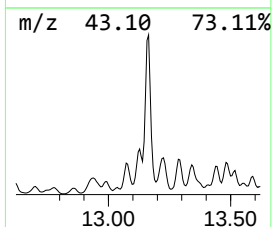
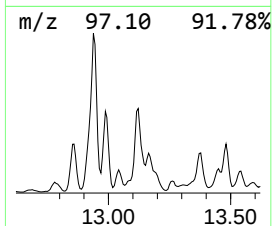
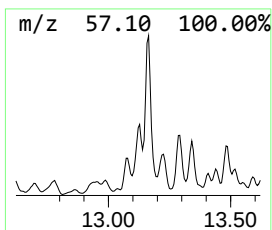
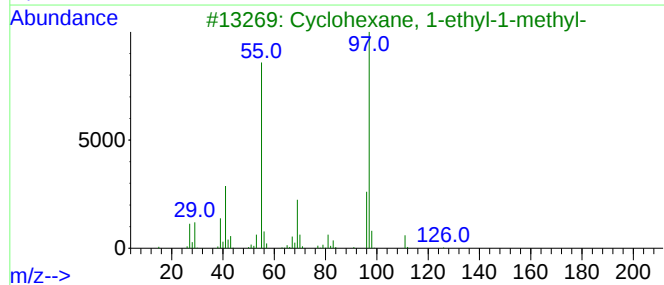
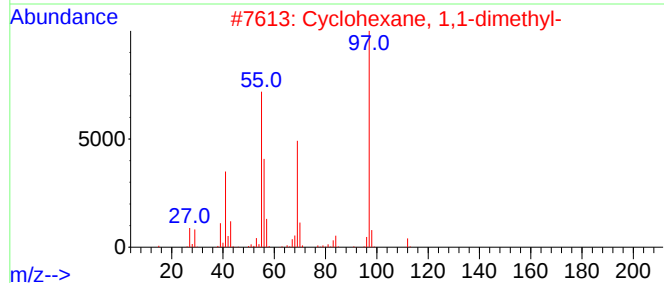
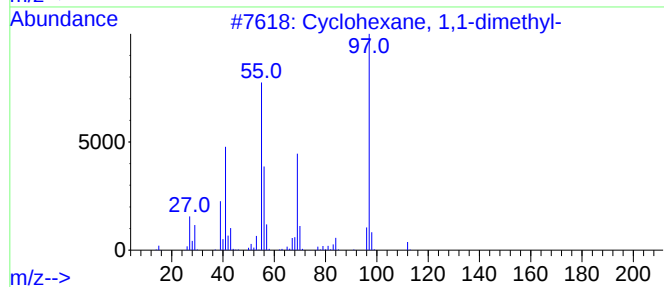
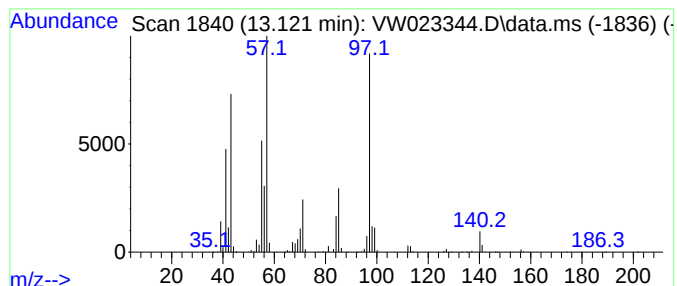
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic13.121 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	15.75 ug/L	1965230	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
4			Decane, 5-methyl-	156	C11H24	013151-35-4	30
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

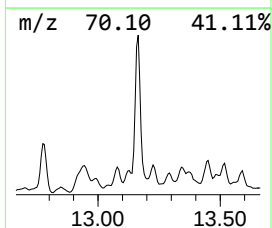
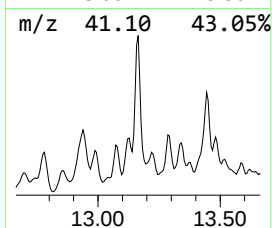
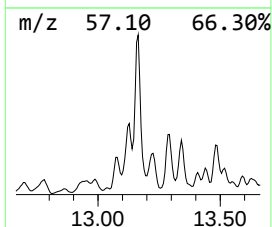
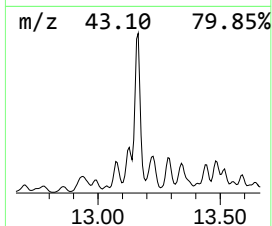
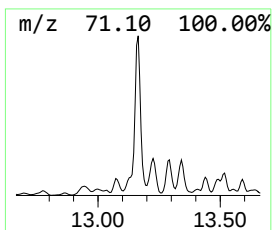
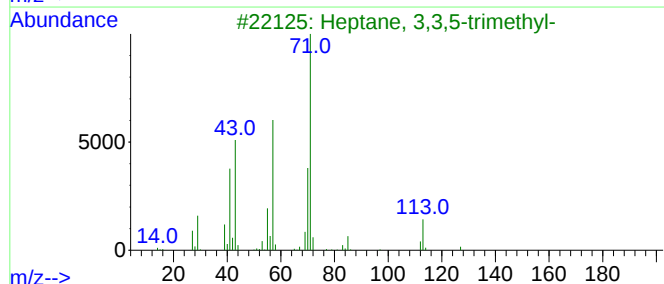
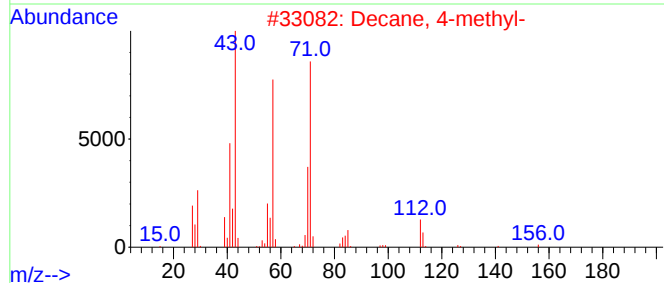
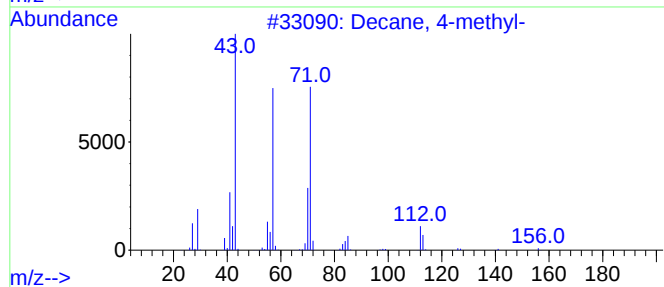
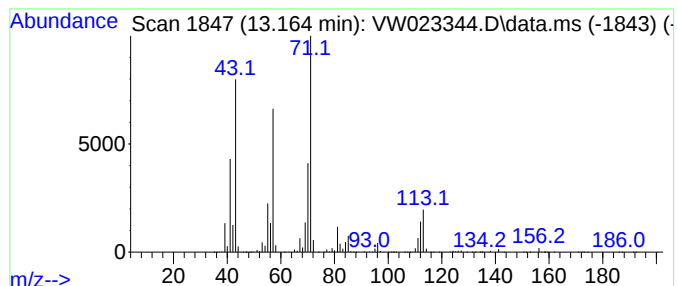
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	47.32 ug/L	5904820	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

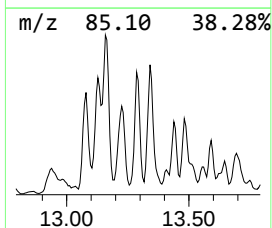
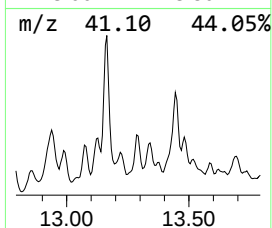
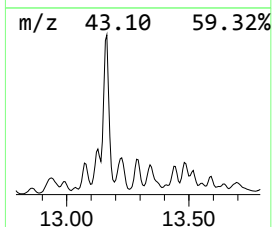
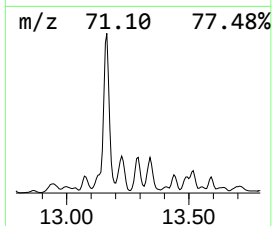
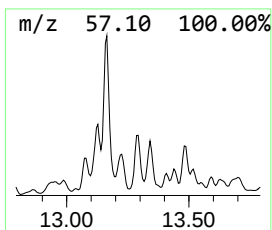
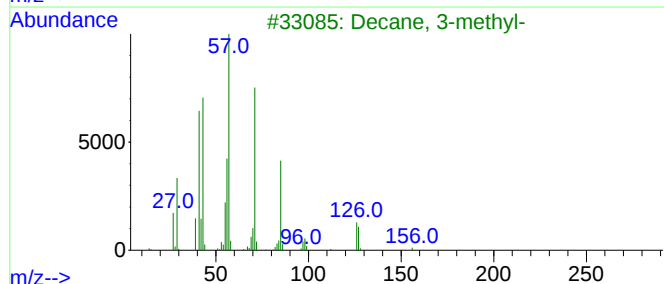
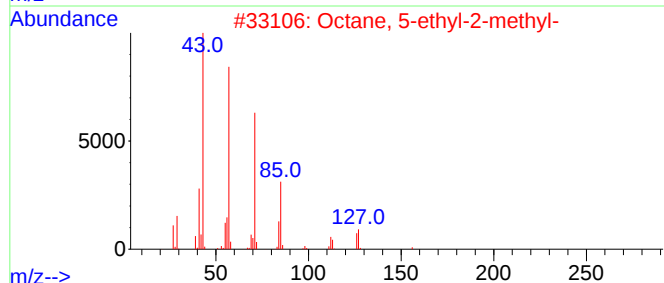
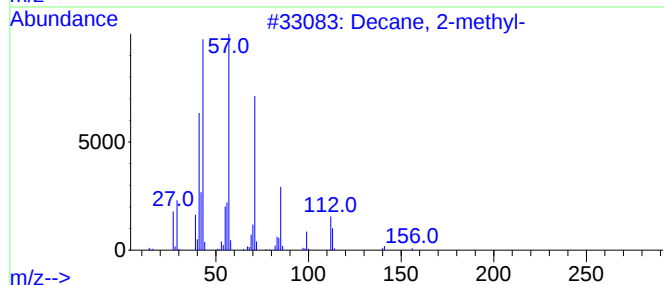
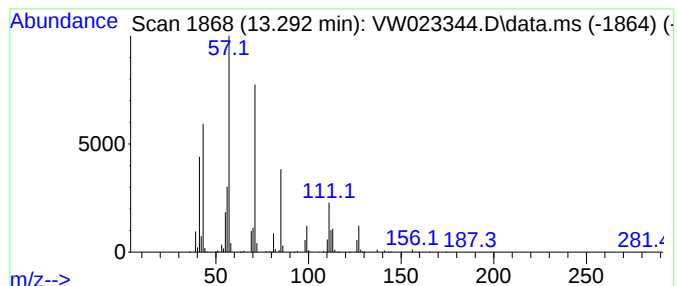
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	10.73 ug/L	1339300	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	74
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
3			Decane, 3-methyl-	156	C11H24	013151-34-3	68
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

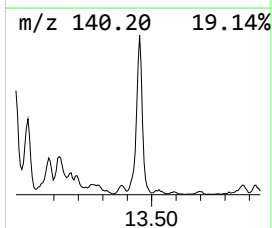
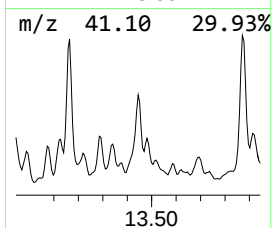
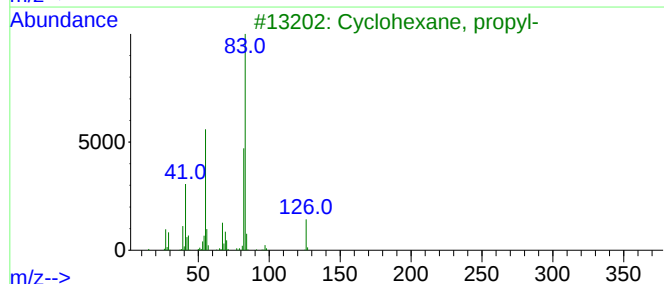
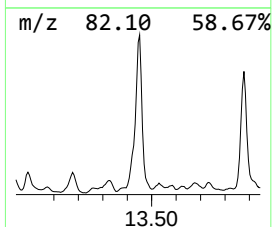
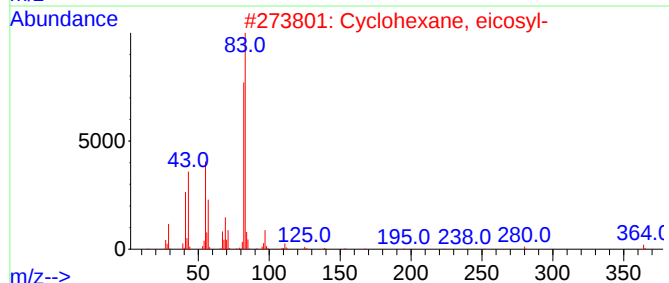
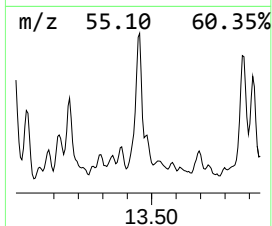
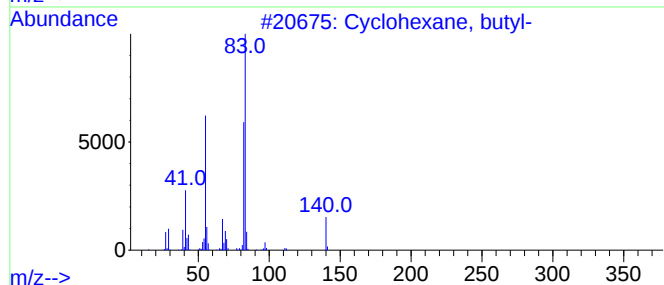
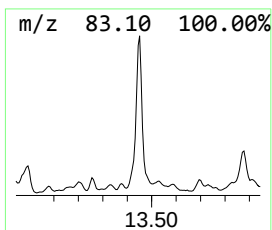
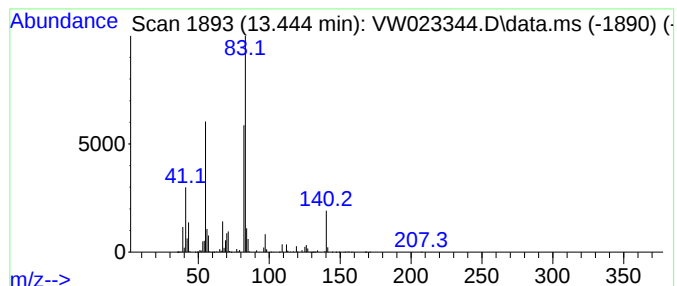
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Cyclic13.445 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	25.00 ug/L	3119370	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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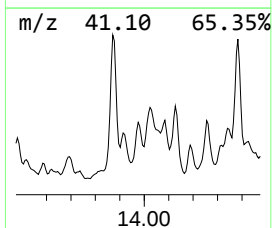
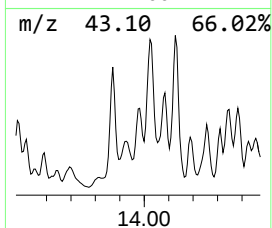
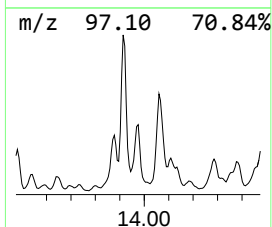
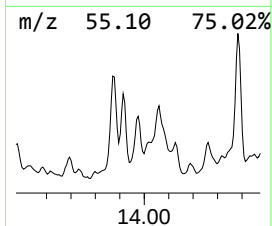
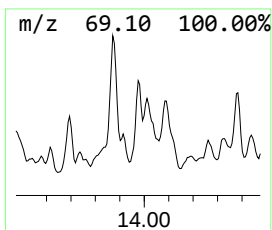
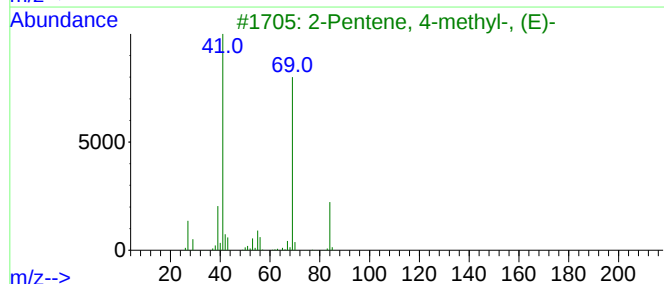
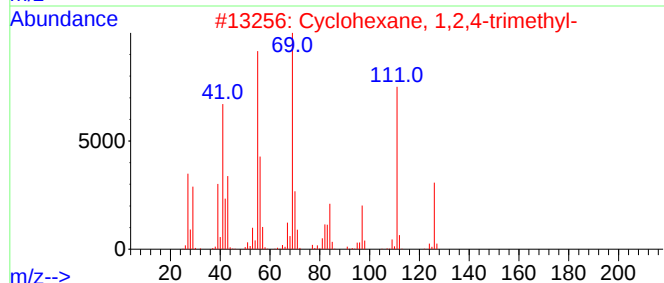
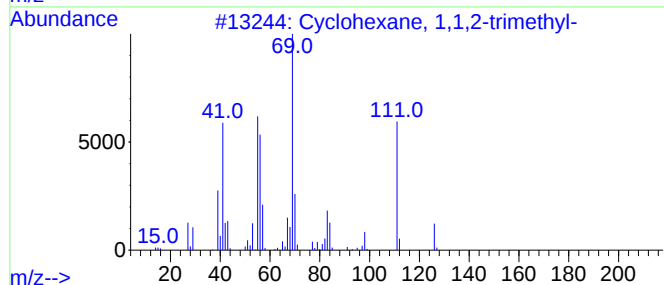
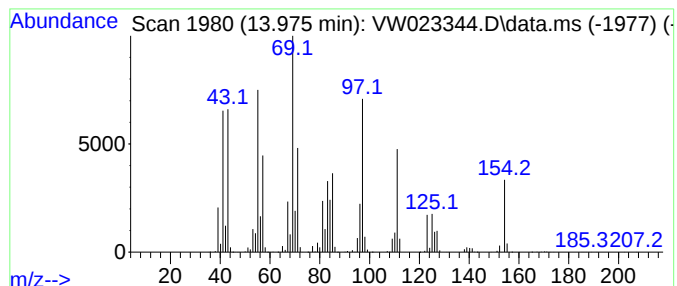
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic13.975 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	16.92 ug/L	2110710	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
3			2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	25
4			3-Hepten-2-one, 3-ethyl-4-methyl-	154	C10H18O	054244-90-5	25
5			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

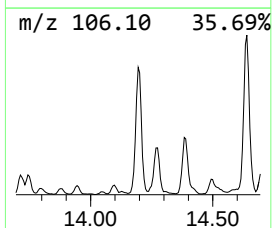
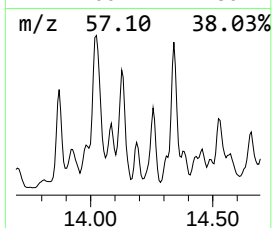
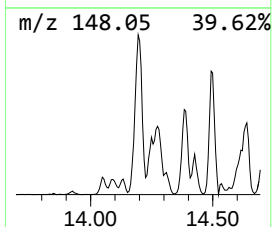
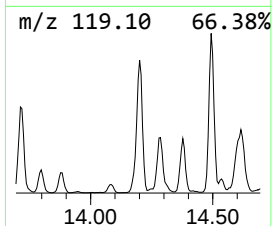
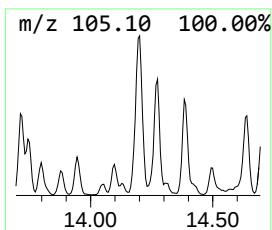
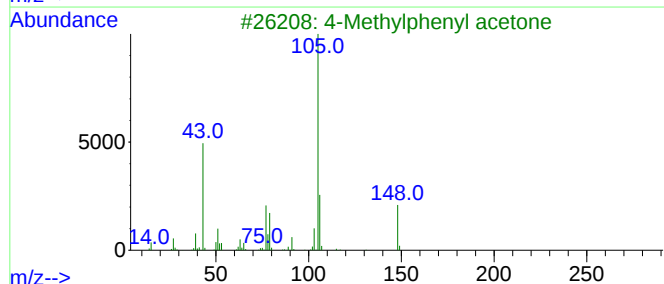
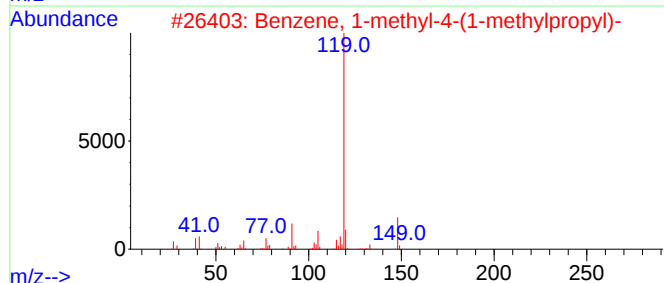
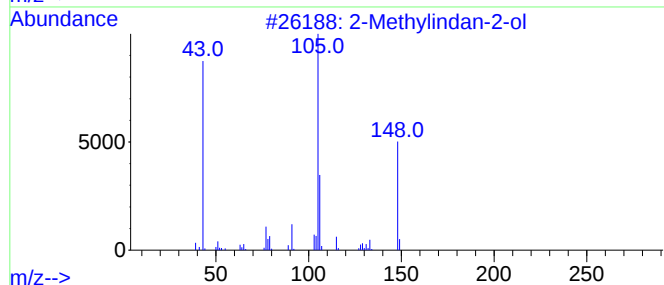
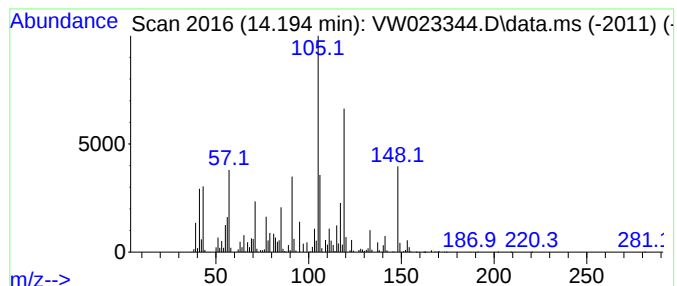
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TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-02

Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	27.01 ug/L	3370240	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylindan-2-ol	148	C10H12O	033223-84-6	41
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
4		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35
5		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

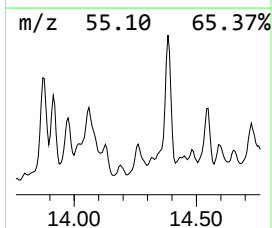
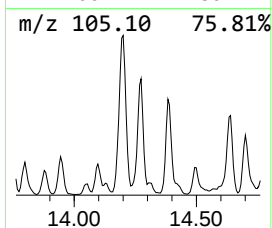
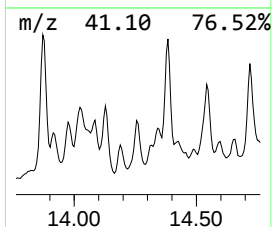
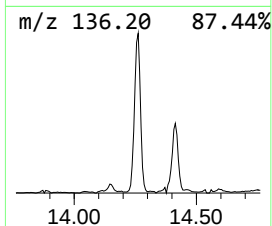
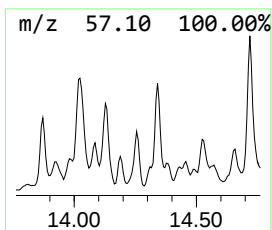
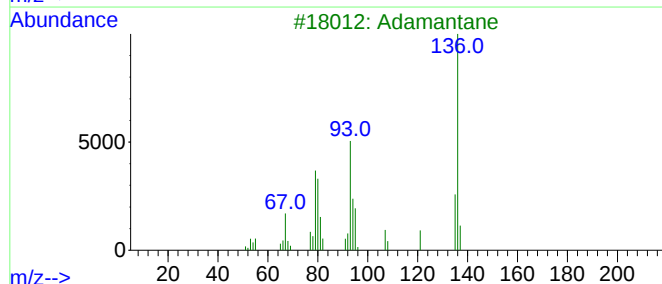
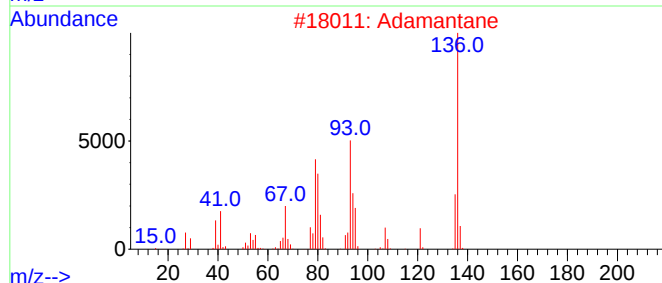
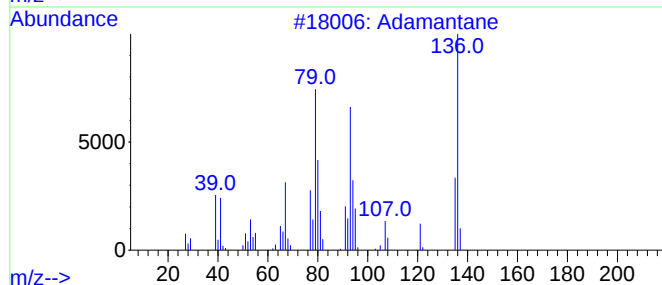
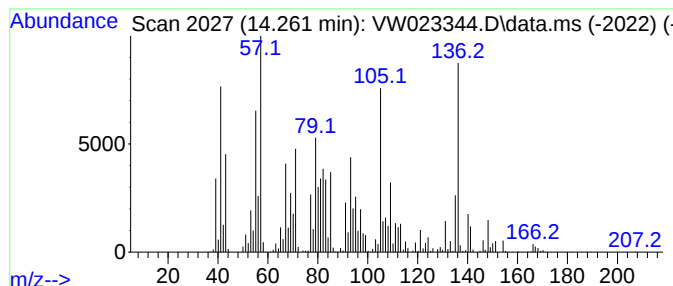
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Quant Title : SFAM01.0

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

Peak Number 39 Adamantane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	33.93 ug/L	4233640	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	60
2	Adamantane			136	C10H16	000281-23-2	60
3	Adamantane			136	C10H16	000281-23-2	60
4	Adamantane			136	C10H16	000281-23-2	60
5	Adamantane			136	C10H16	000281-23-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

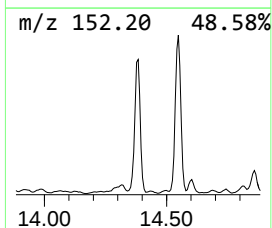
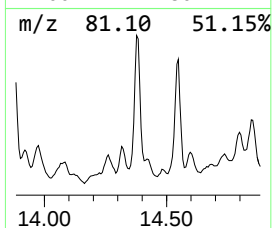
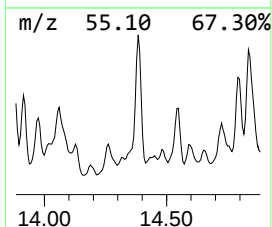
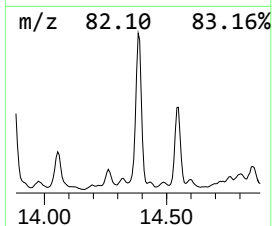
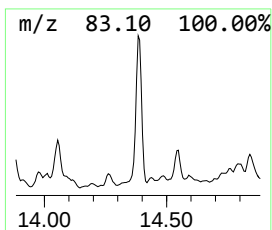
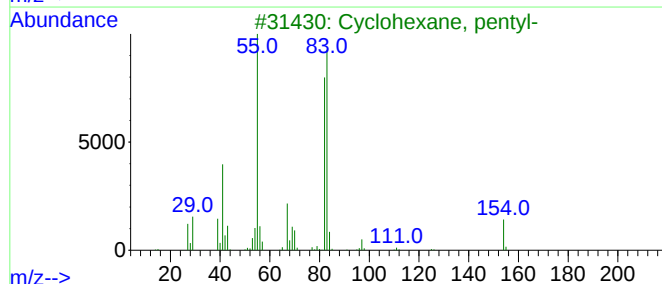
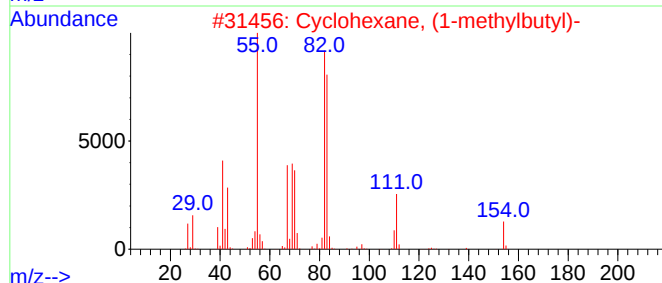
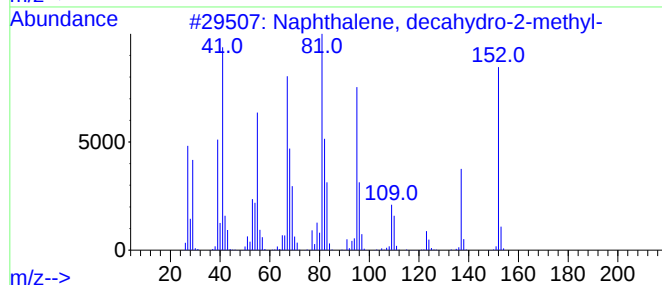
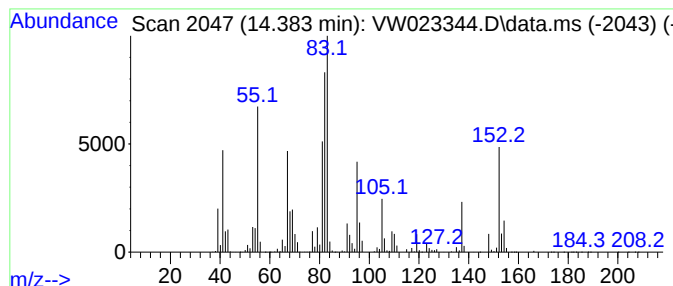
Instrument :
MSVOA_W
ClientSampleId :
GBGR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.383	55.85 ug/L	6969220	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

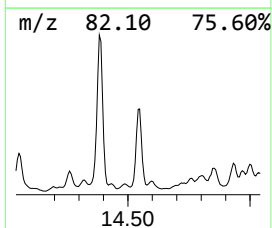
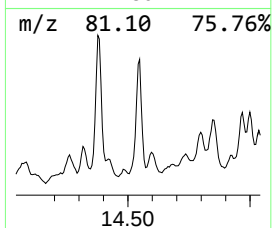
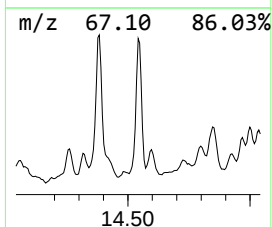
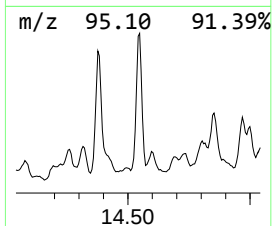
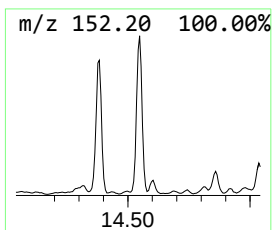
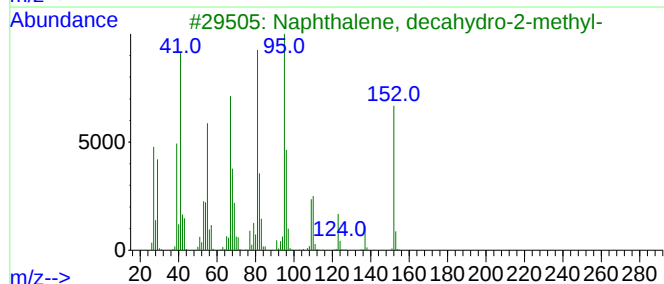
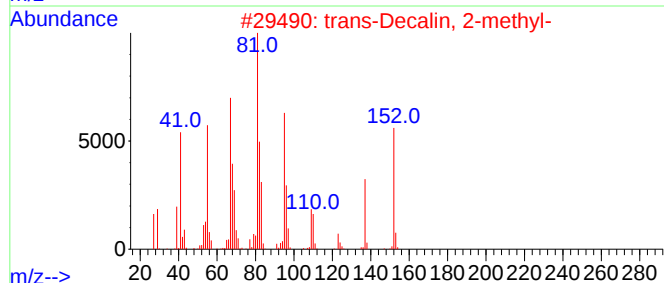
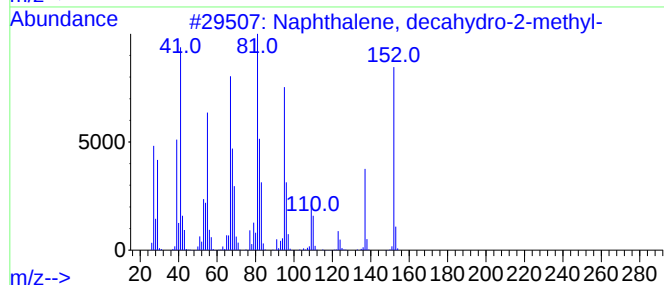
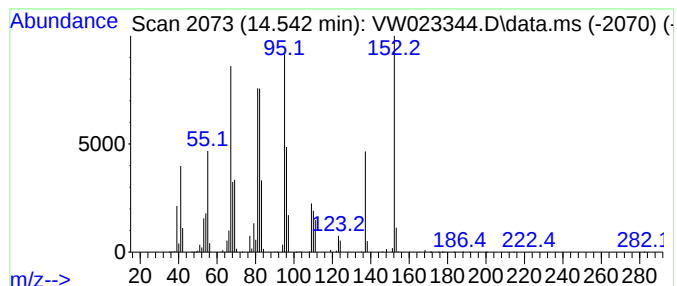
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Quant Title : SFAM01.0

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

Peak Number 41 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	43.08 ug/L	5375790	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
5			Cyclopentylcyclohexane	152	C11H20	001606-08-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

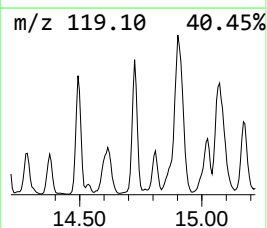
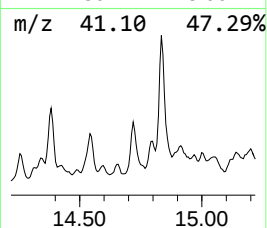
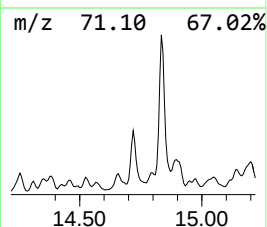
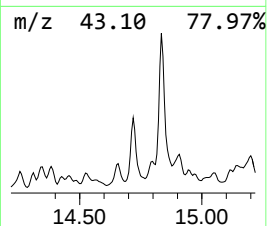
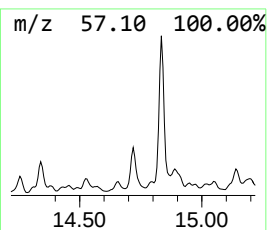
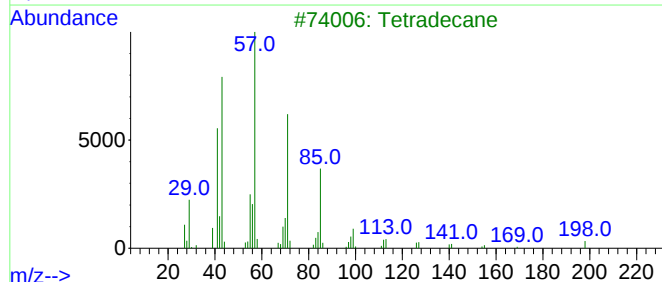
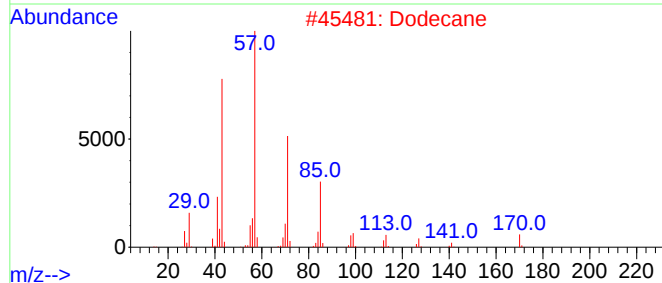
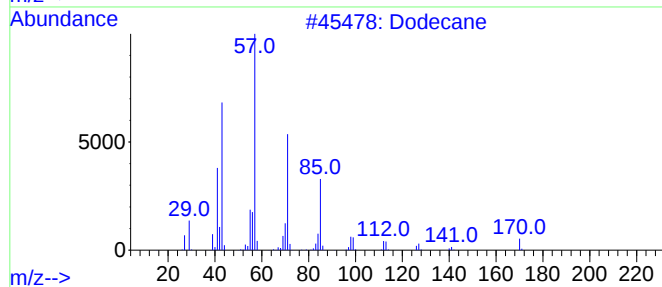
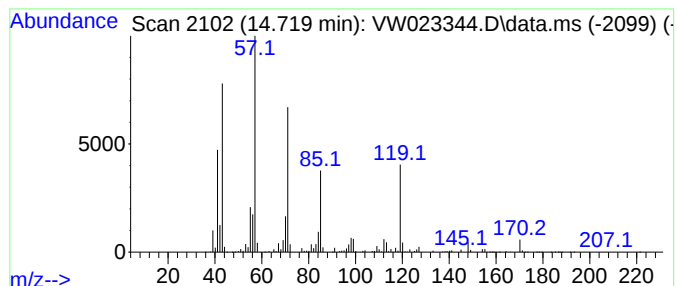
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Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	36.36 ug/L	4537010	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	83
2			Dodecane	170	C12H26	000112-40-3	58
3			Tetradecane	198	C14H30	000629-59-4	52
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	50
5			Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

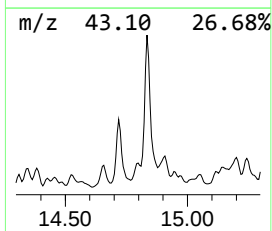
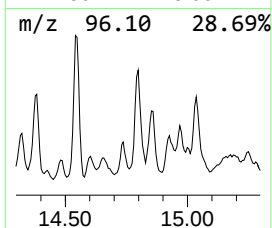
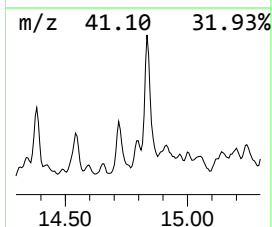
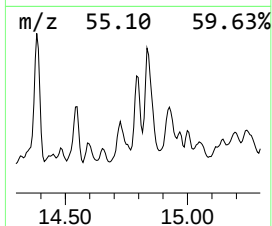
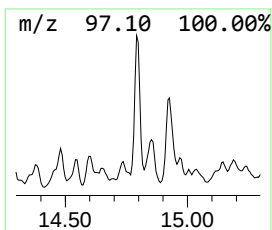
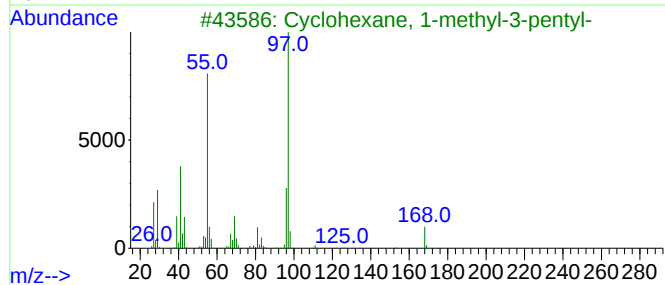
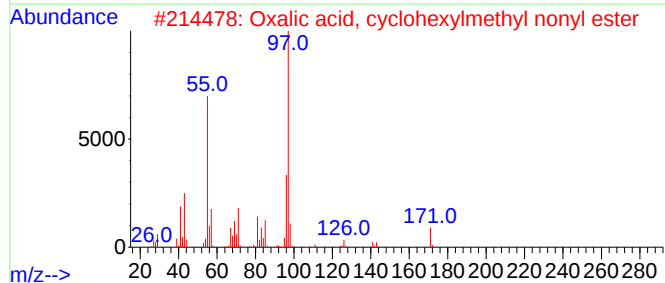
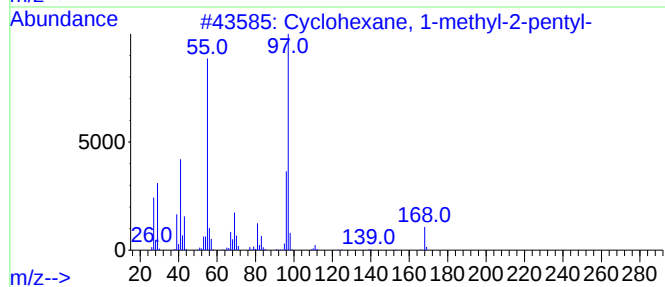
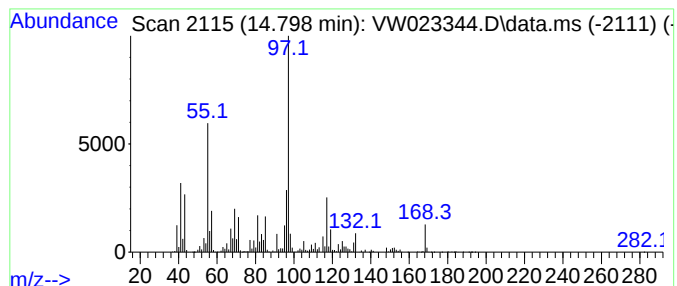
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Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Cyclic14.798 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	33.10 ug/L	4130070	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
2			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	52
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
4			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	49
5			4-Methylcyclohexaneacetic acid (...)	156	C9H16O2	1000453-59-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

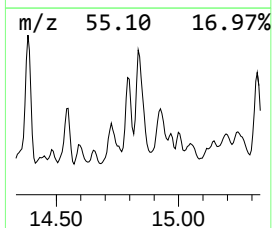
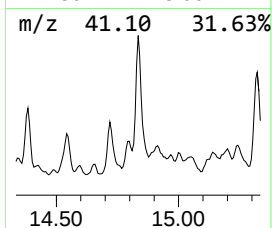
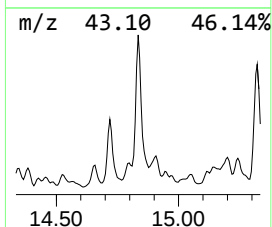
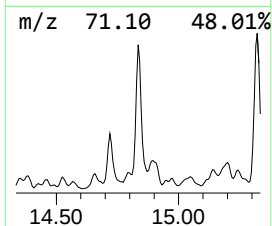
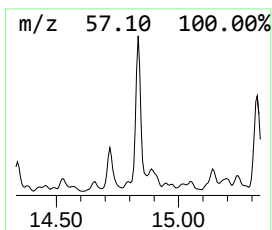
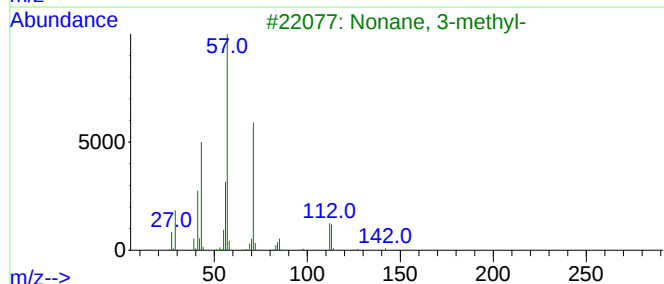
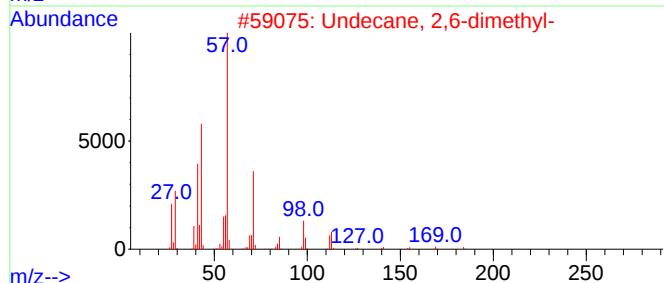
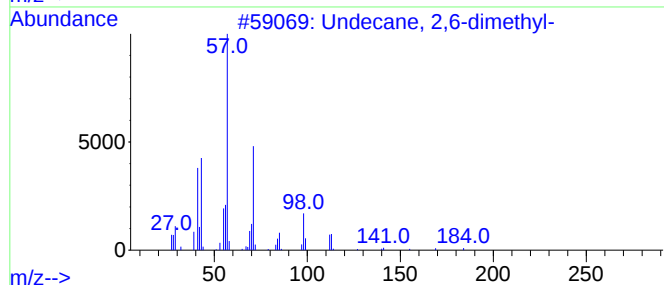
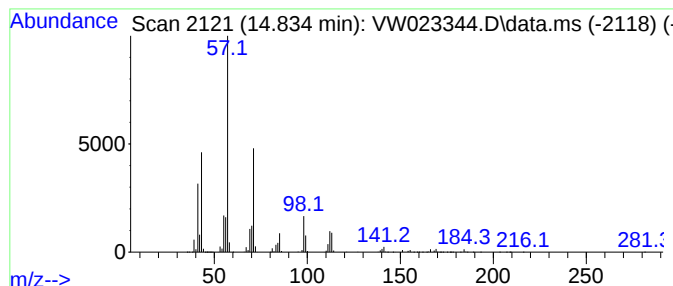
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.835	95.58 ug/L	11925500	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	89
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

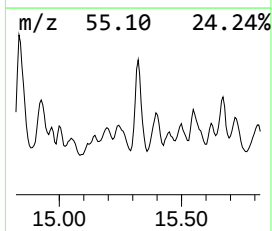
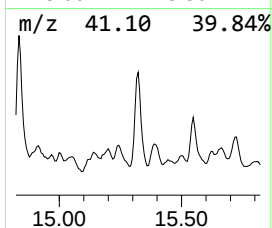
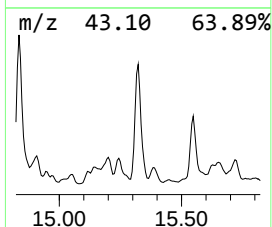
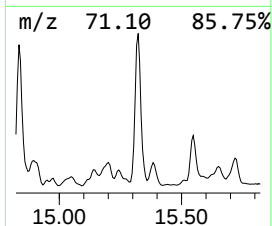
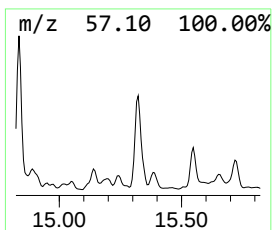
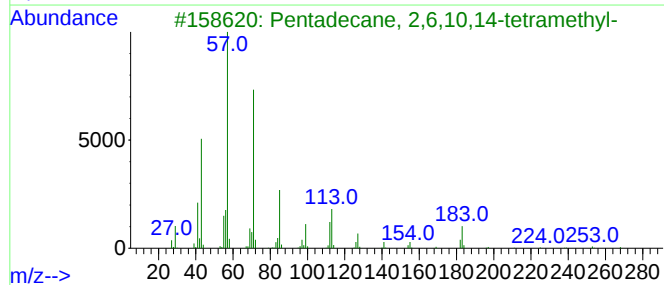
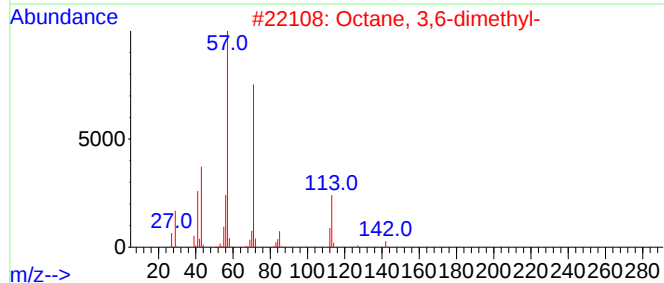
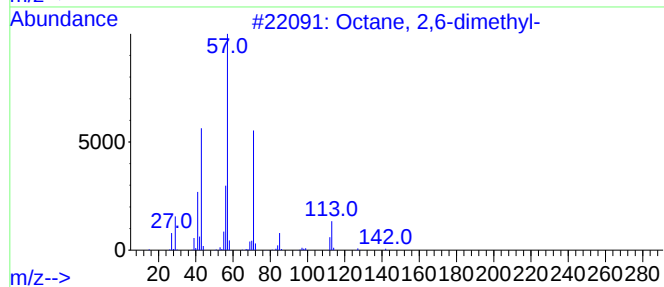
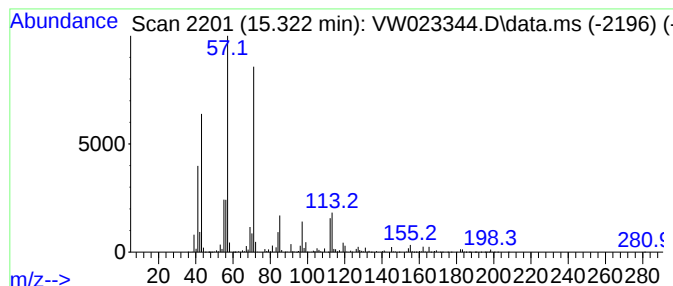
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	90.04 ug/L	11234400	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023344.D
Acq On : 26 May 2022 01:28
Operator : SY/VA
Sample : N2995-18
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR9

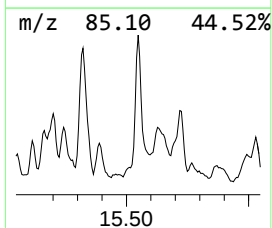
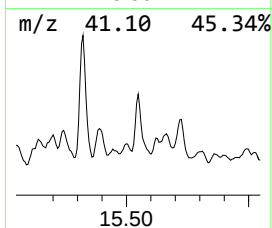
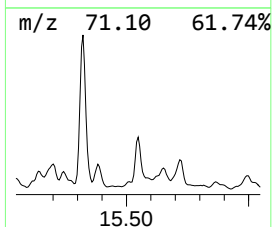
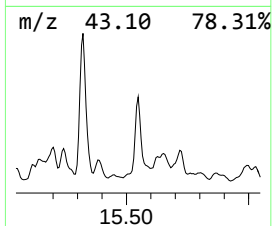
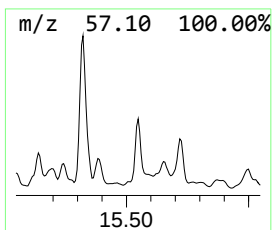
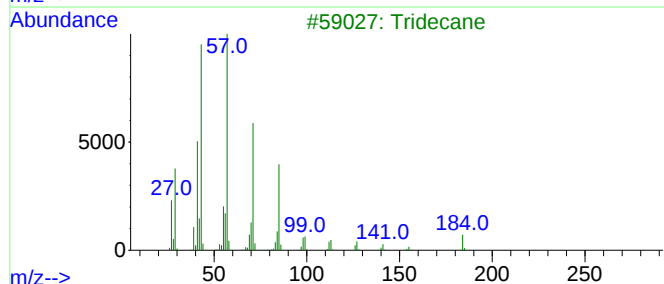
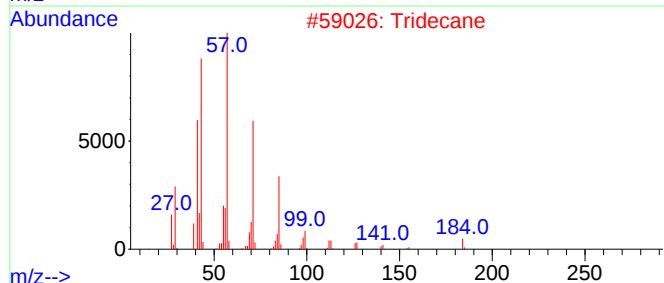
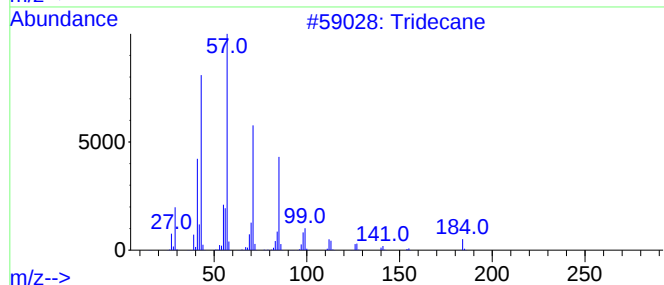
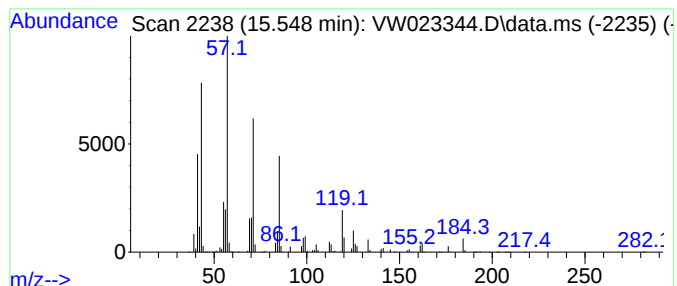
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	40.05 ug/L	4996920	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Tridecane	184	C13H28	000629-50-5	96
3			Tridecane	184	C13H28	000629-50-5	90
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	72
5			Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023344.D
 Acq On : 26 May 2022 01:28
 Operator : SY/VA
 Sample : N2995-18
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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...	10.091	2.6	ug/L	94449	1	8.842	914916	25.0
(DEL) Alkane: C...	10.488	2.4	ug/L	118314	2	11.628	1246970	25.0
(DEL) Alkane: C...	10.665	4.3	ug/L	212466	2	11.628	1246970	25.0
(DEL) Alkane: C...	10.762	2.4	ug/L	117402	2	11.628	1246970	25.0
(DEL) Alkane: S...	10.847	1.3	ug/L	62855	2	11.628	1246970	25.0
(DEL) Alkane: S...	11.036	3.3	ug/L	162602	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.110	1.9	ug/L	92604	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.177	10.8	ug/L	537697	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.225	8.3	ug/L	414291	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.280	1.4	ug/L	68801	2	11.628	1246970	25.0
(DEL) Alkane: S...	11.335	5.5	ug/L	276912	2	11.628	1246970	25.0
(DEL) Alkane: S...	11.402	5.6	ug/L	280394	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.433	7.0	ug/L	348241	2	11.628	1246970	25.0
(DEL) Alkane: S...	11.512	11.7	ug/L	581803	2	11.628	1246970	25.0
Pentalene, octa...	11.719	1.3	ug/L	66348	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.762	3.5	ug/L	175079	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.811	5.0	ug/L	250369	2	11.628	1246970	25.0
(DEL) Alkane: C...	11.872	26.9	ug/L	1339920	2	11.628	1246970	25.0
(DEL) Alkane: S...	11.975	2.5	ug/L	125638	2	11.628	1246970	25.0
(DEL) Alkane: S...	12.061	17.7	ug/L	883844	2	11.628	1246970	25.0
(DEL) Alkane: S...	12.134	62.5	ug/L	3115980	2	11.628	1246970	25.0
unknown-01	12.189	6.0	ug/L	298582	2	11.628	1246970	25.0
(DEL) Alkane: S...	12.250	42.3	ug/L	2107400	2	11.628	1246970	25.0
(DEL) Alkane: S...	12.359	112.6	ug/L	5615210	2	11.628	1246970	25.0
(DEL) Alkane: S...	12.536	40.3	ug/L	2010580	2	11.628	1246970	25.0
(DEL) Alkane: C...	12.780	23.8	ug/L	2968800	3	13.554	3119370	25.0
(DEL) Alkane: C...	12.859	19.5	ug/L	2436060	3	13.554	3119370	25.0
Oxalic acid, cy...	12.938	44.8	ug/L	5585290	3	13.554	3119370	25.0
(DEL) Alkane: S...	12.987	13.0	ug/L	1625420	3	13.554	3119370	25.0
(DEL) Alkane: S...	13.079	12.5	ug/L	1554950	3	13.554	3119370	25.0
(DEL) Alkane: C...	13.121	15.8	ug/L	1965230	3	13.554	3119370	25.0
(DEL) Alkane: S...	13.164	47.3	ug/L	5904820	3	13.554	3119370	25.0
(DEL) Alkane: S...	13.292	10.7	ug/L	1339300	3	13.554	3119370	25.0
(DEL) Alkane: C...	13.445	25.0	ug/L	3119370	3	13.554	3119370	25.0
(DEL) Alkane: C...	13.975	16.9	ug/L	2110710	3	13.554	3119370	25.0
unknown-02	14.194	27.0	ug/L	3370240	3	13.554	3119370	25.0
Adamantane	14.261	33.9	ug/L	4233640	3	13.554	3119370	25.0
Naphthalene, de...	14.383	55.9	ug/L	6969220	3	13.554	3119370	25.0
trans-Decalin, ...	14.542	43.1	ug/L	5375790	3	13.554	3119370	25.0
(DEL) Alkane: S...	14.719	36.4	ug/L	4537010	3	13.554	3119370	25.0
(DEL) Alkane: C...	14.798	33.1	ug/L	4130070	3	13.554	3119370	25.0
(DEL) Alkane: S...	14.835	95.6	ug/L	11925500	3	13.554	3119370	25.0
(DEL) Alkane: S...	15.322	90.0	ug/L	11234400	3	13.554	3119370	25.0
(DEL) Alkane: S...	15.548	40.0	ug/L	4996920	3	13.554	3119370	25.0