

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021082.D
 Acq On : 03 Dec 2021 22:28
 Operator : SY/VA
 Sample : M4883-04
 Misc : 4.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G0

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\SFAMWLM120321SMA.M
 Title : SFAM01.0

Signal : TIC: VW021082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	84	rVB	27180	46810	14.01%	2.032%
2	2.885	155	161	170	rVB	15404	32063	9.60%	1.392%
3	3.391	237	244	250	rVB3	2381	5377	1.61%	0.233%
4	4.019	337	347	359	rVV	28329	82619	24.73%	3.586%
5	4.409	404	411	413	rBV3	389	861	0.26%	0.037%
6	4.800	470	475	476	rBV	110	162	0.05%	0.007%
7	4.921	483	495	509	rVV5	4154	15227	4.56%	0.661%
8	5.049	513	516	519	rBB	107	144	0.04%	0.006%
9	5.129	523	529	533	rVV2	334	776	0.23%	0.034%
10	5.434	574	579	581	rBV3	451	781	0.23%	0.034%
11	5.824	639	643	646	rBB3	146	203	0.06%	0.009%
12	5.946	654	663	671	rVB3	1819	5128	1.53%	0.223%
13	6.092	684	687	691	rBB2	140	215	0.06%	0.009%
14	6.147	692	696	698	rBB2	120	155	0.05%	0.007%
15	6.293	718	720	722	rBB	184	157	0.05%	0.007%
16	6.385	730	735	737	rBB	155	211	0.06%	0.009%
17	6.561	758	764	769	rBB2	138	329	0.10%	0.014%
18	6.622	771	774	776	rBV	98	146	0.04%	0.006%
19	6.964	828	830	831	rBV	262	196	0.06%	0.009%
20	7.086	839	850	854	rBV	7251	19448	5.82%	0.844%
21	7.653	933	943	954	rVB	58498	138739	41.53%	6.022%
22	7.927	983	988	989	rBV2	349	489	0.15%	0.021%
23	8.159	1021	1026	1030	rBV2	693	1209	0.36%	0.052%
24	8.275	1033	1045	1059	rBV3	82725	276474	82.75%	12.000%
25	8.695	1109	1114	1119	rBB2	1573	2918	0.87%	0.127%
26	8.841	1130	1138	1150	rBB	72595	139544	41.77%	6.057%
27	9.091	1171	1179	1188	rVB	98405	192082	57.49%	8.337%
28	9.274	1201	1209	1218	rBV	70963	142282	42.59%	6.176%
29	9.896	1308	1311	1315	rVB	222	341	0.10%	0.015%
30	9.957	1316	1321	1325	rBV3	740	1274	0.38%	0.055%
31	10.036	1327	1334	1341	rVB	26698	47292	14.16%	2.053%
32	10.091	1341	1343	1348	rBV2	340	488	0.15%	0.021%
33	10.213	1359	1363	1365	rBV2	426	583	0.17%	0.025%
34	10.323	1374	1381	1388	rBV	76298	129702	38.82%	5.630%
35	10.384	1388	1391	1396	rVB3	1493	2623	0.79%	0.114%
36	10.500	1406	1410	1415	rBB5	1628	2588	0.77%	0.112%

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 Title : SFAM01.0

37	10.579	1417	1423	1431	rVB	14358	23921	7.16%	1.038%
38	10.707	1436	1444	1450	rBV	11412	19480	5.83%	0.846%
39	10.859	1462	1469	1475	rBV	191590	334091	100.00%	14.501%
40	10.926	1475	1480	1492	rVB2	27062	51147	15.31%	2.220%
41	11.012	1492	1494	1497	rBV	136	174	0.05%	0.008%
42	11.067	1497	1503	1508	rBV	6238	9625	2.88%	0.418%
43	11.183	1520	1522	1524	rVB	396	270	0.08%	0.012%
44	11.225	1524	1529	1534	rBB2	544	851	0.25%	0.037%
45	11.359	1547	1551	1552	rBV2	143	172	0.05%	0.007%
46	11.432	1557	1563	1570	rVV2	10144	17707	5.30%	0.769%
47	11.506	1573	1575	1579	rVB2	400	524	0.16%	0.023%
48	11.628	1589	1595	1604	rBV	51789	86856	26.00%	3.770%
49	11.731	1608	1612	1617	rVB2	416	701	0.21%	0.030%
50	11.835	1625	1629	1636	rVB3	2724	4343	1.30%	0.189%
51	11.896	1636	1639	1642	rBV	163	266	0.08%	0.012%
52	12.170	1680	1684	1687	rVB2	439	738	0.22%	0.032%
53	12.249	1692	1697	1702	rBB3	525	863	0.26%	0.037%
54	12.463	1729	1732	1736	rBB	136	159	0.05%	0.007%
55	12.536	1740	1744	1748	rVV2	416	642	0.19%	0.028%
56	12.603	1749	1755	1763	rVV	44633	67391	20.17%	2.925%
57	12.688	1763	1769	1777	rVB	42441	71204	21.31%	3.091%
58	12.853	1793	1796	1798	rBV	182	186	0.06%	0.008%
59	12.926	1804	1808	1815	rVB3	4763	7606	2.28%	0.330%
60	13.164	1842	1847	1850	rBV2	1362	2071	0.62%	0.090%
61	13.249	1858	1861	1863	rBV	273	277	0.08%	0.012%
62	13.292	1863	1868	1873	rVB2	5357	8074	2.42%	0.350%
63	13.341	1873	1876	1881	rVB3	417	628	0.19%	0.027%
64	13.408	1881	1887	1891	rBV4	649	1071	0.32%	0.046%
65	13.475	1895	1898	1903	rBV5	578	1198	0.36%	0.052%
66	13.554	1906	1911	1917	rBV	19546	29963	8.97%	1.301%
67	13.713	1935	1937	1941	rBV	122	159	0.05%	0.007%
68	13.755	1941	1944	1948	rBV2	447	529	0.16%	0.023%
69	13.853	1954	1960	1970	rBV2	19420	43189	12.93%	1.875%
70	13.932	1971	1973	1983	rVB5	1132	2010	0.60%	0.087%
71	14.017	1983	1987	1988	rBV2	808	933	0.28%	0.040%
72	14.066	1990	1995	2002	rVV2	13042	21410	6.41%	0.929%
73	14.127	2002	2005	2011	rVB3	1263	1921	0.57%	0.083%
74	14.261	2021	2027	2029	rVB2	341	576	0.17%	0.025%
75	14.316	2029	2036	2037	rBV	577	1015	0.30%	0.044%
76	14.341	2037	2040	2045	rVV5	1563	2891	0.87%	0.125%

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 Title : SFAM01.0

77	14.389	2045	2048	2051	rVV4	1247	1781	0.53%	0.077%
78	14.426	2051	2054	2057	rVV2	1805	2168	0.65%	0.094%
79	14.493	2061	2065	2070	rVB5	1426	2055	0.62%	0.089%
80	14.572	2076	2078	2080	rBB5	205	166	0.05%	0.007%
81	14.597	2080	2082	2083	rBV5	179	147	0.04%	0.006%
82	14.651	2087	2091	2093	rVV3	162	222	0.07%	0.010%
83	14.718	2096	2102	2111	rBV	20336	28420	8.51%	1.234%
84	14.798	2111	2115	2116	rBV2	501	700	0.21%	0.030%
85	14.834	2116	2121	2127	rVB2	6252	9263	2.77%	0.402%
86	15.005	2146	2149	2151	rVB	199	212	0.06%	0.009%
87	15.036	2151	2154	2155	rBV	514	527	0.16%	0.023%
88	15.109	2164	2166	2167	rBV2	463	331	0.10%	0.014%
89	15.200	2179	2181	2184	rBV2	902	1127	0.34%	0.049%
90	15.316	2195	2200	2203	rBV2	5433	8949	2.68%	0.388%
91	15.359	2203	2207	2214	rVV2	22881	43145	12.91%	1.873%
92	15.432	2215	2219	2225	rVV2	7518	10986	3.29%	0.477%
93	15.481	2225	2227	2232	rVB2	1366	2013	0.60%	0.087%
94	15.548	2232	2238	2246	rBV	23092	36068	10.80%	1.566%
95	16.133	2330	2334	2343	rVB5	2038	4029	1.21%	0.175%
96	16.212	2343	2347	2353	rVB3	2254	3491	1.04%	0.152%
97	16.279	2353	2358	2364	rVB3	3302	5970	1.79%	0.259%
98	16.352	2367	2370	2372	rBV2	592	621	0.19%	0.027%
99	16.432	2378	2383	2387	rBV2	3810	7469	2.24%	0.324%
100	16.486	2388	2392	2398	rVB2	16199	27554	8.25%	1.196%

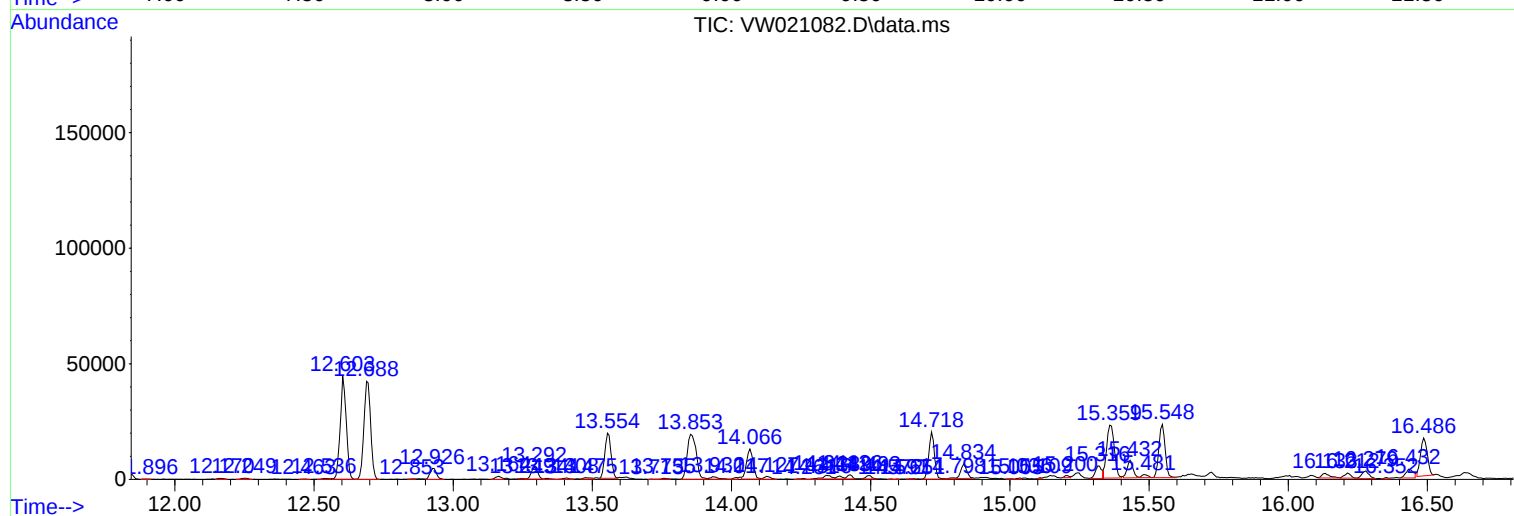
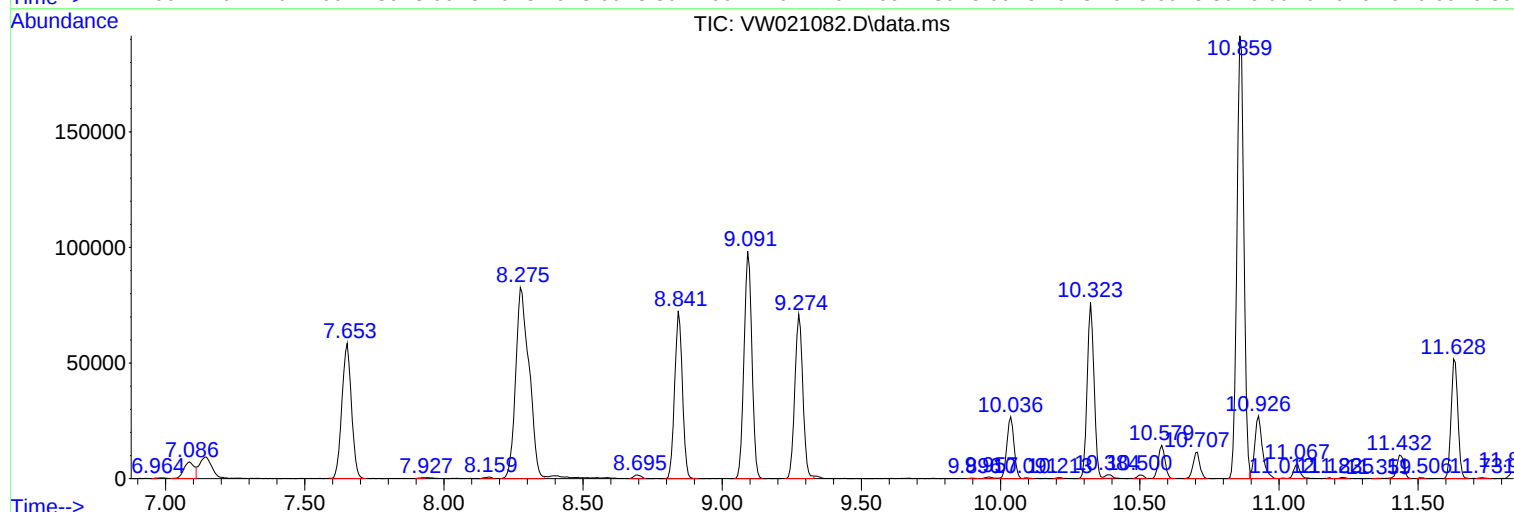
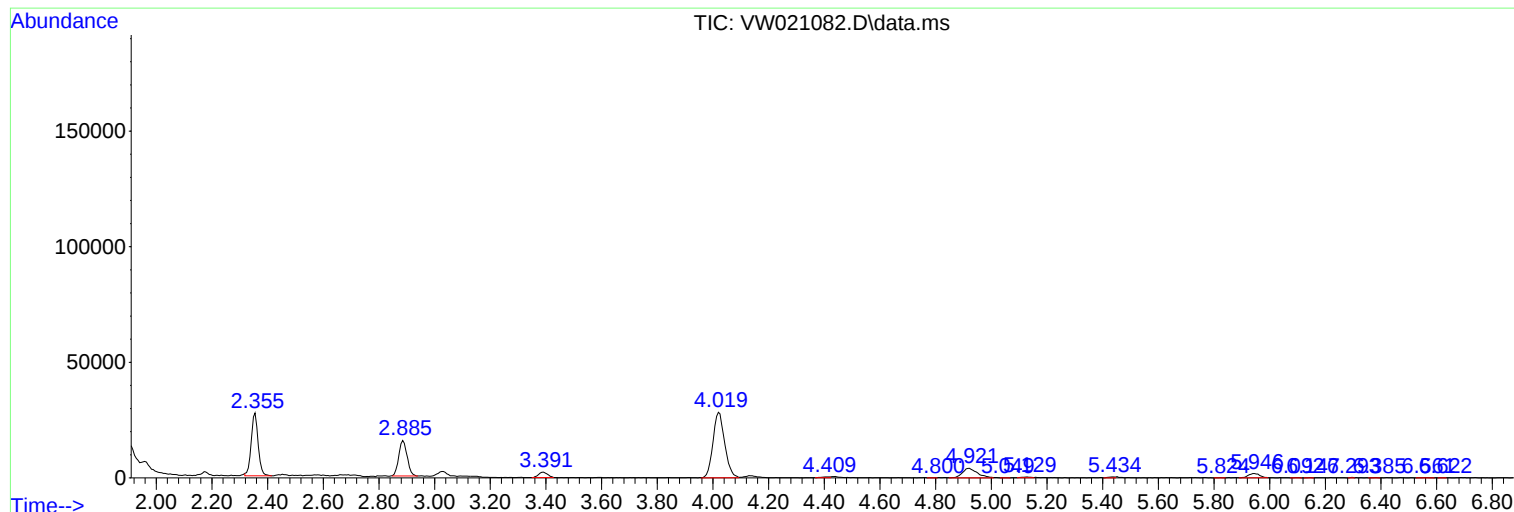
Sum of corrected areas: 2303882

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



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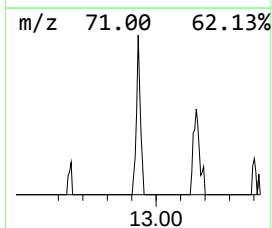
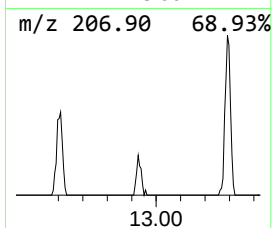
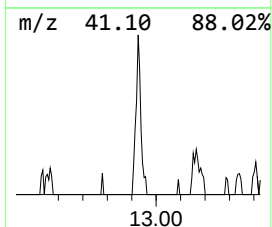
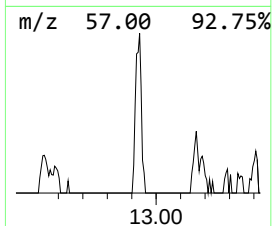
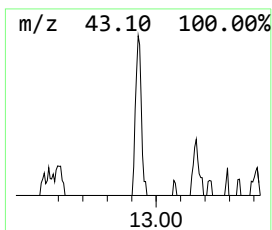
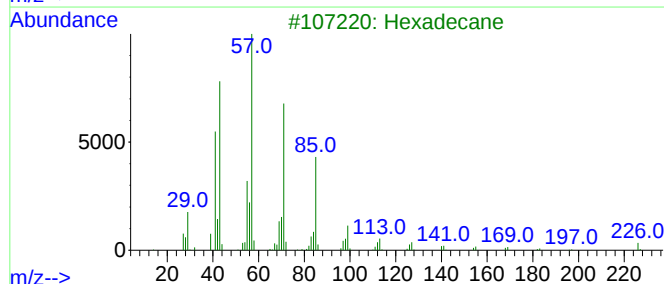
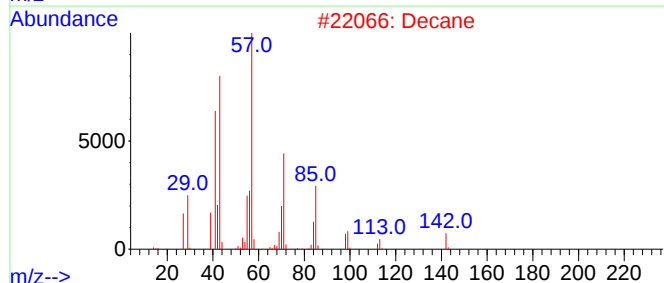
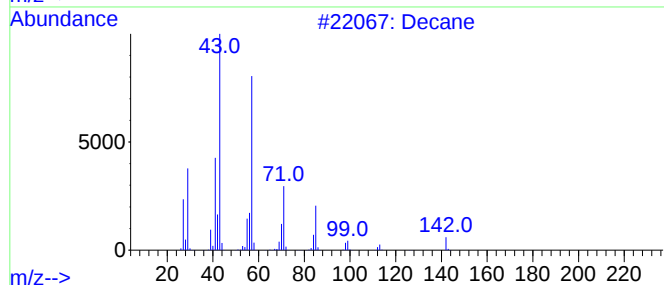
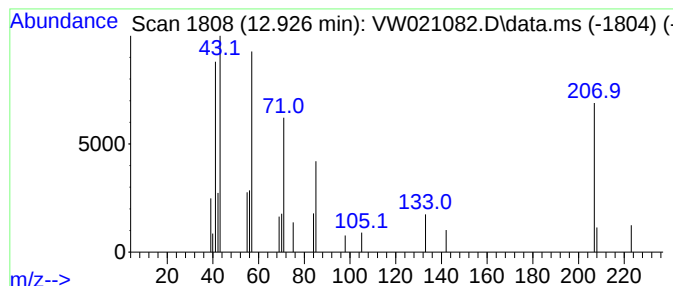
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	6.35 ug/L	7606	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	50
2			Decane	142	C10H22	000124-18-5	49
3			Hexadecane	226	C16H34	000544-76-3	47
4			Decane	142	C10H22	000124-18-5	47
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	47



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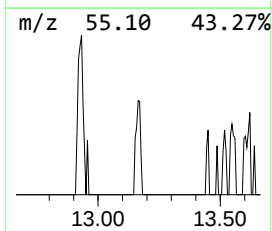
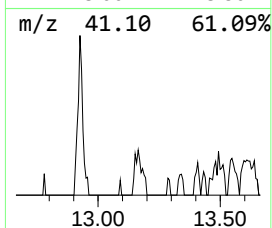
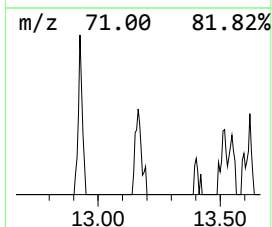
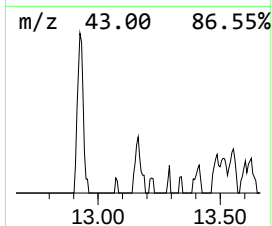
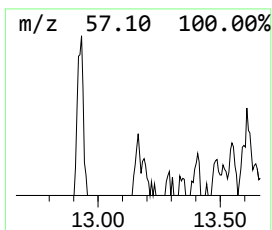
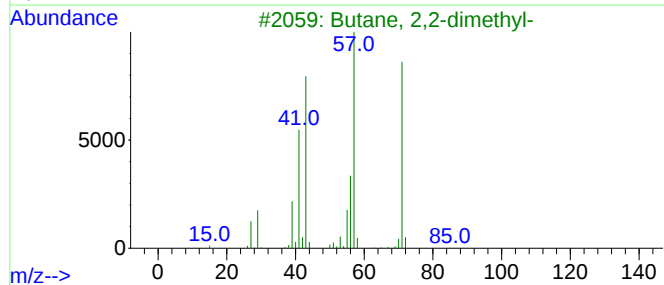
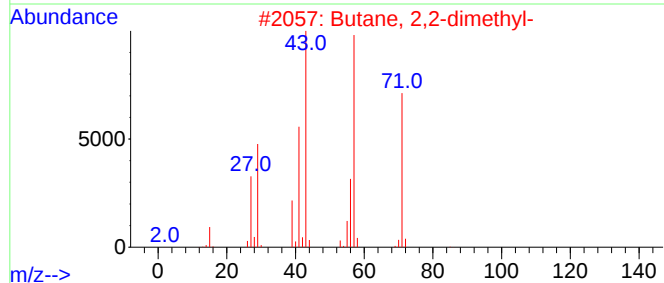
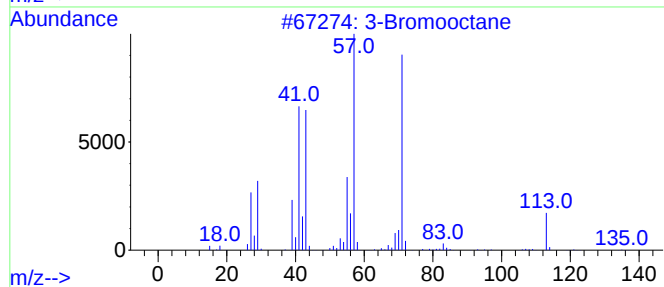
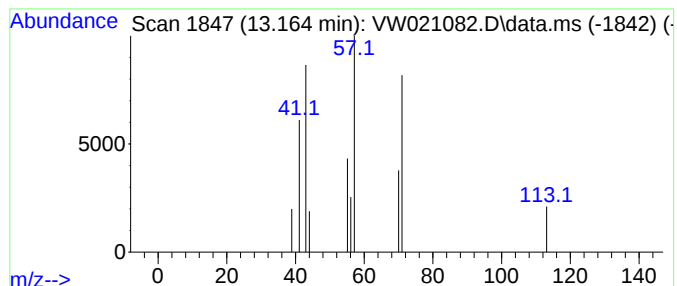
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 3-Bromooctane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	1.73 ug/L	2071	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Bromooctane	192	C8H17Br	000999-64-4	56
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	40



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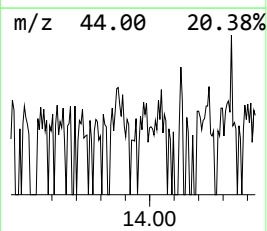
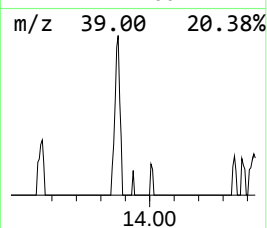
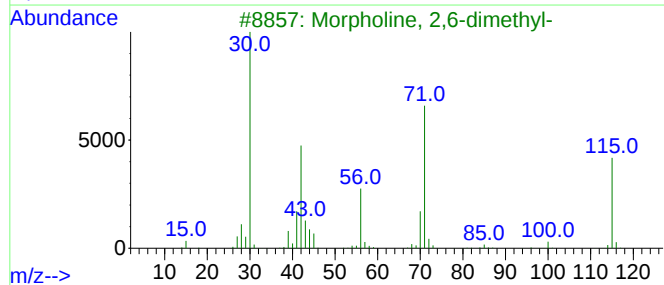
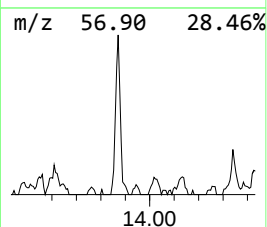
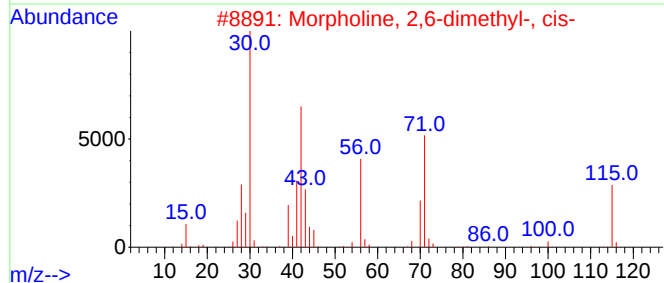
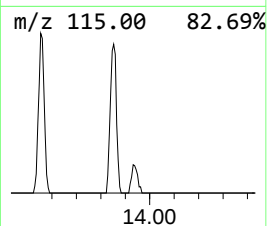
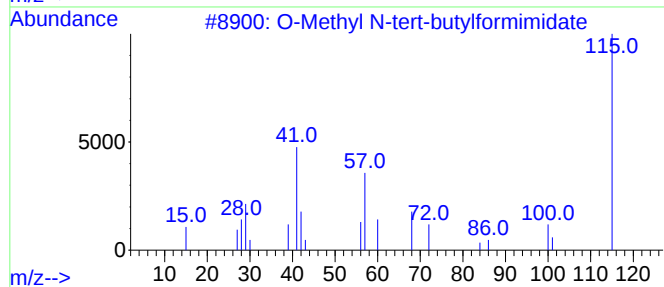
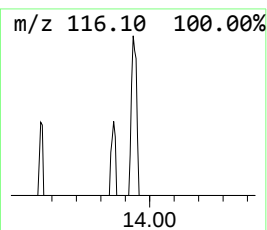
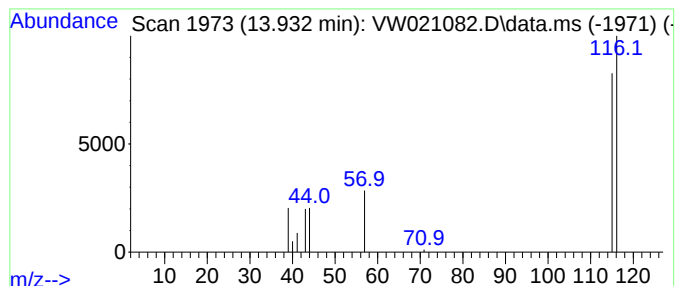
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.932	1.68 ug/L	2010	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			O-Methyl N-tert-butylformimidate	115	C6H13NO	049680-36-6	4
2			Morpholine, 2,6-dimethyl-, cis-	115	C6H13NO	006485-55-8	3
3			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	3
4			Acetamide, N-(2-methylpropyl)-	115	C6H13NO	001540-94-9	3
5			Acetamide, N-butyl-	115	C6H13NO	001119-49-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

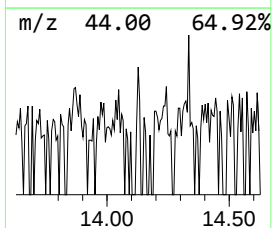
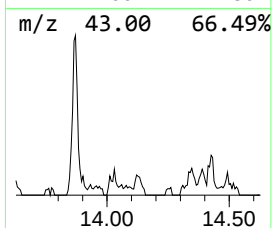
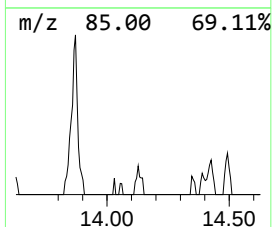
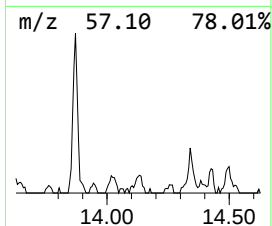
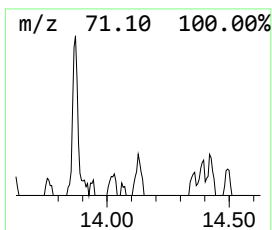
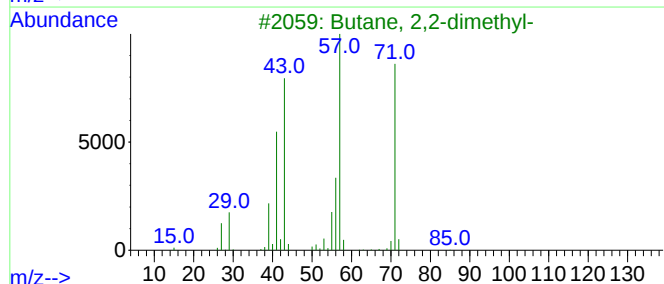
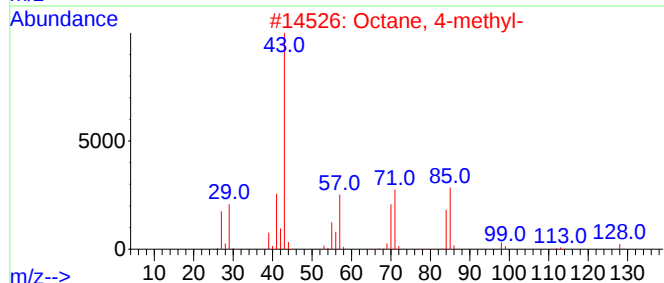
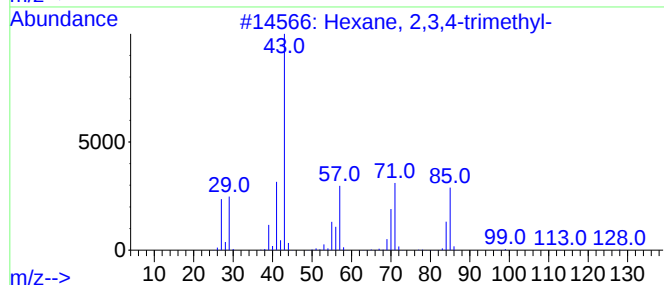
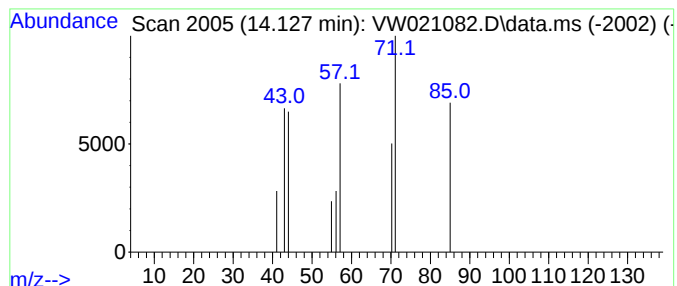
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	1.60 ug/L	1921	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	39
2			Octane, 4-methyl-	128	C9H20	002216-34-4	39
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9
5			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

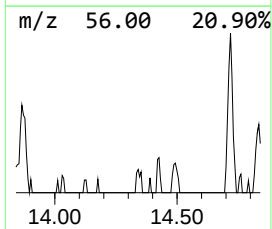
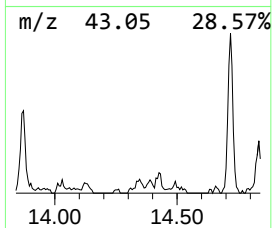
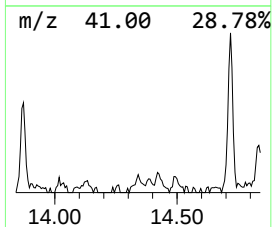
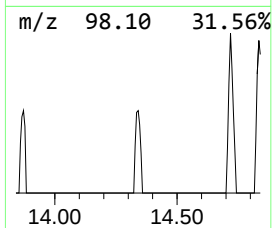
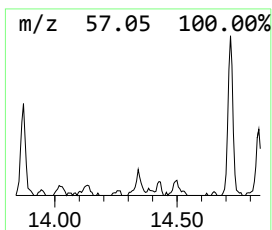
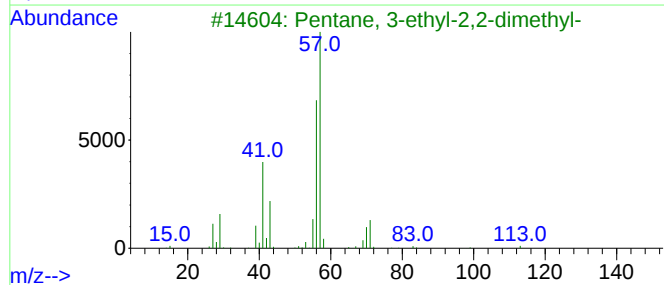
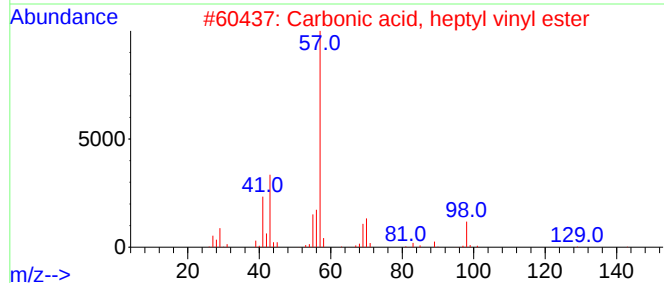
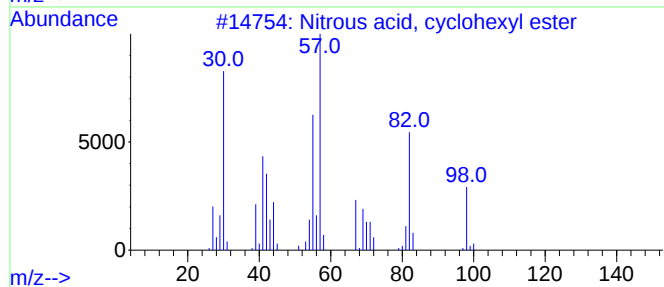
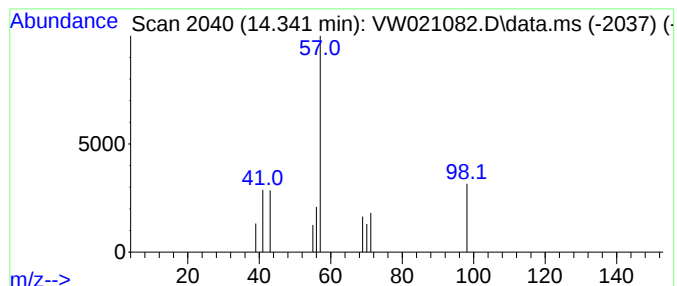
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	2.41 ug/L	2891	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	40
2			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	39
3			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	9
4			1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	9
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

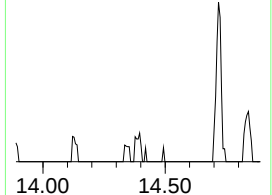
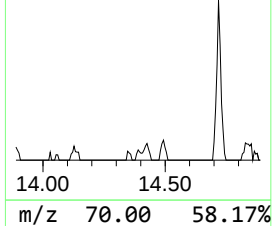
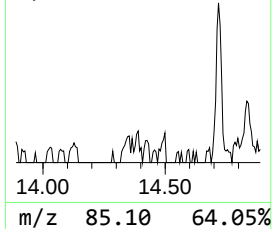
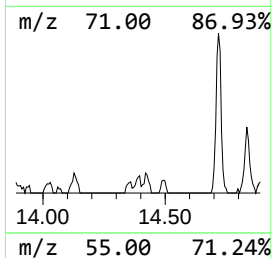
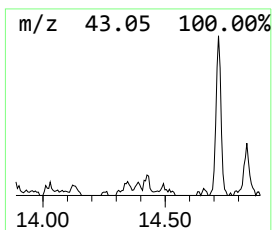
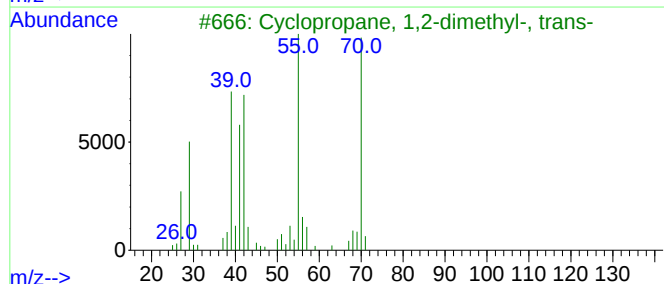
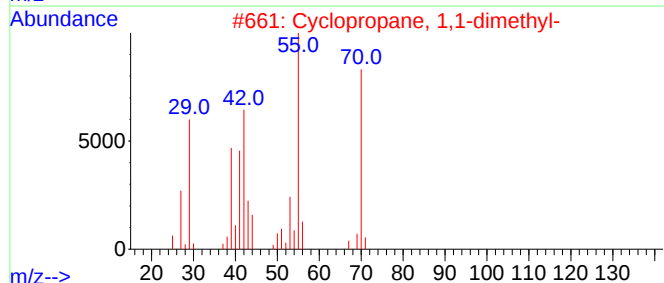
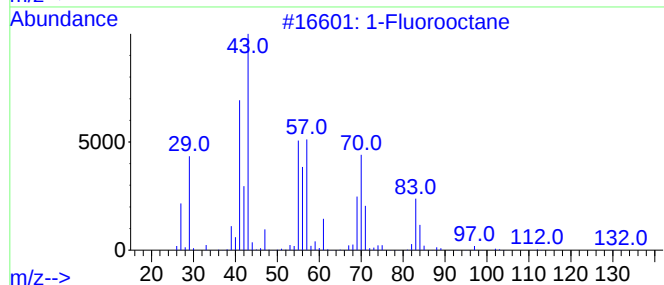
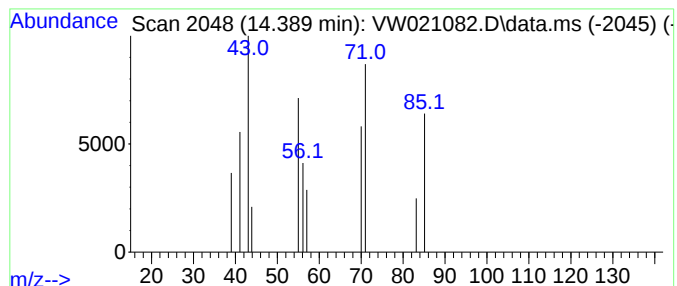
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	1.49 ug/L	1781	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Fluorooctane	132	C8H17F	000463-11-6	23
2			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	9
3			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9
4			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	9
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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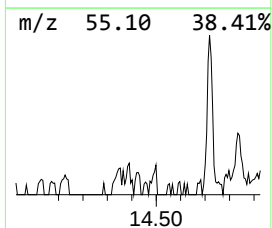
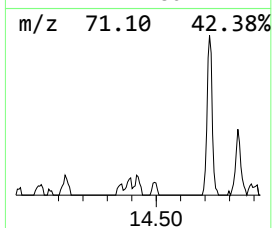
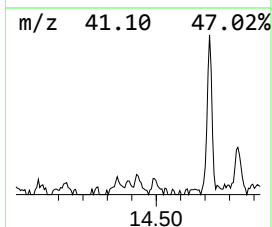
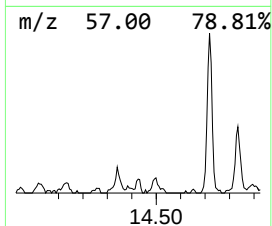
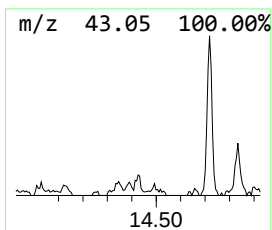
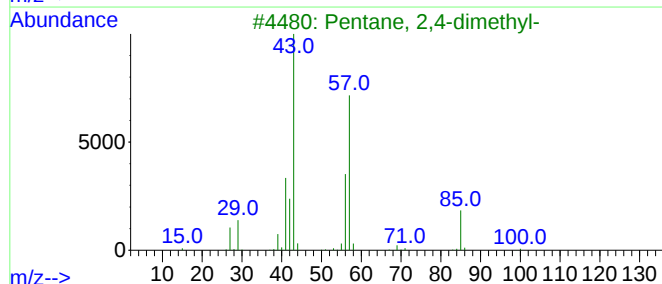
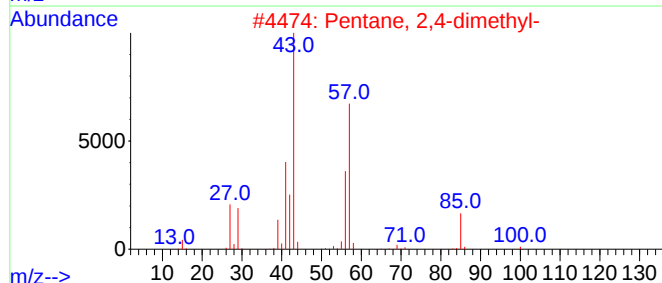
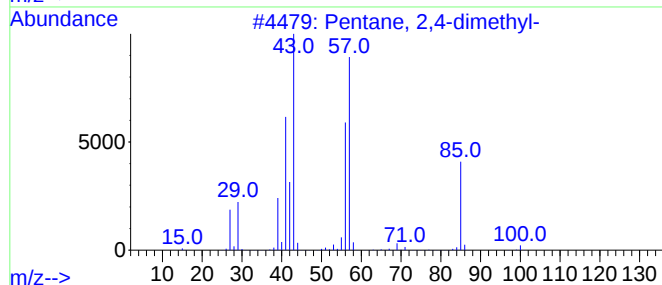
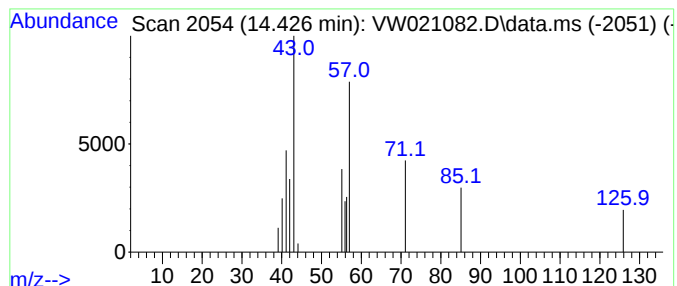
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	1.81 ug/L	2168	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	50
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	40
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	23
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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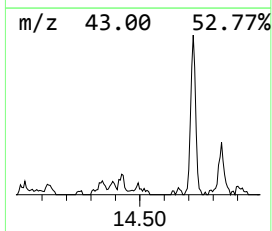
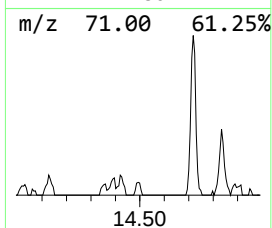
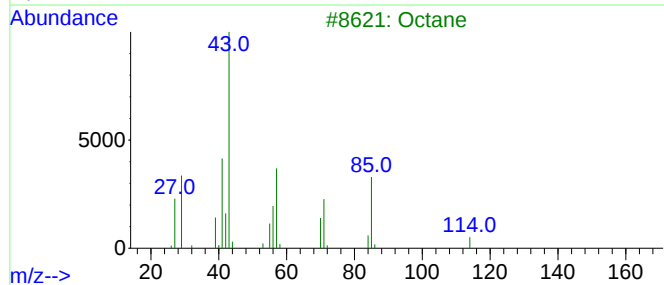
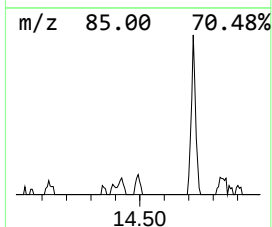
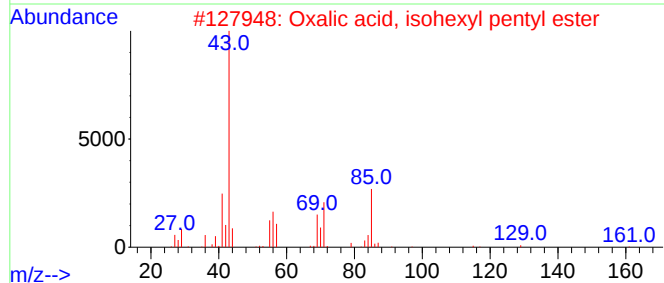
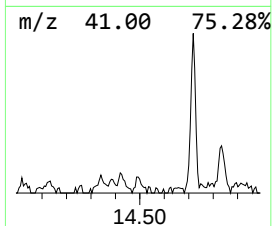
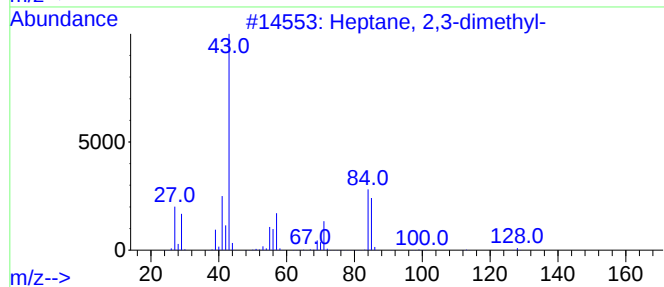
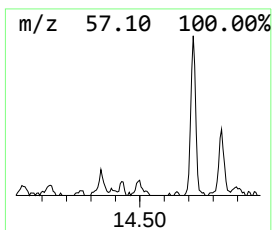
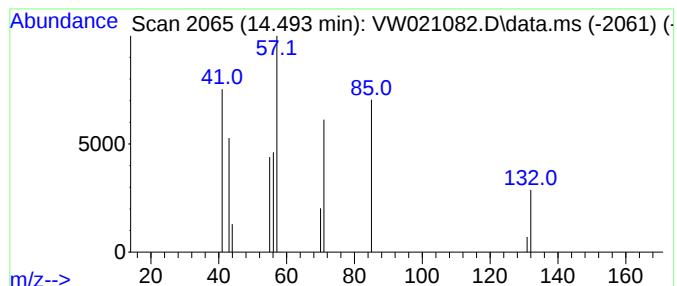
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.71 ug/L	2055	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
2			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	40
3			Octane	114	C8H18	000111-65-9	38
4			Octane	114	C8H18	000111-65-9	38
5			Octane	114	C8H18	000111-65-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

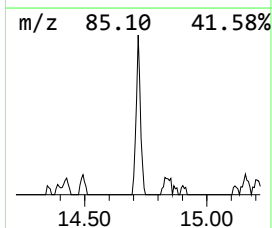
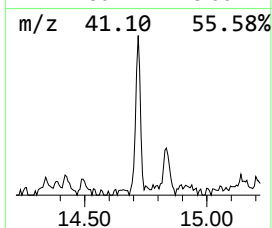
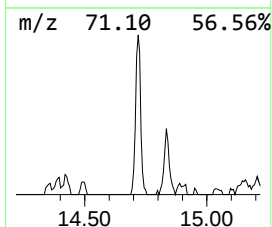
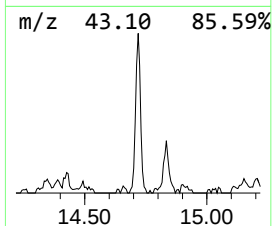
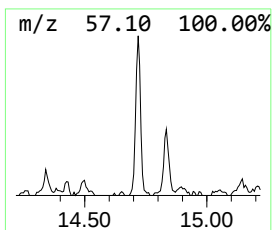
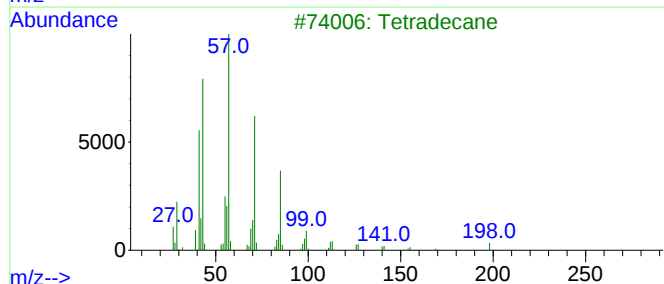
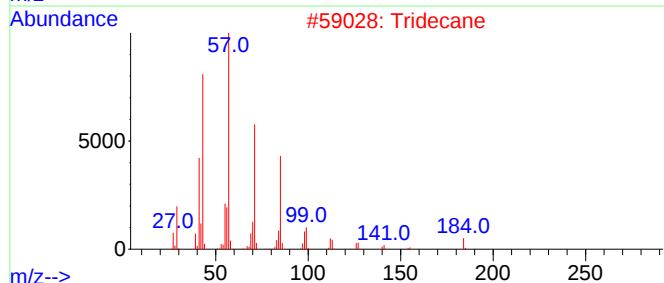
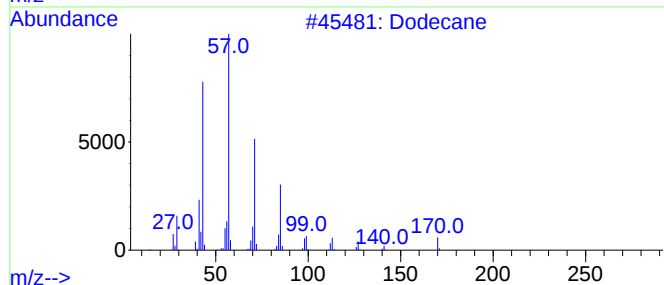
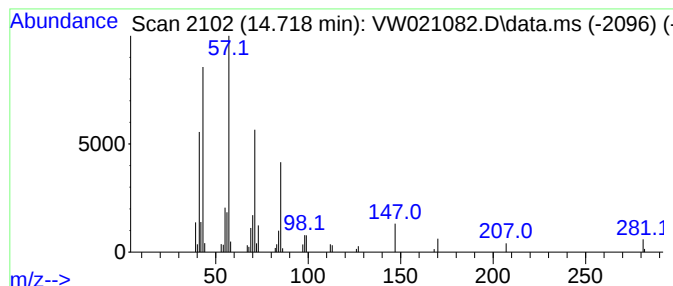
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	23.71 ug/L	28420	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	76
2			Tridecane	184	C13H28	000629-50-5	64
3			Tetradecane	198	C14H30	000629-59-4	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

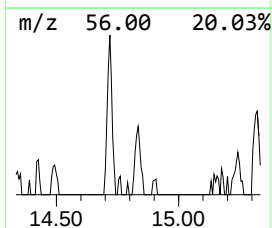
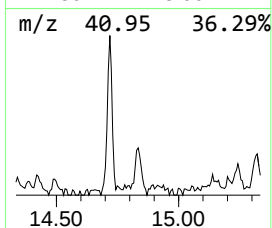
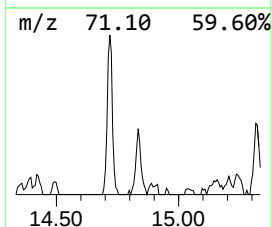
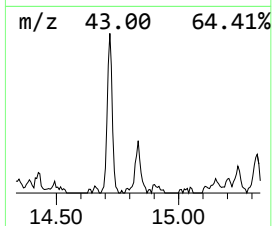
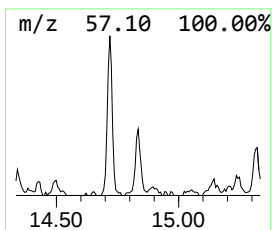
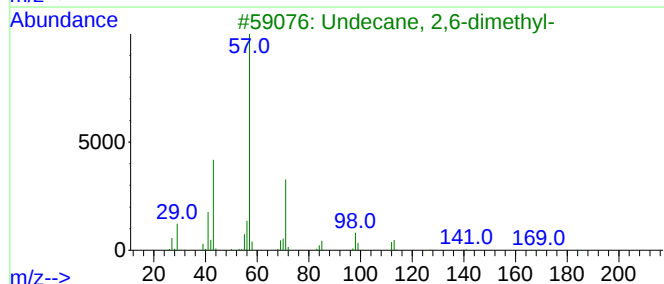
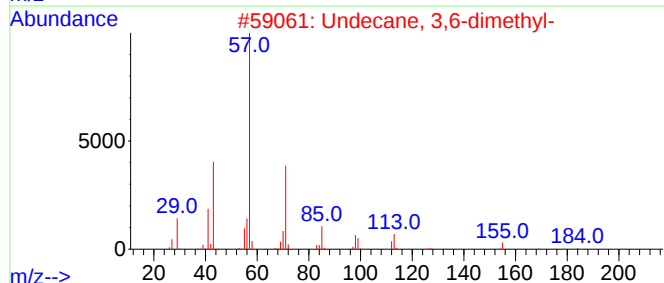
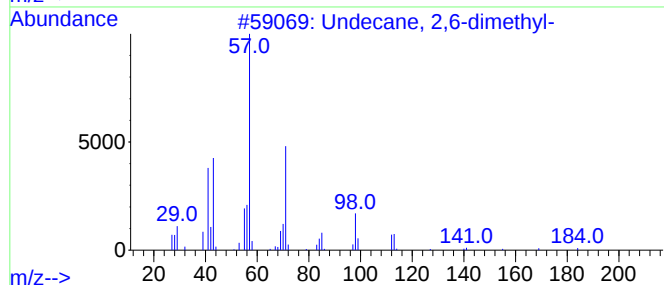
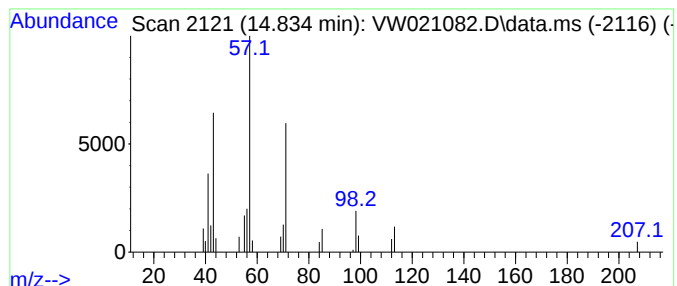
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	7.73 ug/L	9263	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	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

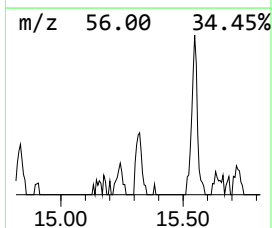
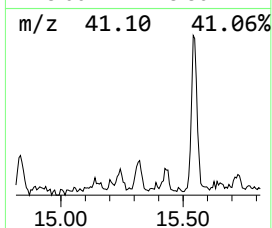
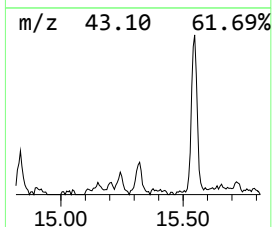
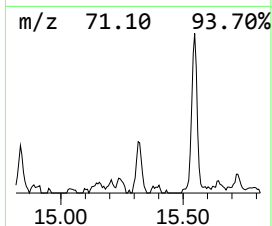
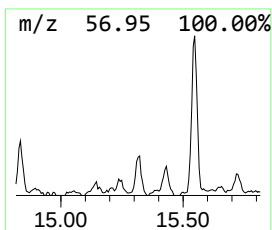
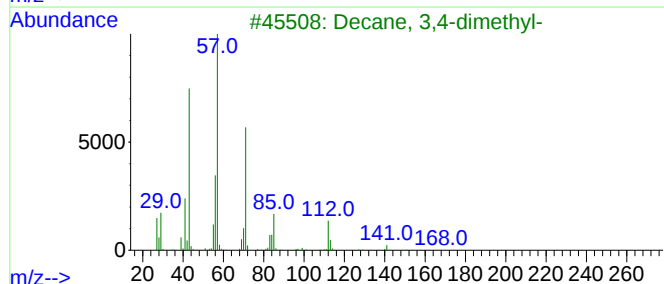
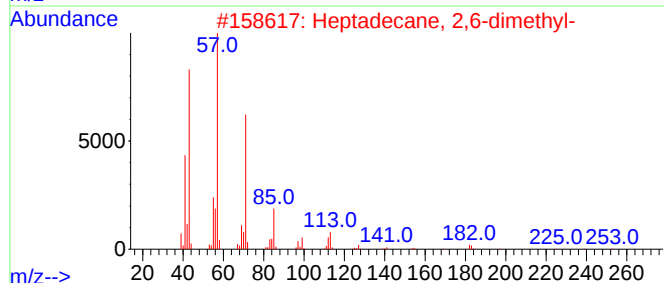
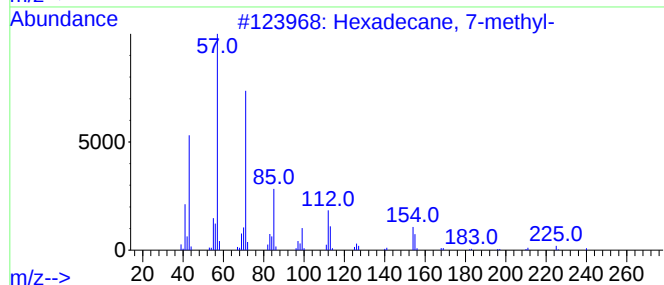
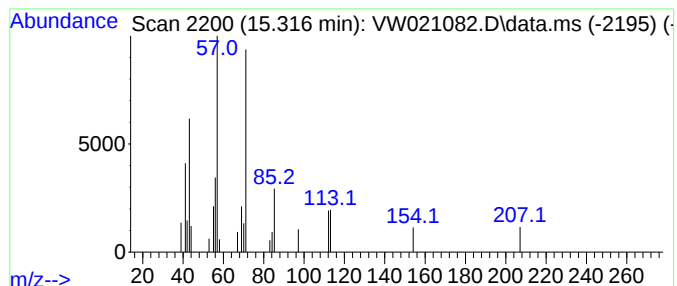
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	7.47 ug/L	8949	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
3		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	64
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

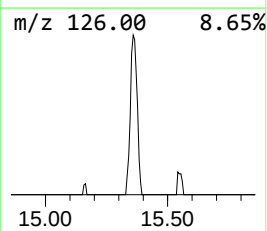
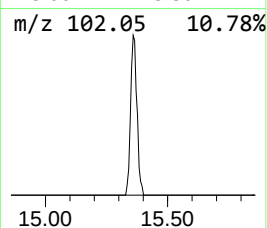
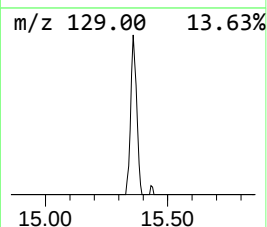
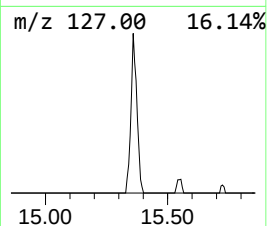
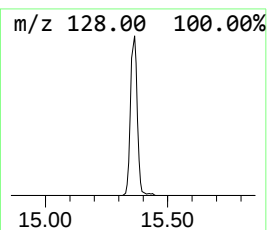
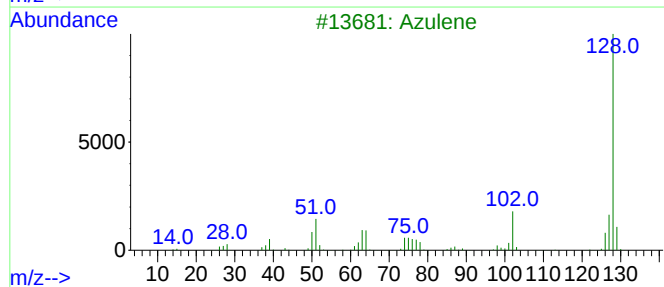
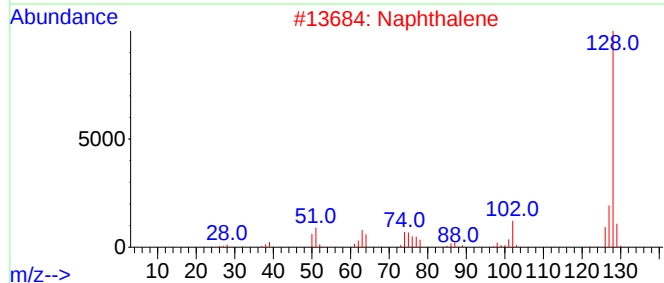
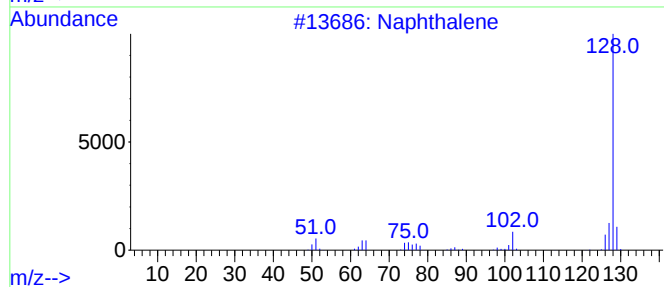
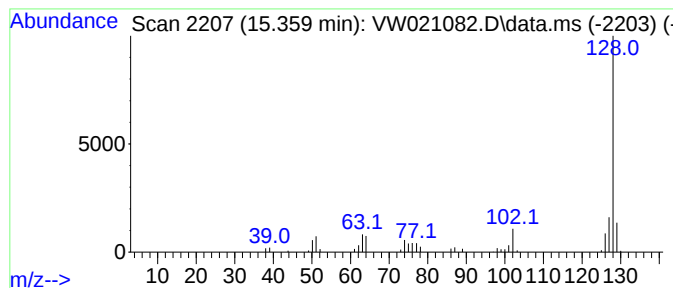
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Quant Title : SFAM01.0

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

Peak Number 20 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	36.00 ug/L	43145	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	93
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

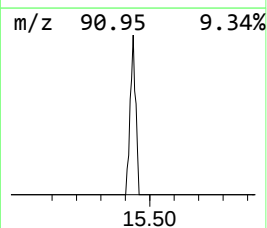
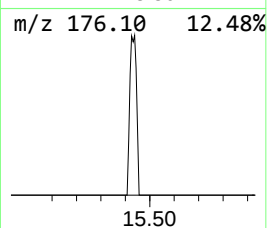
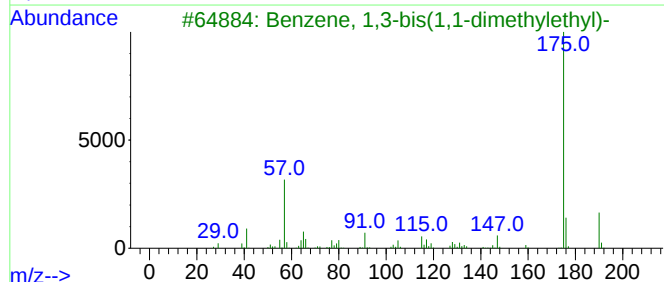
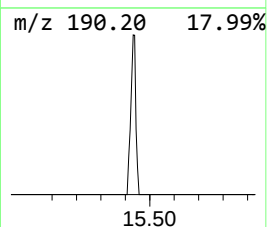
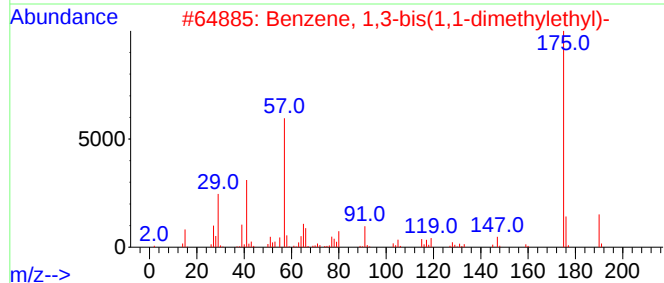
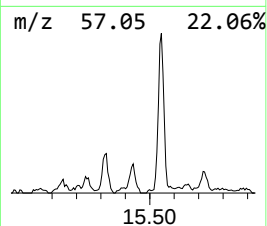
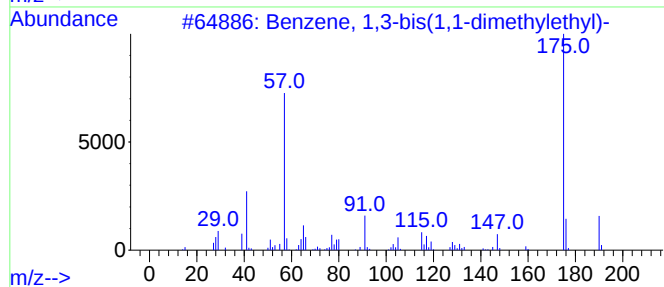
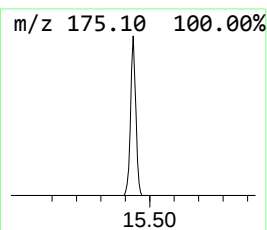
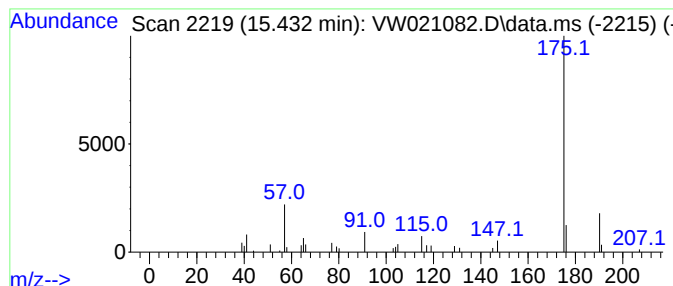
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	9.17 ug/L	10986	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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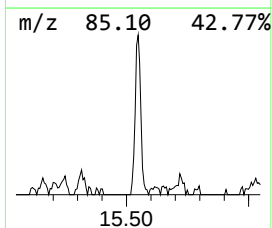
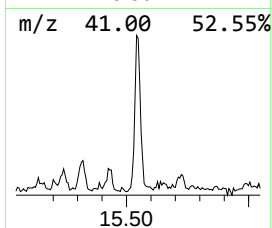
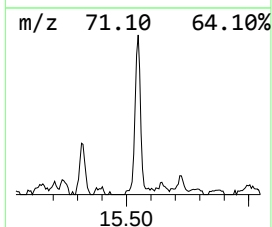
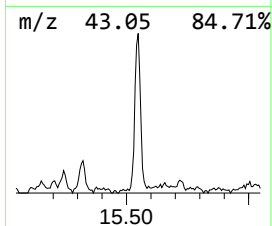
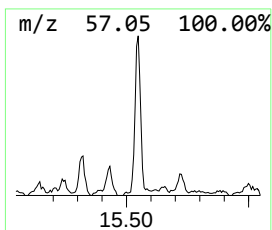
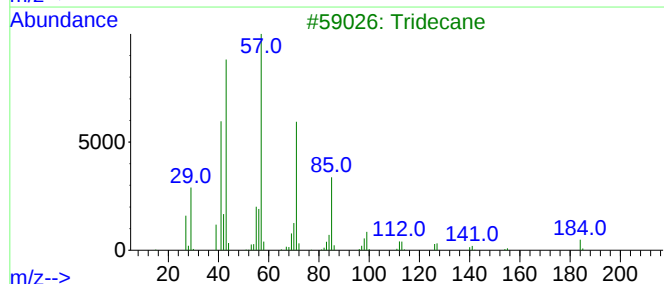
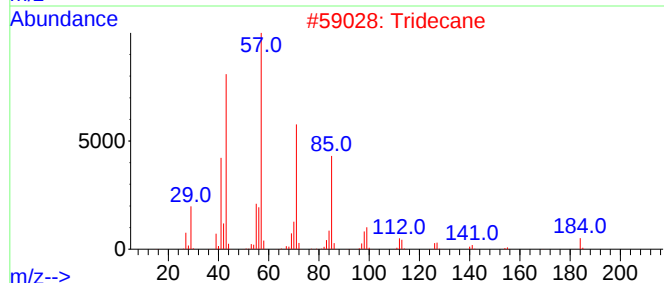
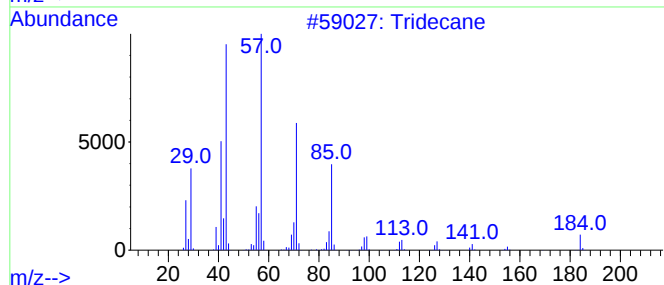
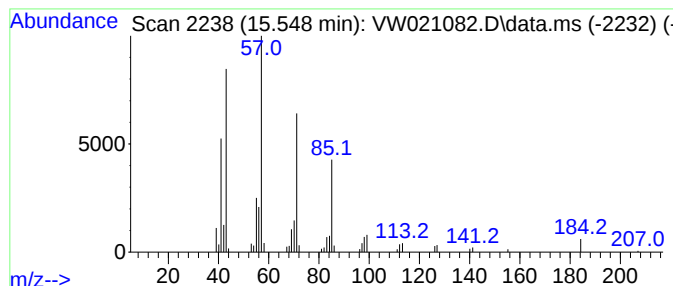
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	30.09 ug/L	36068	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	96
3		Tridecane	184	C13H28	000629-50-5	95
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

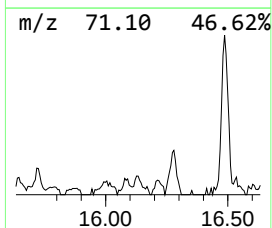
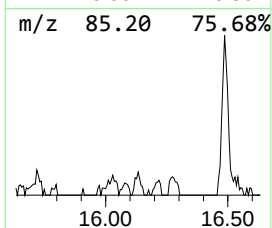
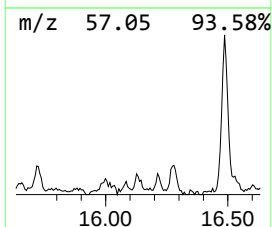
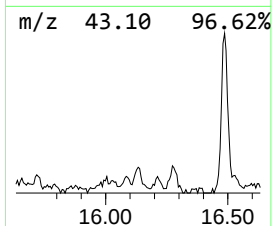
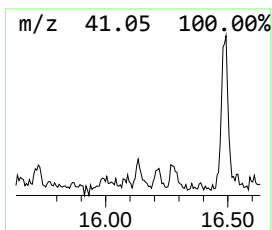
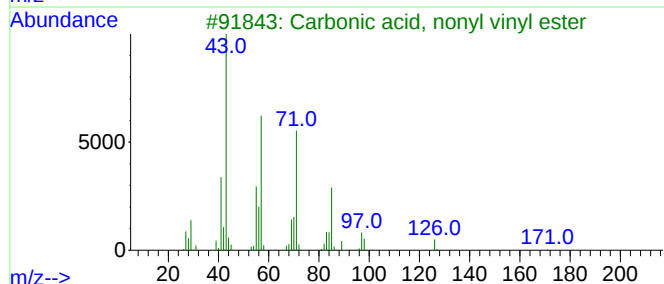
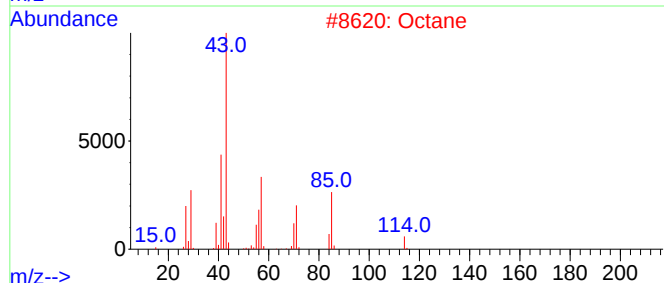
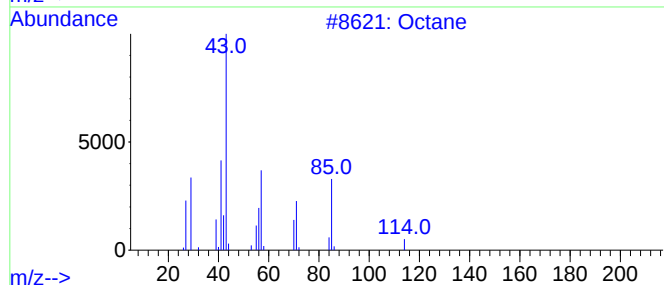
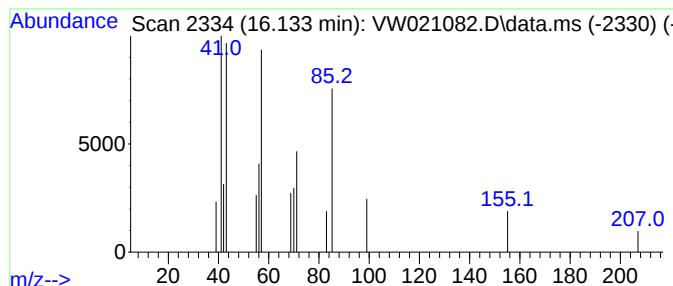
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	3.36 ug/L	4029	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	59
2			Octane	114	C8H18	000111-65-9	59
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	50
4			Hexadecane	226	C16H34	000544-76-3	50
5			Ether, heptyl hexyl	200	C13H28O	007289-40-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

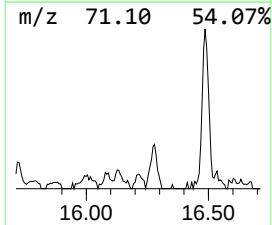
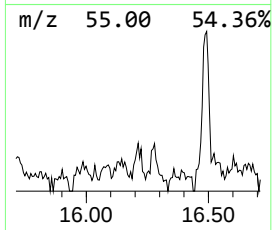
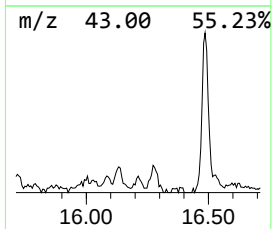
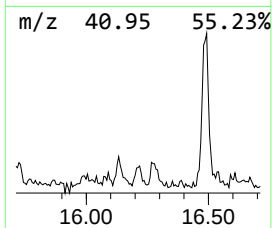
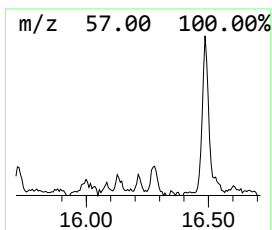
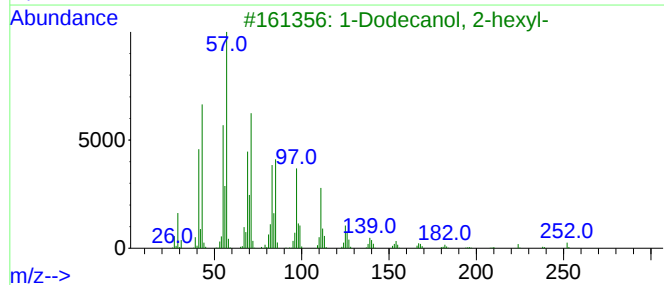
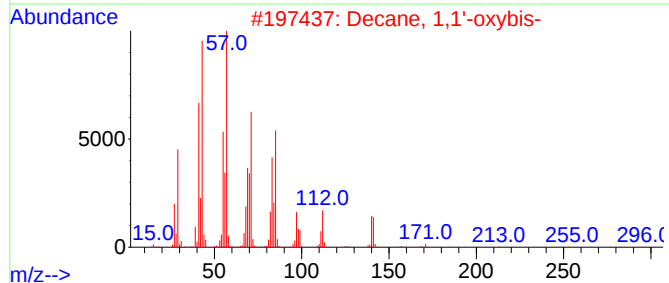
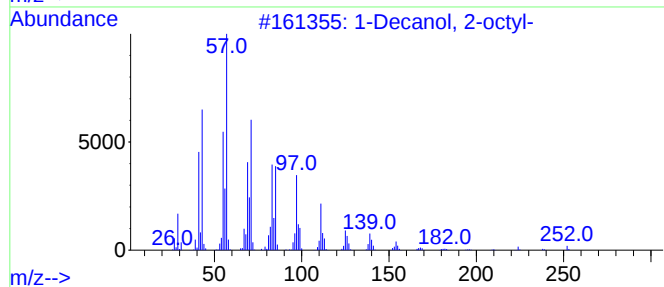
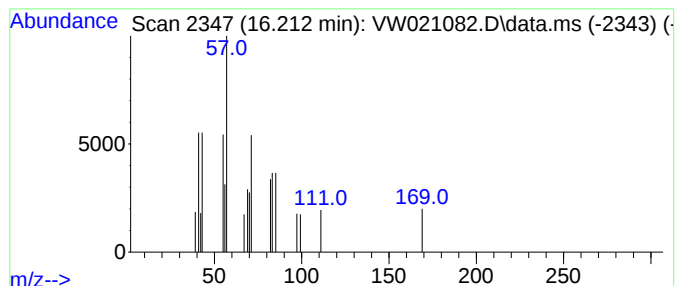
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Quant Title : SFAM01.0

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

Peak Number 25 1-Decanol, 2-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	2.91 ug/L	3491	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	59
2		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	53
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

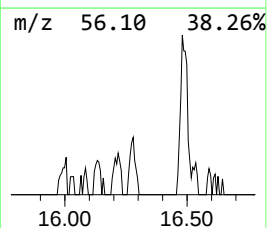
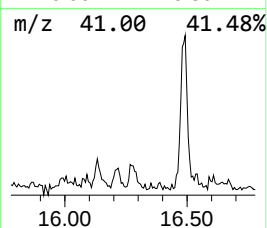
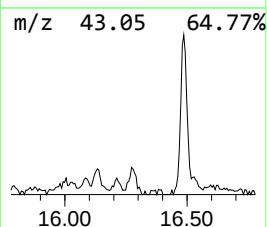
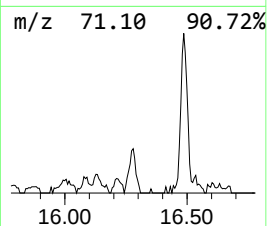
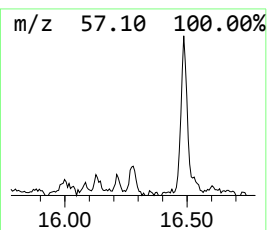
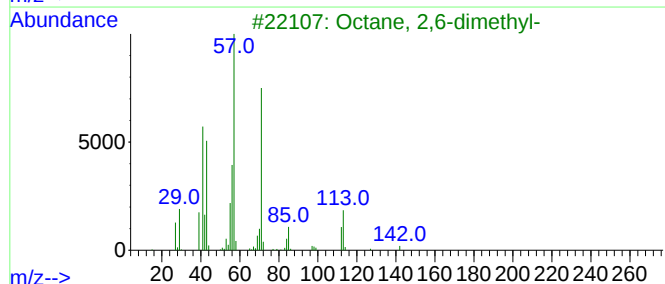
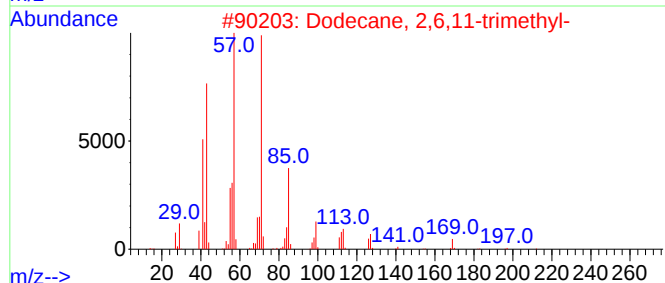
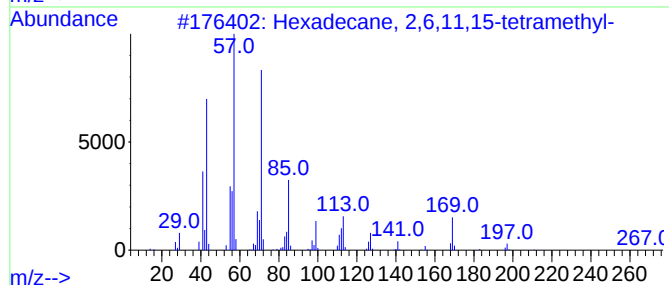
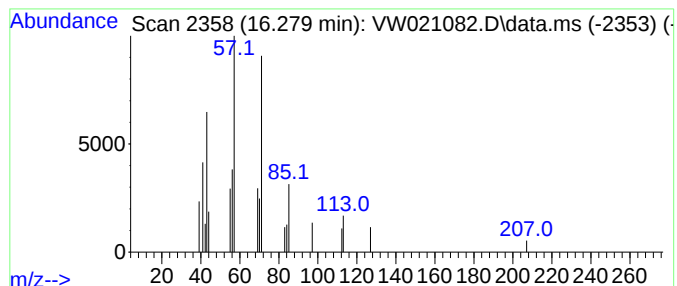
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	4.98 ug/L	5970	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

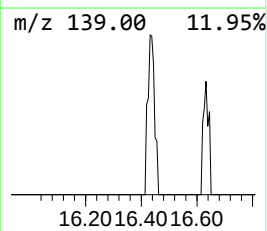
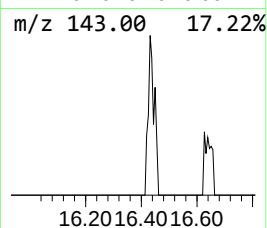
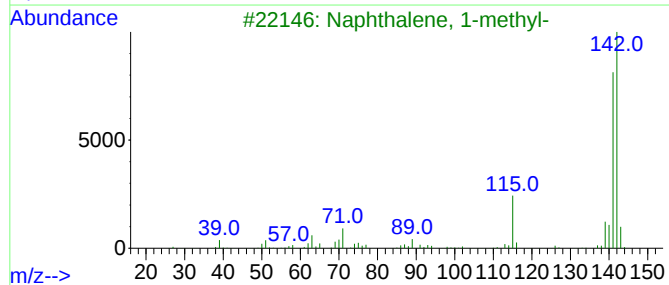
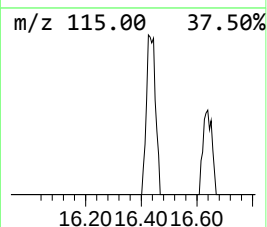
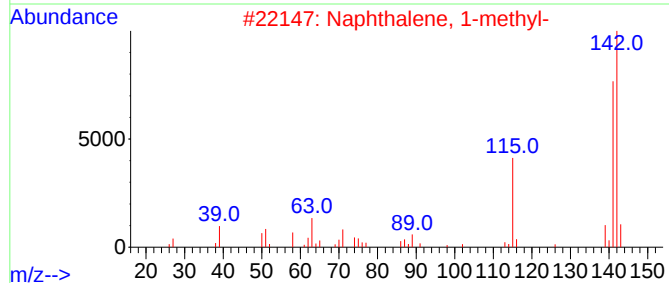
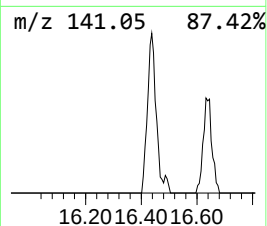
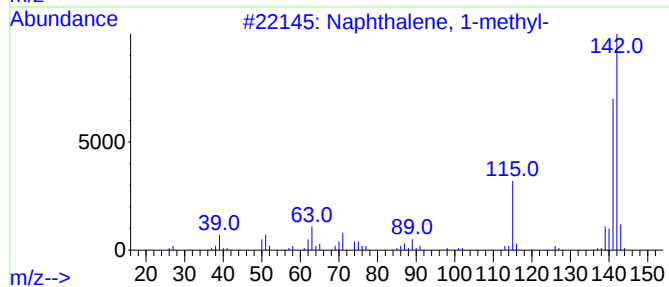
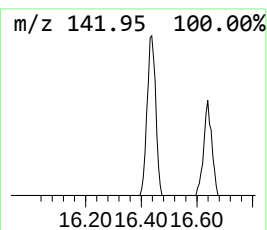
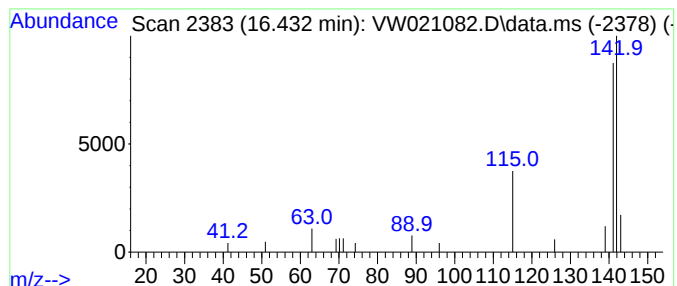
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	6.23 ug/L	7469	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
5			Benzocycloheptatriene	142	C11H10	000264-09-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021082.D
Acq On : 03 Dec 2021 22:28
Operator : SY/VA
Sample : M4883-04
Misc : 4.55g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G0

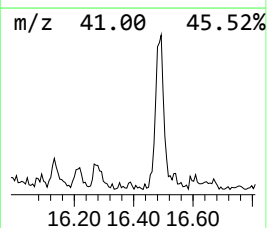
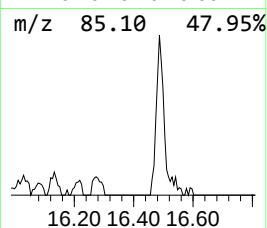
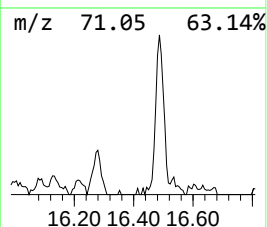
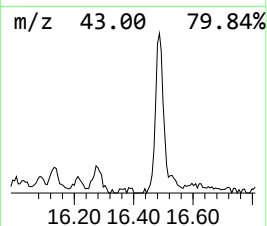
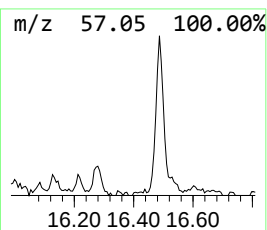
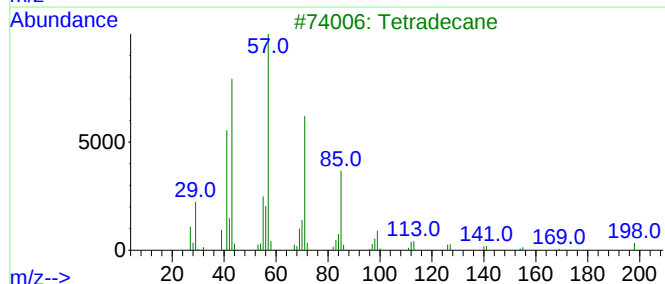
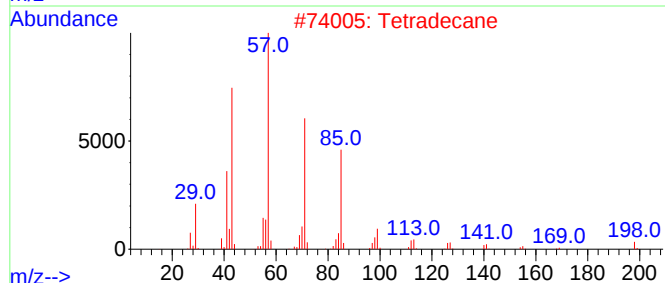
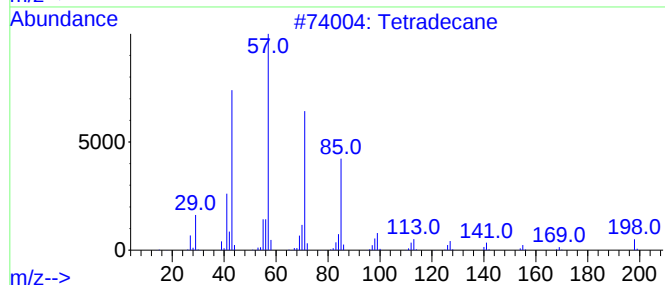
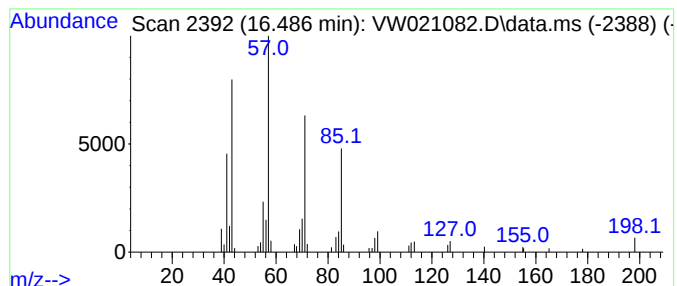
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	22.99 ug/L	27554	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tetradecane	198	C14H30	000629-59-4	96
3		Tetradecane	198	C14H30	000629-59-4	93
4		Tridecane	184	C13H28	000629-50-5	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021082.D
 Acq On : 03 Dec 2021 22:28
 Operator : SY/VA
 Sample : M4883-04
 Misc : 4.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.926	6.3	ug/L	7606	3	13.554	29963	25.0
3-Bromooctane	13.164	1.7	ug/L	2071	3	13.554	29963	25.0
unknown-01	13.932	1.7	ug/L	2010	3	13.554	29963	25.0
(DEL) Alkane: S...	14.127	1.6	ug/L	1921	3	13.554	29963	25.0
unknown-02	14.341	2.4	ug/L	2891	3	13.554	29963	25.0
unknown-03	14.389	1.5	ug/L	1781	3	13.554	29963	25.0
(DEL) Alkane: S...	14.426	1.8	ug/L	2168	3	13.554	29963	25.0
(DEL) Alkane: S...	14.493	1.7	ug/L	2055	3	13.554	29963	25.0
(DEL) Alkane: S...	14.719	23.7	ug/L	28420	3	13.554	29963	25.0
(DEL) Alkane: S...	14.834	7.7	ug/L	9263	3	13.554	29963	25.0
(DEL) Alkane: S...	15.316	7.5	ug/L	8949	3	13.554	29963	25.0
Azulene	15.359	36.0	ug/L	43145	3	13.554	29963	25.0
Benzene, 1,3-bi...	15.432	9.2	ug/L	10986	3	13.554	29963	25.0
(DEL) Alkane: S...	15.548	30.1	ug/L	36068	3	13.554	29963	25.0
(DEL) Alkane: S...	16.133	3.4	ug/L	4029	3	13.554	29963	25.0
1-Decanol, 2-oc...	16.212	2.9	ug/L	3491	3	13.554	29963	25.0
(DEL) Alkane: S...	16.279	5.0	ug/L	5970	3	13.554	29963	25.0
Naphthalene, 1-...	16.432	6.2	ug/L	7469	3	13.554	29963	25.0
(DEL) Alkane: S...	16.486	23.0	ug/L	27554	3	13.554	29963	25.0