

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018823.D
 Acq On : 28 Apr 2021 16:19
 Operator : SY/VA
 Sample : M2177-09
 Misc : 3.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG515

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\SFAMWLM041421SMA.M

Title : SFAM01.0

Signal : TIC: VW018823.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	11	14	36	rVB	30277	86780	3.84%	0.265%
2	2.154	36	41	49	rBV	20889	51398	2.27%	0.157%
3	2.355	65	74	86	rVB	52654	114475	5.07%	0.349%
4	2.507	94	99	106	rBV	6080	12996	0.58%	0.040%
5	2.891	154	162	179	rVB	58309	152441	6.75%	0.465%
6	3.300	226	229	230	rBV3	600	785	0.03%	0.002%
7	3.312	230	231	237	rVB4	910	884	0.04%	0.003%
8	3.391	239	244	253	rVB4	2401	5538	0.25%	0.017%
9	3.593	274	277	278	rBV2	546	585	0.03%	0.002%
10	3.672	289	290	297	rVB3	516	801	0.04%	0.002%
11	3.830	313	316	317	rBV	436	590	0.03%	0.002%
12	3.855	317	320	324	rVB3	725	1001	0.04%	0.003%
13	4.025	334	348	359	rBV2	98837	316419	14.00%	0.965%
14	4.129	359	365	376	rVB	38270	104024	4.60%	0.317%
15	4.391	399	408	413	rBV2	14189	46322	2.05%	0.141%
16	4.672	449	454	456	rVB3	377	682	0.03%	0.002%
17	4.922	483	495	516	rBV3	43798	163024	7.22%	0.497%
18	5.159	532	534	536	rBV2	394	516	0.02%	0.002%
19	5.184	536	538	539	rBV	867	607	0.03%	0.002%
20	5.428	571	578	579	rBV3	1346	2463	0.11%	0.008%
21	5.440	579	580	587	rVV3	1442	2056	0.09%	0.006%
22	5.763	625	633	634	rBV3	1448	2278	0.10%	0.007%
23	5.775	634	635	636	rVV	2246	1589	0.07%	0.005%
24	5.793	636	638	645	rVV3	2730	5086	0.23%	0.016%
25	5.946	649	663	672	rVV3	12889	40456	1.79%	0.123%
26	6.104	685	689	692	rBV3	573	846	0.04%	0.003%
27	6.299	718	721	722	rBV3	446	625	0.03%	0.002%
28	6.440	740	744	749	rVB4	492	830	0.04%	0.003%
29	6.604	768	771	774	rVB4	435	534	0.02%	0.002%
30	6.690	781	785	788	rBV5	438	760	0.03%	0.002%
31	6.714	788	789	794	rVB5	523	675	0.03%	0.002%
32	6.879	808	816	817	rBV5	1677	2958	0.13%	0.009%
33	6.988	829	834	840	rVB7	2056	4795	0.21%	0.015%
34	7.080	840	849	855	rBV	62990	173136	7.66%	0.528%
35	7.397	899	901	903	rBV3	620	573	0.03%	0.002%
36	7.531	917	923	926	rBV6	1792	3753	0.17%	0.011%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	7.647	933	942	956	rBV	250339	617387	27.32%	1.882%
38	7.805	965	968	970	rBV4	1195	1296	0.06%	0.004%
39	7.842	971	974	976	rVB4	793	642	0.03%	0.002%
40	7.952	986	992	1000	rVV10	5435	14411	0.64%	0.044%
41	8.031	1000	1005	1016	rVB8	3834	10097	0.45%	0.031%
42	8.159	1020	1026	1032	rVB8	4665	10674	0.47%	0.033%
43	8.281	1032	1046	1063	rBV2	426823	1434794	63.50%	4.374%
44	8.476	1074	1078	1088	rVB3	6653	18979	0.84%	0.058%
45	8.573	1091	1094	1101	rVB8	3843	7177	0.32%	0.022%
46	8.695	1112	1114	1116	rBV3	1676	1087	0.05%	0.003%
47	8.842	1130	1138	1152	rBV	567336	1148334	50.82%	3.501%
48	9.067	1172	1175	1177	rBV3	8557	11703	0.52%	0.036%
49	9.274	1201	1209	1216	rBV	331429	698959	30.94%	2.131%
50	9.756	1283	1288	1293	rBV3	13818	26694	1.18%	0.081%
51	9.896	1306	1311	1316	rBV3	18739	34135	1.51%	0.104%
52	10.037	1328	1334	1346	rBV	161608	299974	13.28%	0.914%
53	10.213	1359	1363	1364	rBV4	9240	11875	0.53%	0.036%
54	10.323	1374	1381	1389	rBV	513222	925349	40.95%	2.821%
55	10.579	1418	1423	1432	rVB	108304	189629	8.39%	0.578%
56	10.707	1439	1444	1449	rVB2	48928	84145	3.72%	0.257%
57	10.927	1474	1480	1489	rBV2	274932	505186	22.36%	1.540%
58	11.177	1519	1521	1525	rVB	17801	18930	0.84%	0.058%
59	11.231	1526	1530	1536	rVB	44798	72043	3.19%	0.220%
60	11.341	1544	1548	1551	rBV2	36470	51690	2.29%	0.158%
61	11.439	1560	1564	1570	rBV4	82681	172707	7.64%	0.526%
62	11.634	1590	1596	1604	rVB	704108	1233023	54.57%	3.759%
63	11.823	1623	1627	1631	rBV3	34379	61879	2.74%	0.189%
64	11.872	1631	1635	1640	rBV	84623	136679	6.05%	0.417%
65	11.975	1650	1652	1653	rBV2	22703	18216	0.81%	0.056%
66	12.134	1673	1678	1685	rBV4	101512	289431	12.81%	0.882%
67	12.250	1693	1697	1702	rVB	358485	531791	23.54%	1.621%
68	12.365	1702	1716	1723	rBV4	286204	1069261	47.32%	3.260%
69	12.499	1736	1738	1746	rVB5	184038	312351	13.82%	0.952%
70	12.615	1749	1757	1761	rBV4	167386	484378	21.44%	1.477%
71	12.695	1764	1770	1776	rVV2	399944	771520	34.15%	2.352%
72	12.780	1781	1784	1790	rVB2	253227	436160	19.30%	1.330%
73	12.859	1790	1797	1801	rBV4	215961	509624	22.56%	1.554%
74	12.938	1803	1810	1816	rBV5	356913	967534	42.82%	2.949%
75	13.079	1829	1833	1836	rBV2	148711	198689	8.79%	0.606%
76	13.188	1847	1851	1859	rVB2	264300	548161	24.26%	1.671%

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 Title : SFAM01.0

77	13.292	1864	1868	1872	rVV	377570	621489	27.51%	1.895%
78	13.341	1873	1876	1880	rVV	301853	482230	21.34%	1.470%
79	13.408	1884	1887	1890	rVV	324318	567823	25.13%	1.731%
80	13.444	1890	1893	1897	rVV2	446600	776112	34.35%	2.366%
81	13.481	1897	1899	1904	rVV5	223302	346483	15.33%	1.056%
82	13.560	1907	1912	1915	rVV	574757	992810	43.94%	3.027%
83	13.597	1915	1918	1928	rVB3	445916	1044593	46.23%	3.184%
84	13.694	1930	1934	1938	rBV4	186778	324773	14.37%	0.990%
85	13.871	1955	1963	1968	rBV2	526407	1679500	74.33%	5.120%
86	13.920	1968	1971	1977	rVV5	324413	687423	30.42%	2.096%
87	13.975	1978	1980	1985	rVB4	246121	366178	16.21%	1.116%
88	14.194	2012	2016	2020	rBV4	239323	408027	18.06%	1.244%
89	14.261	2023	2027	2033	rVV4	316103	533685	23.62%	1.627%
90	14.316	2033	2036	2040	rVB4	105532	143782	6.36%	0.438%
91	14.383	2041	2047	2056	rBV3	641370	1310316	57.99%	3.994%
92	14.493	2062	2065	2068	rBV4	126692	219882	9.73%	0.670%
93	14.737	2101	2105	2109	rBV2	146410	258360	11.43%	0.788%
94	14.792	2111	2114	2119	rVV3	244979	420434	18.61%	1.282%
95	15.060	2155	2158	2163	rVB4	165453	233878	10.35%	0.713%
96	15.261	2184	2191	2196	rVB5	230082	626060	27.71%	1.909%
97	15.322	2196	2201	2208	rBV	1350597	2259430	100.00%	6.888%
98	15.725	2264	2267	2275	rVB6	320081	605728	26.81%	1.847%
99	16.212	2343	2347	2353	rVB3	293995	529359	23.43%	1.614%
100	16.279	2353	2358	2367	rVB	1134094	2125193	94.06%	6.479%

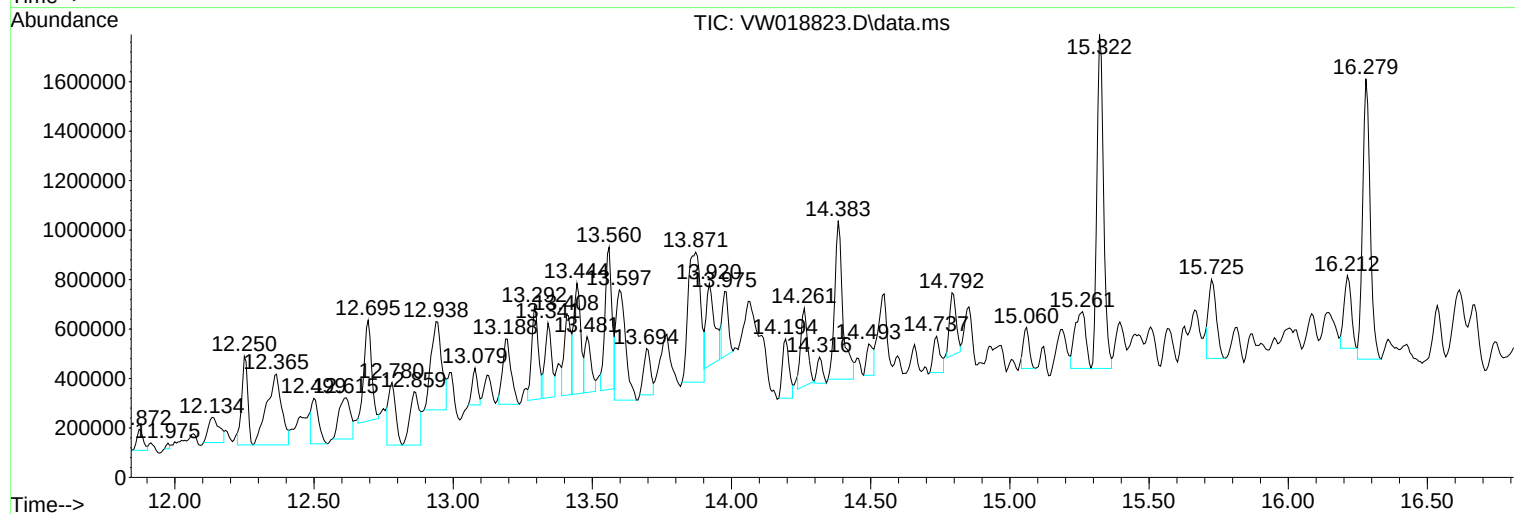
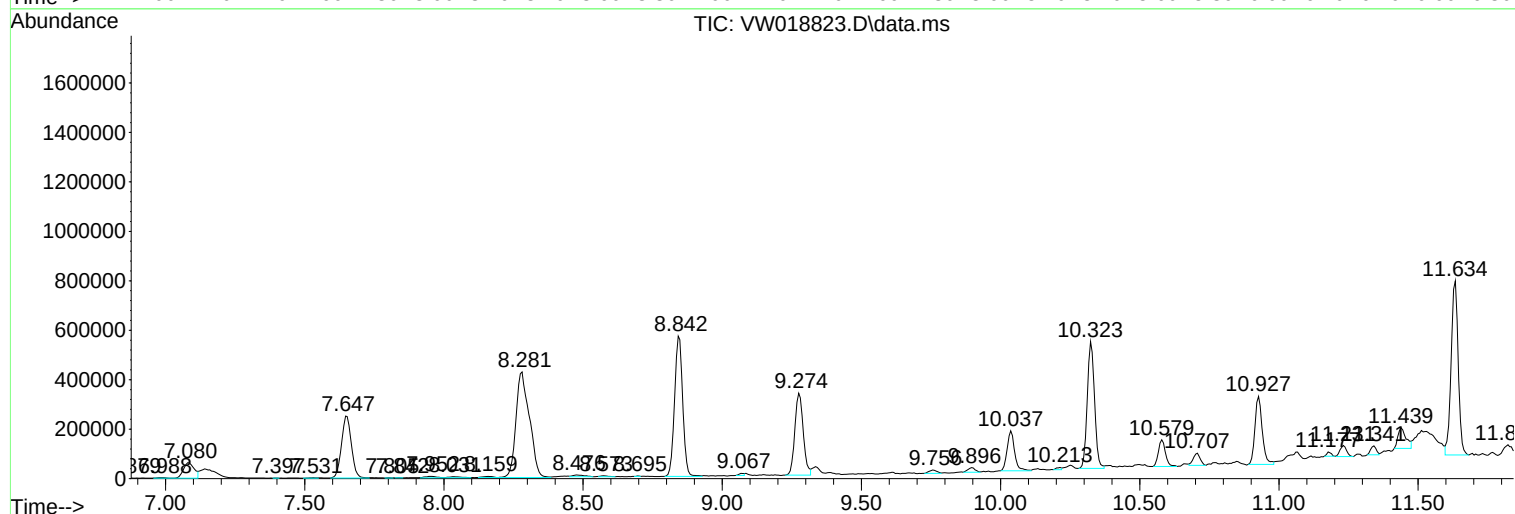
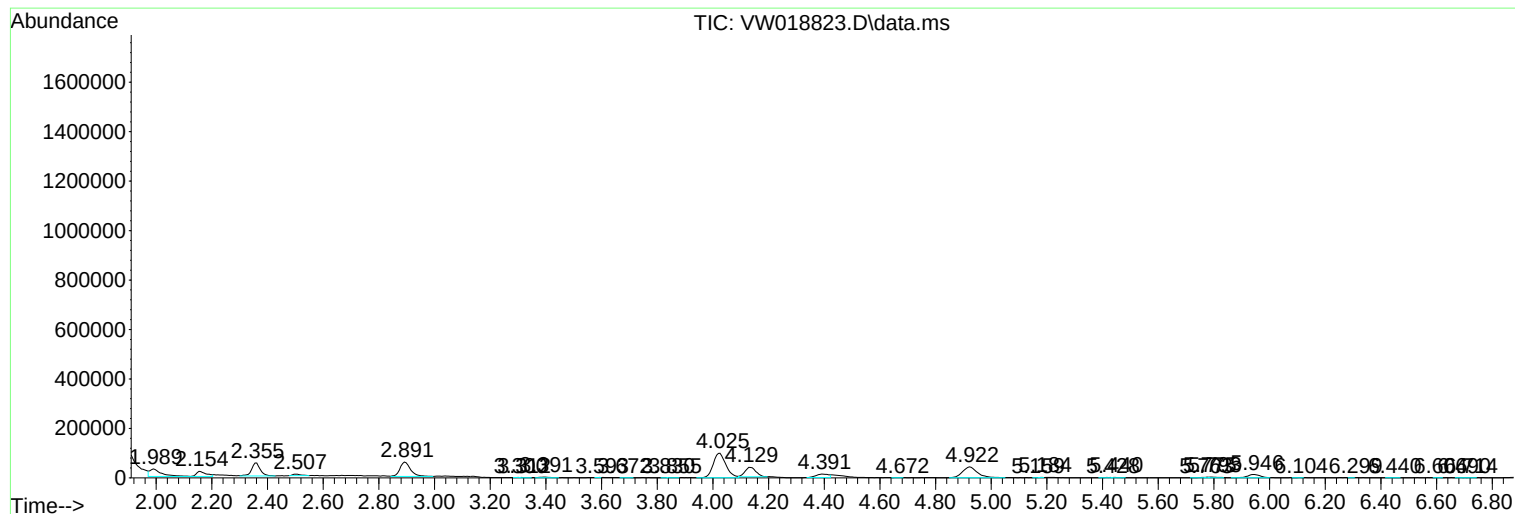
Sum of corrected areas: 32803423

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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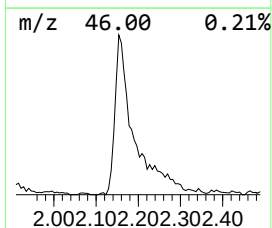
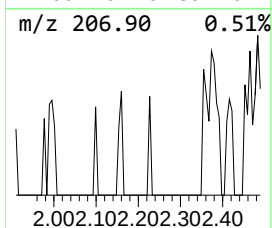
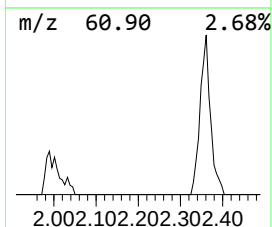
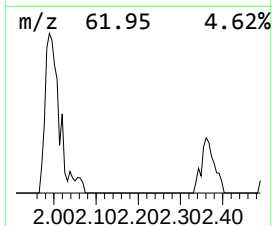
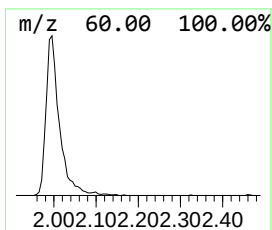
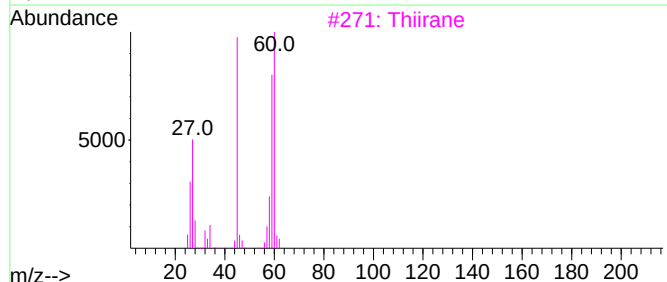
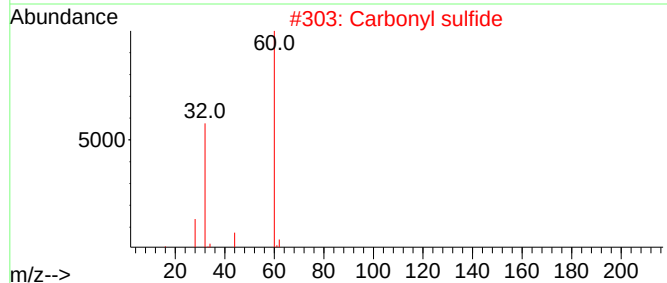
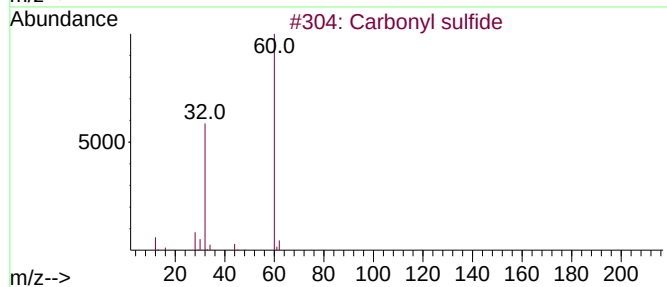
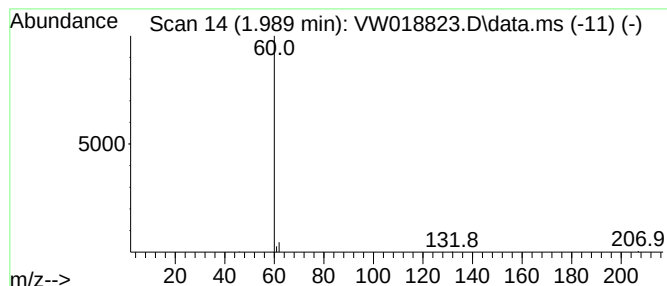
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	1.89 ug/L	86780	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonyl sulfide	60	COS	000463-58-1	5
2			Carbonyl sulfide	60	COS	000463-58-1	5
3			Thiirane	60	C2H4S	000420-12-2	4
4			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
5			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4



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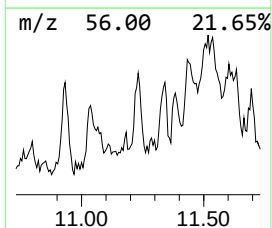
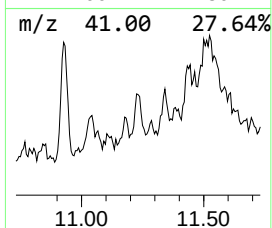
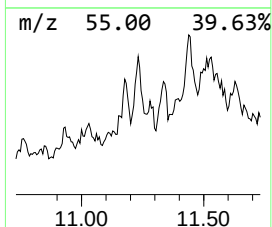
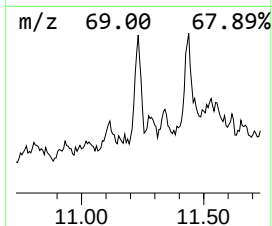
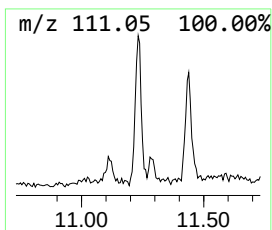
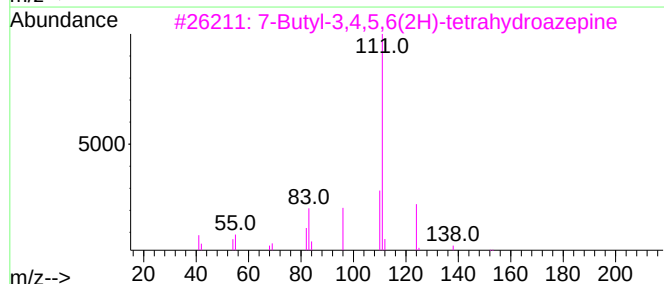
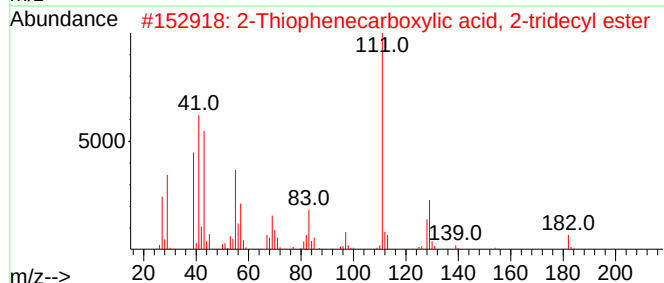
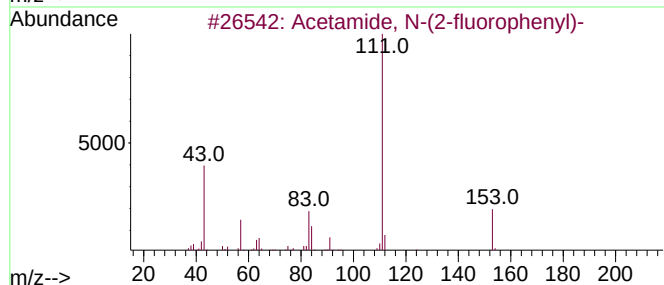
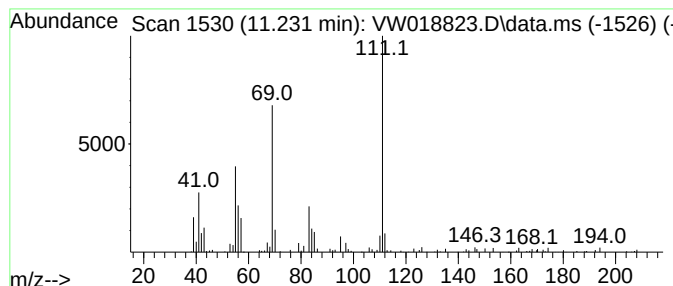
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetamide, N-(2-fluorophenyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	1.46 ug/L	72043	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, N-(2-fluorophenyl)-	153	C8H8FNO	000399-31-5	64
2			2-Thiophenecarboxylic acid, 2-tr...	310	C18H30O2S	1000280-65-9	64
3			7-Butyl-3,4,5,6(2H)-tetrahydroaz...	153	C10H19N	003338-06-5	59
4			2-Thiophenecarboxylic acid, 4-te...	324	C19H32O2S	1000280-66-3	59
5			Acetamide, 2-fluoro-N-phenyl-	153	C8H8FNO	000330-68-7	59



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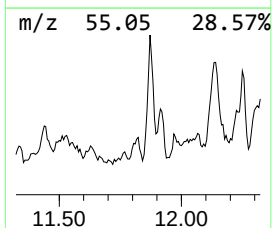
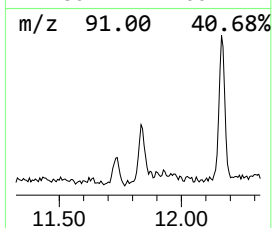
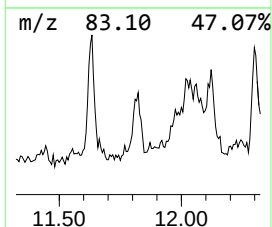
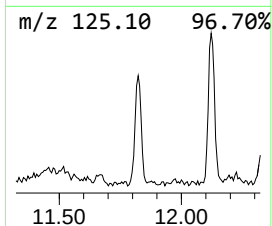
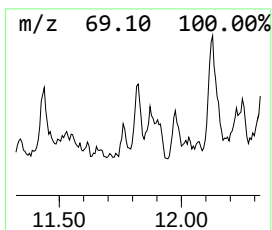
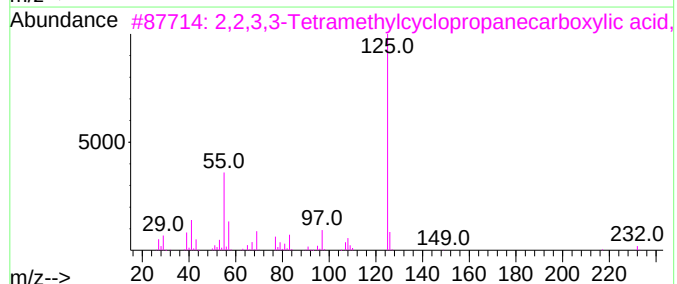
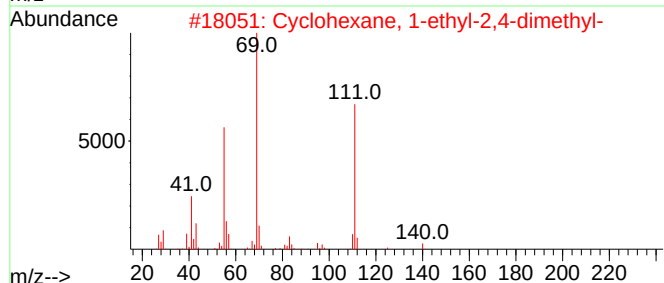
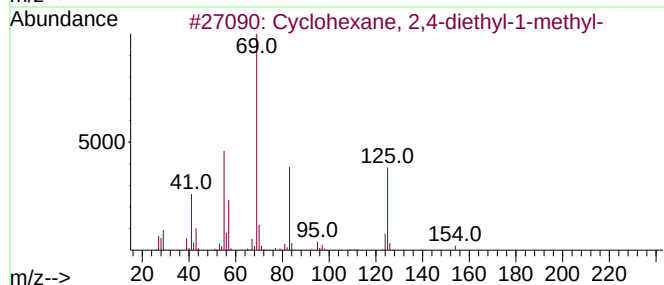
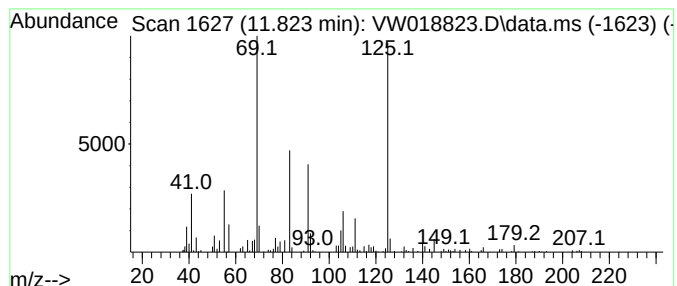
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.823 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.823	1.25 ug/L	61879	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	56
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27
3			2,2,3,3-Tetramethylcyclopropanec...	232	C15H20O2	1000221-98-5	27
4			Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	22
5			Pyridine, 4-methoxy-1-oxide-	125	C6H7NO2	001122-96-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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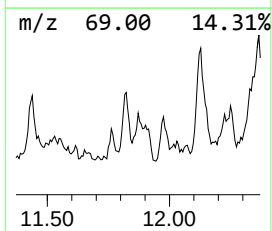
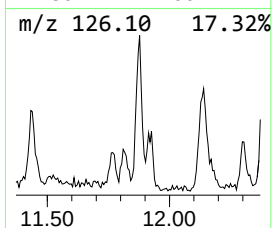
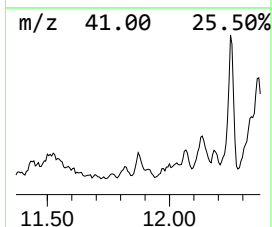
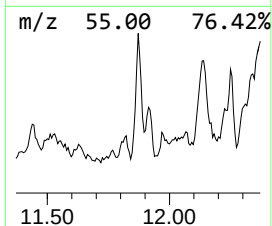
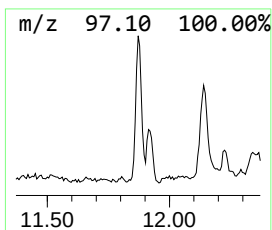
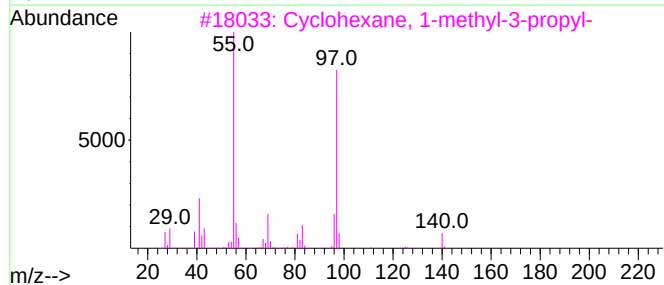
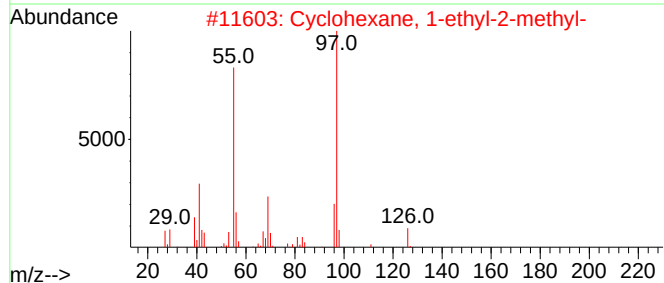
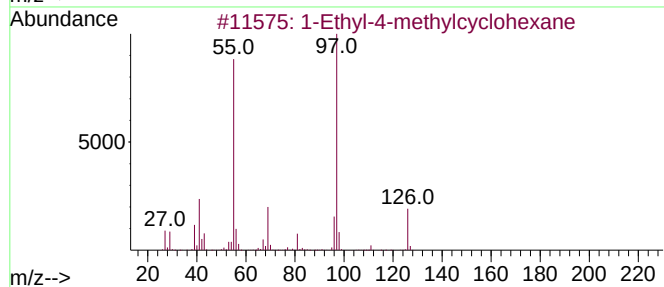
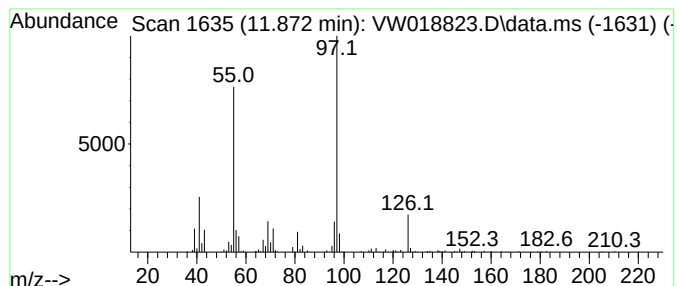
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic11.872 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.872	2.77 ug/L	136679	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	93
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	93
3			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	83
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

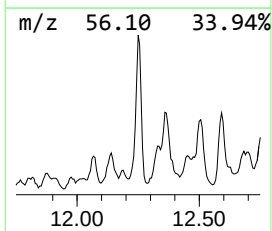
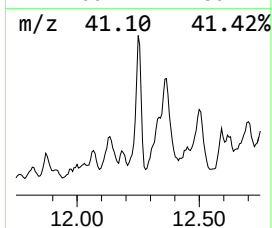
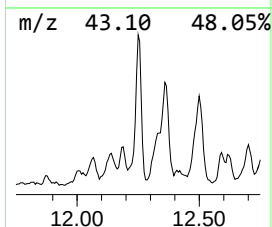
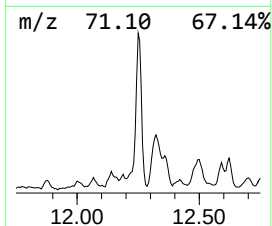
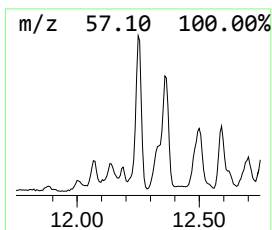
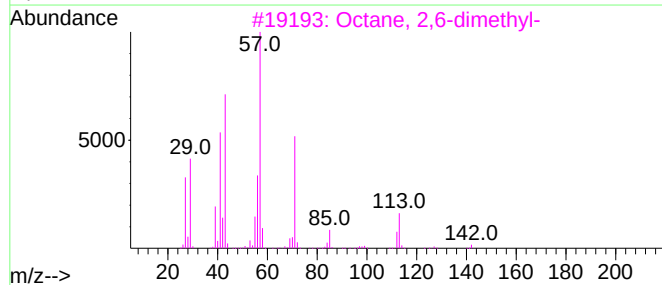
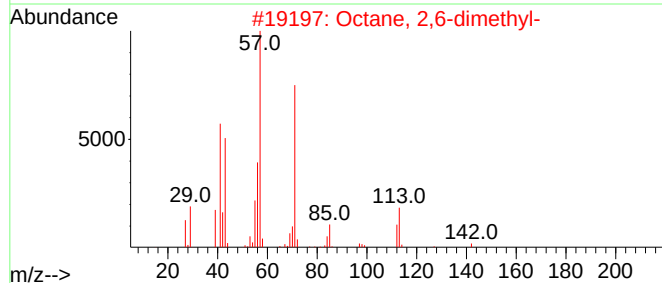
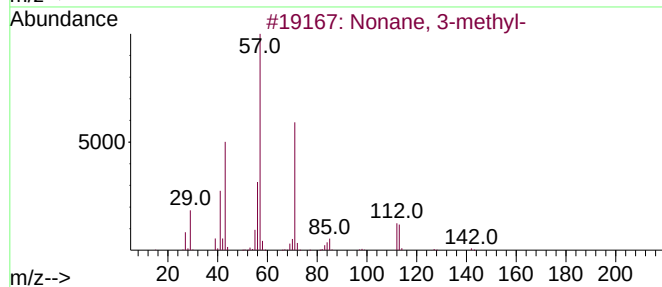
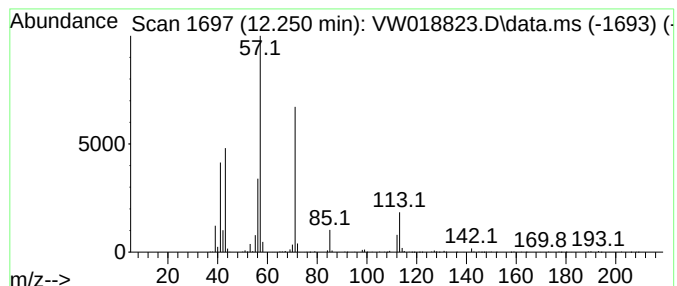
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.249	10.78 ug/L	531791	Chlorobenzene-d5		11.634	
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	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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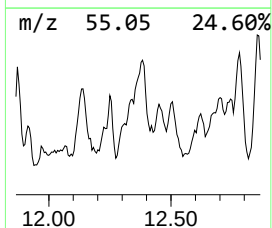
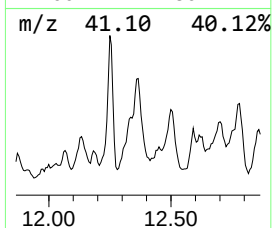
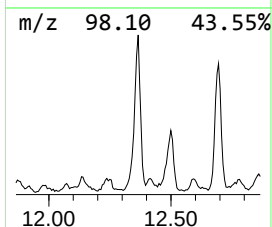
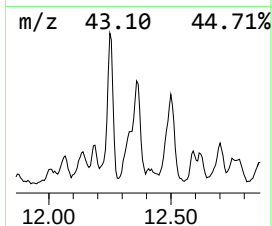
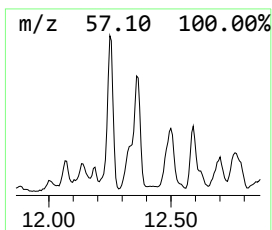
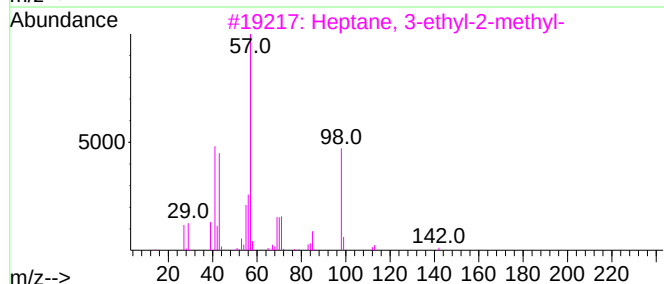
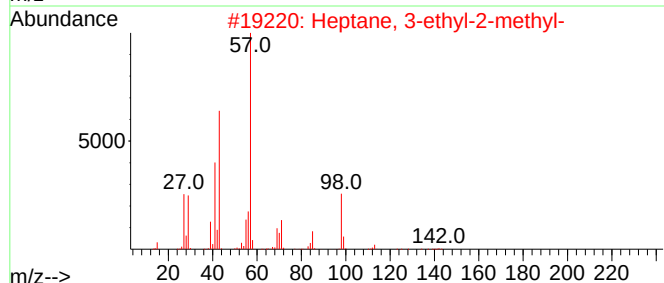
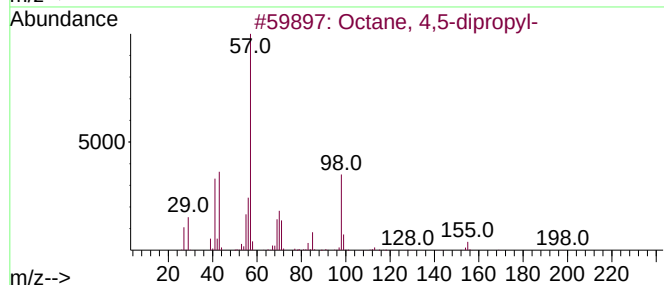
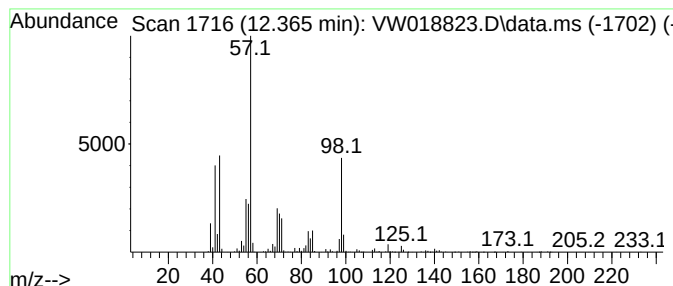
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	21.68 ug/L	1069260	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

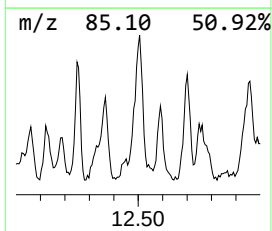
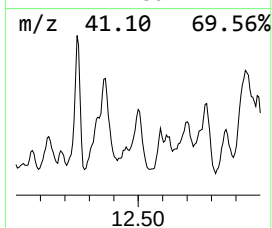
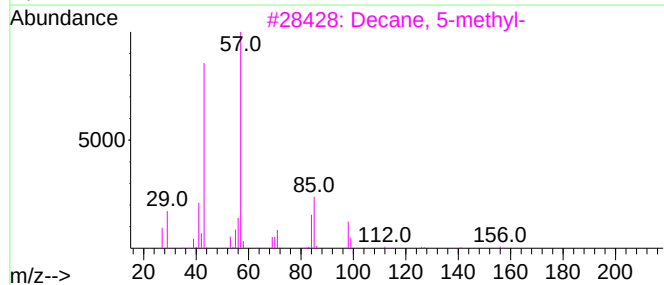
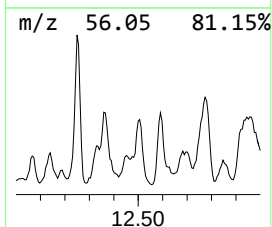
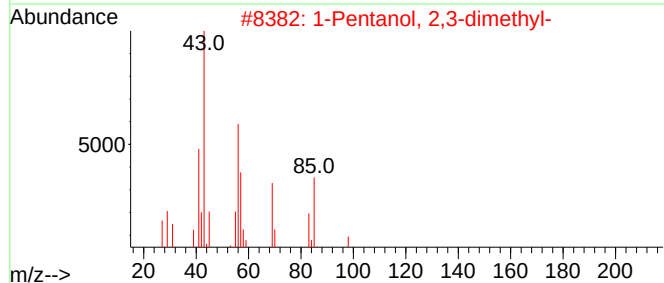
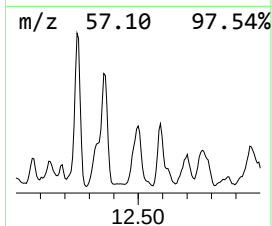
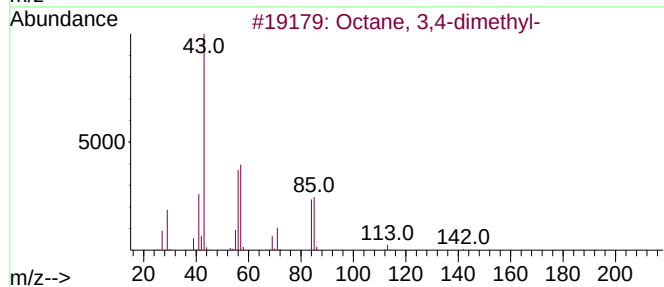
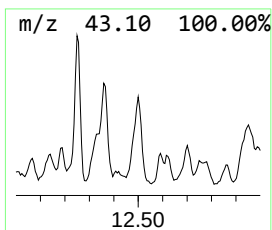
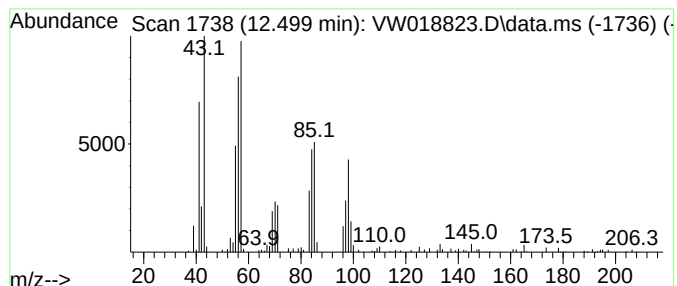
Instrument :
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ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.499	6.33 ug/L	312351	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-		142	C10H22	015869-92-8	47
2	1-Pentanol, 2,3-dimethyl-		116	C7H16O	010143-23-4	43
3	Decane, 5-methyl-		156	C11H24	013151-35-4	35
4	Carbonic acid, isobutyl isohexyl...		202	C11H22O3	1000314-60-3	35
5	Cyclopropane, 1-methyl-2-(3-meth...		140	C10H20	062238-07-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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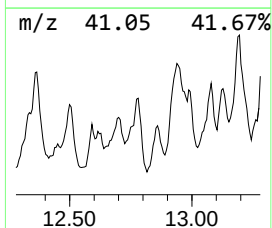
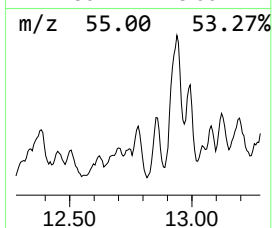
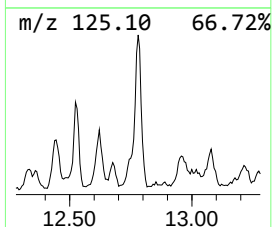
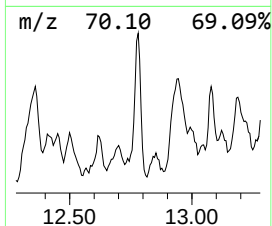
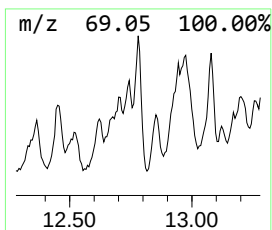
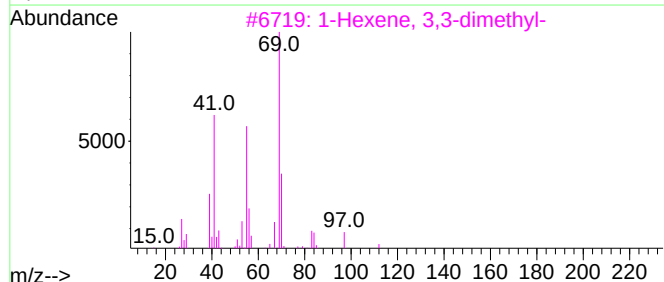
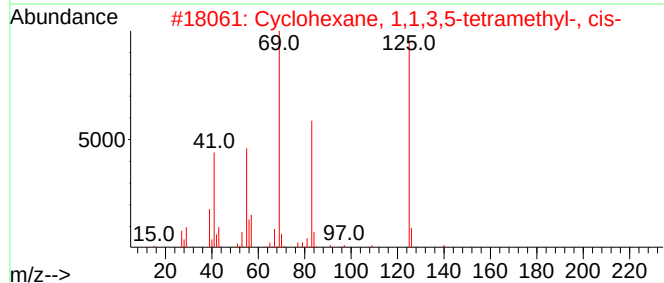
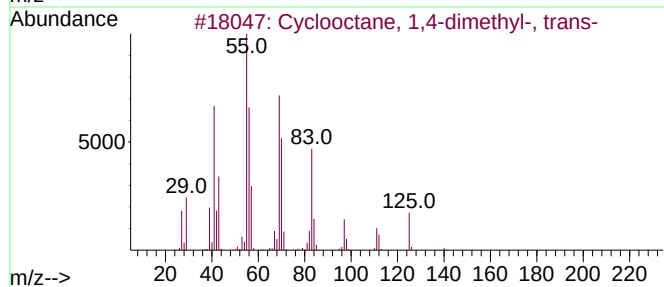
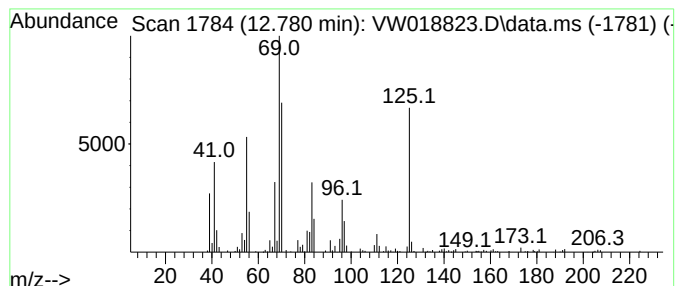
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic12.780 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	10.98 ug/L	436160	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	47
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4		Ketone, vinyl-pyrrolidiny-	125	C7H11NO	042104-70-1	38
5		2-Undecenal	168	C11H20O	002463-77-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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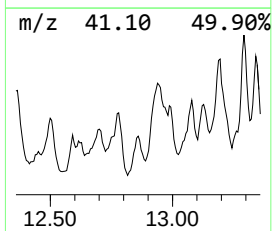
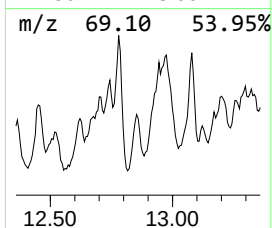
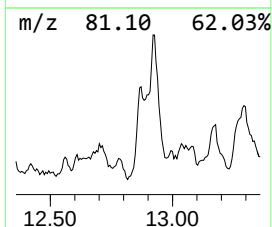
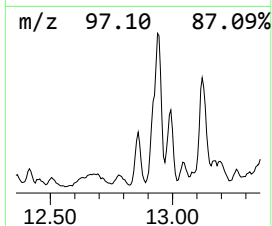
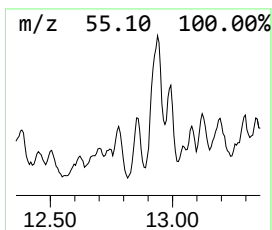
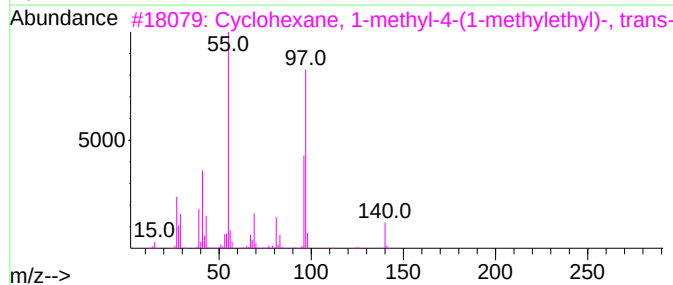
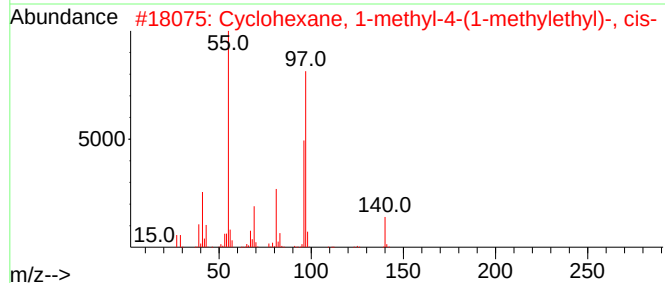
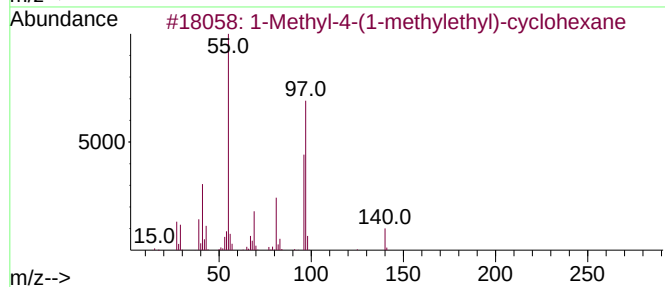
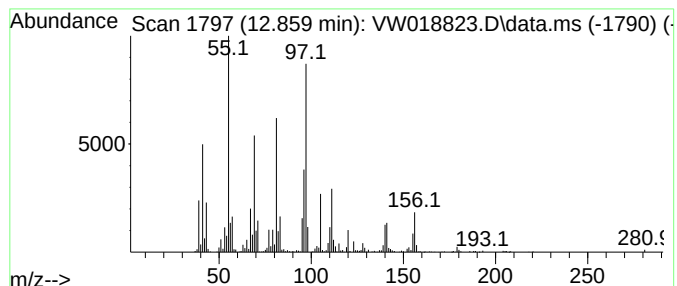
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic12.859 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	12.83 ug/L	509624	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
4			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	47
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

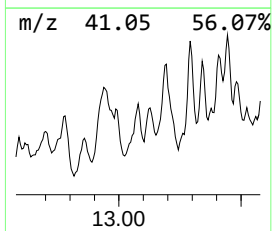
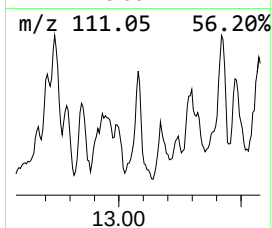
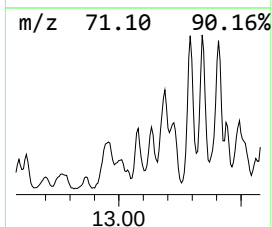
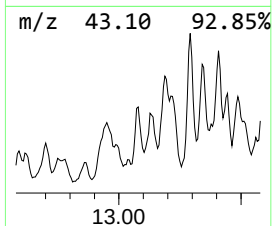
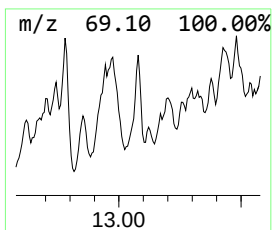
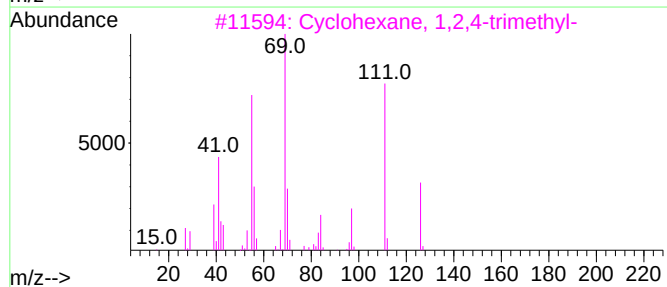
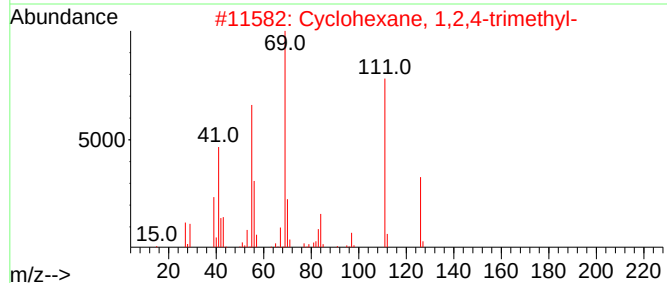
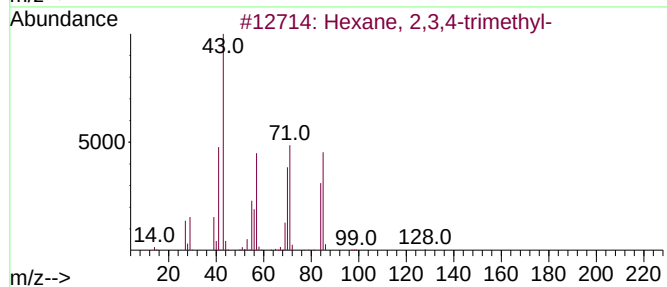
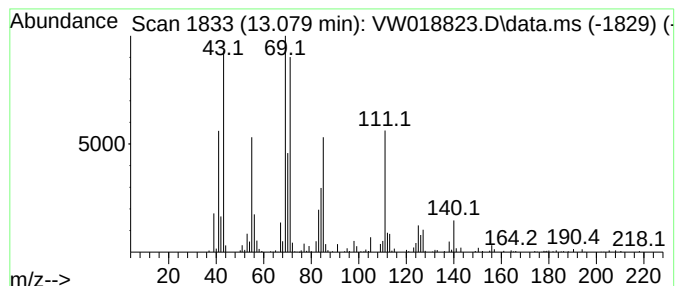
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.079	5.00 ug/L	198689	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	38
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	30
3	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	30
4	Cyclohexane, 1,3,5-trimethyl-		126	C9H18	001839-63-0	30
5	2-Hexene, 4-ethyl-2,3-dimethyl-		140	C10H20	1000149-19-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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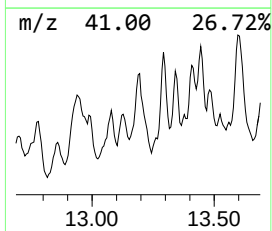
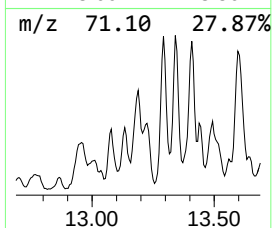
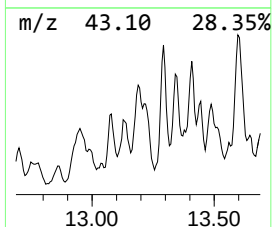
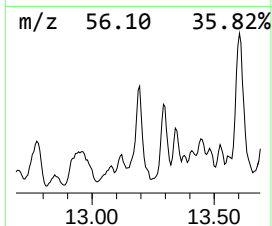
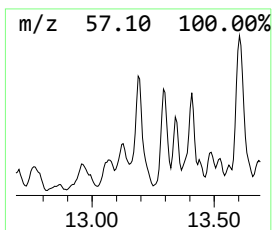
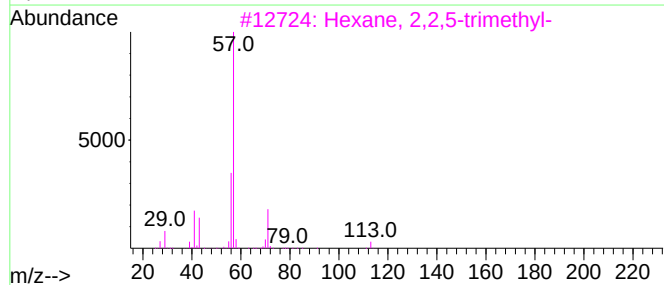
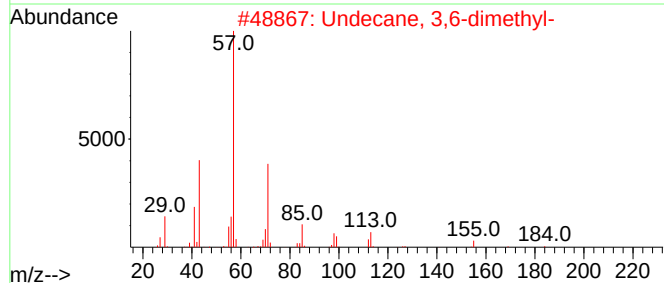
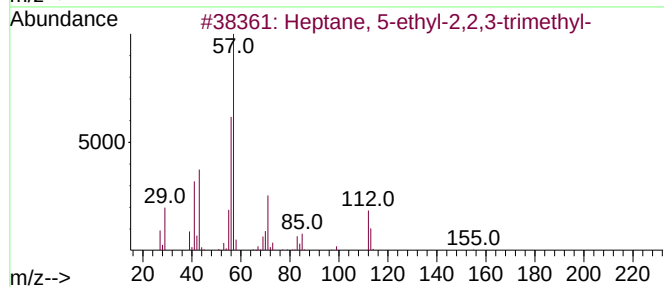
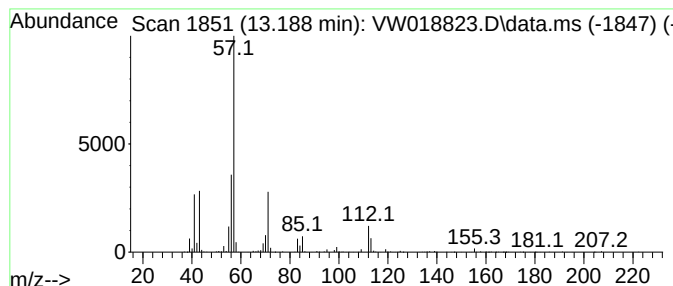
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.188	13.80 ug/L	548161	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	53
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
4		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	47
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

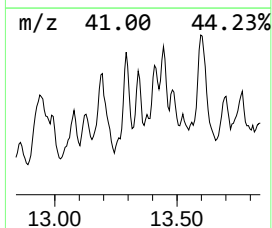
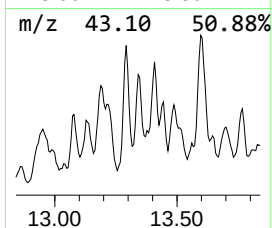
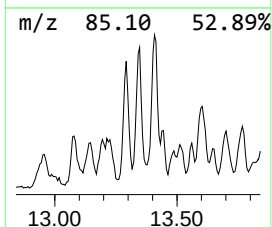
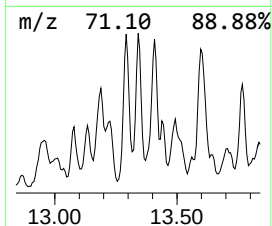
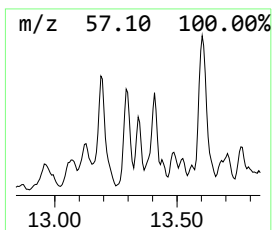
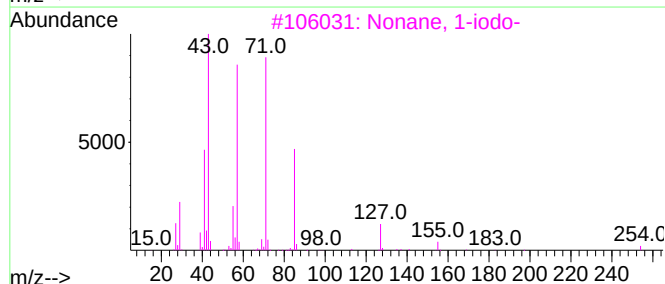
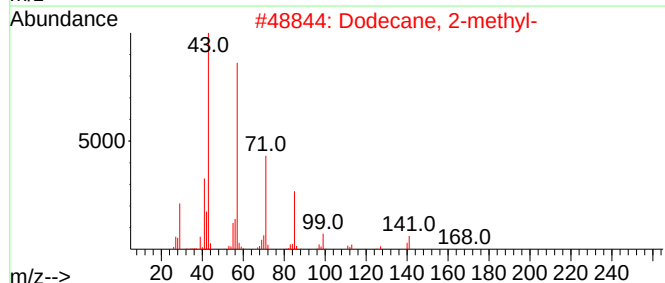
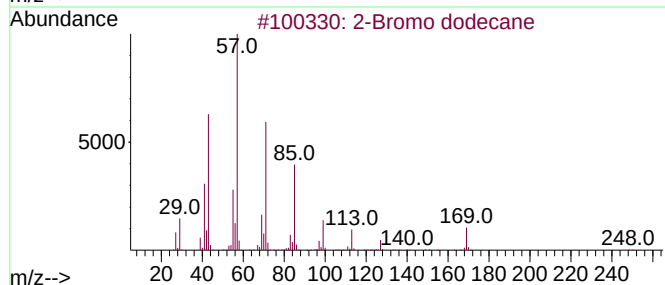
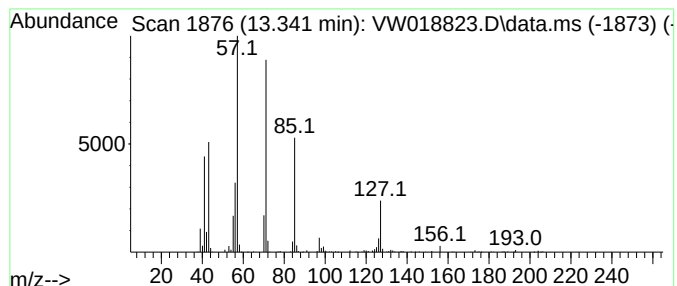
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	12.14 ug/L	482230	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
4		Nonane, 5-propyl-	170	C12H26	000998-35-6	50
5		Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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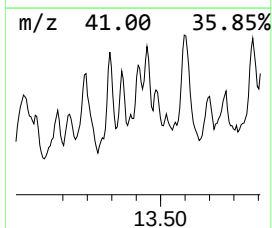
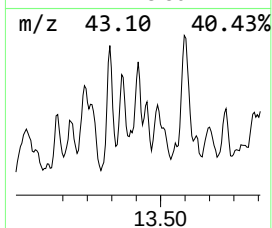
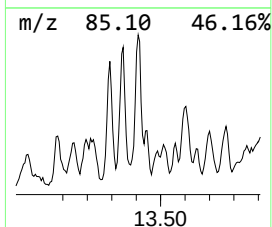
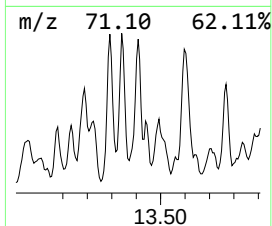
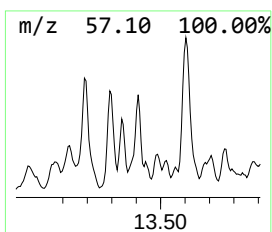
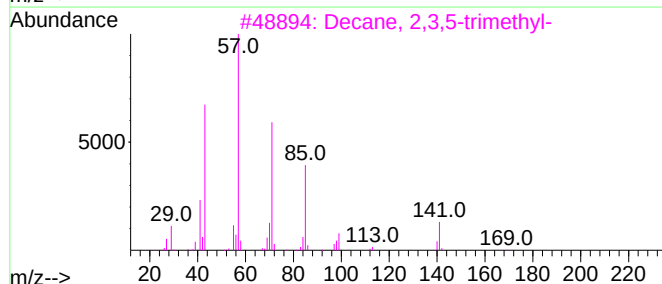
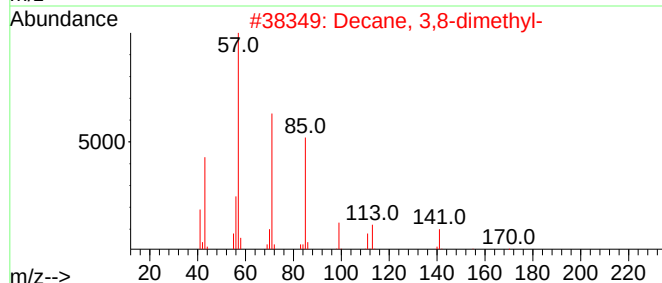
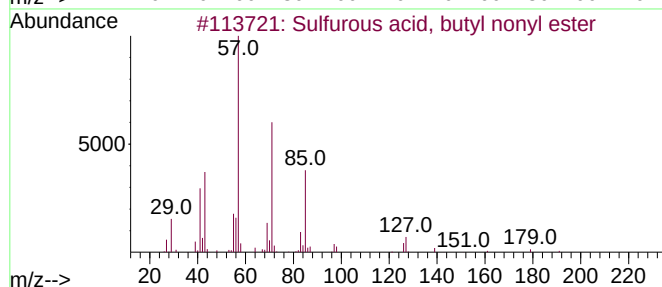
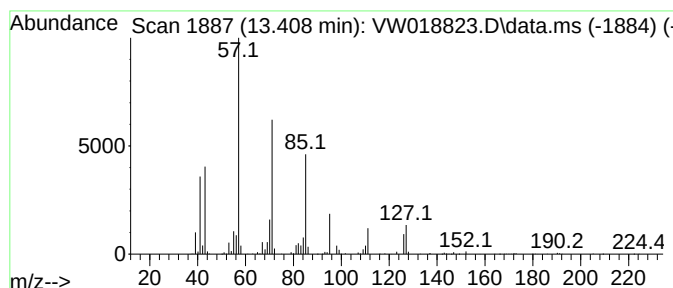
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Sulfurous acid, butyl nonyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	14.30 ug/L	567823	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

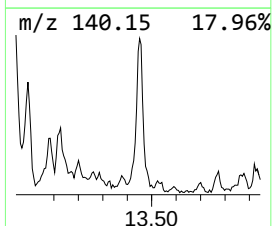
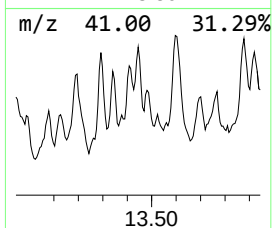
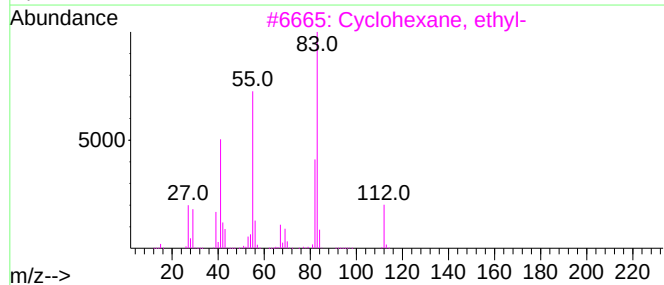
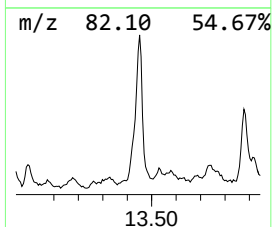
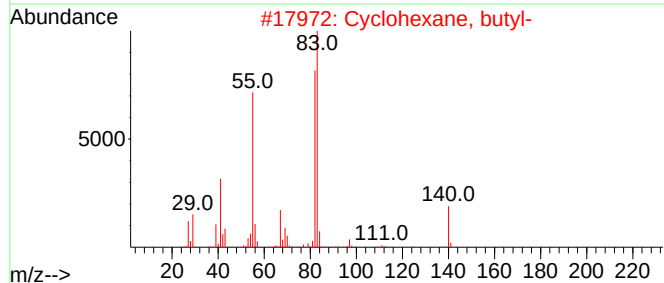
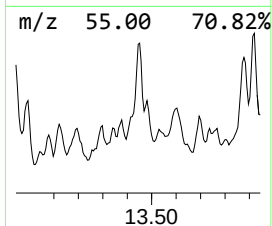
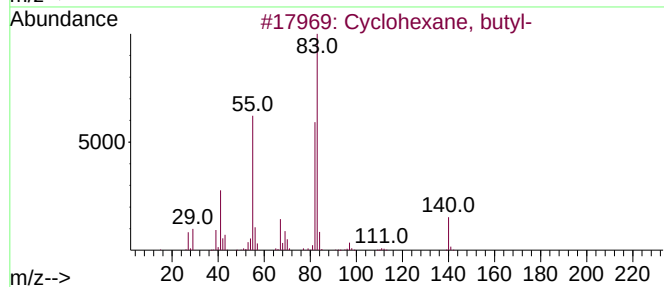
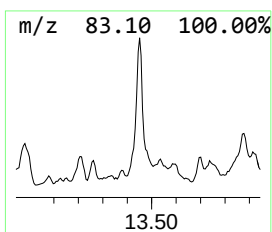
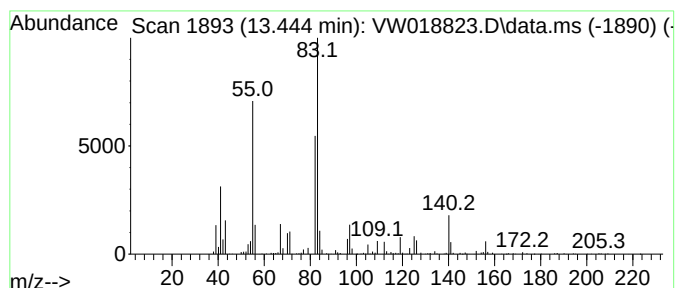
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic13.444 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.444	19.54 ug/L	776112	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-		140	C10H20	001678-93-9	81
2	Cyclohexane, butyl-		140	C10H20	001678-93-9	81
3	Cyclohexane, ethyl-		112	C8H16	001678-91-7	68
4	Cyclohexane, propyl-		126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-		126	C9H18	001678-92-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

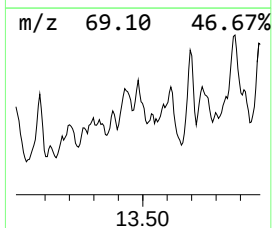
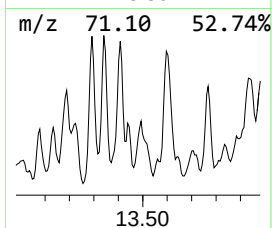
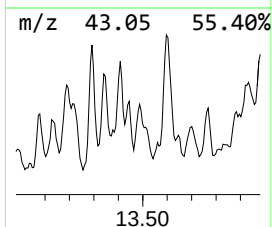
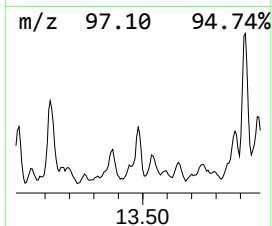
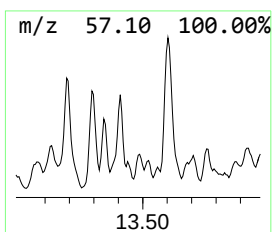
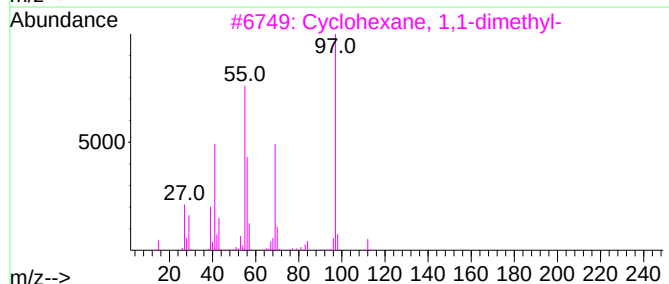
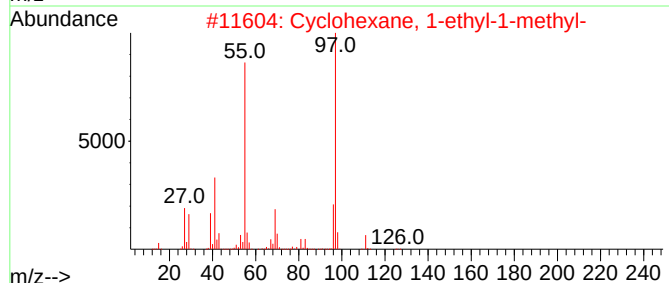
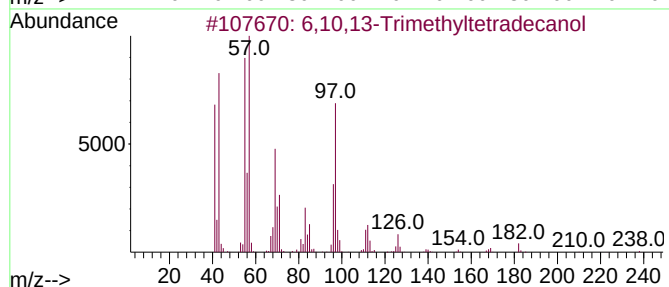
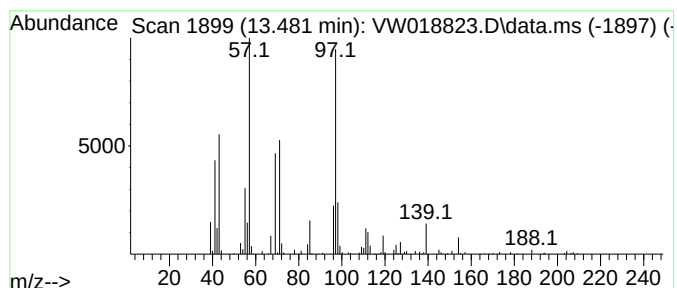
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.481	8.72 ug/L	346483	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10,13-Trimethyltetradecanol	256	C17H36O	1000131-71-0	38
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
4	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	35
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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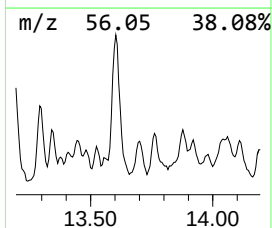
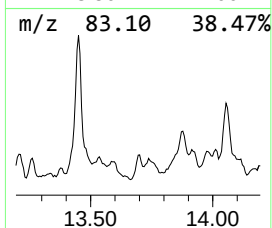
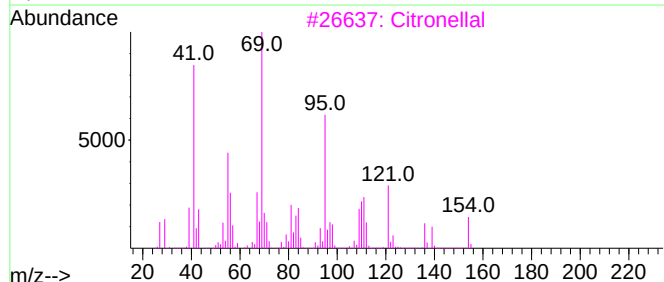
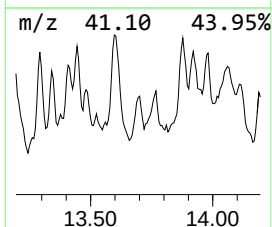
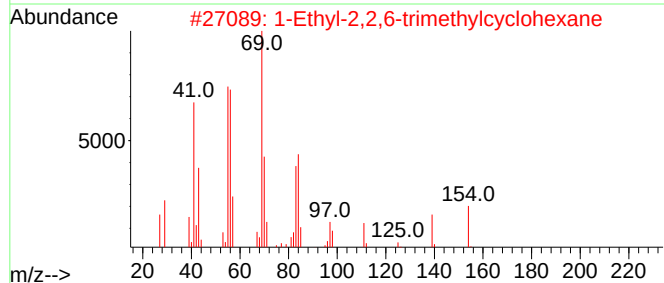
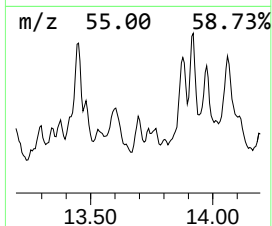
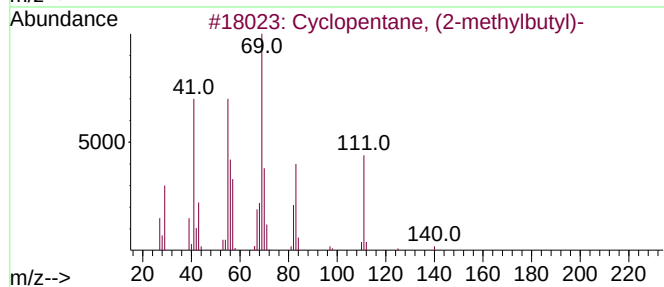
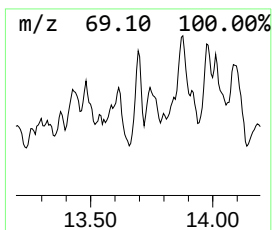
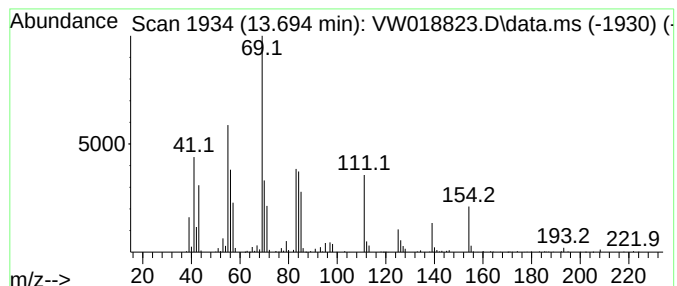
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic13.694 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	8.18 ug/L	324773	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53
3			Citronellal	154	C10H18O	000106-23-0	43
4			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

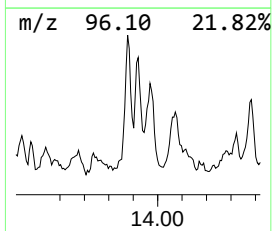
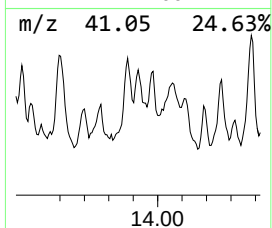
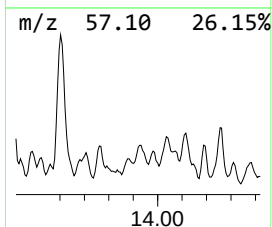
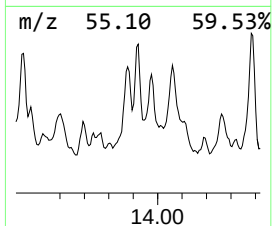
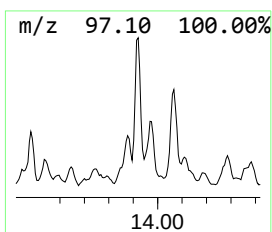
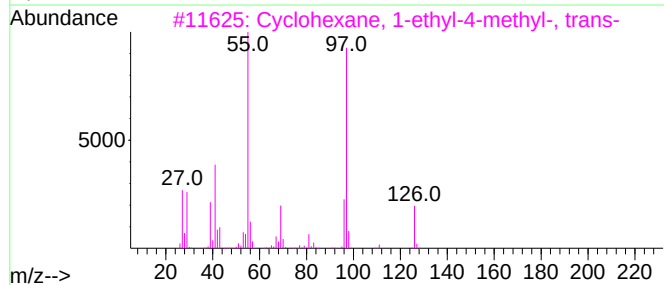
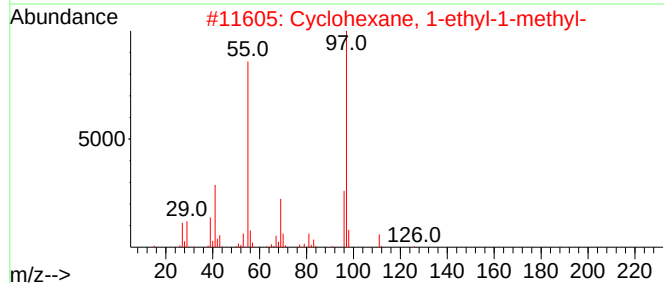
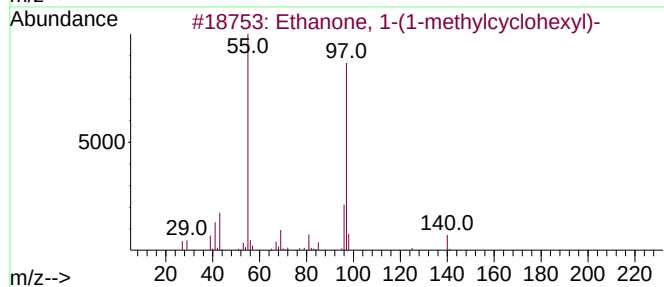
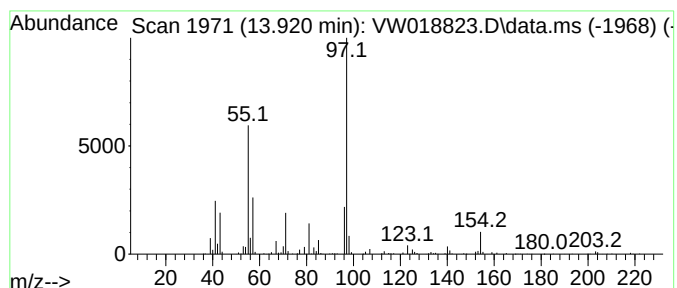
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	17.31 ug/L	687423	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

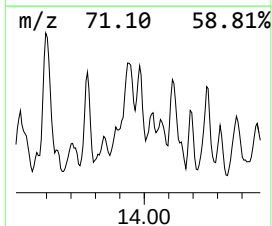
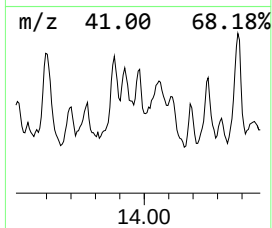
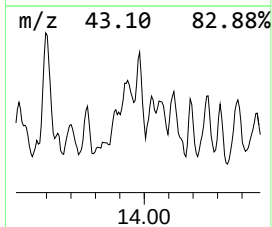
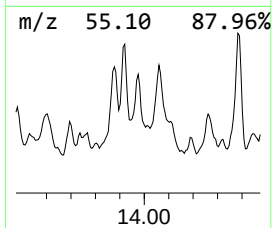
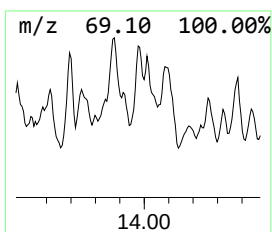
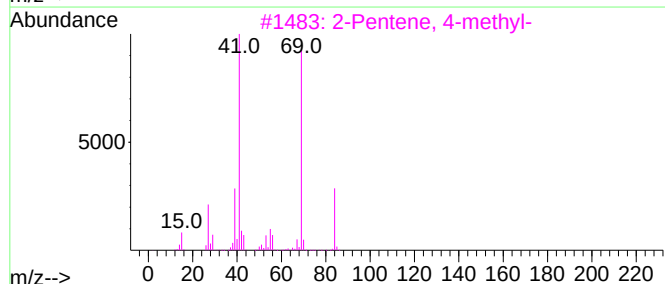
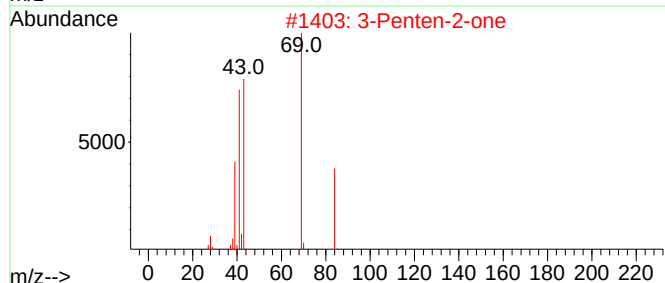
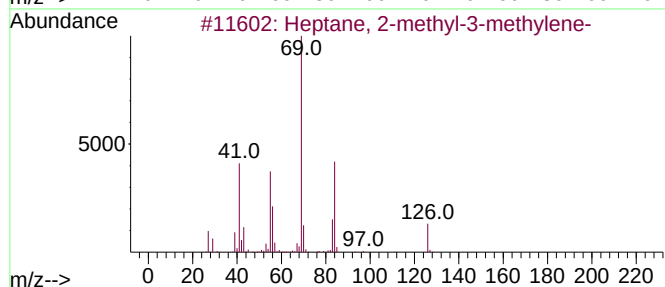
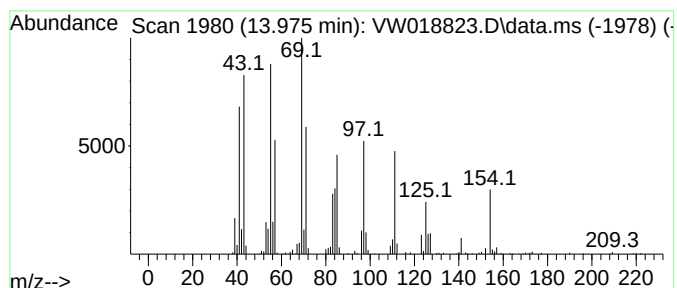
Instrument :
MSVOA_W
ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.975	9.22 ug/L	366178	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-3-methylene-		126	C9H18	062187-11-5	25
2	3-Penten-2-one		84	C5H8O	000625-33-2	18
3	2-Pentene, 4-methyl-		84	C6H12	004461-48-7	18
4	2-Pentene, 4-methyl-, (E)-		84	C6H12	000674-76-0	18
5	1-Butene, 3,3-dimethyl-		84	C6H12	000558-37-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

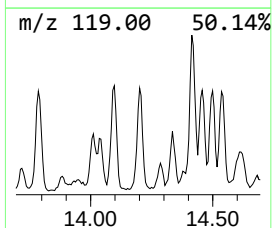
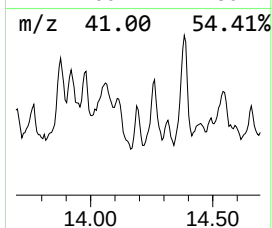
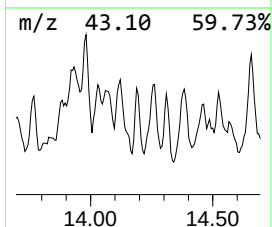
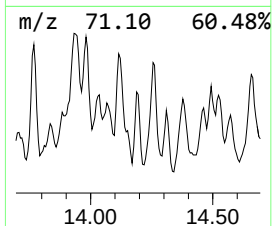
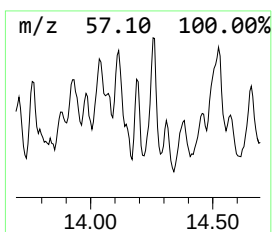
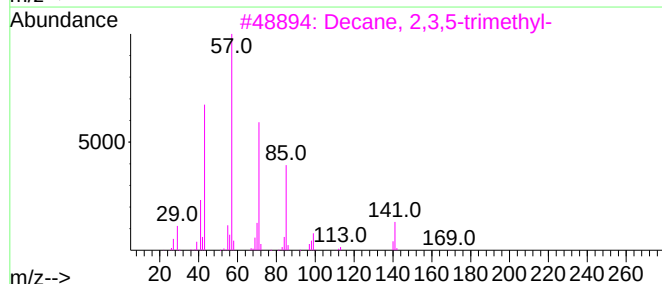
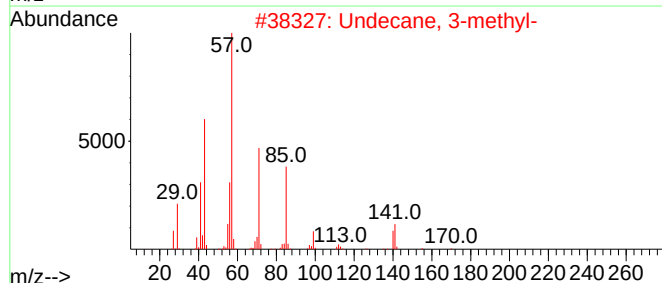
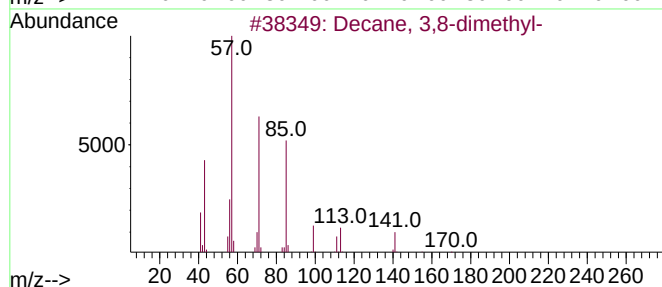
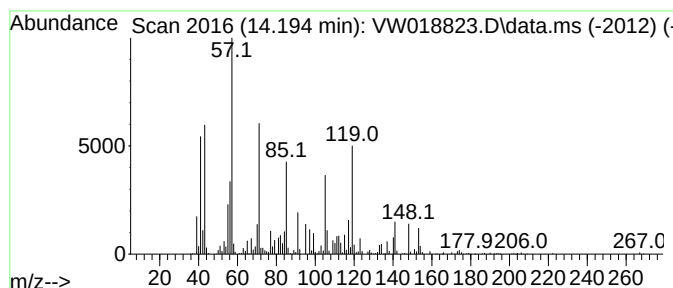
Instrument :
MSVOA_W
ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.194	10.27 ug/L	408027	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	50
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	50
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	43
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	35
5	Hydroxylamine, O-decyl-		173	C10H23NO	029812-79-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

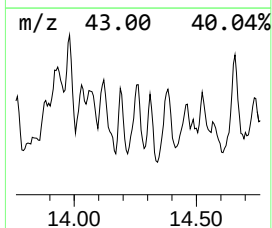
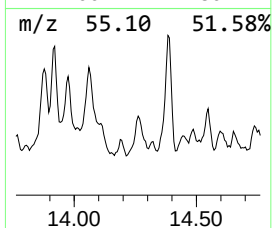
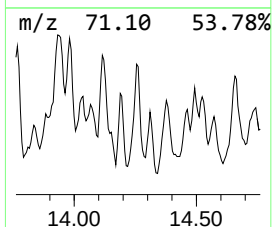
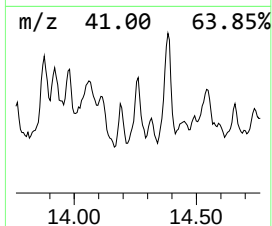
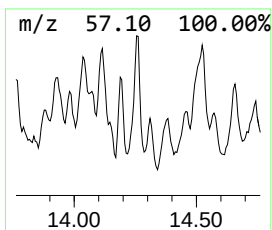
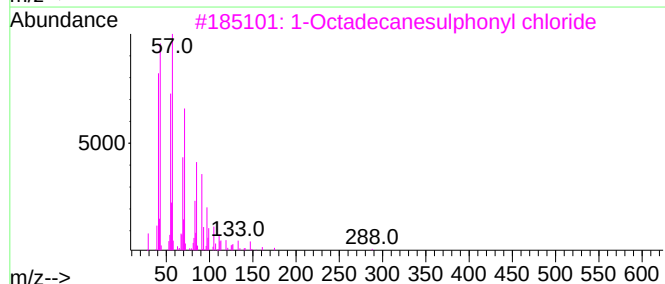
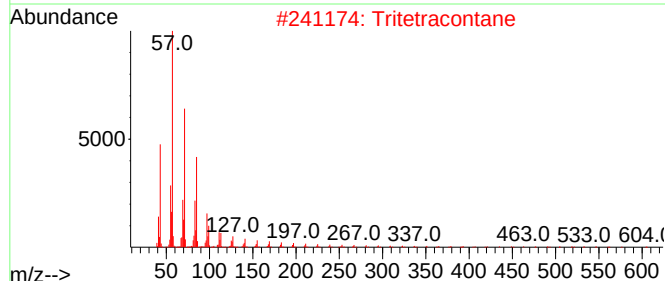
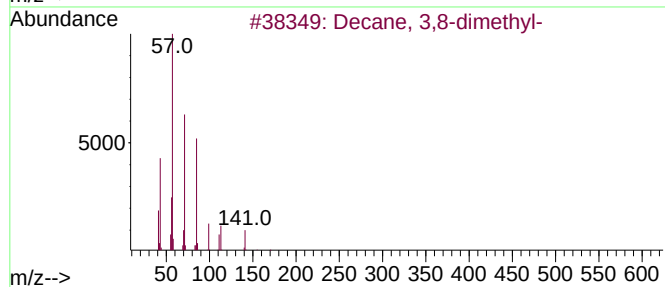
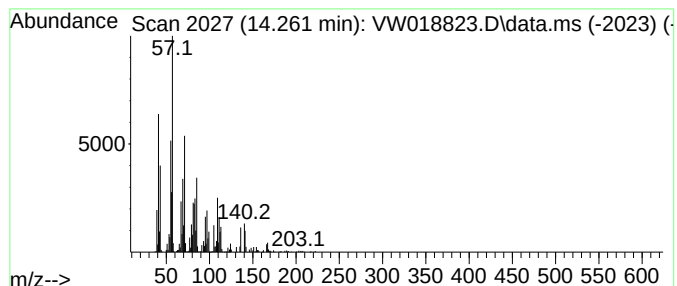
Instrument :
MSVOA_W
ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.261	13.44 ug/L	533685	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	55
2	Tritetracontane		605	C43H88	007098-21-7	49
3	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	49
4	Undecane, 3-methyl-		170	C12H26	001002-43-3	49
5	Oxalic acid, cyclobutyl pentadec...		354	C21H38O4	1000309-70-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

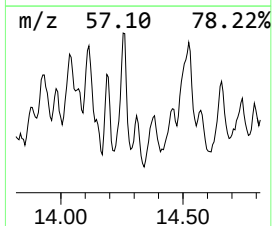
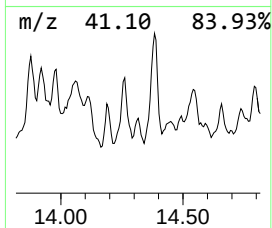
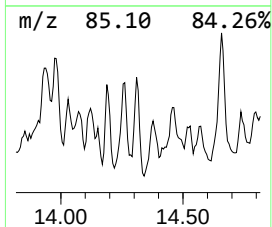
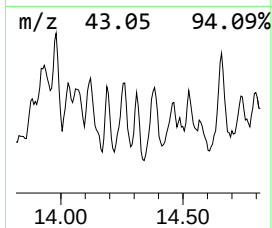
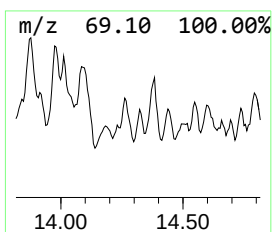
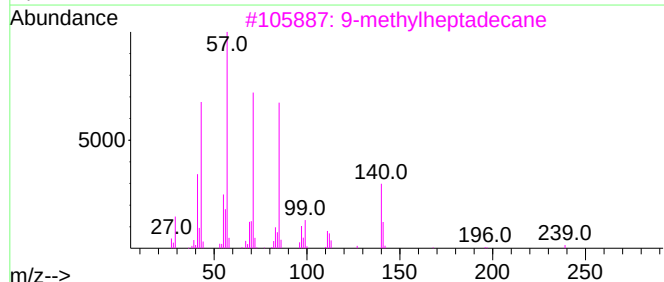
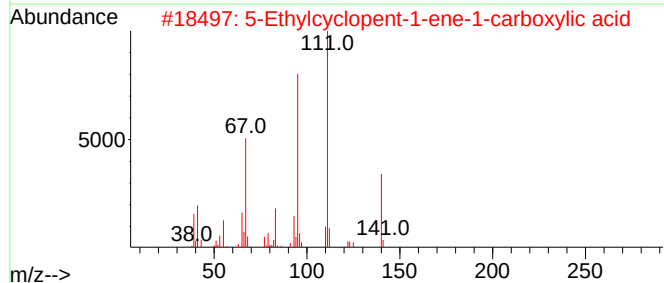
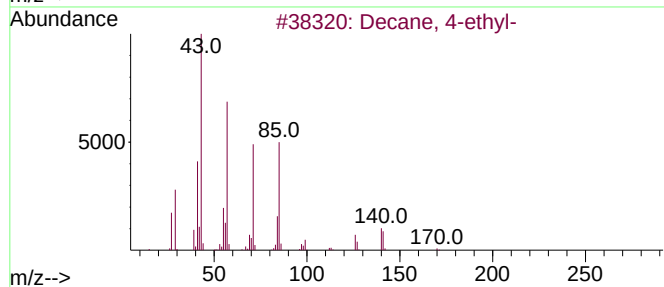
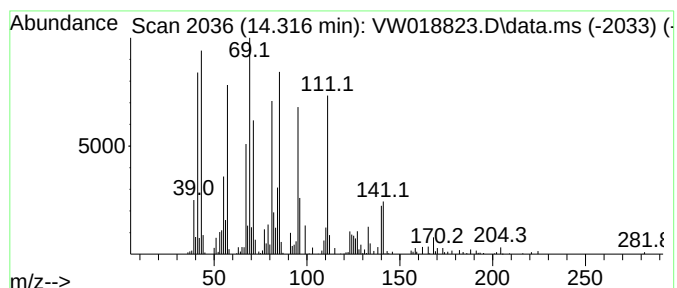
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.316	3.62 ug/L	143782	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	30
2	5-Ethylcyclopent-1-ene-1-carboxy...		140	C8H12O2	036258-07-8	25
3	9-methylheptadecane		254	C18H38	026741-18-4	18
4	Oxalic acid, bis(6-ethyloct-3-yl...		370	C22H42O4	1000309-34-6	18
5	5,5-Dimethyl-1,3-hexadiene		110	C8H14	001515-79-3	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

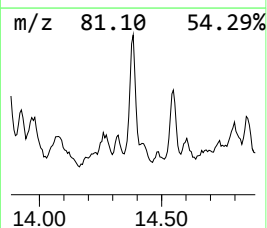
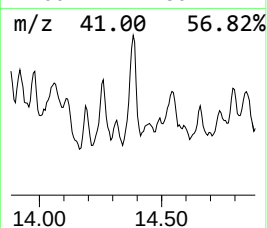
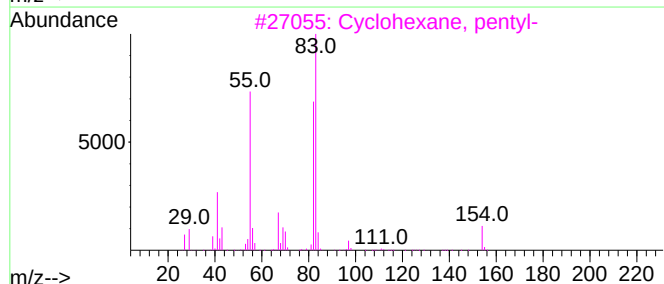
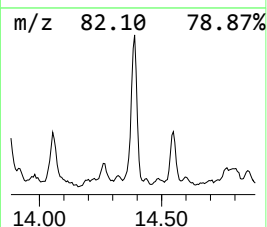
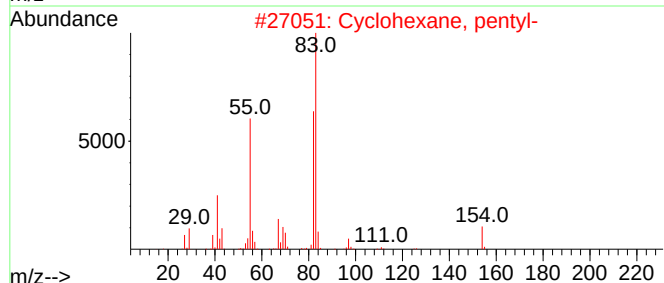
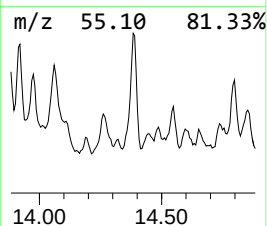
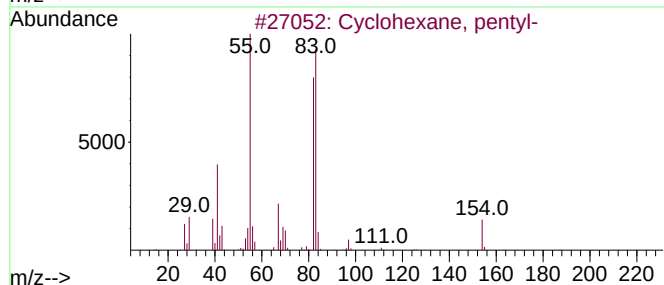
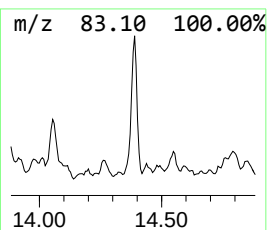
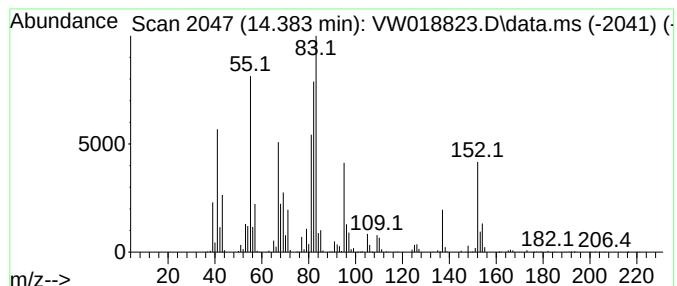
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic14.383 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.383	33.00 ug/L	1310320	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

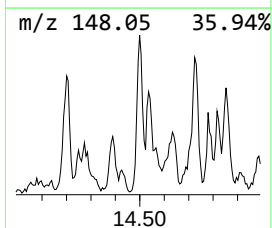
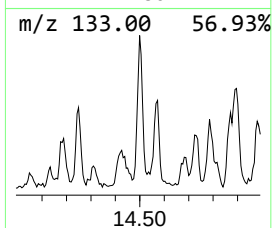
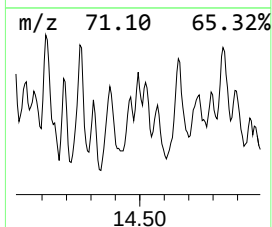
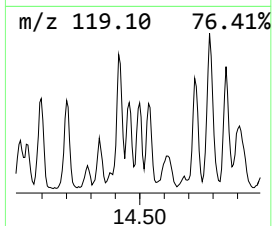
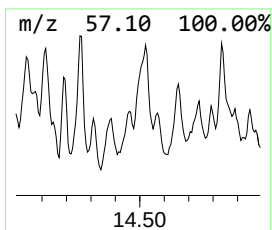
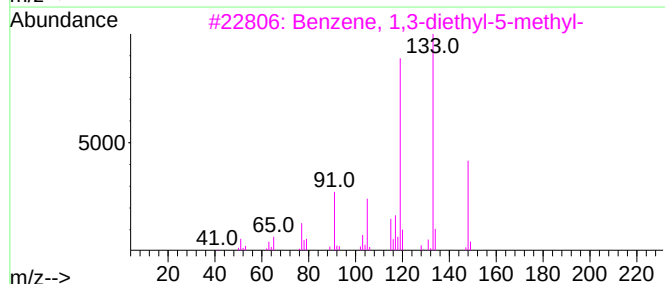
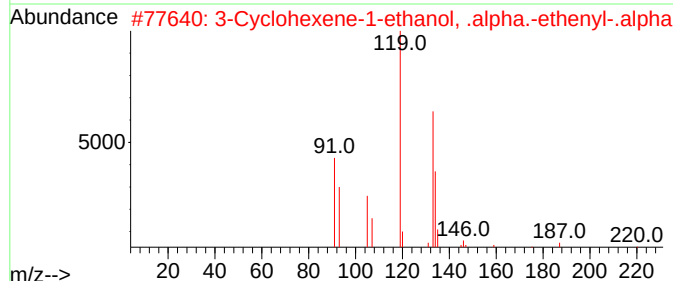
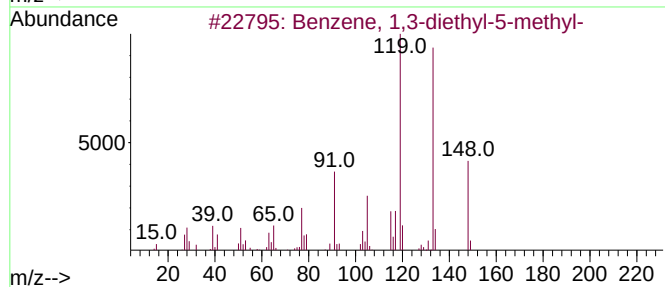
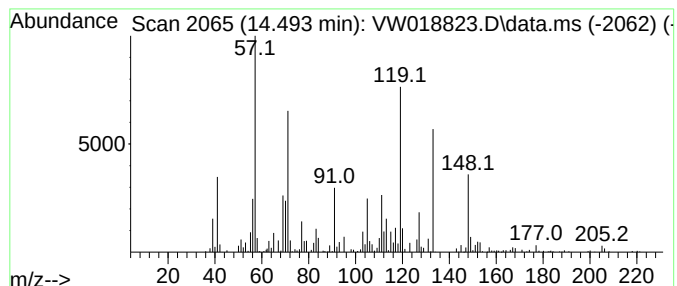
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	5.54 ug/L	219882	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
2			3-Cyclohexene-1-ethanol, .alpha....	220	C15H24O	055780-93-3	47
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	35
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	30
5			4'-Methylpropiofenone	148	C10H12O	005337-93-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

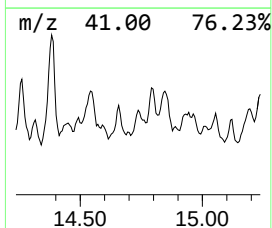
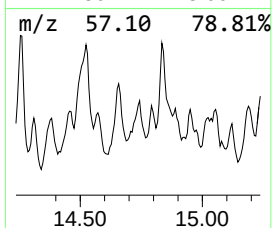
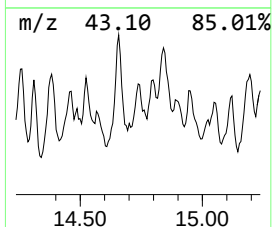
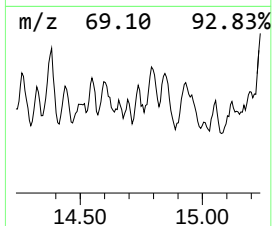
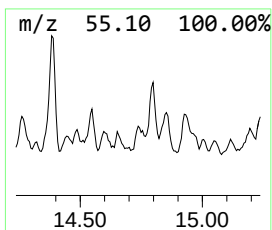
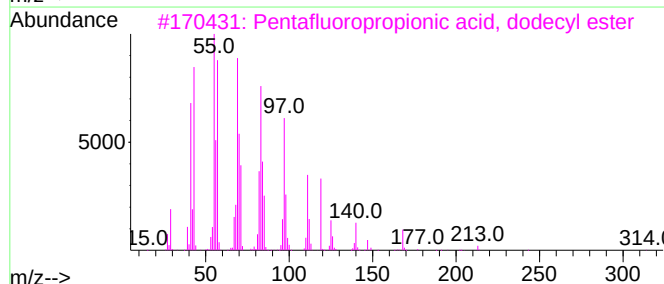
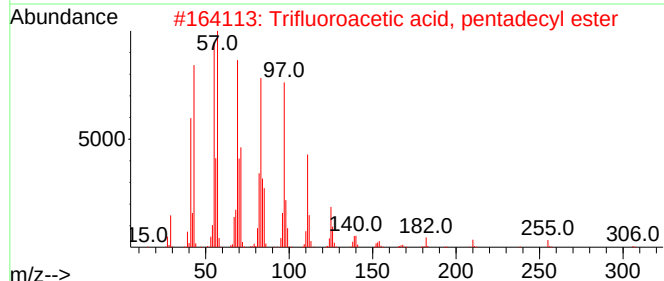
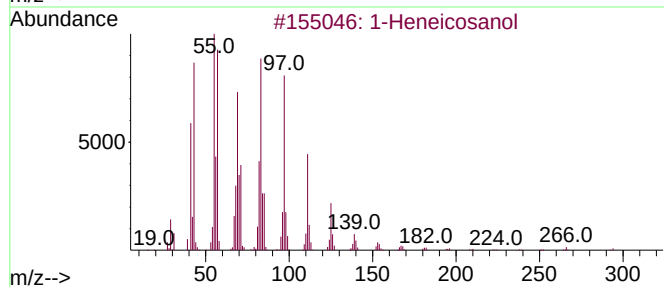
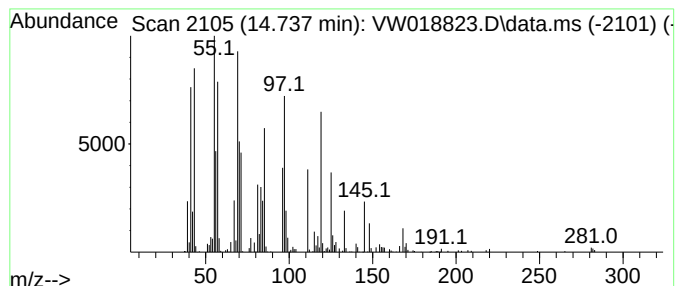
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	6.51 ug/L	258360	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	49
2			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	49
3			Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	47
4			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	47
5			1-Octadecanol	270	C18H38O	000112-92-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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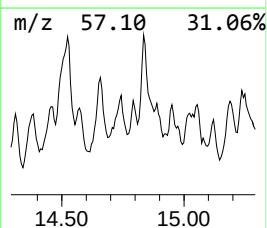
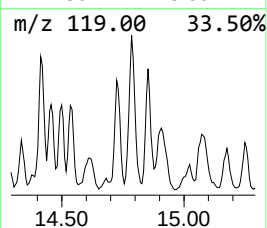
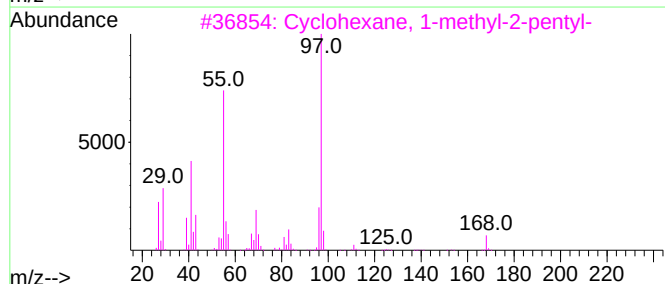
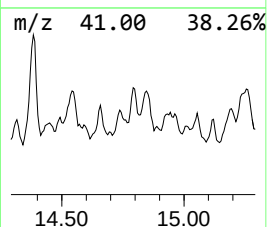
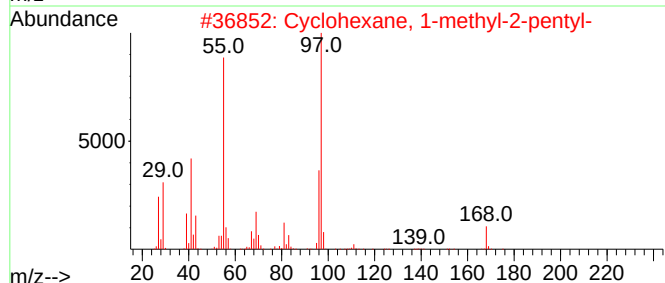
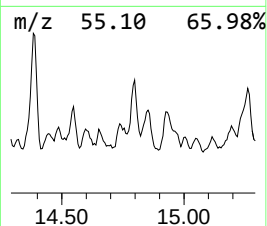
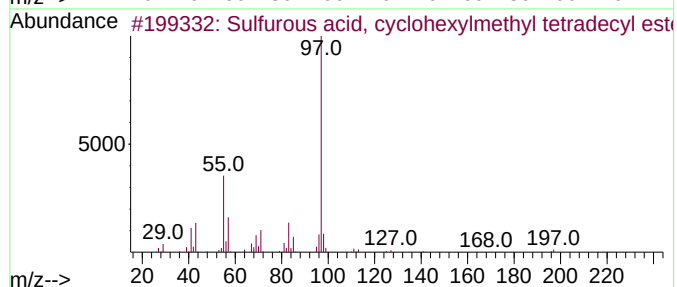
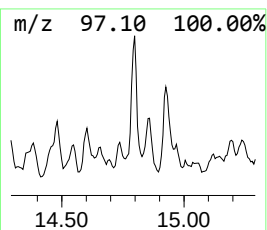
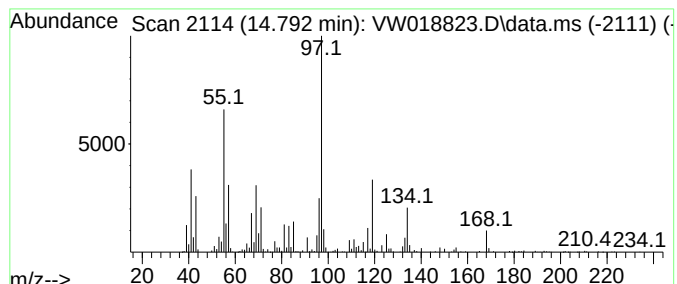
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	10.59 ug/L	420434	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	47
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
4			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

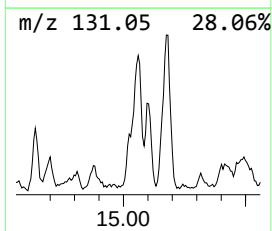
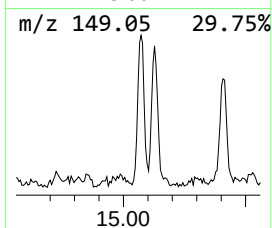
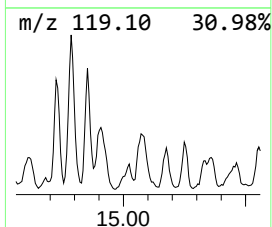
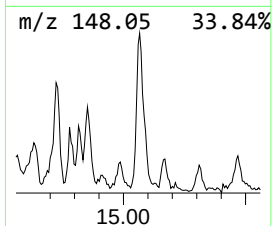
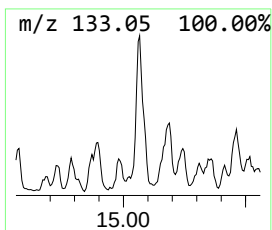
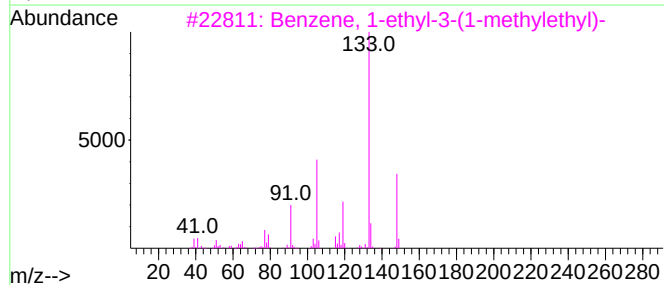
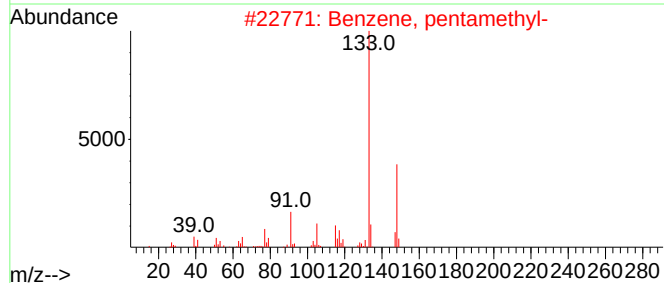
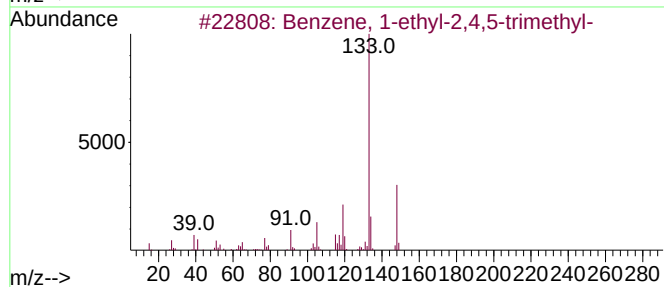
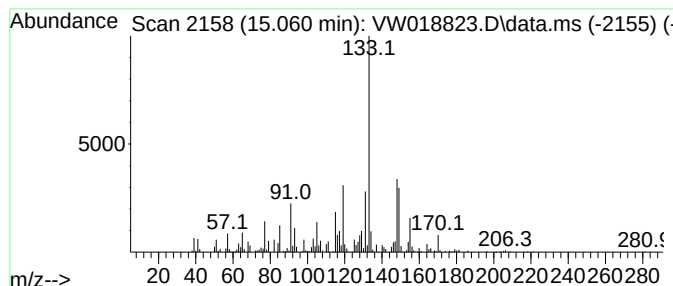
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzene, 1-ethyl-2,4,5-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.060	5.89 ug/L	233878	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-		148	C11H16	017851-27-3	58
2	Benzene, pentamethyl-		148	C11H16	000700-12-9	52
3	Benzene, 1-ethyl-3-(1-methylethyl)-		148	C11H16	004920-99-4	52
4	Benzene, 1-ethyl-4-(1-methylethyl)-		148	C11H16	004218-48-8	52
5	Benzene, 1,3-dimethyl-5-(1-methy...		148	C11H16	004706-90-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

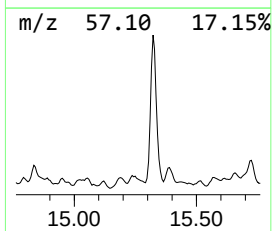
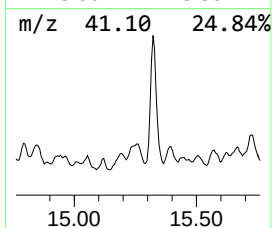
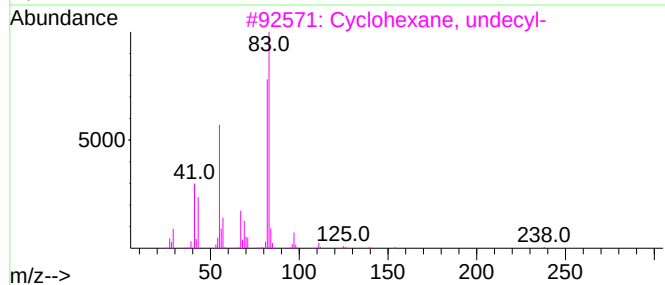
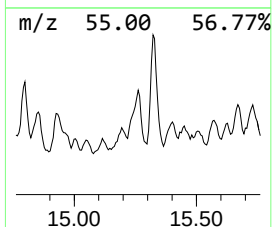
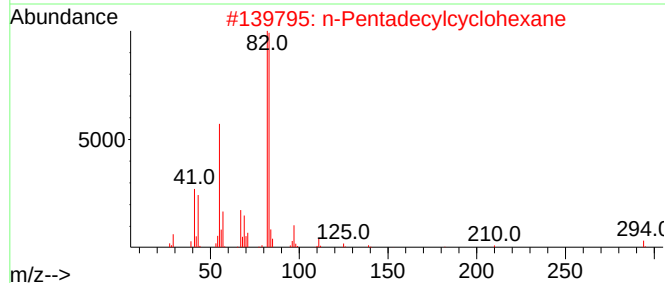
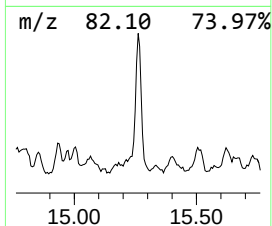
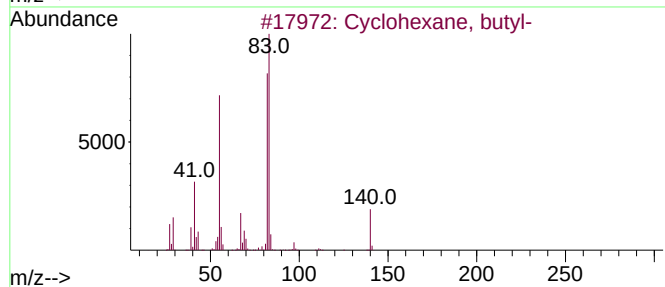
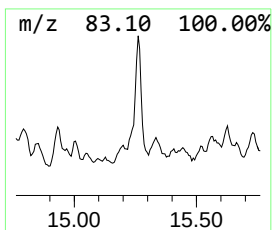
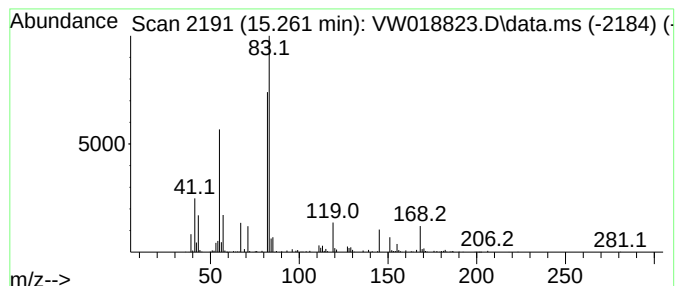
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic15.261 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	15.76 ug/L	626060	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
2		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	59
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4		Heptylcyclohexane	182	C13H26	005617-41-4	47
5		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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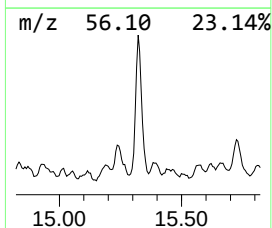
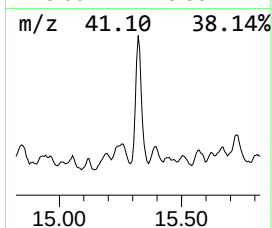
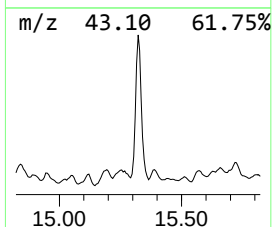
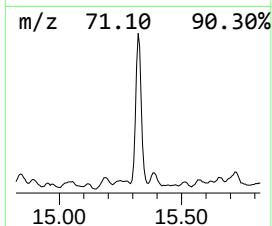
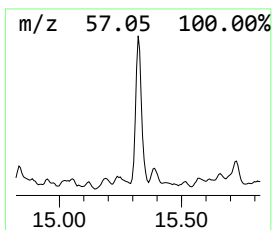
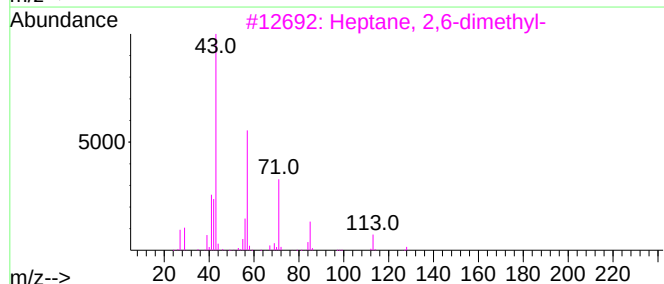
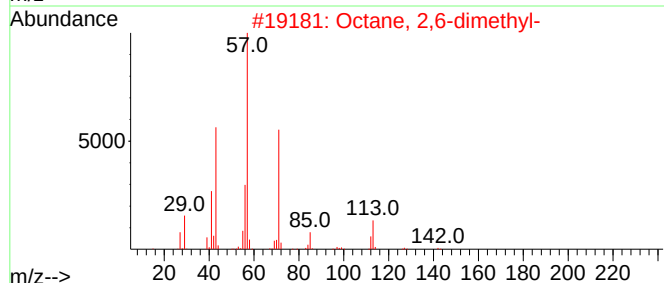
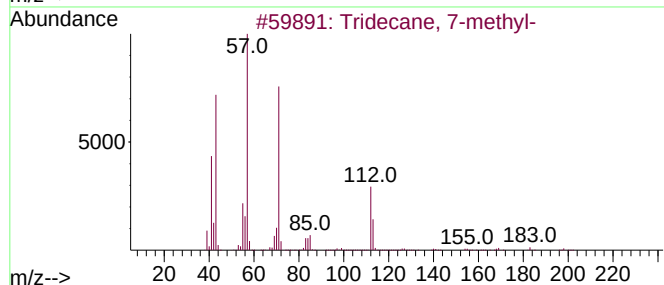
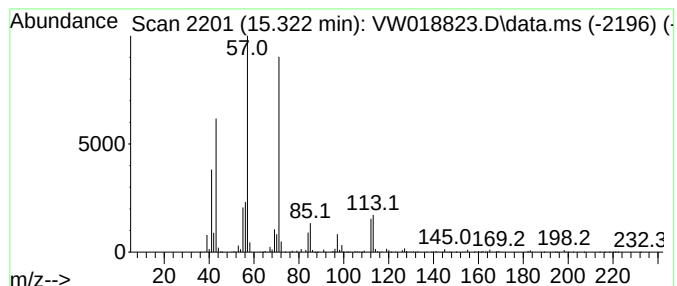
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	56.89 ug/L	2259430	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	80
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG515

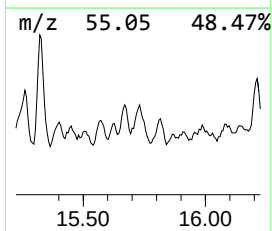
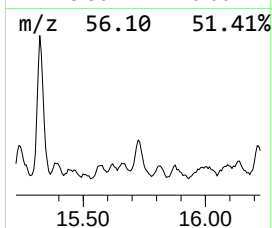
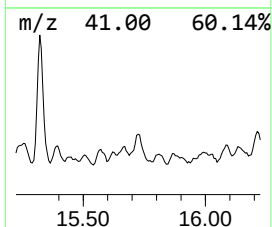
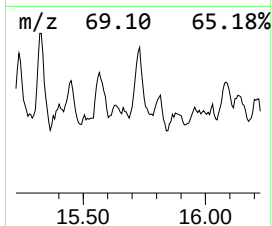
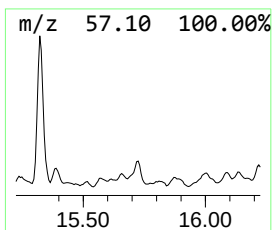
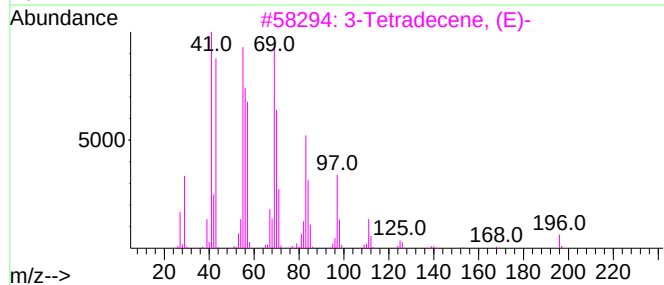
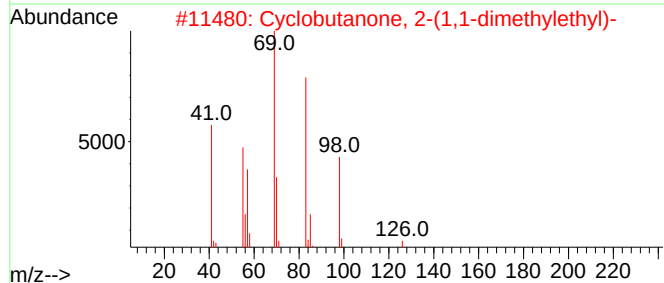
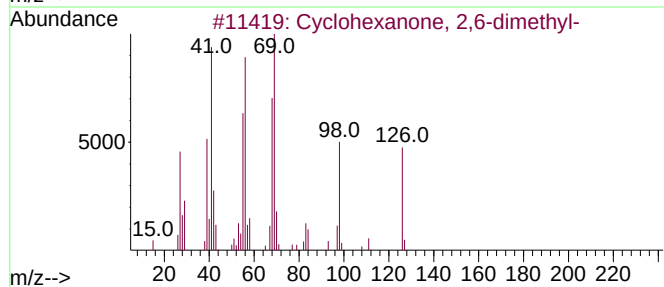
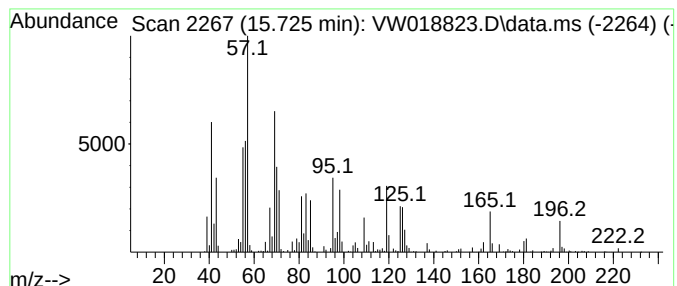
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	15.25 ug/L	605728	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	38
2			Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	38
3			3-Tetradecene, (E)-	196	C14H28	041446-68-8	38
4			2- Bromopropionic acid, heptyl e...	250	C10H19BrO2	038674-99-6	35
5			Cycloheptane	98	C7H14	000291-64-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

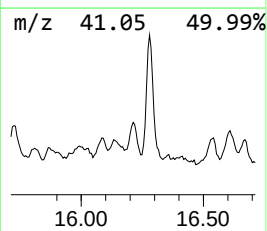
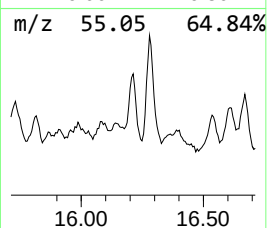
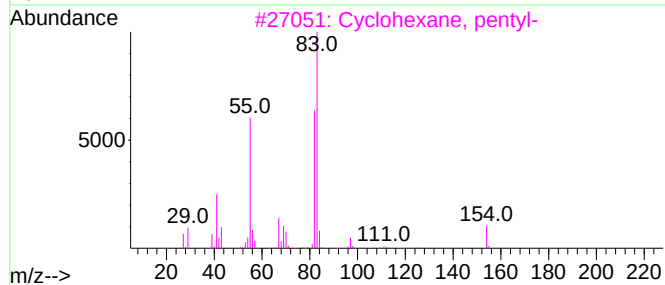
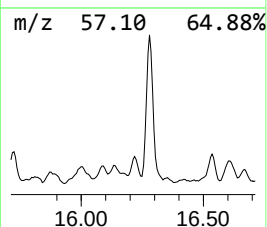
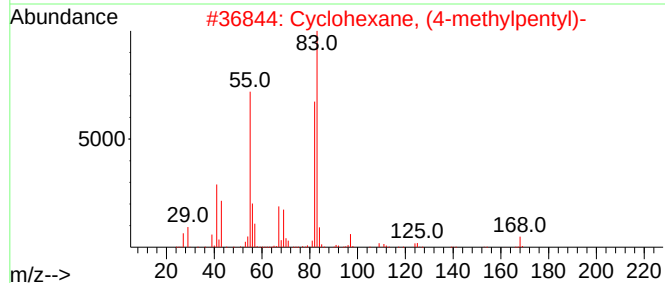
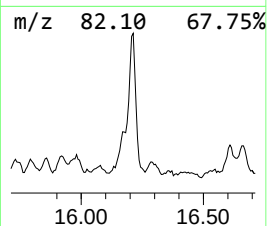
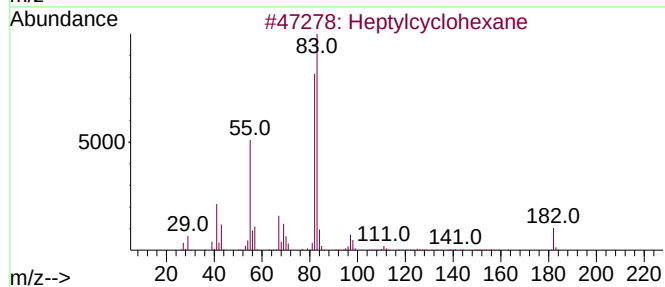
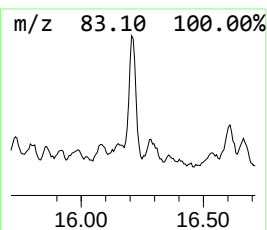
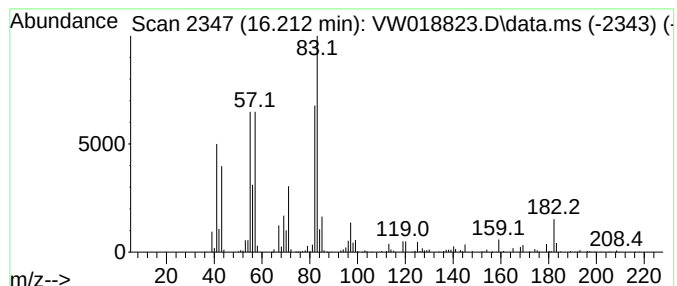
Instrument :
MSVOA_W
ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic16.212 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.212	13.33 ug/L	529359	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptylcyclohexane		182	C13H26	005617-41-4	58
2	Cyclohexane, (4-methylpentyl)-		168	C12H24	061142-20-9	53
3	Cyclohexane, pentyl-		154	C11H22	004292-92-6	52
4	Cyclohexane, butyl-		140	C10H20	001678-93-9	50
5	Succinic acid, cis-hex-3-enyl he...		424	C26H48O4	1000353-41-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

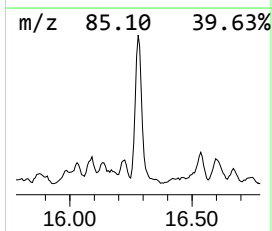
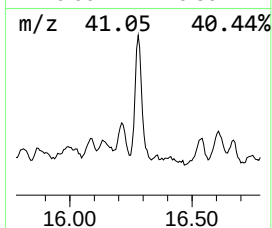
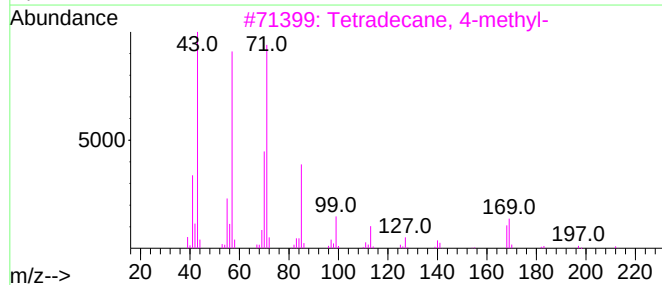
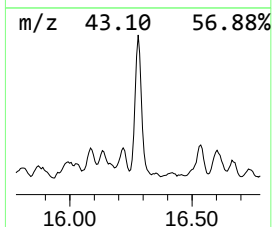
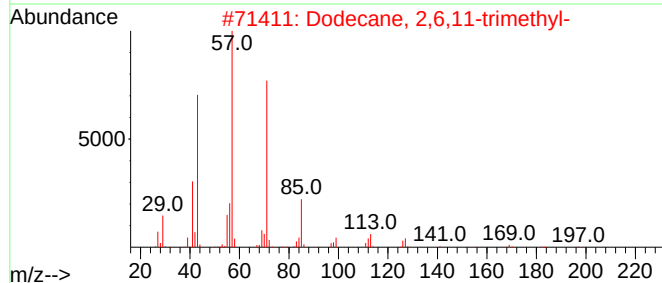
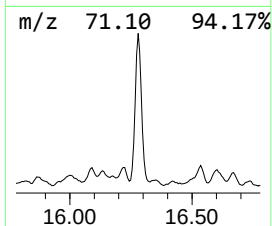
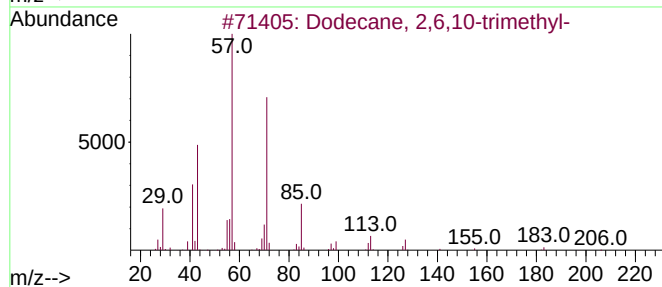
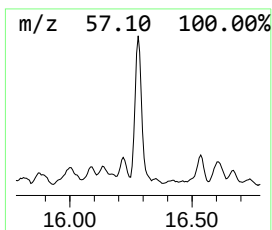
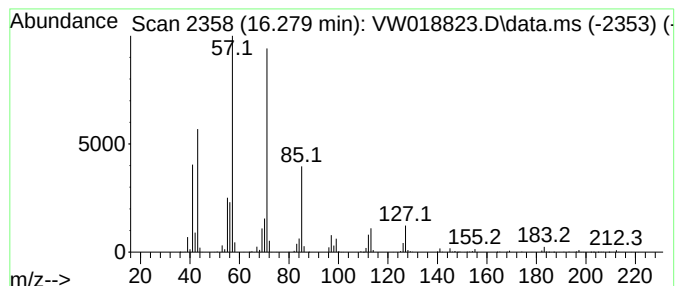
Instrument :
MSVOA_W
ClientSampleId :
BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.279	53.51 ug/L	2125190	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	86
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	80
3	Tetradecane, 4-methyl-		212	C15H32	025117-24-2	80
4	1-Undecene, 4-methyl-		168	C12H24	074630-39-0	72
5	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018823.D
 Acq On : 28 Apr 2021 16:19
 Operator : SY/VA
 Sample : M2177-09
 Misc : 3.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG515

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.989	1.9	ug/L	86780	1	8.848	1148330	25.0
Acetamide, N-(2...	11.231	1.5	ug/L	72043	2	11.634	1233020	25.0
(DEL) Alkane: C...	11.823	1.3	ug/L	61879	2	11.634	1233020	25.0
(DEL) Alkane: C...	11.872	2.8	ug/L	136679	2	11.634	1233020	25.0
(DEL) Alkane: S...	12.249	10.8	ug/L	531791	2	11.634	1233020	25.0
(DEL) Alkane: S...	12.365	21.7	ug/L	1069260	2	11.634	1233020	25.0
(DEL) Alkane: S...	12.499	6.3	ug/L	312351	2	11.634	1233020	25.0
(DEL) Alkane: C...	12.780	11.0	ug/L	436160	3	13.560	992810	25.0
(DEL) Alkane: C...	12.859	12.8	ug/L	509624	3	13.560	992810	25.0
(DEL) Alkane: S...	13.079	5.0	ug/L	198689	3	13.560	992810	25.0
(DEL) Alkane: S...	13.188	13.8	ug/L	548161	3	13.560	992810	25.0
2-Bromo dodecane	13.341	12.1	ug/L	482230	3	13.560	992810	25.0
Sulfurous acid,...	13.408	14.3	ug/L	567823	3	13.560	992810	25.0
(DEL) Alkane: C...	13.444	19.5	ug/L	776112	3	13.560	992810	25.0
unknown-02	13.481	8.7	ug/L	346483	3	13.560	992810	25.0
(DEL) Alkane: C...	13.694	8.2	ug/L	324773	3	13.560	992810	25.0
Ethanone, 1-(1-...	13.920	17.3	ug/L	687423	3	13.560	992810	25.0
(DEL) Alkane: S...	13.975	9.2	ug/L	366178	3	13.560	992810	25.0
(DEL) Alkane: S...	14.194	10.3	ug/L	408027	3	13.560	992810	25.0
(DEL) Alkane: S...	14.261	13.4	ug/L	533685	3	13.560	992810	25.0
(DEL) Alkane: S...	14.316	3.6	ug/L	143782	3	13.560	992810	25.0
(DEL) Alkane: C...	14.383	33.0	ug/L	1310320	3	13.560	992810	25.0
unknown-03	14.493	5.5	ug/L	219882	3	13.560	992810	25.0
unknown-04	14.737	6.5	ug/L	258360	3	13.560	992810	25.0
unknown-05	14.792	10.6	ug/L	420434	3	13.560	992810	25.0
Benzene, 1-ethy...	15.060	5.9	ug/L	233878	3	13.560	992810	25.0
(DEL) Alkane: C...	15.261	15.8	ug/L	626060	3	13.560	992810	25.0
(DEL) Alkane: S...	15.322	56.9	ug/L	2259430	3	13.560	992810	25.0
unknown-06	15.725	15.3	ug/L	605728	3	13.560	992810	25.0
(DEL) Alkane: C...	16.212	13.3	ug/L	529359	3	13.560	992810	25.0
(DEL) Alkane: S...	16.279	53.5	ug/L	2125190	3	13.560	992810	25.0