

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025175.D
 Acq On : 23 Dec 2022 00:48
 Operator : SY/MD
 Sample : N6193-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSL9

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\SFAMWLM120822SMA.M
 Title : SFAM01.0

Signal : TIC: VW025175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	50	rVB6	1648	4659	0.04%	0.009%
2	2.270	58	60	63	rBV	404	229	0.00%	0.000%
3	2.349	63	73	85	rVB	53770	88124	0.78%	0.179%
4	2.507	97	99	102	rVB2	412	491	0.00%	0.001%
5	2.538	102	104	108	rBV	562	703	0.01%	0.001%
6	2.617	113	117	118	rBV2	1173	887	0.01%	0.002%
7	2.757	136	140	141	rVB3	276	316	0.00%	0.001%
8	2.788	141	145	146	rBV2	332	369	0.00%	0.001%
9	2.812	146	149	153	rVV2	624	842	0.01%	0.002%
10	2.885	153	161	171	rVV	35233	73341	0.65%	0.149%
11	3.007	179	181	183	rVB	433	281	0.00%	0.001%
12	3.026	183	184	189	rBV	360	495	0.00%	0.001%
13	3.129	200	201	203	rVV2	562	327	0.00%	0.001%
14	3.666	287	289	292	rVV	196	223	0.00%	0.000%
15	3.897	326	327	329	rBV	266	244	0.00%	0.000%
16	4.013	335	346	359	rBV	118876	336987	2.98%	0.686%
17	4.123	359	364	375	rVB2	3341	9106	0.08%	0.019%
18	4.202	375	377	379	rVB	281	223	0.00%	0.000%
19	4.257	379	386	388	rBV3	661	1550	0.01%	0.003%
20	4.397	402	409	412	rBV2	577	1064	0.01%	0.002%
21	4.501	423	426	428	rBV2	190	286	0.00%	0.001%
22	4.617	444	445	448	rVV3	227	244	0.00%	0.000%
23	4.672	452	454	456	rVV2	344	338	0.00%	0.001%
24	4.916	481	494	508	rBV2	20341	66149	0.58%	0.135%
25	5.105	519	525	526	rBV2	581	729	0.01%	0.001%
26	5.348	563	565	569	rVB2	226	248	0.00%	0.001%
27	5.470	583	585	588	rBV2	192	270	0.00%	0.001%
28	5.940	653	662	671	rBV4	3138	9309	0.08%	0.019%
29	6.970	827	831	835	rBV2	123	267	0.00%	0.001%
30	7.074	840	848	858	rBV2	25430	71624	0.63%	0.146%
31	7.269	878	880	883	rVB2	223	236	0.00%	0.000%
32	7.385	897	899	903	rBV2	178	241	0.00%	0.000%
33	7.647	927	942	954	rBV	195996	477381	4.22%	0.972%
34	7.732	954	956	957	rVV	435	332	0.00%	0.001%
35	7.744	957	958	961	rVB	306	251	0.00%	0.001%
36	7.891	979	982	986	rBV2	354	580	0.01%	0.001%

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Sampling : 1

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Title : SFAM01.0

37	8.067	1010	1011	1015	rVB2	331	372	0.00%	0.001%
38	8.275	1035	1045	1061	rBV2	361232	1076292	9.51%	2.192%
39	8.549	1089	1090	1093	rVB2	281	228	0.00%	0.000%
40	8.616	1100	1101	1103	rBV2	393	358	0.00%	0.001%
41	8.634	1103	1104	1108	rVB2	462	392	0.00%	0.001%
42	8.677	1108	1111	1112	rBV	384	357	0.00%	0.001%
43	8.689	1112	1113	1117	rVB3	218	269	0.00%	0.001%
44	8.842	1129	1138	1153	rBV	400317	788127	6.96%	1.605%
45	9.043	1167	1171	1172	rBV2	252	389	0.00%	0.001%
46	9.079	1172	1177	1182	rVB4	1934	3680	0.03%	0.007%
47	9.275	1200	1209	1224	rBV	248620	501494	4.43%	1.021%
48	9.592	1258	1261	1267	rBV2	629	952	0.01%	0.002%
49	9.671	1267	1274	1278	rBV2	867	1611	0.01%	0.003%
50	9.896	1309	1311	1314	rVB	459	378	0.00%	0.001%
51	9.963	1317	1322	1324	rBV3	515	938	0.01%	0.002%
52	10.037	1326	1334	1342	rBV	133252	243691	2.15%	0.496%
53	10.128	1346	1349	1351	rVB3	799	890	0.01%	0.002%
54	10.238	1365	1367	1372	rVB2	218	263	0.00%	0.001%
55	10.323	1372	1381	1390	rBV	511639	902126	7.97%	1.837%
56	10.439	1398	1400	1403	rBV3	297	321	0.00%	0.001%
57	10.482	1403	1407	1416	rVB5	1190	2756	0.02%	0.006%
58	10.579	1416	1423	1433	rBV	85488	148953	1.32%	0.303%
59	10.665	1433	1437	1438	rBV5	2380	3418	0.03%	0.007%
60	10.701	1439	1443	1448	rVB	9052	14730	0.13%	0.030%
61	10.762	1450	1453	1455	rBV2	2117	1836	0.02%	0.004%
62	10.841	1462	1466	1473	rVB3	3938	6784	0.06%	0.014%
63	10.921	1473	1479	1491	rBV	104912	190515	1.68%	0.388%
64	11.030	1492	1497	1506	rBV3	8362	19885	0.18%	0.040%
65	11.110	1506	1510	1514	rBV5	4325	7770	0.07%	0.016%
66	11.177	1517	1521	1524	rVV	8845	13389	0.12%	0.027%
67	11.231	1524	1530	1535	rVB2	22658	39276	0.35%	0.080%
68	11.280	1535	1538	1542	rVB3	4899	7160	0.06%	0.015%
69	11.335	1542	1547	1551	rBV2	13779	24615	0.22%	0.050%
70	11.378	1551	1554	1557	rVV3	8718	15502	0.14%	0.032%
71	11.433	1560	1563	1570	rVB2	20827	34643	0.31%	0.071%
72	11.506	1570	1575	1579	rBV2	15752	26477	0.23%	0.054%
73	11.628	1586	1595	1603	rBV	517365	883500	7.81%	1.799%
74	11.768	1613	1618	1621	rBV2	12083	20319	0.18%	0.041%
75	11.817	1621	1626	1630	rBV4	23770	43508	0.38%	0.089%
76	11.872	1630	1635	1639	rBV	66296	113040	1.00%	0.230%

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 Title : SFAM01.0

77	11.975	1647	1652	1653	rBV3	16115	23909	0.21%	0.049%
78	12.000	1653	1656	1659	rVV	14274	22827	0.20%	0.046%
79	12.134	1670	1678	1683	rBV3	191159	407770	3.60%	0.830%
80	12.183	1684	1686	1689	rVV2	53482	70440	0.62%	0.143%
81	12.250	1693	1697	1701	rVB	248595	386062	3.41%	0.786%
82	12.359	1701	1715	1722	rBV3	327881	1101143	9.73%	2.242%
83	12.615	1751	1757	1761	rBV3	107248	178811	1.58%	0.364%
84	12.695	1763	1770	1775	rBV2	344862	738690	6.53%	1.504%
85	12.774	1780	1783	1790	rVB2	341610	619390	5.47%	1.261%
86	12.859	1790	1797	1802	rBV5	234410	638992	5.65%	1.301%
87	12.939	1804	1810	1814	rBV5	495915	1076644	9.51%	2.192%
88	13.073	1828	1832	1836	rBV2	572436	882243	7.80%	1.797%
89	13.121	1836	1840	1843	rVV2	463403	790970	6.99%	1.611%
90	13.158	1843	1846	1852	rVB	1410460	2143640	18.94%	4.365%
91	13.286	1864	1867	1872	rBV	645073	859476	7.60%	1.750%
92	13.341	1872	1876	1879	rBV2	516618	739671	6.54%	1.506%
93	13.481	1896	1899	1904	rVB4	482543	612518	5.41%	1.247%
94	13.975	1977	1980	1984	rBV3	899008	1506583	13.31%	3.068%
95	14.188	2012	2015	2020	rBV3	961219	1276246	11.28%	2.599%
96	14.255	2023	2026	2032	rVB4	1526152	2548584	22.52%	5.190%
97	14.377	2043	2046	2050	rBV2	1729462	2408167	21.28%	4.904%
98	14.792	2111	2114	2117	rBV3	1825160	3002996	26.54%	6.115%
99	14.835	2118	2121	2128	rVB	5629005	9465966	83.65%	19.276%
100	15.322	2196	2201	2207	rVB	6811708	11316318	100.00%	23.044%

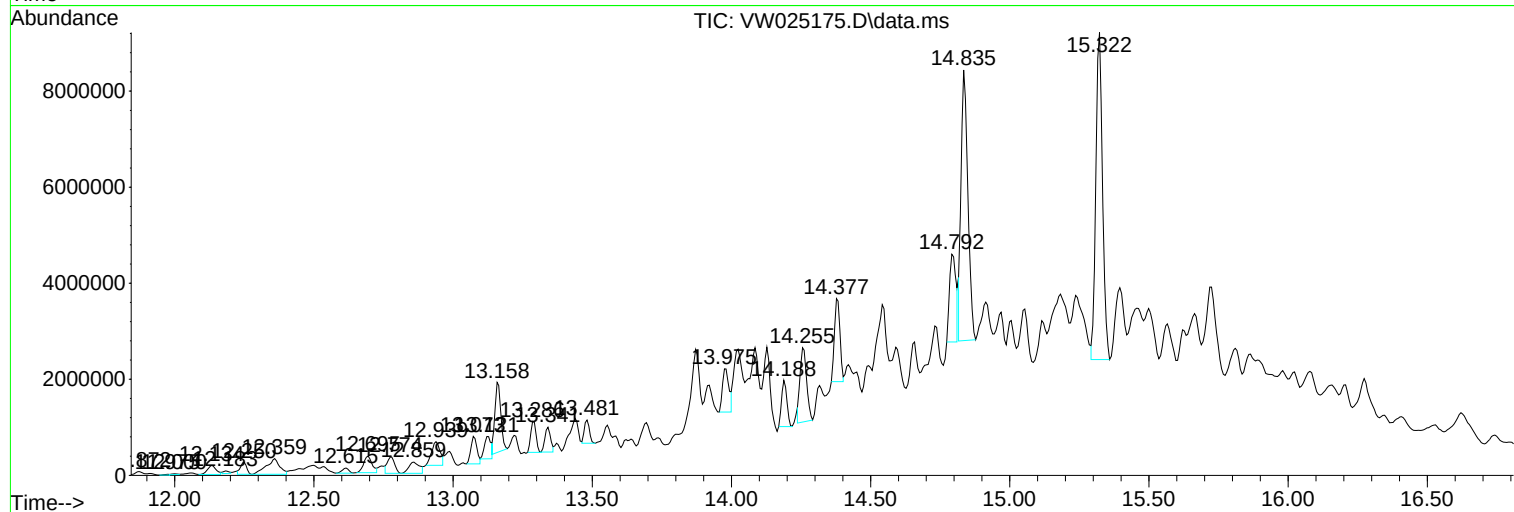
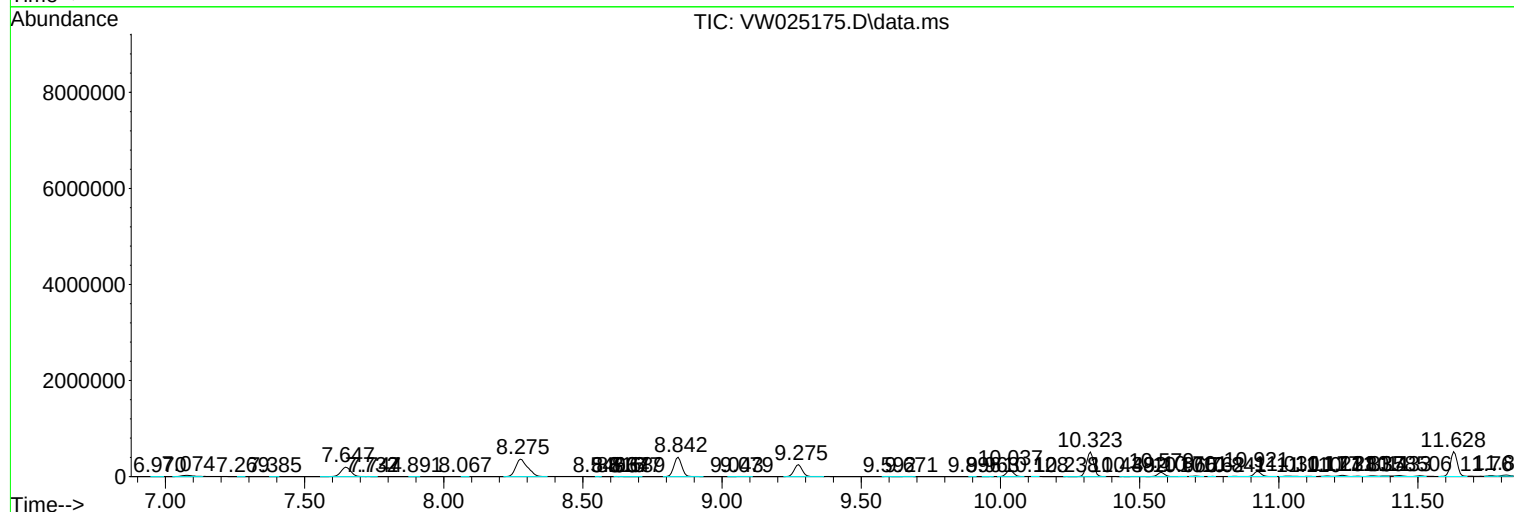
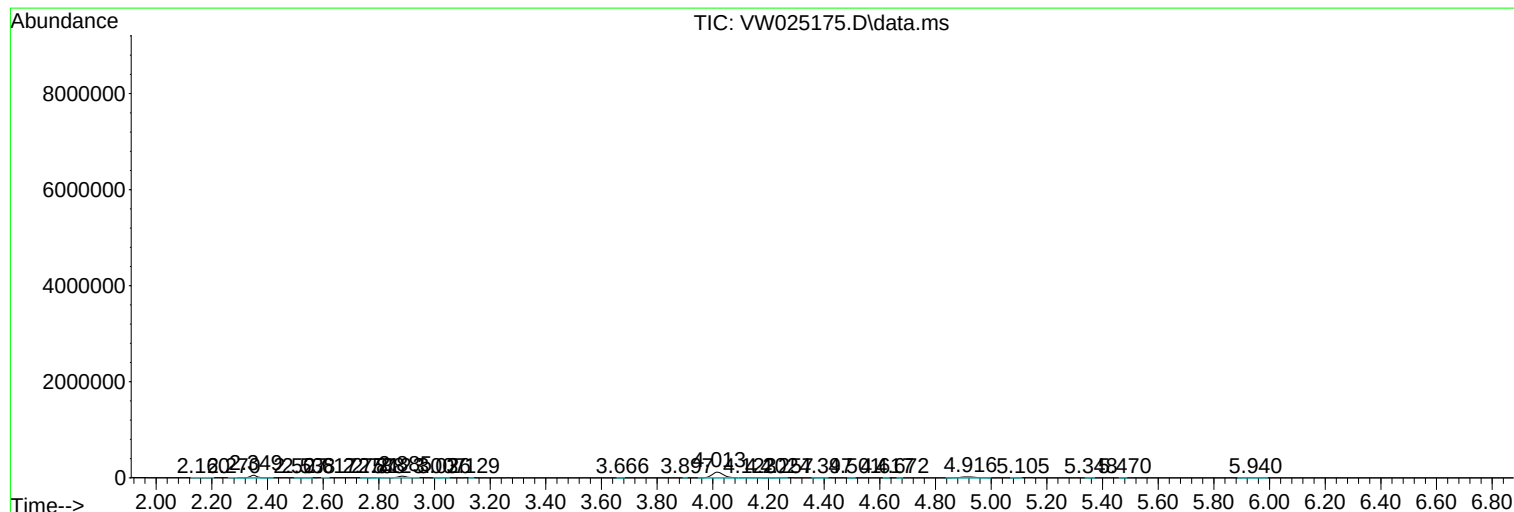
Sum of corrected areas: 49108206

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Instrument :
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ClientSampleId :
BGSL9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
ClientSampleId :
BGS9

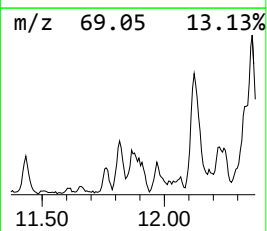
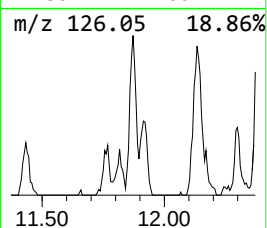
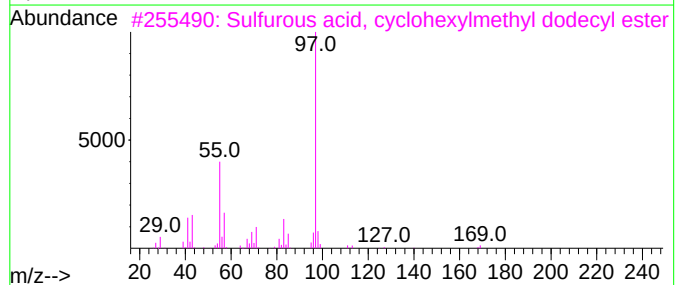
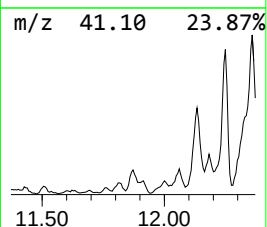
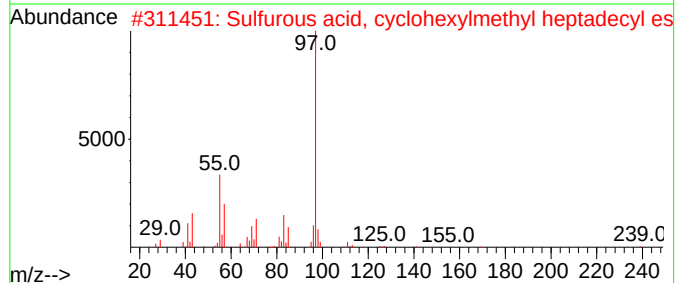
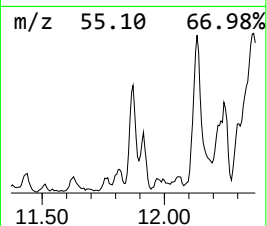
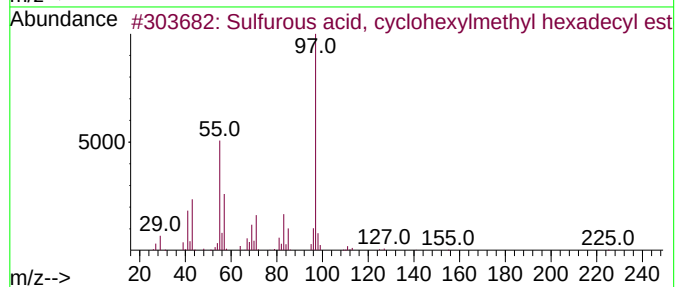
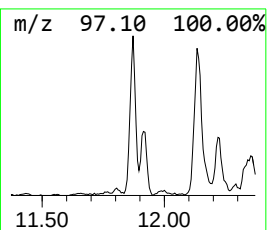
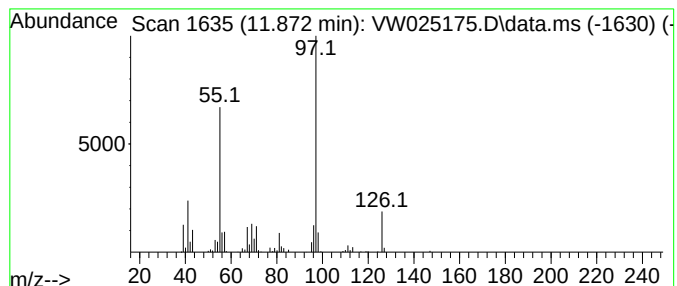
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Sulfurous acid, cyclohexylm... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.872	3.20 ug/L	113040	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	80
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	80
3			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	80
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76
5			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	72



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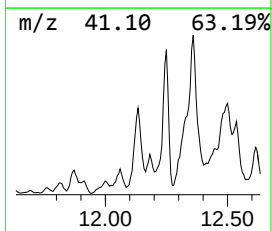
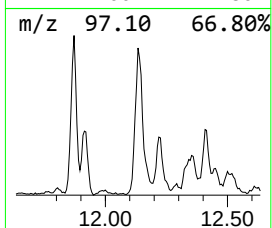
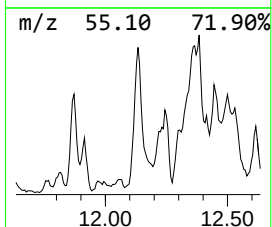
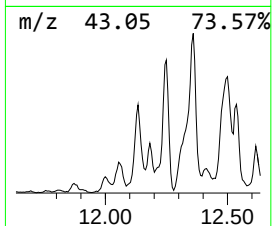
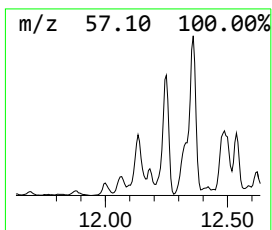
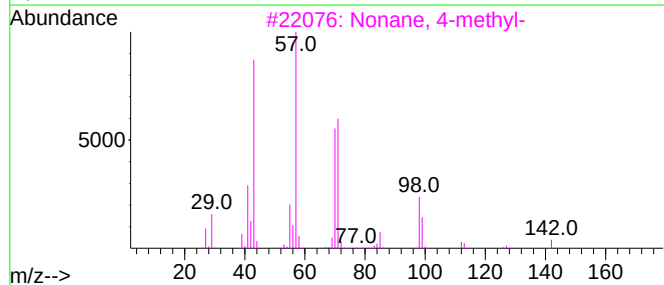
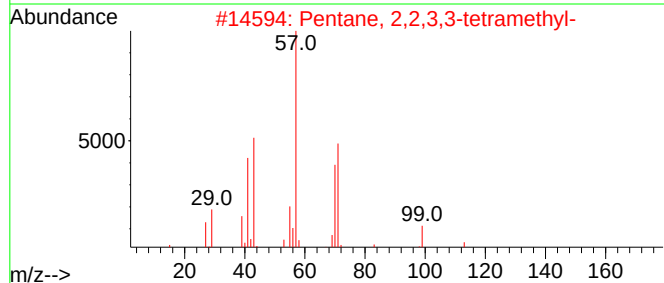
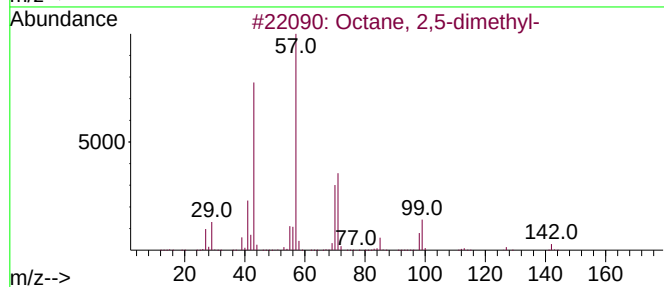
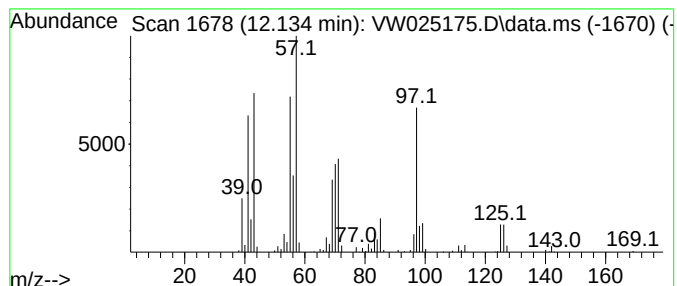
Instrument :
MSVOA_W
ClientSampleId :
BGS19

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.134	11.54 ug/L	407770	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-		142	C10H22	015869-89-3	52
2	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	43
3	Nonane, 4-methyl-		142	C10H22	017301-94-9	43
4	Hexane, 3-methyl-		100	C7H16	000589-34-4	38
5	6-Methyloctyl acetate		186	C11H22O2	1000439-66-5	35



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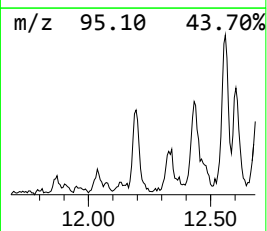
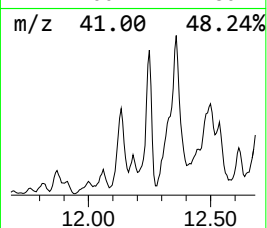
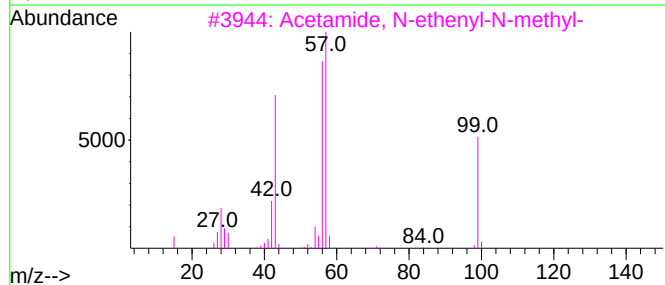
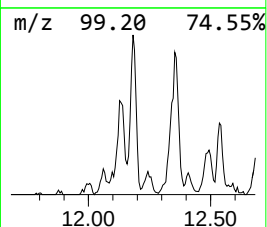
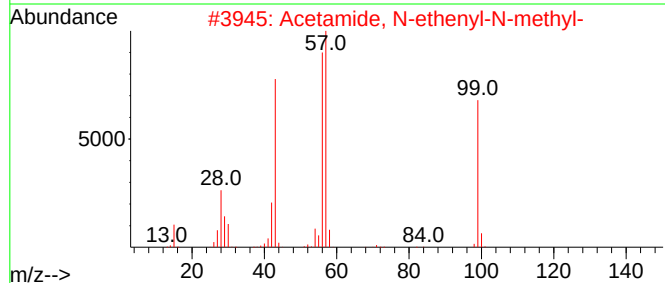
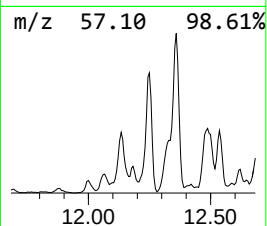
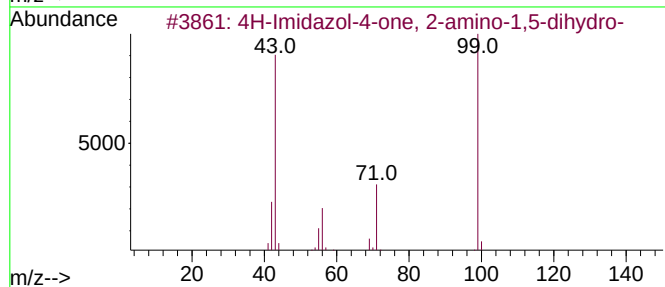
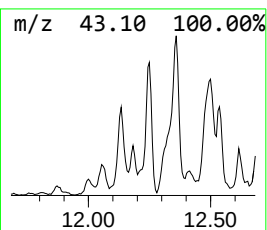
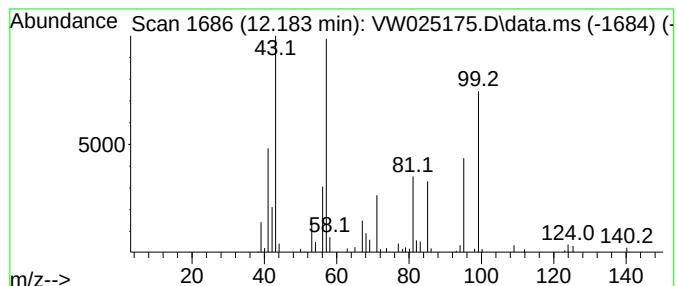
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.182	1.99 ug/L	70440	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	43
2			Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	38
3			Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	38
4			3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	32
5			Nonane	128	C9H20	000111-84-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

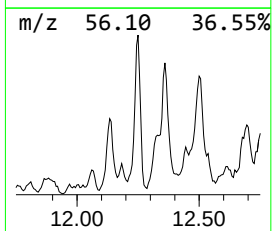
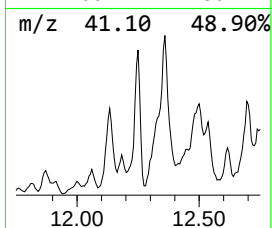
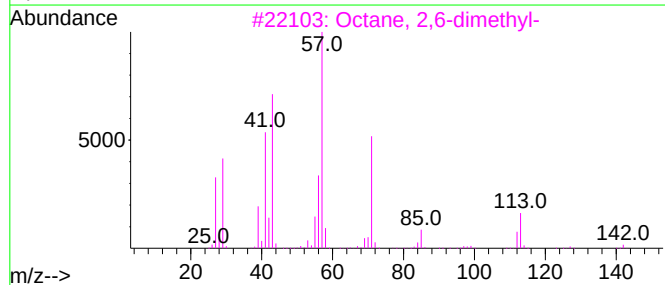
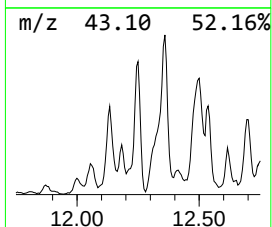
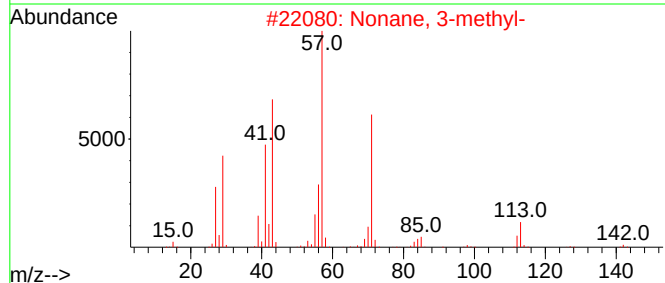
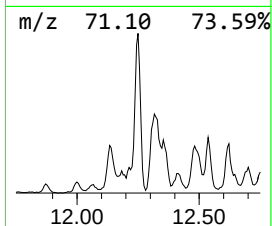
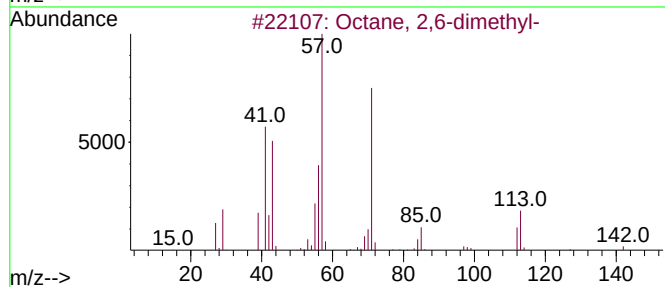
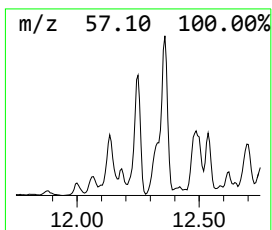
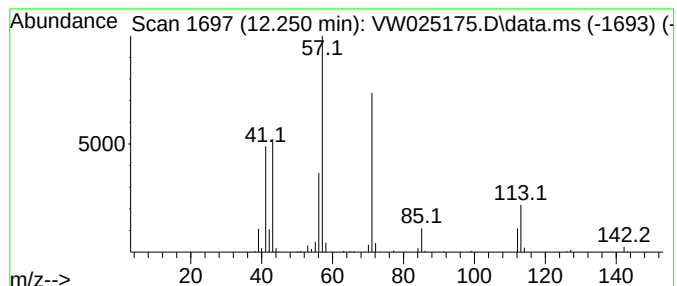
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.250	10.92 ug/L	386062	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS19

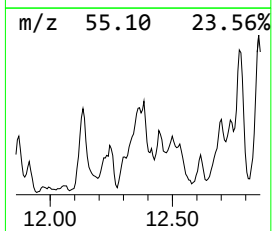
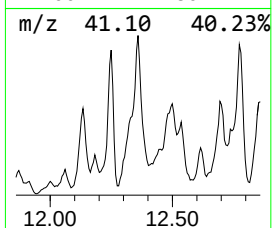
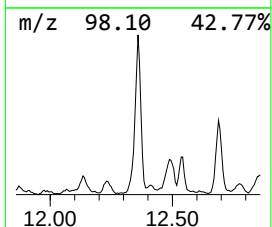
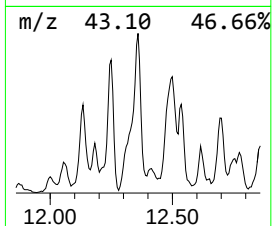
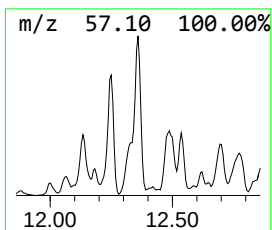
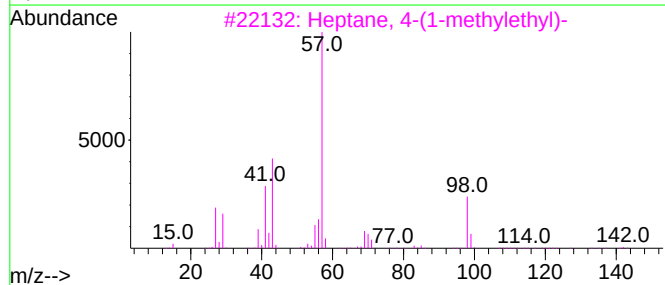
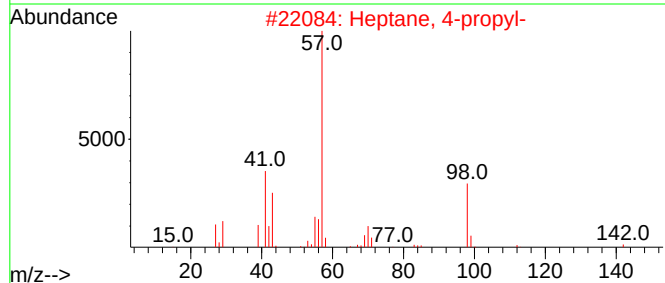
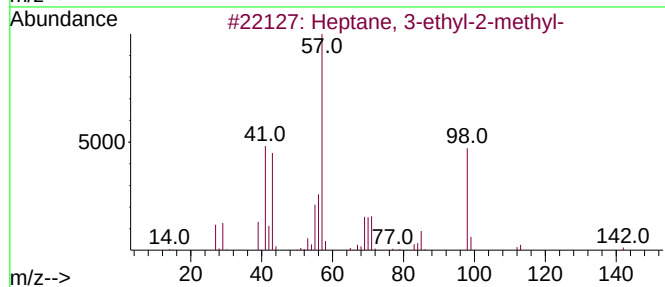
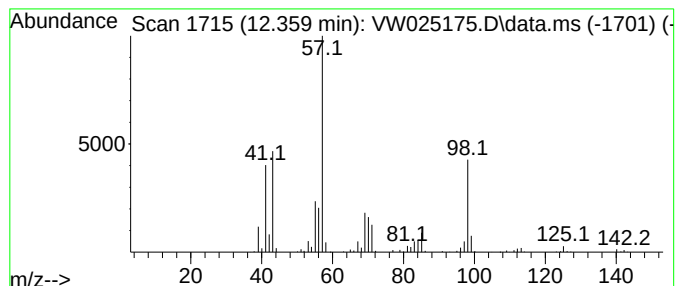
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	31.16 ug/L	1101140	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
4			Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	50
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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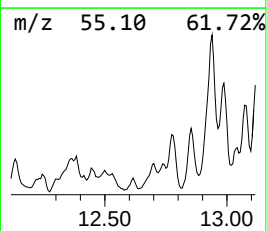
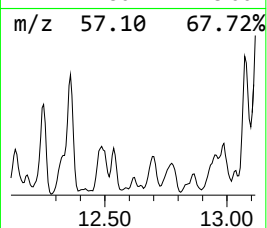
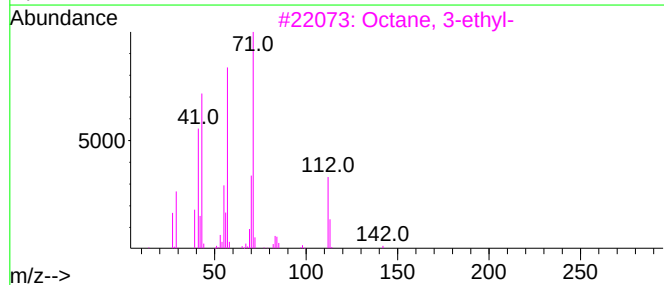
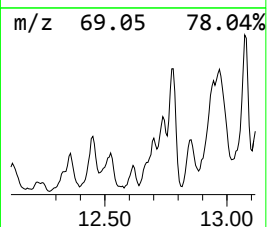
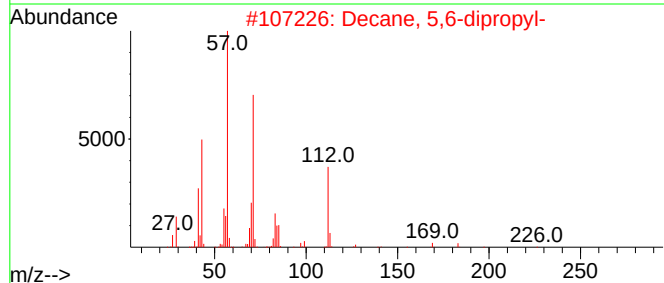
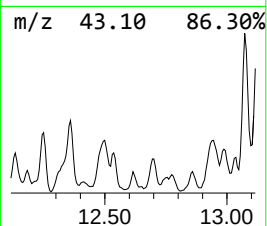
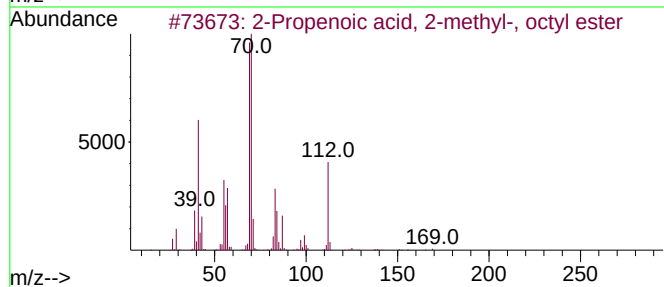
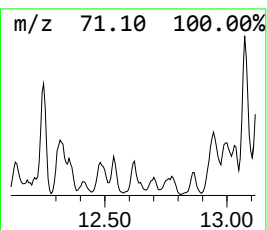
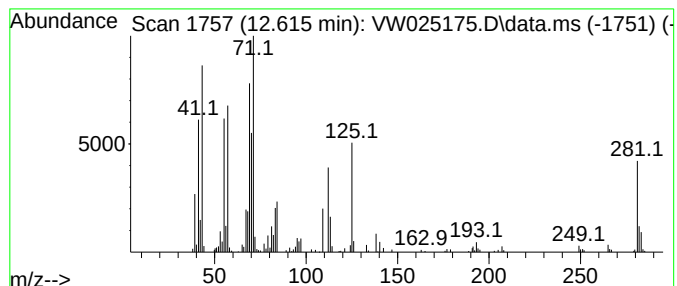
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	7.30 ug/L	178811	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	35
2			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	27
4			Formaldehyde, (2-butenyl)methylh...	112	C6H12N2	068661-51-8	25
5			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

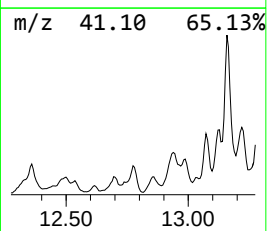
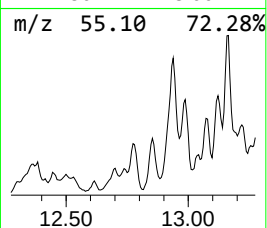
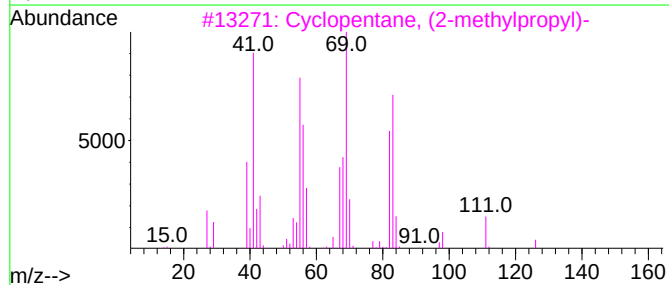
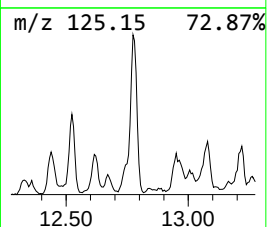
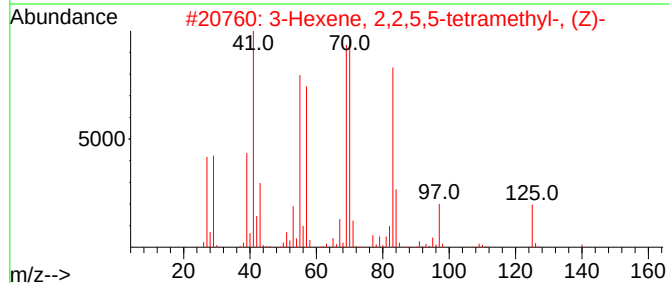
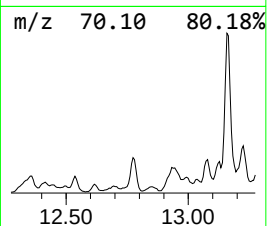
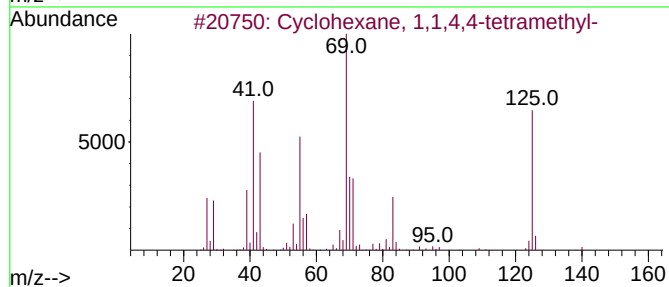
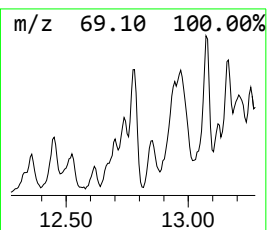
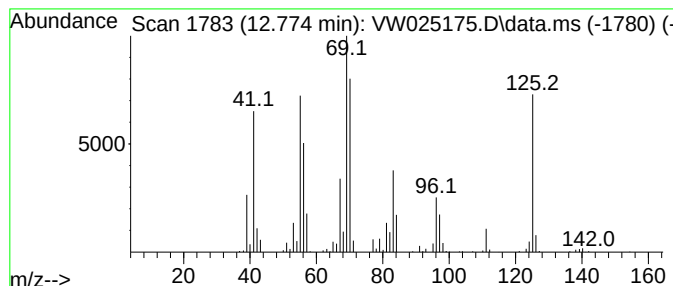
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.774 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.774	25.28 ug/L	619390	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-		140	C10H20	002223-52-1	46
2	3-Hexene, 2,2,5,5-tetramethyl-, ...		140	C10H20	000692-47-7	46
3	Cyclopentane, (2-methylpropyl)-		126	C9H18	003788-32-7	43
4	1-Octene, 3,3-dimethyl-		140	C10H20	074511-51-6	43
5	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-32-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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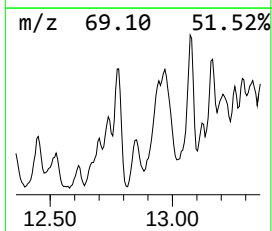
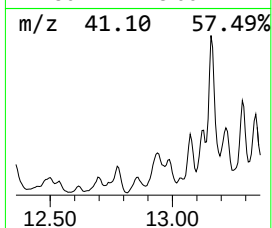
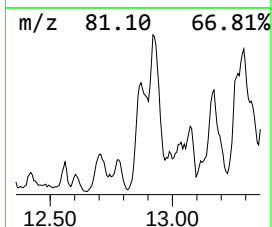
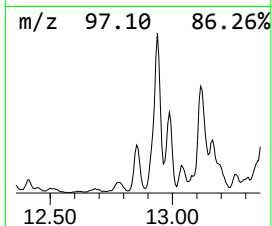
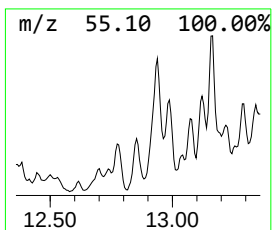
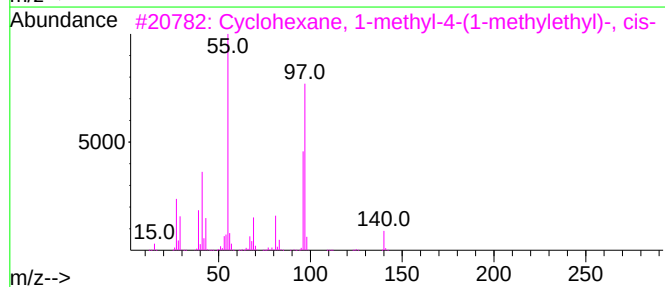
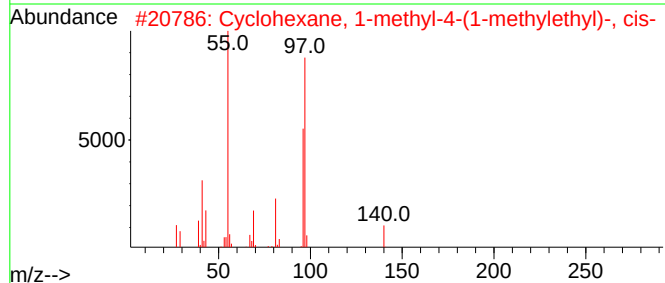
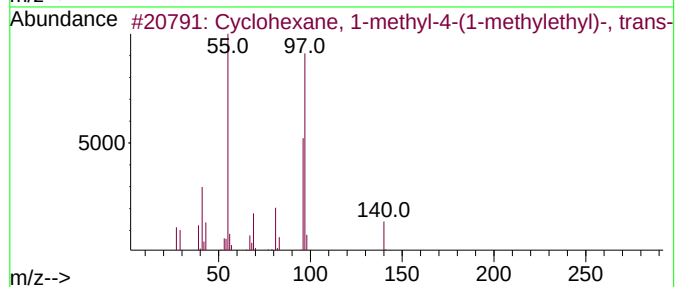
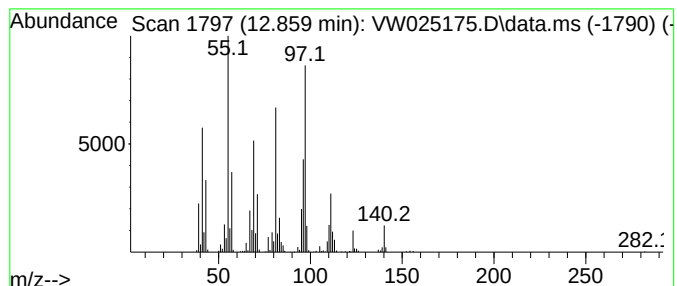
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.859 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	26.08 ug/L	638992	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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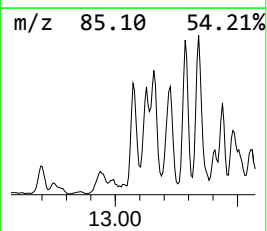
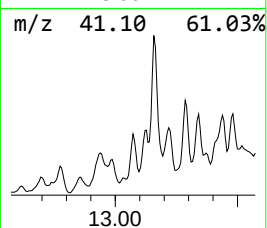
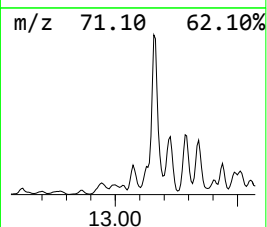
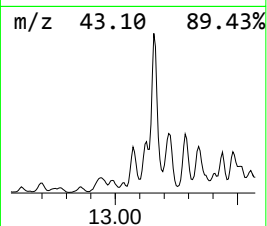
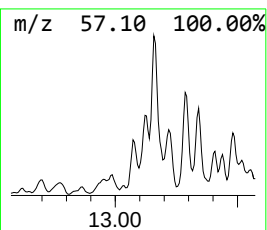
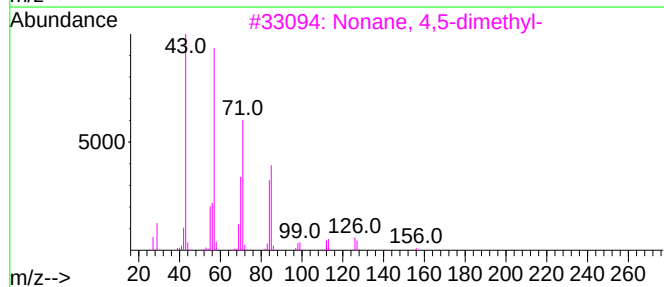
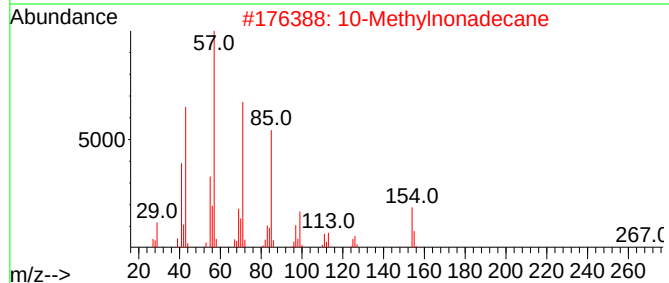
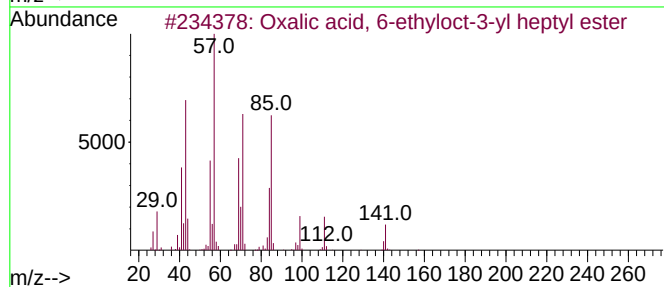
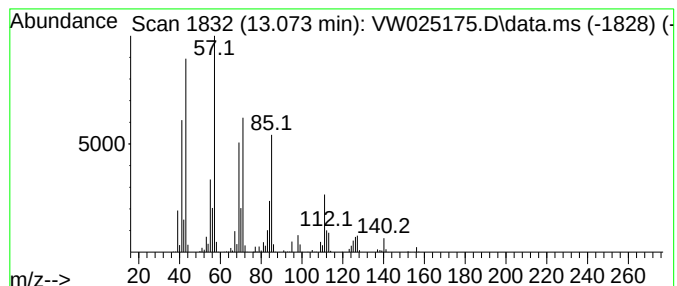
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Quant Title : SFAM01.0

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

Peak Number 11 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.073	36.01 ug/L	882243	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	80
2			10-Methylnonadecane	282	C20H42	056862-62-5	53
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
4			Octane, 2-methyl-	128	C9H20	003221-61-2	49
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

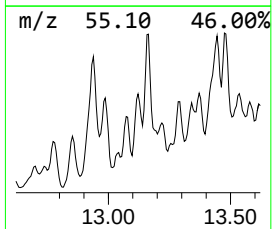
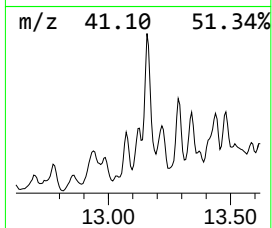
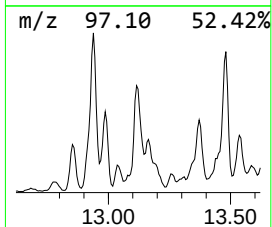
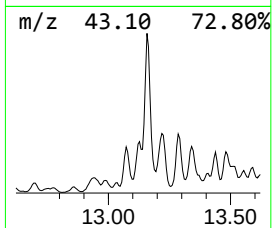
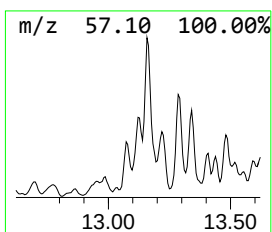
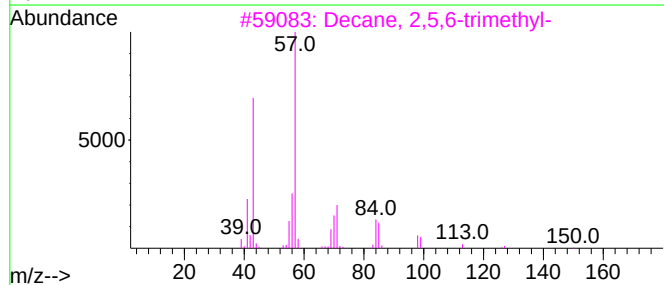
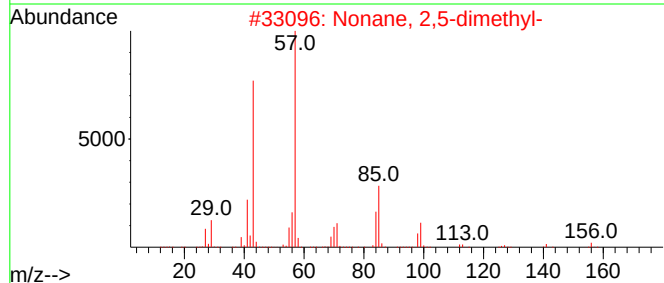
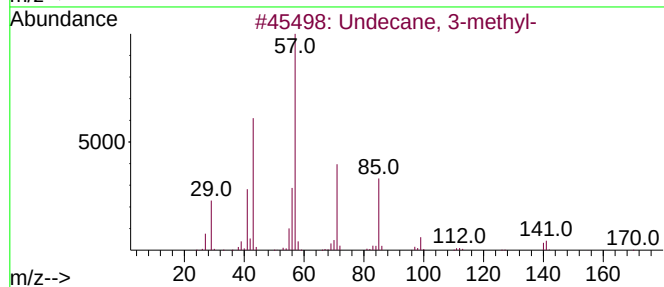
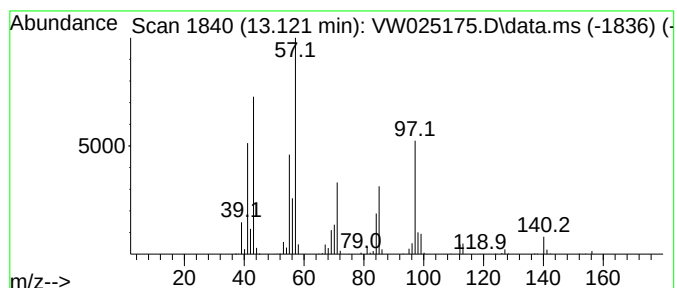
Instrument :
MSVOA_W
ClientSampleId :
BGS9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.121	32.28 ug/L	790970	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	49
2	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	46
3	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	43
4	Sulfurous acid, butyl undecyl ester		292	C15H32O3S	1000309-17-8	43
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS19

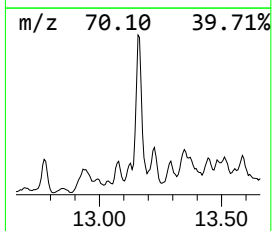
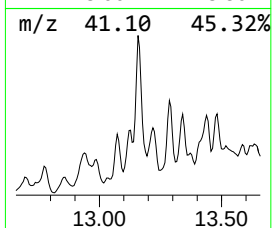
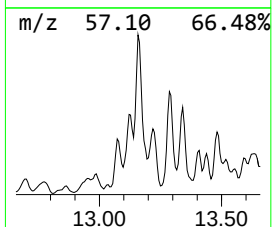
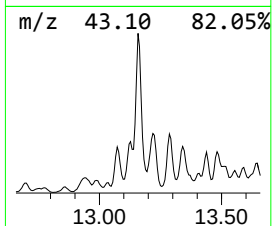
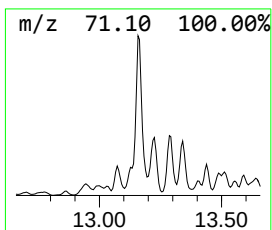
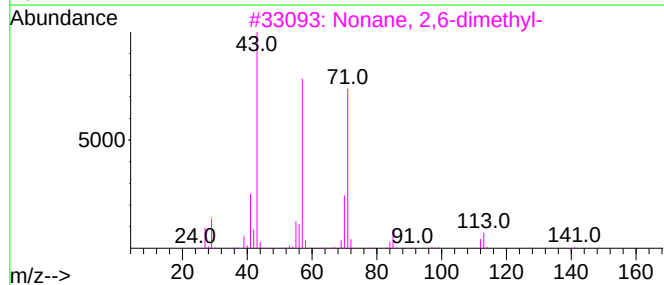
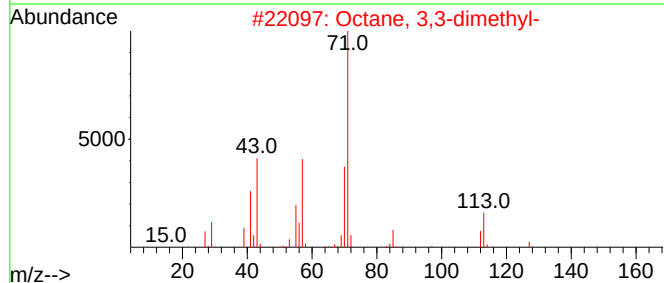
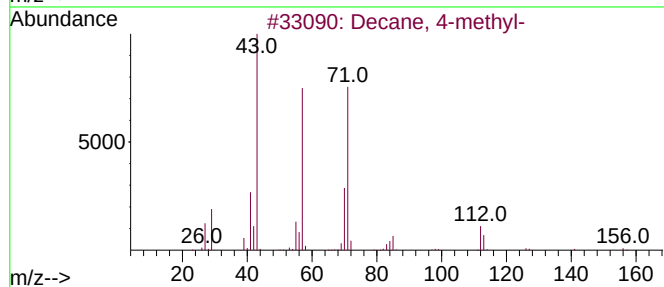
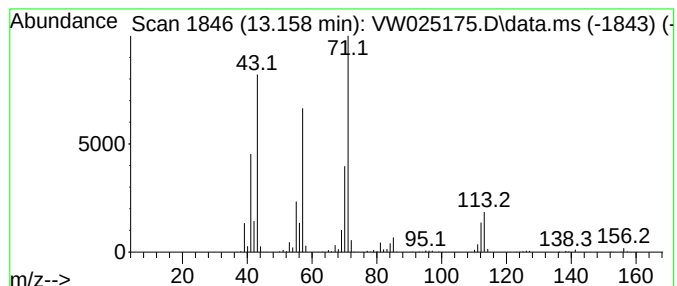
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	87.49 ug/L	2143640	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	86
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	74
4			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	72
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

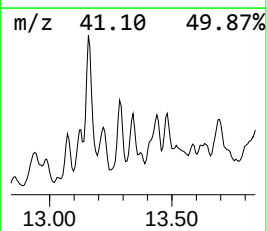
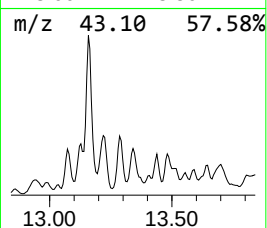
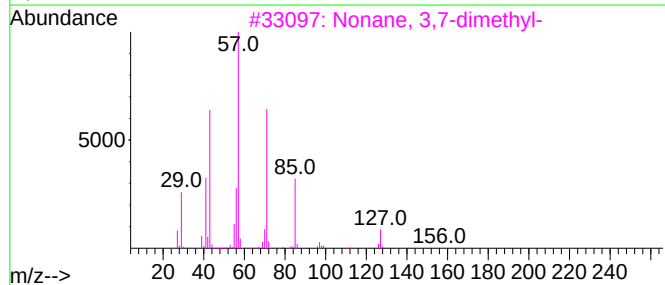
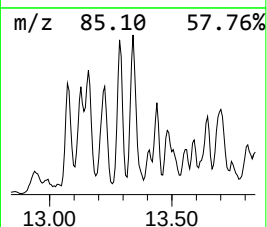
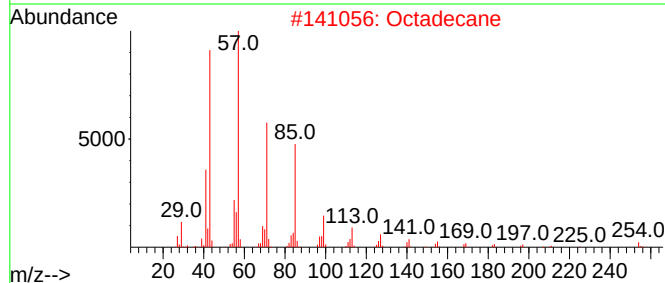
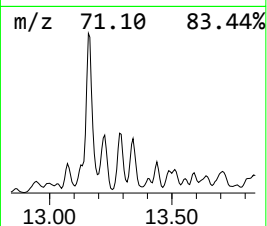
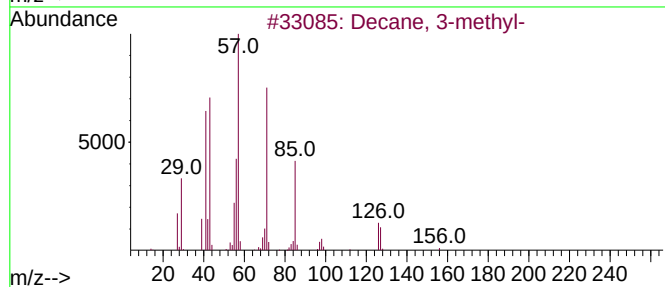
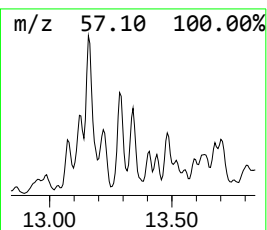
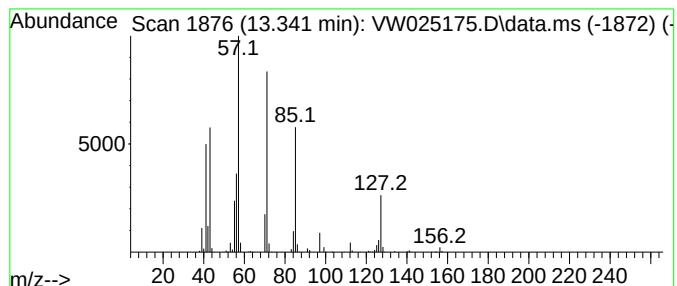
Instrument :
MSVOA_W
ClientSampleId :
BGSL9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.341	30.19 ug/L	739671	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	72
2	Octadecane		254	C18H38	000593-45-3	72
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	72
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS19

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

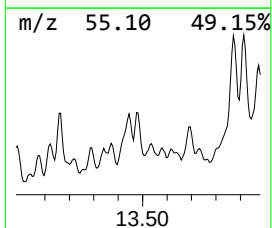
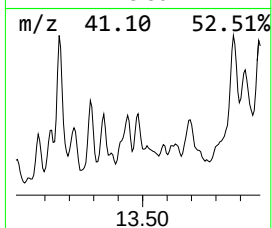
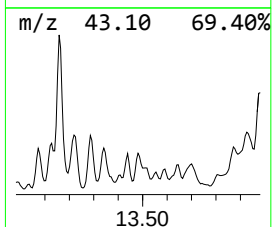
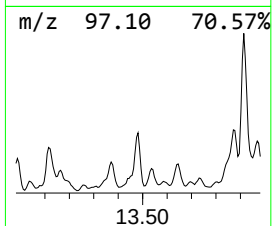
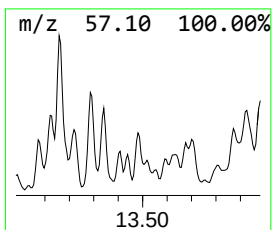
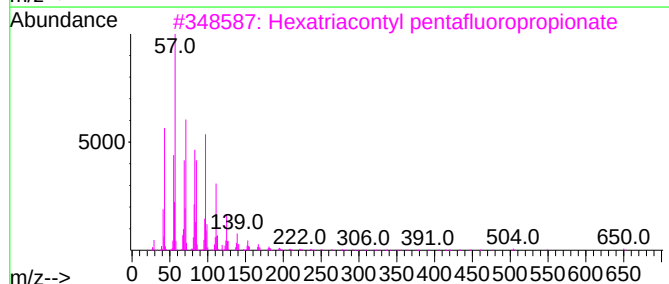
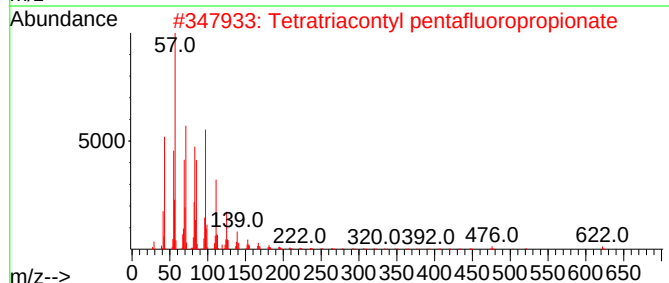
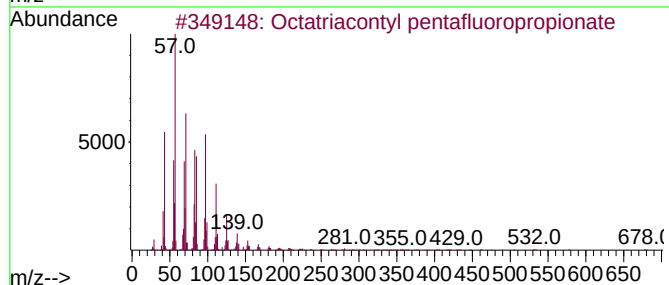
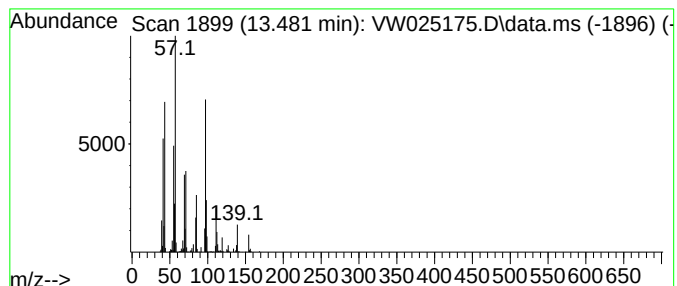
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-03

Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	25.00 ug/L	612518	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	47
2			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	47
3			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	47
4			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	47
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

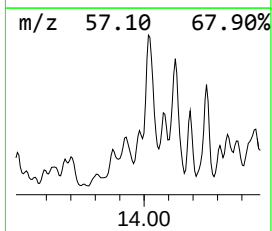
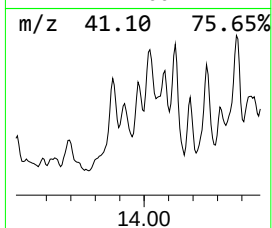
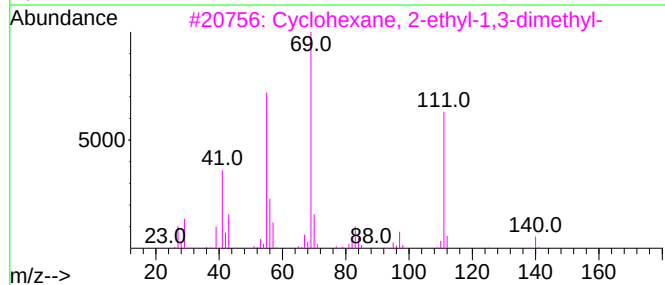
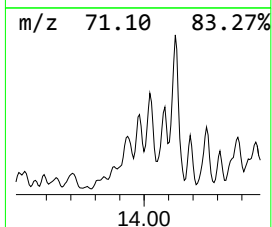
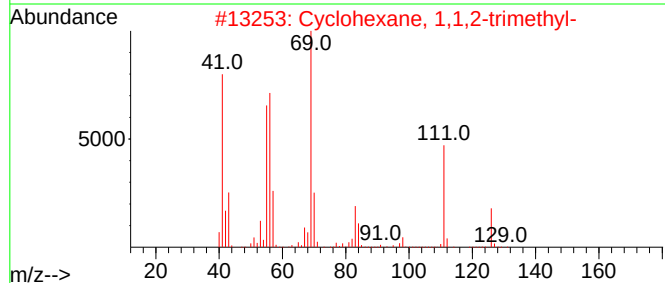
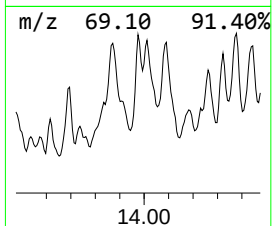
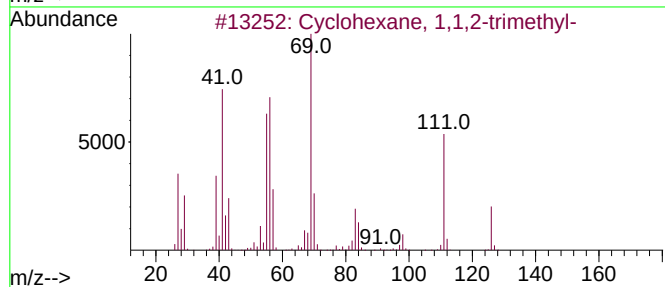
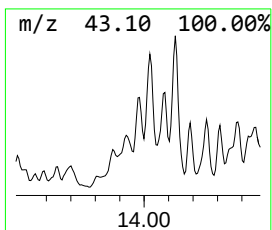
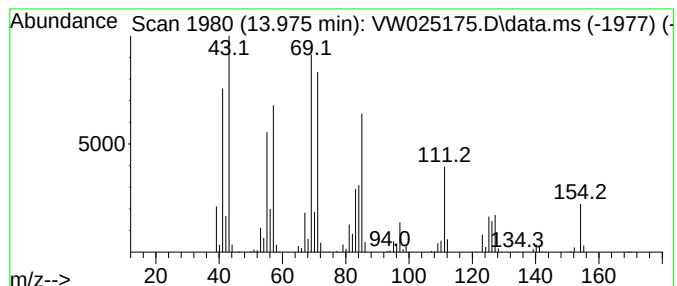
Instrument :
MSVOA_W
ClientSampleId :
BGS9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic13.975 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.975	61.49 ug/L	1506580	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	38
2	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	38
3	Cyclohexane, 2-ethyl-1,3-dimethyl-		140	C10H20	007045-67-2	30
4	2,3,4-Trimethyl-hex-3-enal		140	C9H16O	1000193-72-9	30
5	Cyclohexane, 1,3,5-trimethyl-, (...)		126	C9H18	001795-26-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS19

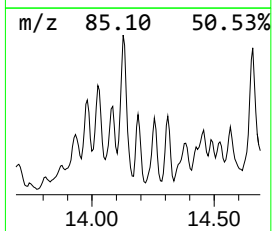
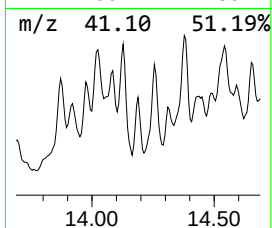
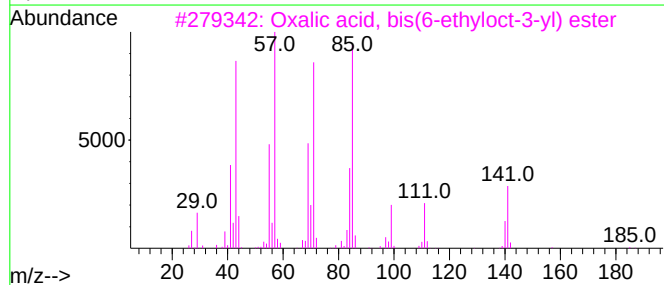
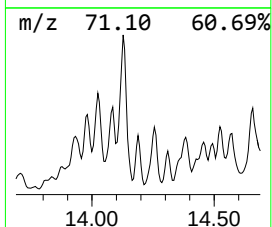
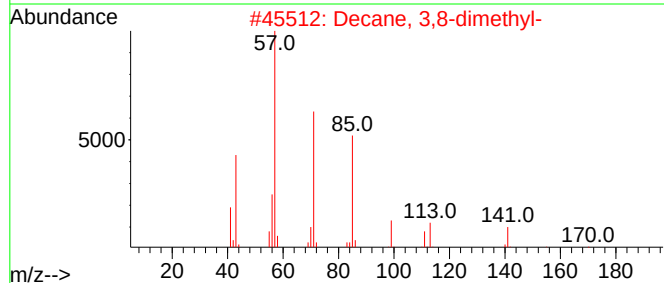
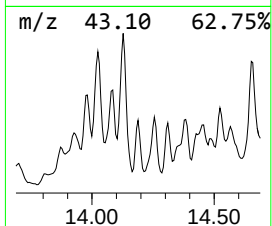
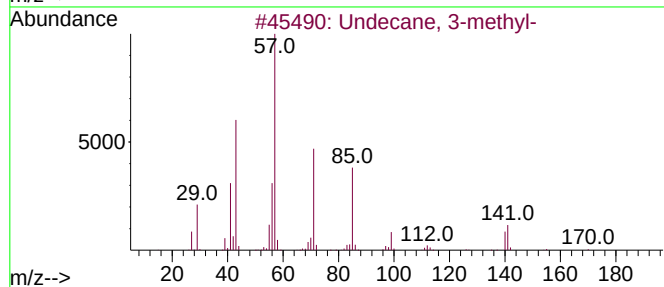
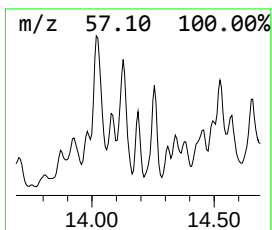
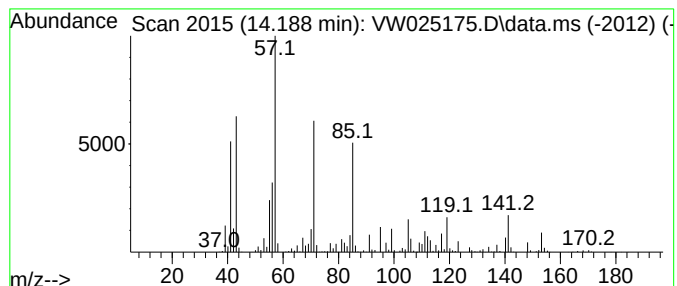
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	52.09 ug/L	1276250	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	81
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
3			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	53
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS19

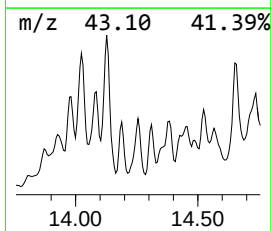
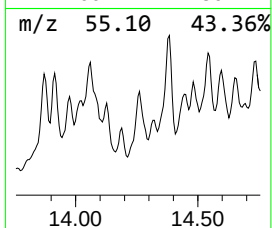
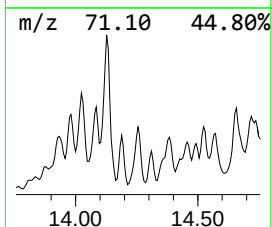
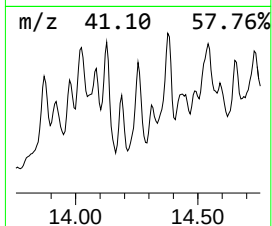
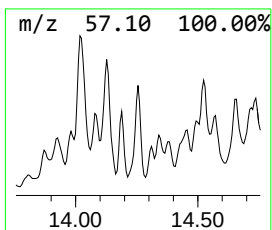
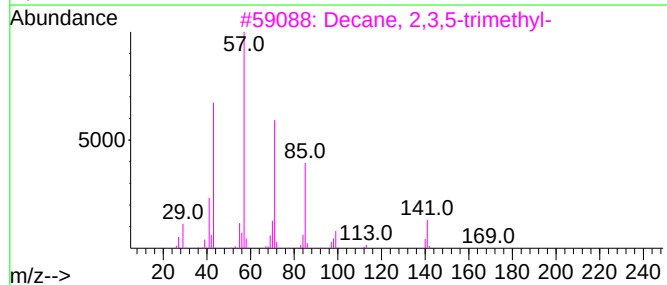
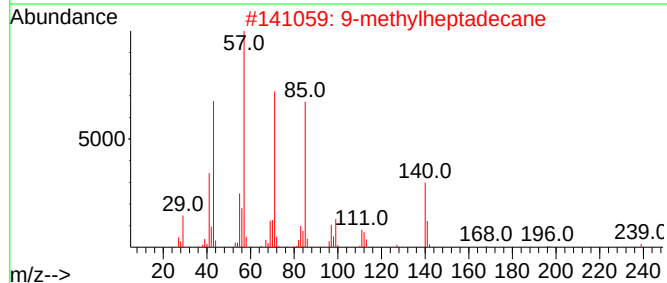
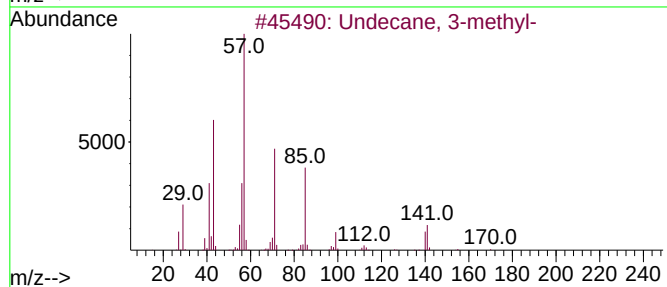
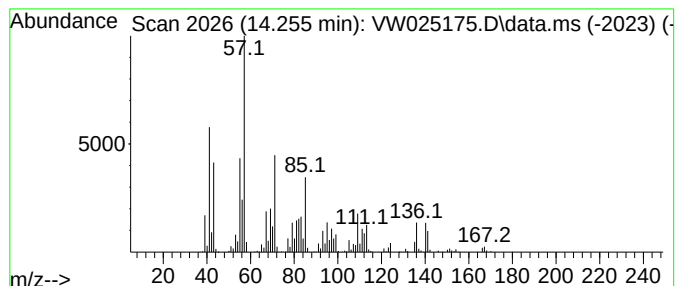
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	104.02 ug/L	2548580	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	55
2			9-methylheptadecane	254	C18H38	026741-18-4	50
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	46
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS9

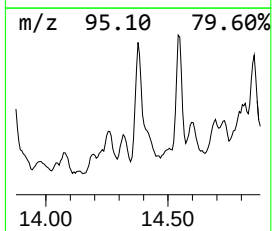
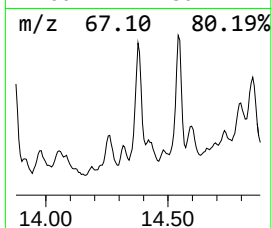
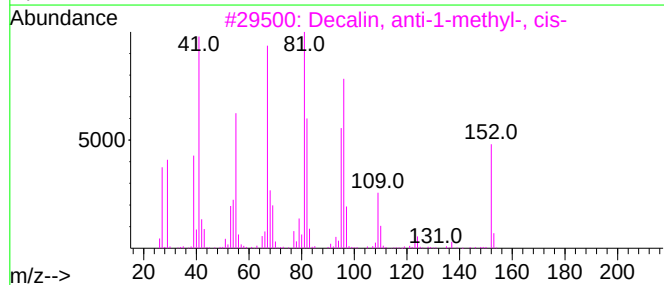
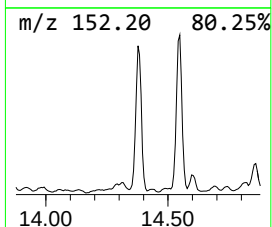
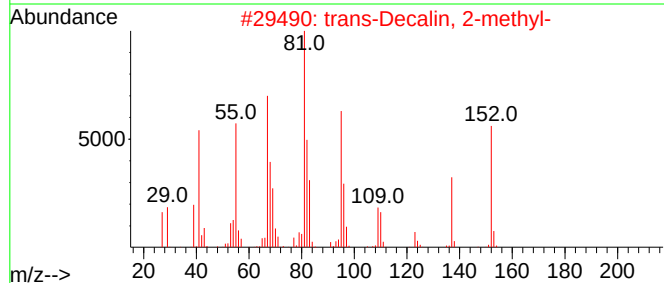
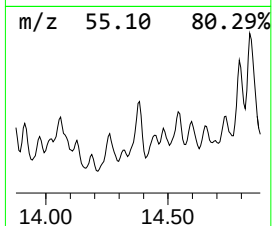
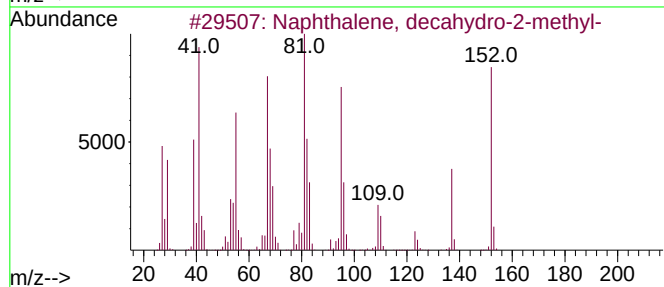
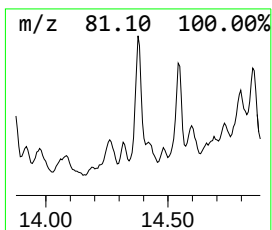
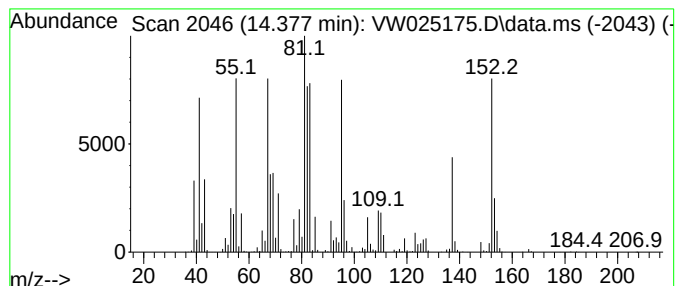
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Quant Title : SFAM01.0

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

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.377	98.29 ug/L	2408170	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	58
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS9

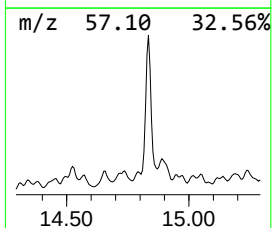
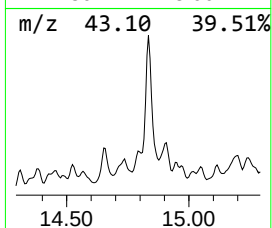
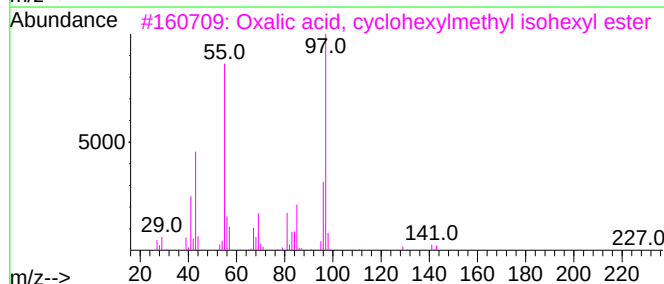
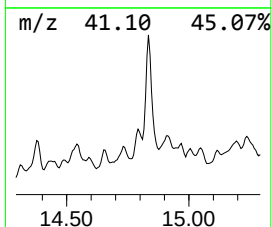
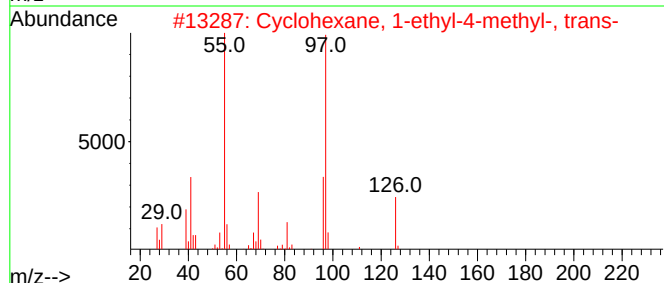
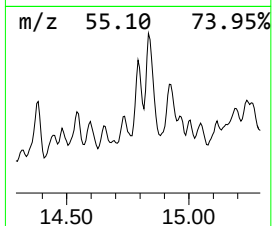
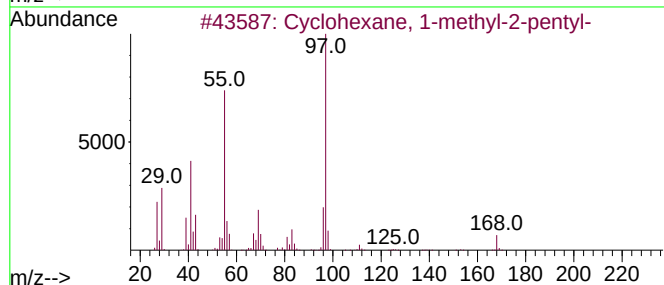
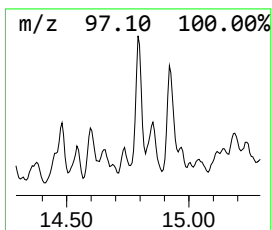
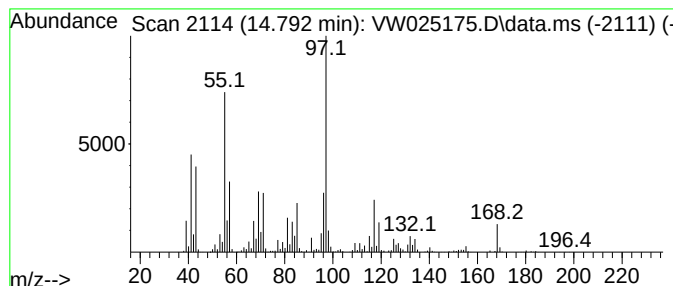
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic14.792 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	122.57 ug/L	3003000	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	60
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	58
4			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	58
5			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSL9

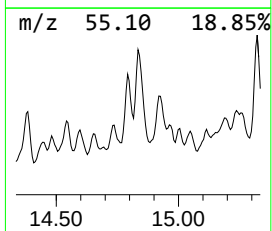
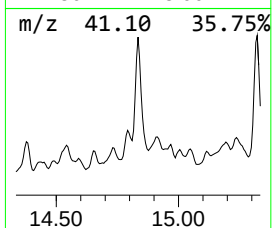
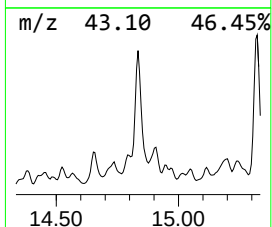
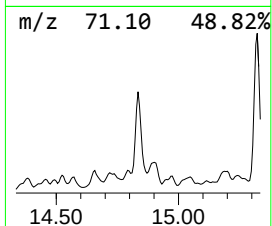
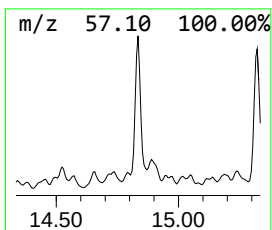
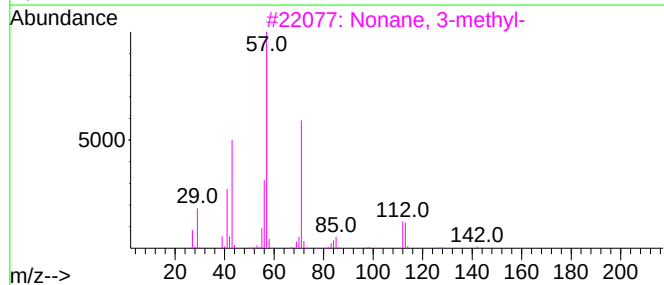
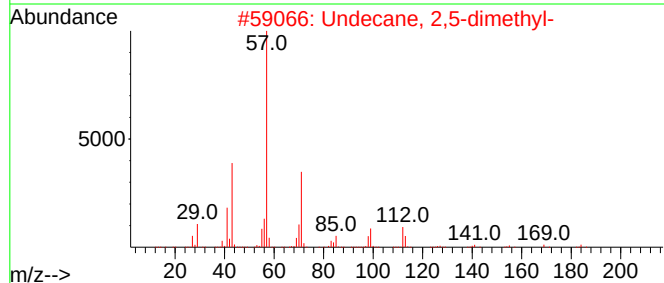
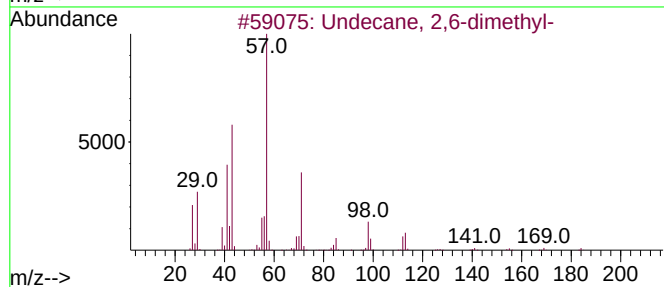
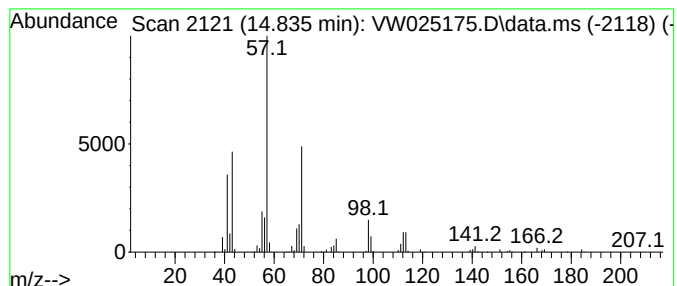
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.835	386.36 ug/L	9465970	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	94
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	68
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGS9

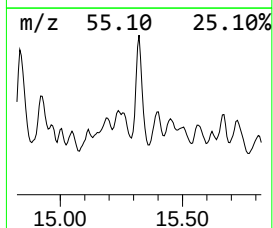
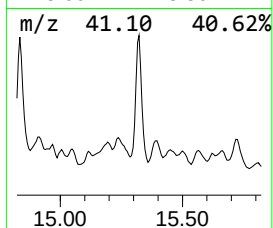
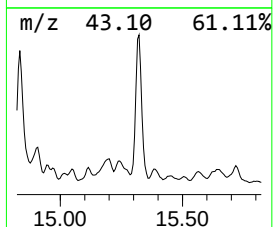
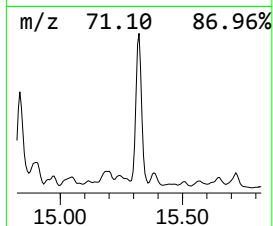
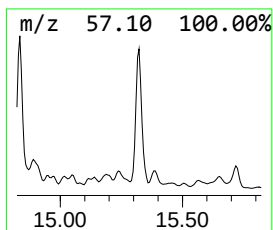
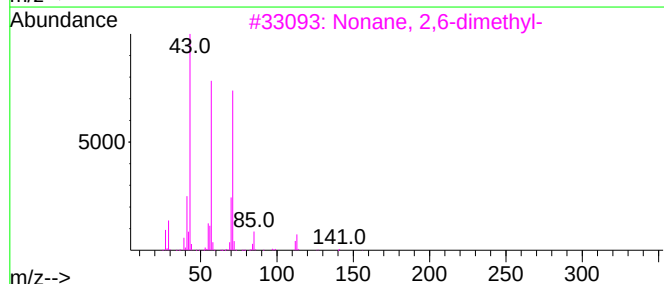
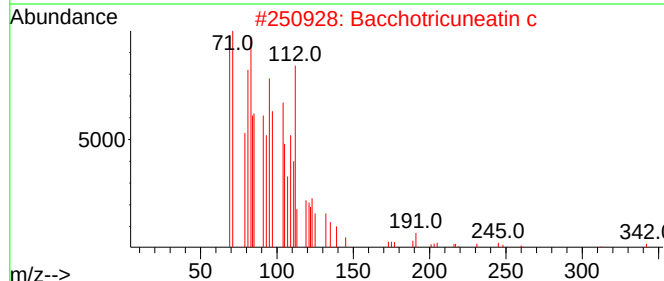
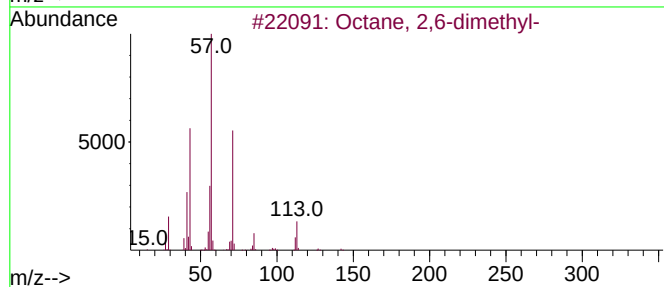
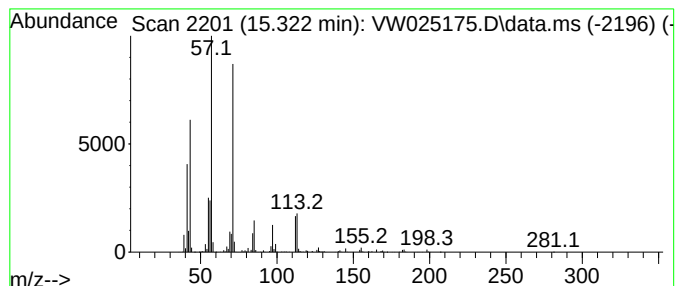
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	461.88 ug/L	11316300	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4		3-Bromooctane	192	C8H17Br	000999-64-4	58
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025175.D
Acq On : 23 Dec 2022 00:48
Operator : SY/MD
Sample : N6193-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSL9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.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
Sulfurous acid,...	11.872	3.2	ug/L	113040	2	11.628	883500	25.0
(DEL) Alkane: S...	12.134	11.5	ug/L	407770	2	11.628	883500	25.0
unknown-01	12.182	2.0	ug/L	70440	2	11.628	883500	25.0
(DEL) Alkane: S...	12.250	10.9	ug/L	386062	2	11.628	883500	25.0
(DEL) Alkane: S...	12.359	31.2	ug/L	1101140	2	11.628	883500	25.0
unknown-02	12.615	7.3	ug/L	178811	3	13.554	612518	25.0
(DEL) Alkane: C...	12.774	25.3	ug/L	619390	3	13.554	612518	25.0
(DEL) Alkane: C...	12.859	26.1	ug/L	638992	3	13.554	612518	25.0
Oxalic acid, 6-...	13.073	36.0	ug/L	882243	3	13.554	612518	25.0
(DEL) Alkane: S...	13.121	32.3	ug/L	790970	3	13.554	612518	25.0
(DEL) Alkane: S...	13.158	87.5	ug/L	2143640	3	13.554	612518	25.0
(DEL) Alkane: S...	13.341	30.2	ug/L	739671	3	13.554	612518	25.0
unknown-03	13.481	25.0	ug/L	612518	3	13.554	612518	25.0
(DEL) Alkane: C...	13.975	61.5	ug/L	1506580	3	13.554	612518	25.0
(DEL) Alkane: S...	14.188	52.1	ug/L	1276250	3	13.554	612518	25.0
(DEL) Alkane: S...	14.255	104.0	ug/L	2548580	3	13.554	612518	25.0
Naphthalene, de...	14.377	98.3	ug/L	2408170	3	13.554	612518	25.0
(DEL) Alkane: C...	14.792	122.6	ug/L	3003000	3	13.554	612518	25.0
(DEL) Alkane: S...	14.835	386.4	ug/L	9465970	3	13.554	612518	25.0
(DEL) Alkane: S...	15.322	461.9	ug/L	11316300	3	13.554	612518	25.0