LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

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\SFAMWLM040722SMA.M
Title : SFAM01.0

Signal : TIC: VW022491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	4	9	29	rVB	801427	1187164	41.84%	4.784%
2	2.355	67	74	84	rBV	138599	257108	9.06%	1.036%
3	2.495	93	97	103	rBV2	9318	18534	0.65%	0.075%
4	2.629	115	119	125	rBV5	10149	27818	0.98%	0.112%
5	2.892	155	162	172	rVB	82955	181725	6.41%	0.732%
6	3.020	181	183	188	rVB5	6131	9845	0.35%	0.040%
7	3.391	237	244	251	rVB3	11495	24224	0.85%	0.098%
8	3.940	325	334	337	rVV7	4607	12488	0.44%	0.050%
9	4.026	338	348	360	rVV2	156371	491439	17.32%	1.980%
10	4.129	362	365	370	rVV	9130	17203	0.61%	0.069%
11	4.208	371	378	389	rVB3	18655	55166	1.94%	0.222%
12	4.379	398	406	408	rBV6	3471	7057	0.25%	0.028%
13	5.013	487	510	524	rVV2	86421	345167	12.17%	1.391%
14	5.184	535	538	547	rVB10	3129	7350	0.26%	0.030%
15	5.440	572	580	590	rVB5	4862	15247	0.54%	0.061%
16	5.568	590	601	610	rBV2	27804	81013	2.86%	0.326%
17	5.946	653	663	673	rBV3	12514	38225	1.35%	0.154%
18	6.110	681	690	699	rBV3	4098	12860	0.45%	0.052%
19	6.994	823	835	842	rBV6	18996	64097	2.26%	0.258%
20	7.080	842	849	862	rBV2	71376	237404	8.37%	0.957%
21	7.647	932	942	958	rBV	292031	731017	25.77%	2.946%
22	7.958	983	993	1001	rVB3	18082	50381	1.78%	0.203%
23	8.037	1001	1006	1012	rBV4	4913	11825	0.42%	0.048%
24	8.159	1018	1026	1031	rBV8	3254	7568	0.27%	0.030%
25	8.281	1034	1046	1047	rBV	515254	1011292	35.64%	4.075%
26	8.324	1048	1053	1063	rVB	1216975	2837231	100.00%	11.432%
27	8.439	1068	1072	1078	rVV7	9867	27124	0.96%	0.109%
28	8.506	1078	1083	1088	rVV8	8547	21708	0.77%	0.087%
29	8.573	1088	1094	1103	rVB9	13782	35593	1.25%	0.143%
30	8.695	1109	1114	1119	rBV7	4826	12477	0.44%	0.050%
31	8.842	1129	1138	1150	rBV	505321	1015314	35.79%	4.091%
32	8.988	1156	1162	1166	rBV6	4243	7734	0.27%	0.031%
33	9.092	1166	1179	1187	rVV	138474	305282	10.76%	1.230%
34	9.153	1187	1189	1196	rVB6	5461	8474	0.30%	0.034%
35	9.275	1200	1209	1215	rBV	385550	801459	28.25%	3.229%
36	9.336	1215	1219	1237	rVB4	62969	155231	5.47%	0.625%

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Instrument :
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ClientSampleId :
ETNR2

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\SFAMWLM040722SMA.M
Title : SFAM01.0

37	9.506	1239	1247	1259	rVB	71498	154734	5.45%	0.623%
38	9.963	1315	1322	1327	rBV	93384	173642	6.12%	0.700%
39	10.037	1327	1334	1342	rVV	215300	393157	13.86%	1.584%
40	10.323	1373	1381	1387	rBV	738617	1331683	46.94%	5.366%
41	10.384	1387	1391	1399	rVB2	196330	350187	12.34%	1.411%
42	10.482	1403	1407	1408	rBV4	5962	7125	0.25%	0.029%
43	10.579	1416	1423	1431	rVB	144338	255966	9.02%	1.031%
44	10.665	1431	1437	1439	rBV5	8114	13357	0.47%	0.054%
45	10.719	1439	1446	1458	rVB4	30336	77669	2.74%	0.313%
46	10.927	1472	1480	1490	rBV2	1340104	2431749	85.71%	9.799%
47	11.055	1498	1501	1508	rBV8	4525	7579	0.27%	0.031%
48	11.171	1518	1520	1528	rVB6	5461	9321	0.33%	0.038%
49	11.292	1534	1540	1546	rBV2	11053	21226	0.75%	0.086%
50	11.481	1566	1571	1577	rVB6	5165	10551	0.37%	0.043%
51	11.634	1587	1596	1597	rBV	815612	1287881	45.39%	5.189%
52	11.725	1605	1611	1620	rVB2	141401	319432	11.26%	1.287%
53	11.841	1623	1630	1636	rVB2	29002	55479	1.96%	0.224%
54	11.951	1641	1648	1658	rBV4	6351	15132	0.53%	0.061%
55	12.164	1677	1683	1690	rVB	37510	65578	2.31%	0.264%
56	12.463	1726	1732	1737	rBV	47241	71265	2.51%	0.287%
57	12.530	1737	1743	1747	rVB2	7926	12337	0.43%	0.050%
58	12.603	1749	1755	1760	rBV4	14297	27636	0.97%	0.111%
59	12.689	1760	1769	1773	rVV	401456	680626	23.99%	2.743%
60	12.743	1773	1778	1784	rVV	1512520	2469367	87.03%	9.950%
61	12.804	1784	1788	1794	rVV	65292	104053	3.67%	0.419%
62	12.890	1794	1802	1813	rVV	174010	311737	10.99%	1.256%
63	12.987	1813	1818	1828	rVV	82161	142083	5.01%	0.573%
64	13.097	1828	1836	1843	rVB	116496	194600	6.86%	0.784%
65	13.243	1845	1860	1877	rBV	33287	164269	5.79%	0.662%
66	13.384	1877	1883	1886	rVV6	4903	10477	0.37%	0.042%
67	13.493	1897	1901	1903	rVV5	6279	8273	0.29%	0.033%
68	13.554	1903	1911	1922	rVV	795650	1353743	47.71%	5.455%
69	13.646	1922	1926	1931	rVB7	13568	24861	0.88%	0.100%
70	13.713	1931	1937	1942	rBV3	16585	30908	1.09%	0.125%
71	13.798	1948	1951	1953	rVV3	9051	13712	0.48%	0.055%
72	13.853	1953	1960	1970	rVV	689313	1209415	42.63%	4.873%
73	13.951	1970	1976	1980	rVV	26202	51743	1.82%	0.208%
74	14.005	1980	1985	1989	rVV3	19890	36703	1.29%	0.148%
75	14.091	1991	1999	2007	rVB2	42938	89262	3.15%	0.360%
76	14.207	2010	2018	2024	rBV2	42605	82138	2.90%	0.331%

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
ETNR2

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

77	14.268	2024	2028	2032	rBV6	4648	7506	0.26%	0.030%
78	14.335	2032	2039	2044	rVB2	22494	40310	1.42%	0.162%
79	14.414	2048	2052	2055	rBV2	7554	11958	0.42%	0.048%
80	14.469	2055	2061	2066	rBV	71543	115907	4.09%	0.467%
81	14.518	2066	2069	2074	rVV4	7303	9927	0.35%	0.040%
82	14.719	2100	2102	2107	rVV5	4527	7412	0.26%	0.030%
83	14.786	2108	2113	2121	rVV	57412	99626	3.51%	0.401%
84	14.859	2121	2125	2131	rVB5	14660	30807	1.09%	0.124%
85	14.944	2137	2139	2147	rVB7	9094	16531	0.58%	0.067%
86	15.060	2151	2158	2162	rBV7	12681	26896	0.95%	0.108%
87	15.237	2185	2187	2195	rVB9	5433	10545	0.37%	0.042%
88	15.334	2195	2203	2210	rBV9	7786	19456	0.69%	0.078%
89	15.414	2212	2216	2220	rVV7	5405	7545	0.27%	0.030%
90	15.487	2221	2228	2236	rVB2	35971	81244	2.86%	0.327%
91	15.609	2241	2248	2260	rVB10	9392	35533	1.25%	0.143%
92	15.731	2263	2268	2274	rVB10	5577	11757	0.41%	0.047%
93	15.816	2278	2282	2288	rVB9	4800	10281	0.36%	0.041%
94	15.895	2288	2295	2297	rBV7	4612	10461	0.37%	0.042%
95	16.109	2322	2330	2331	rBV8	5015	8919	0.31%	0.036%
96	16.170	2335	2340	2345	rVB7	7478	15555	0.55%	0.063%
97	16.273	2352	2357	2362	rVB9	3079	6201	0.22%	0.025%
98	16.365	2367	2372	2377	rBV7	3675	9065	0.32%	0.037%
99	16.438	2377	2384	2387	rBV8	3042	7902	0.28%	0.032%
100	16.731	2426	2432	2439	rBV8	5903	14685	0.52%	0.059%

Sum of corrected areas: 24817529

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
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Sample : N2316-12
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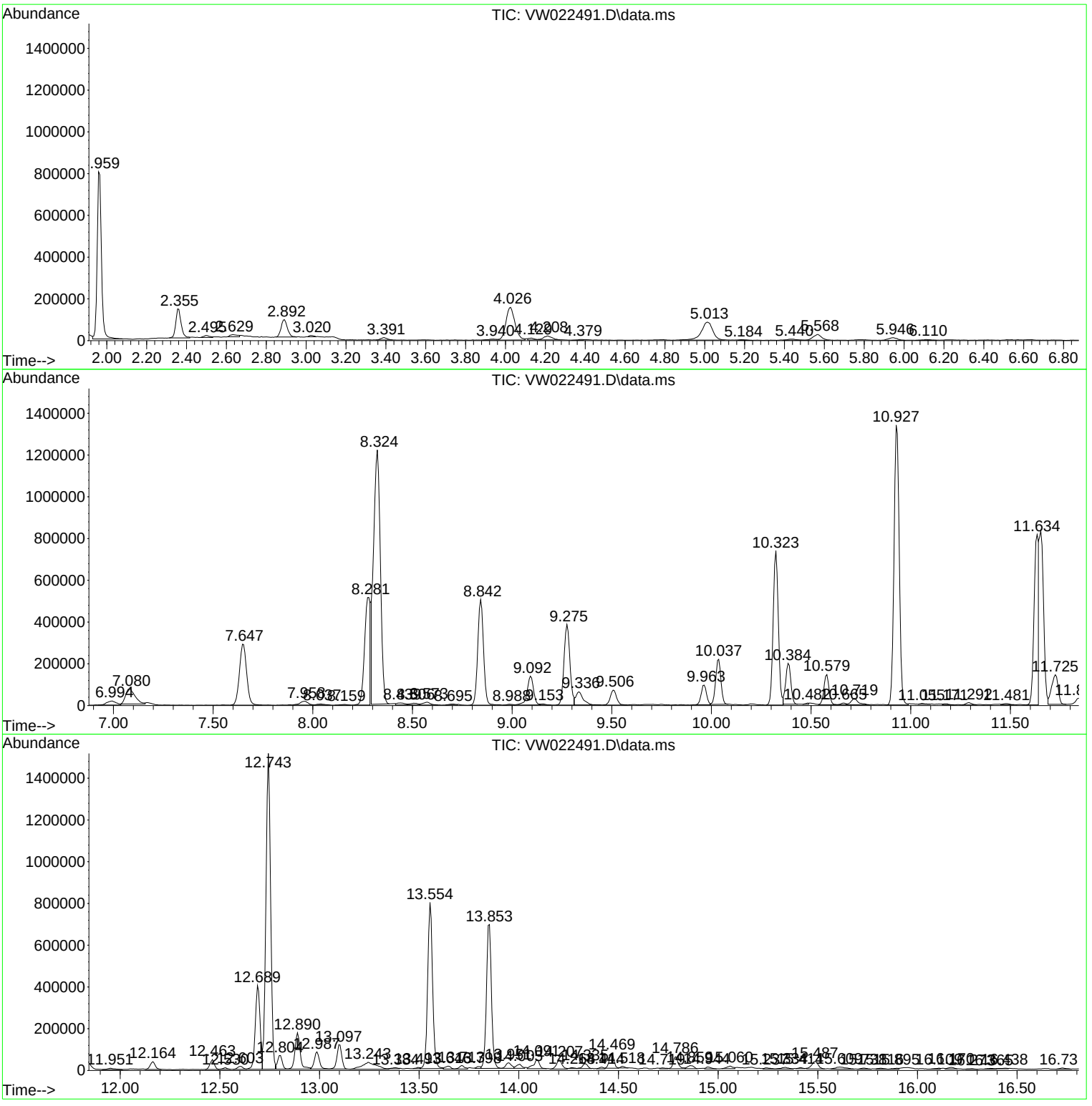
Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



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Data File : VW022491.D
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Instrument :
MSVOA_W
ClientSampleId :
ETNR2

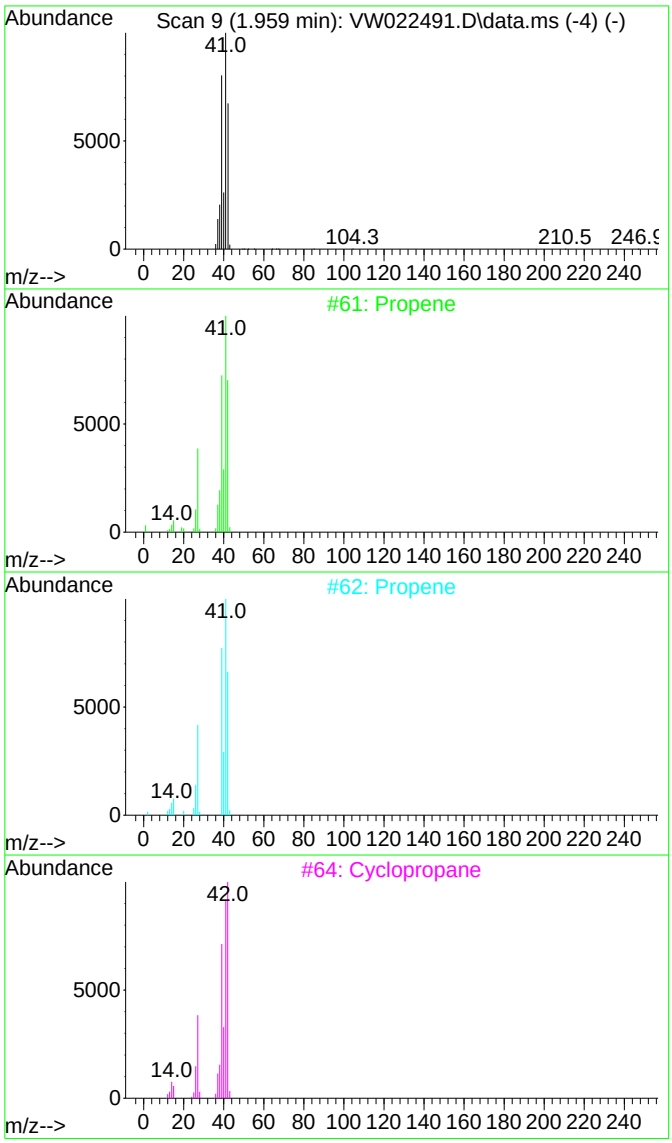
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

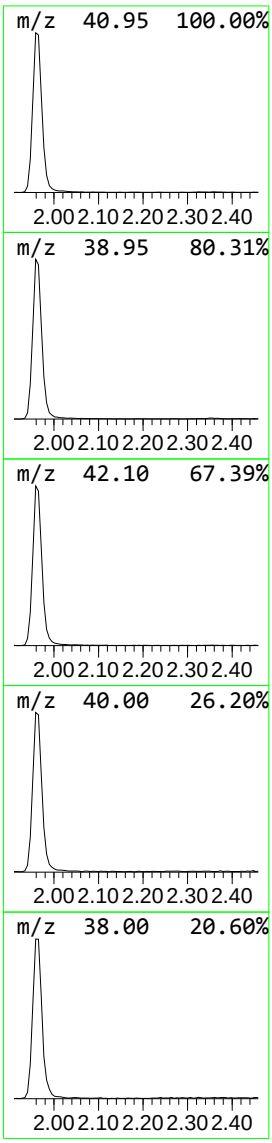
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	29.23 ug/L	1187160	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	59
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Cyclopropene	40	C3H4	002781-85-3	10
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
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Operator : SY/VA
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Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

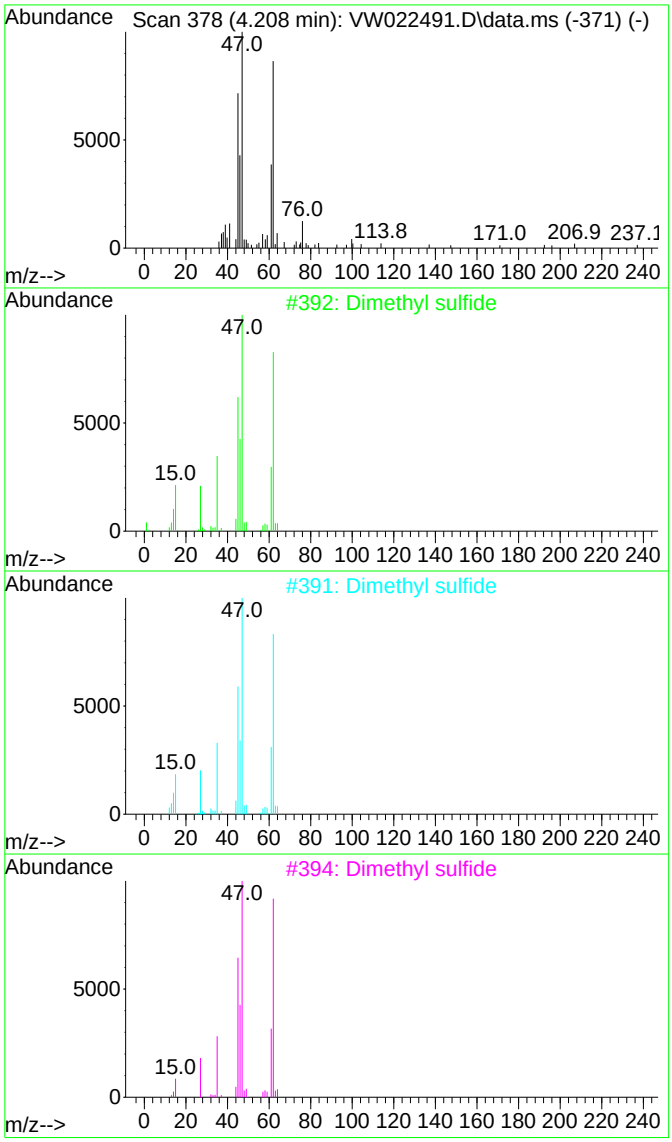
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

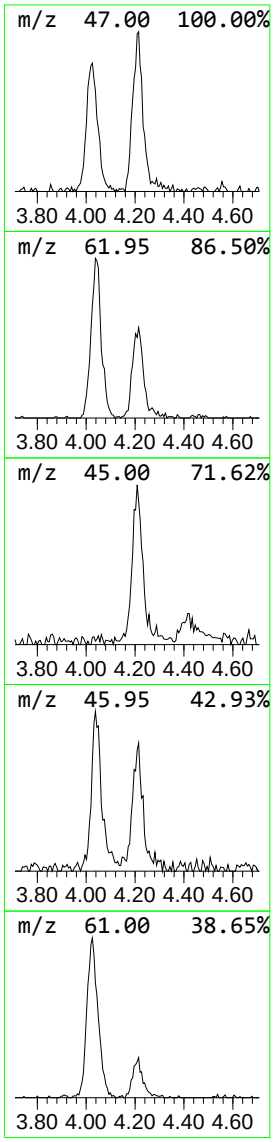
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dimethyl sulfide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	1.36 ug/L	55166	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Dimethyl sulfide	62	C2H6S	000075-18-3	86





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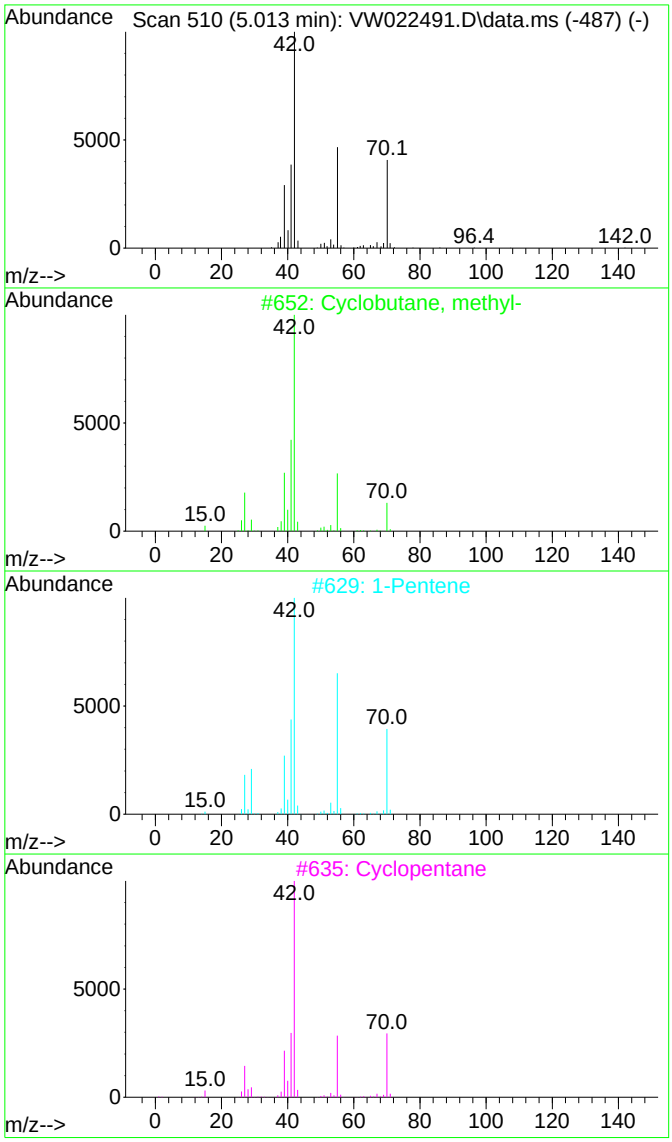
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

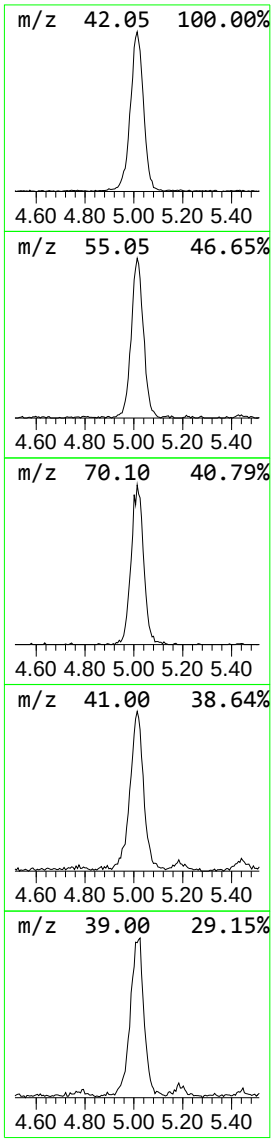
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.013 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	8.50 ug/L	345167	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	90
2	1-Pentene	70	C5H10	000109-67-1	86
3	Cyclopentane	70	C5H10	000287-92-3	86
4	Cyclopentane	70	C5H10	000287-92-3	72
5	1-Pentene	70	C5H10	000109-67-1	50





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

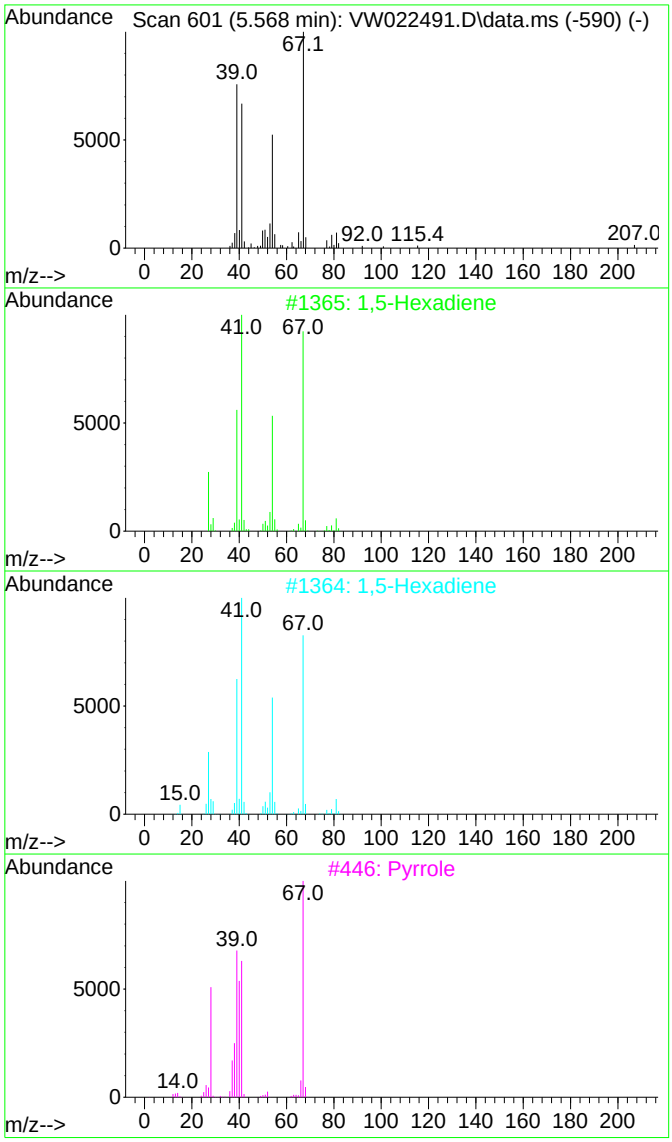
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

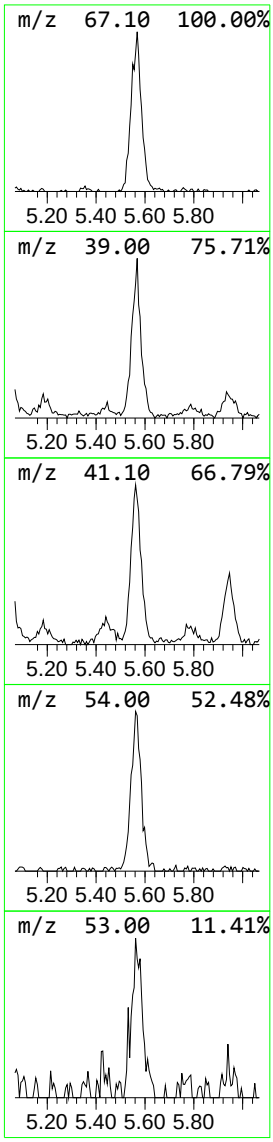
****

Peak Number 4 1,5-Hexadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.568	1.99 ug/L	81013	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	91
2	1,5-Hexadiene	82	C6H10	000592-42-7	91
3	Pyrrole	67	C4H5N	000109-97-7	80
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	78
5	3-Butenenitrile	67	C4H5N	000109-75-1	72





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Data File : VW022491.D
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Operator : SY/VA
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Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

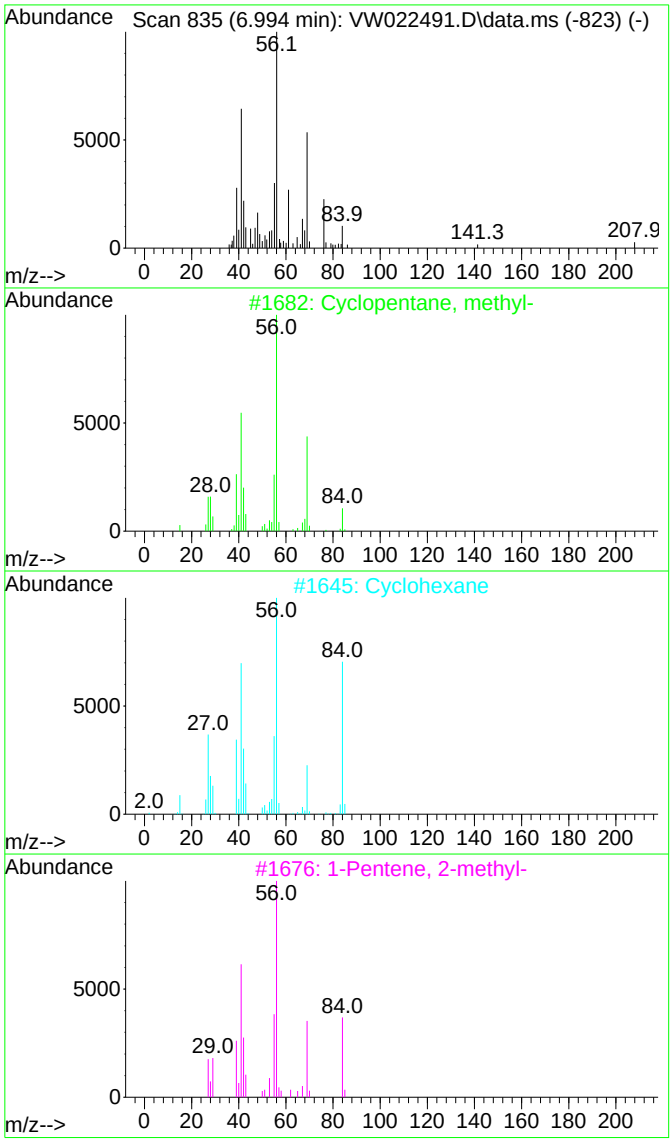
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

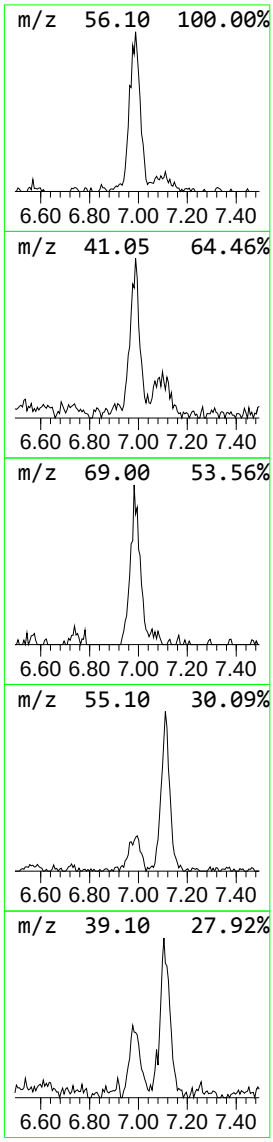
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.994 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.994	1.58 ug/L	64097	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	60
2	Cyclohexane	84	C6H12	000110-82-7	49
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
4	Cyclohexane	84	C6H12	000110-82-7	47
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

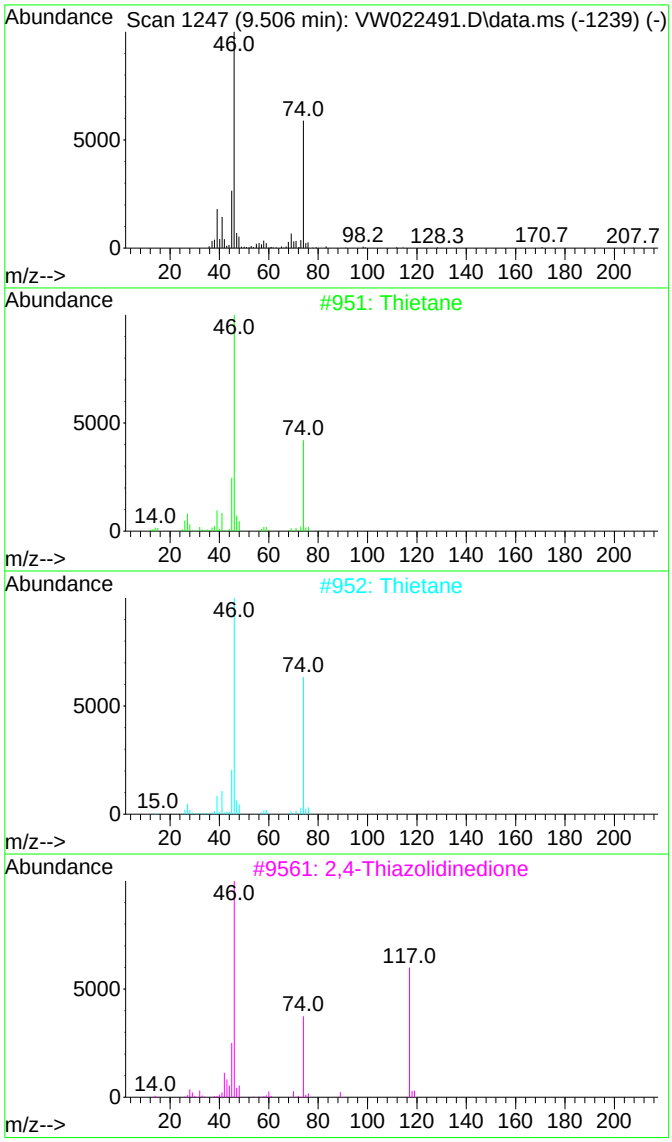
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

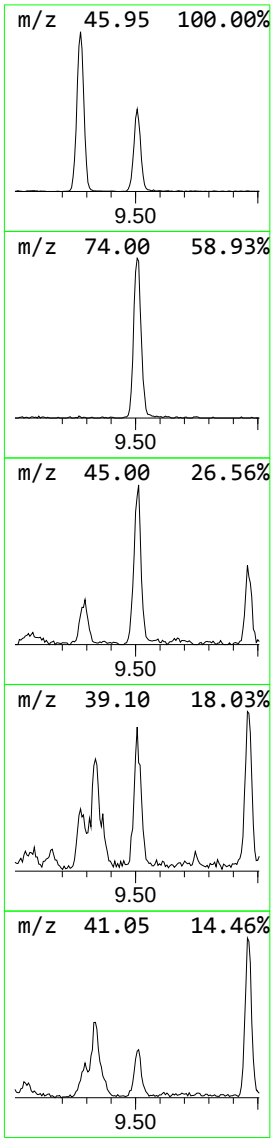
****

Peak Number 6 Thietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	3.81 ug/L	154734	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	91
2	Thietane	74	C3H6S	000287-27-4	91
3	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	78
4	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	78
5	Thiazole, 2,4-dihydroxy-	117	C3H3NO2S	000625-85-4	64





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

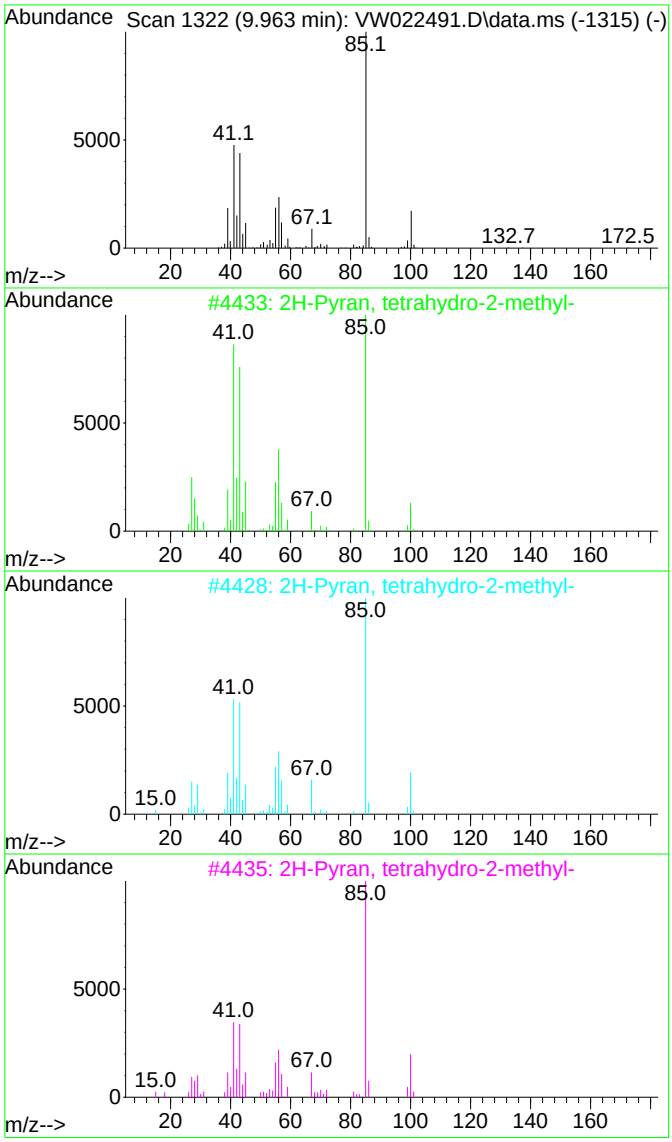
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

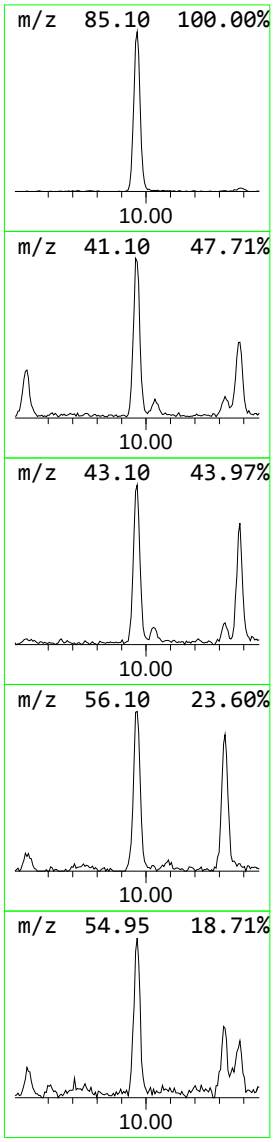
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	4.28 ug/L	173642	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	94
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	72





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

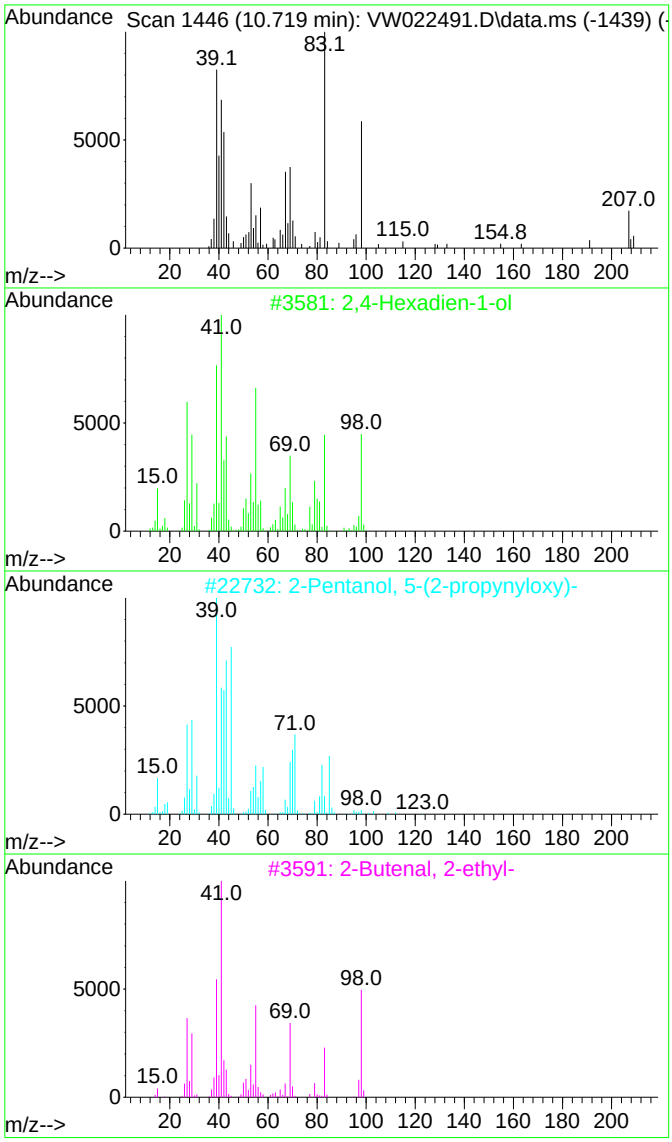
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

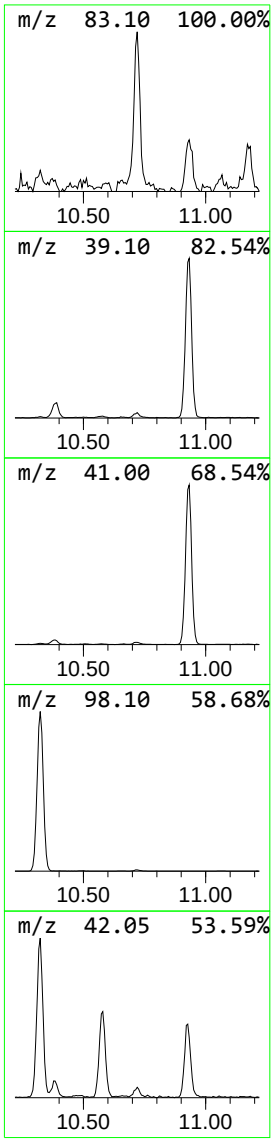
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4-Hexadien-1-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	1.51 ug/L	77669	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadien-1-ol	98	C6H10O	000111-28-4	64
2	2-Pentanol, 5-(2-propynyloxy)-	142	C8H14O2	055702-67-5	50
3	2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	45
4	Cyclobutanone, 2-methyl-2-oxiranyl-	126	C7H10O2	075314-19-1	42
5	Cyclohex-2-enone, 3-(2H-tetrazol...	179	C7H9N5O	1000311-07-7	40





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

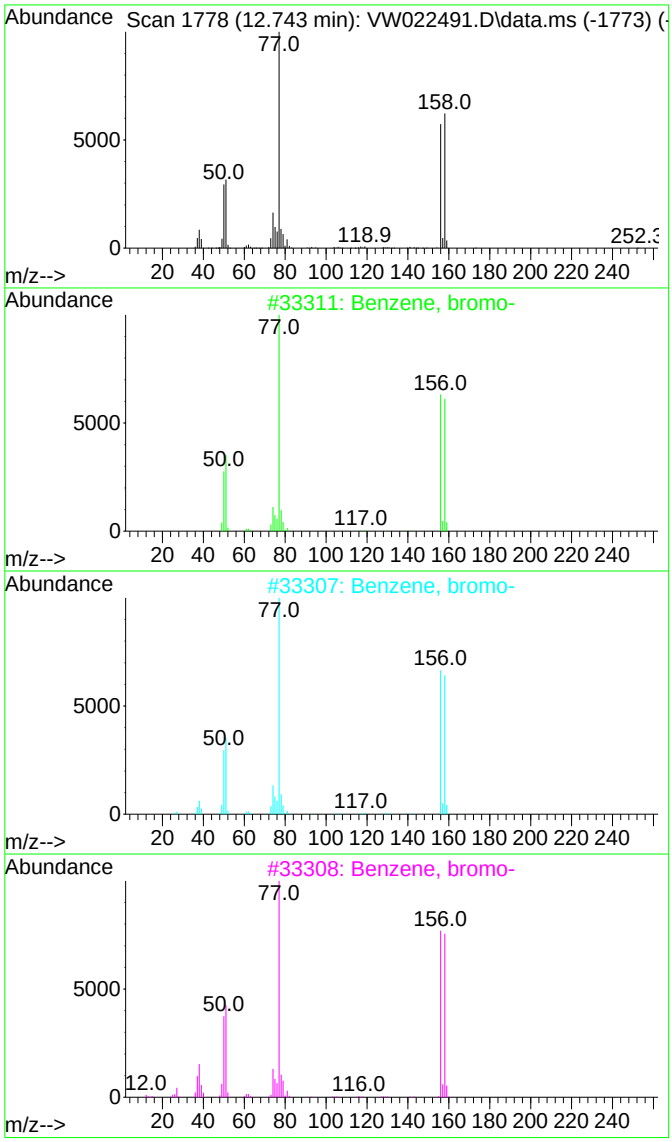
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

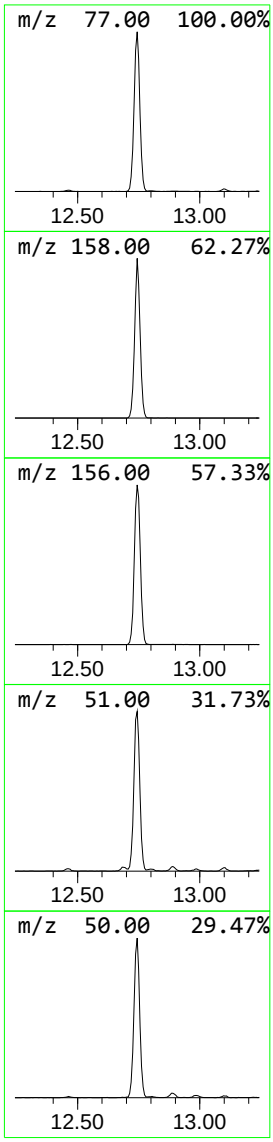
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	45.60 ug/L	2469370	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	96
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	94
4	Benzene, bromo-	156	C6H5Br	000108-86-1	94
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

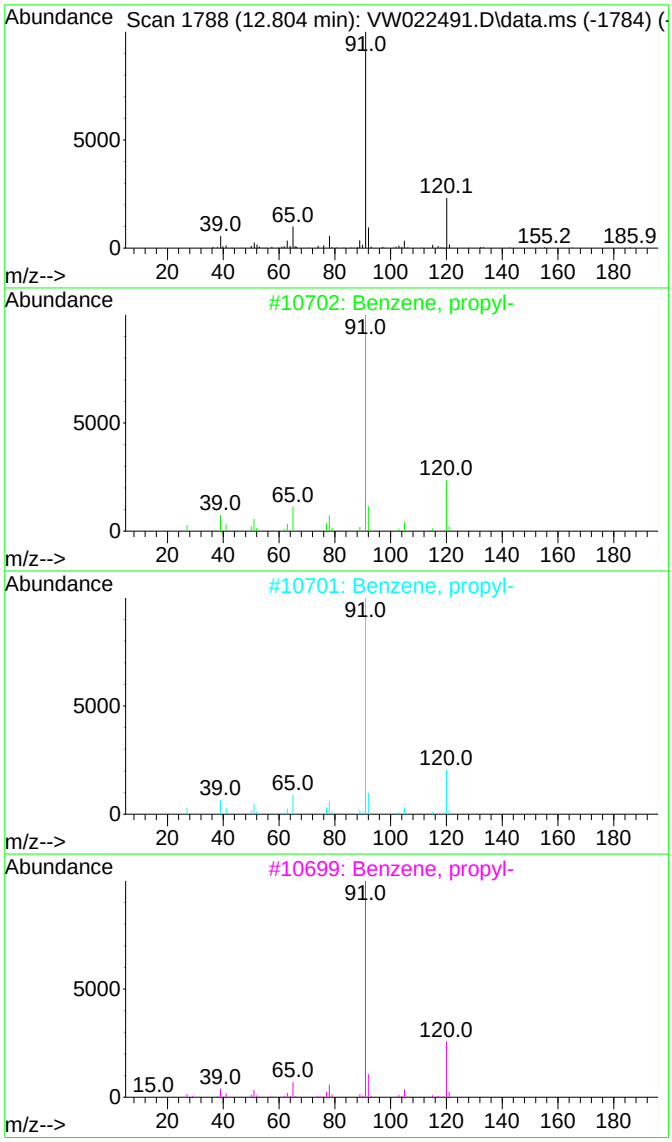
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

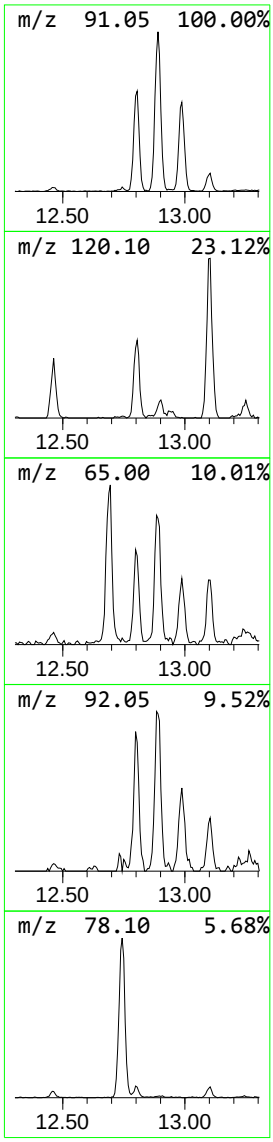
****

Peak Number 11 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	1.92 ug/L	104053	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	86
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

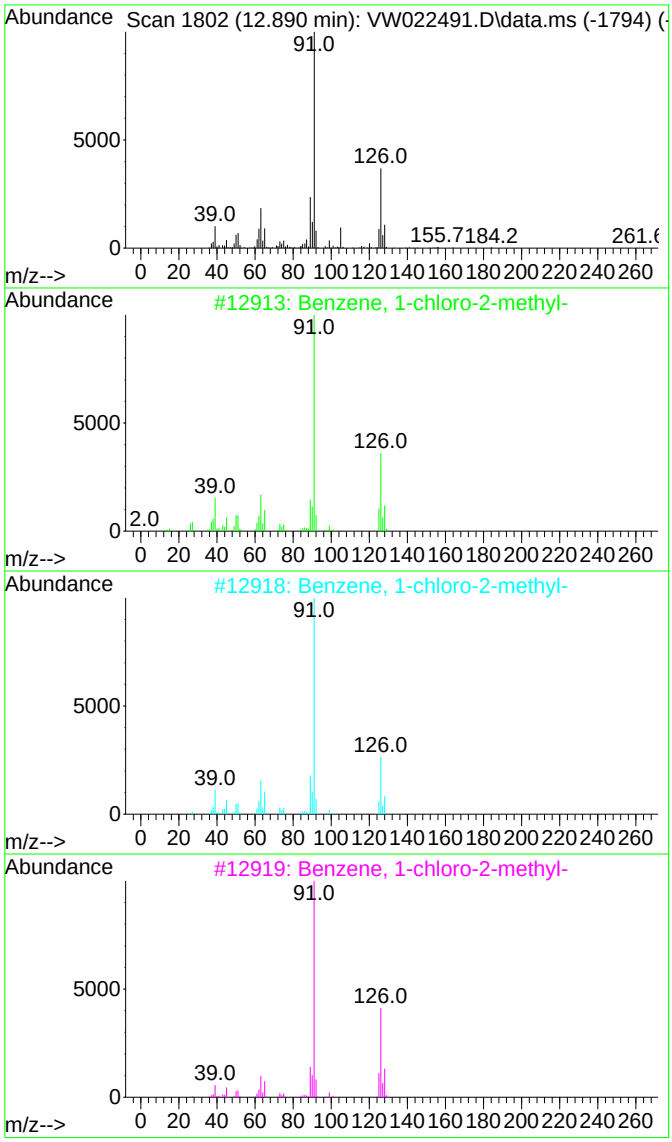
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

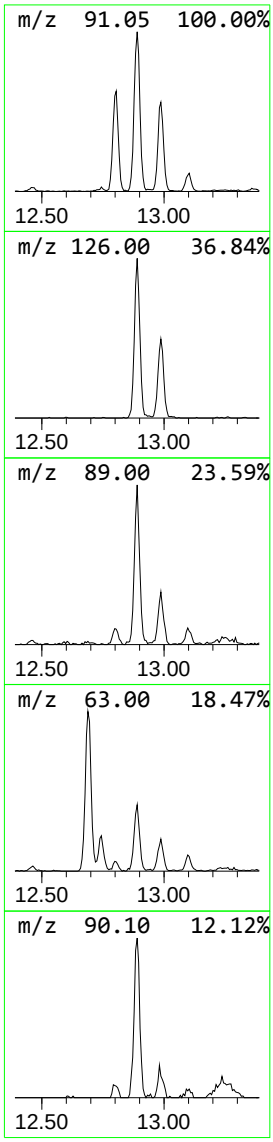
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	5.76 ug/L	311737	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	87
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	87
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

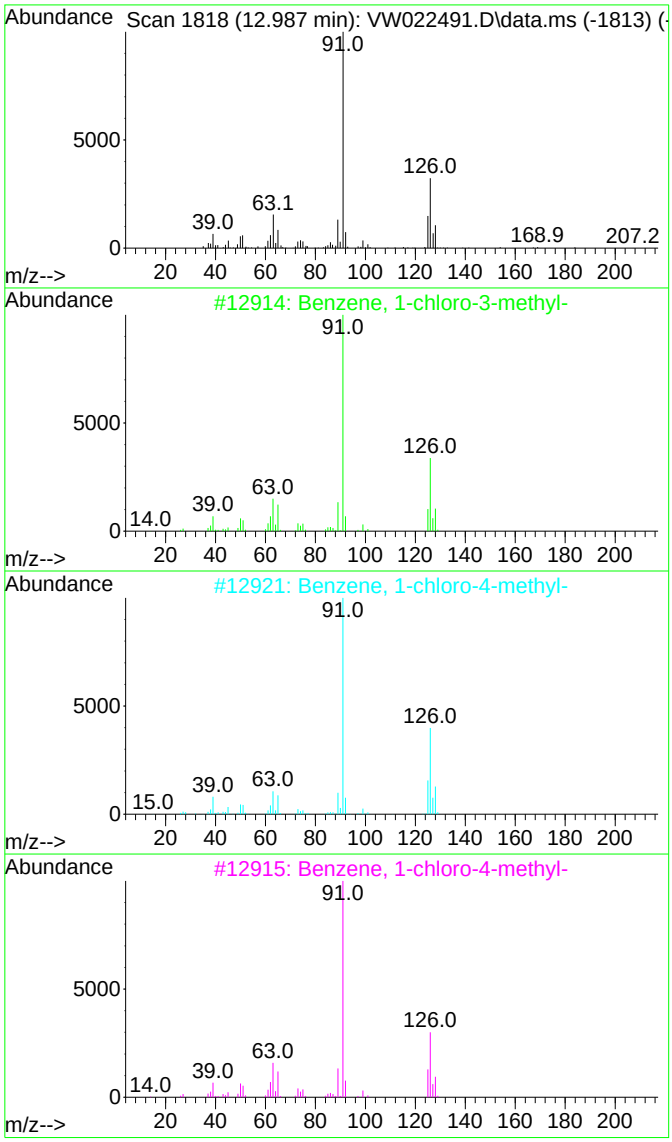
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

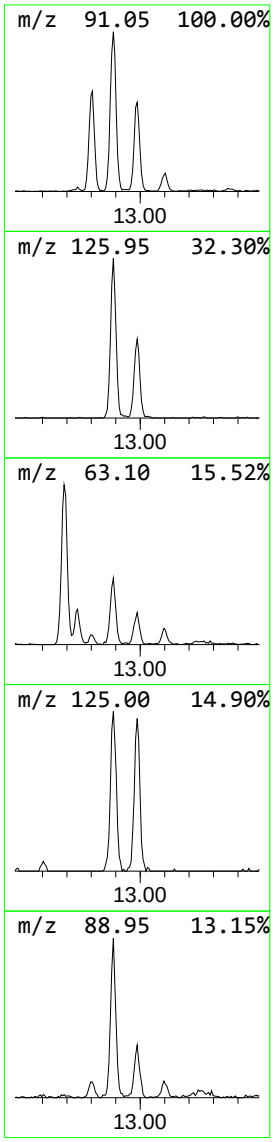
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-chloro-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	2.62 ug/L	142083	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	97
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	94





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

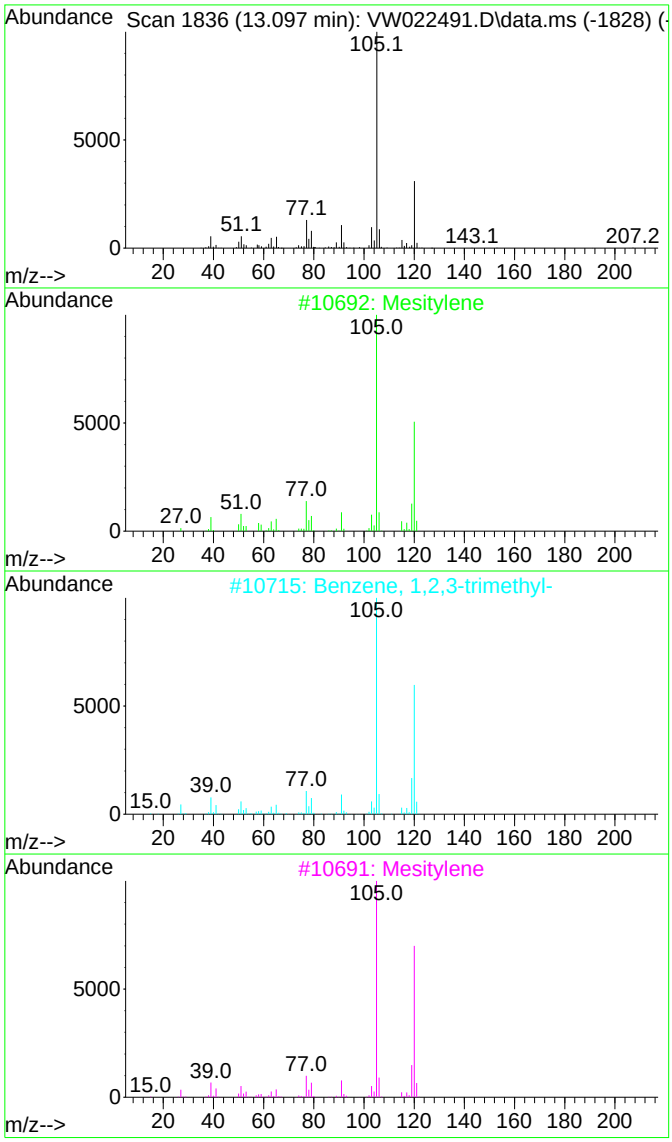
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

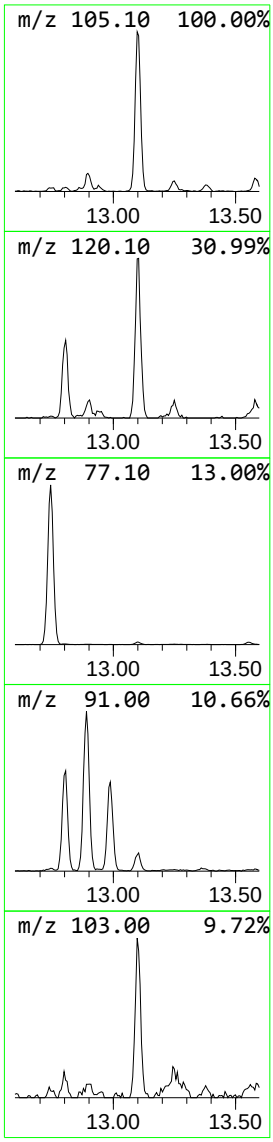
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	3.59 ug/L	194600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

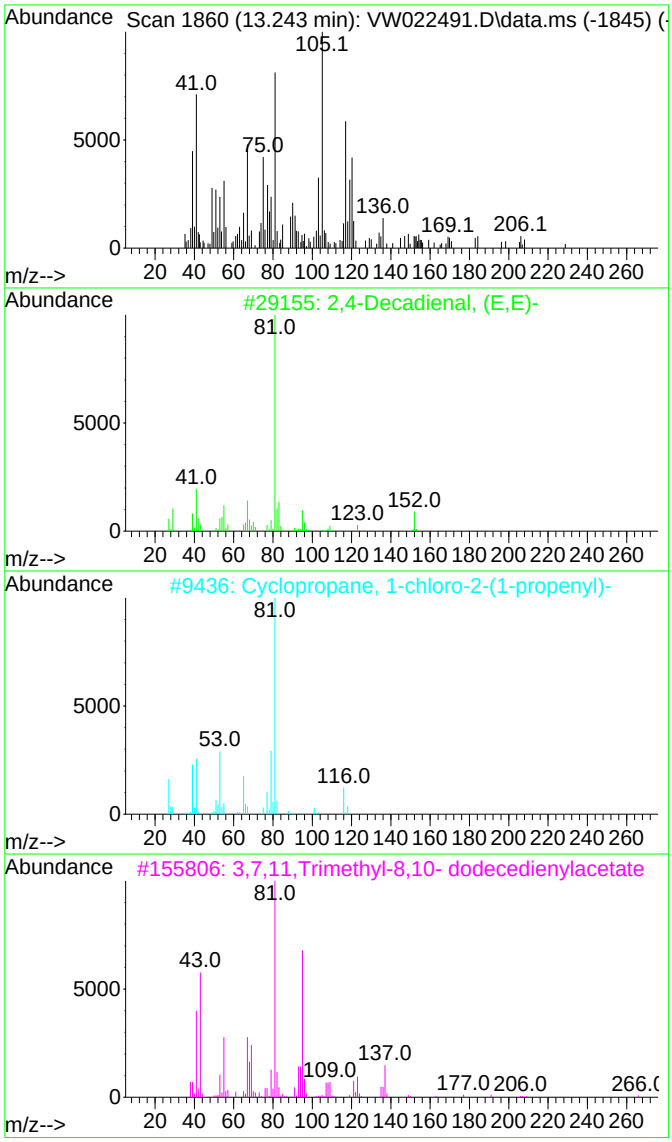
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

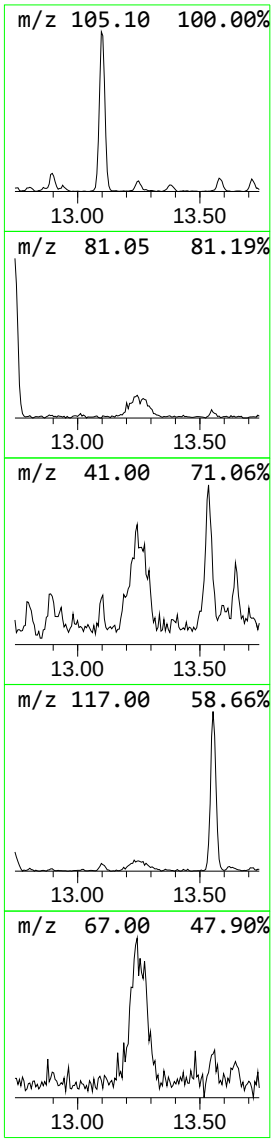
****

Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	3.03 ug/L	164269	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	11
2	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	11
3	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	10
4	1-Cyclohexene-1-acetonitrile	121	C8H11N	006975-71-9	10
5	Pregnane-3,20-diol, (3.alpha.,5....	464	C27H52O2Si2	016134-56-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

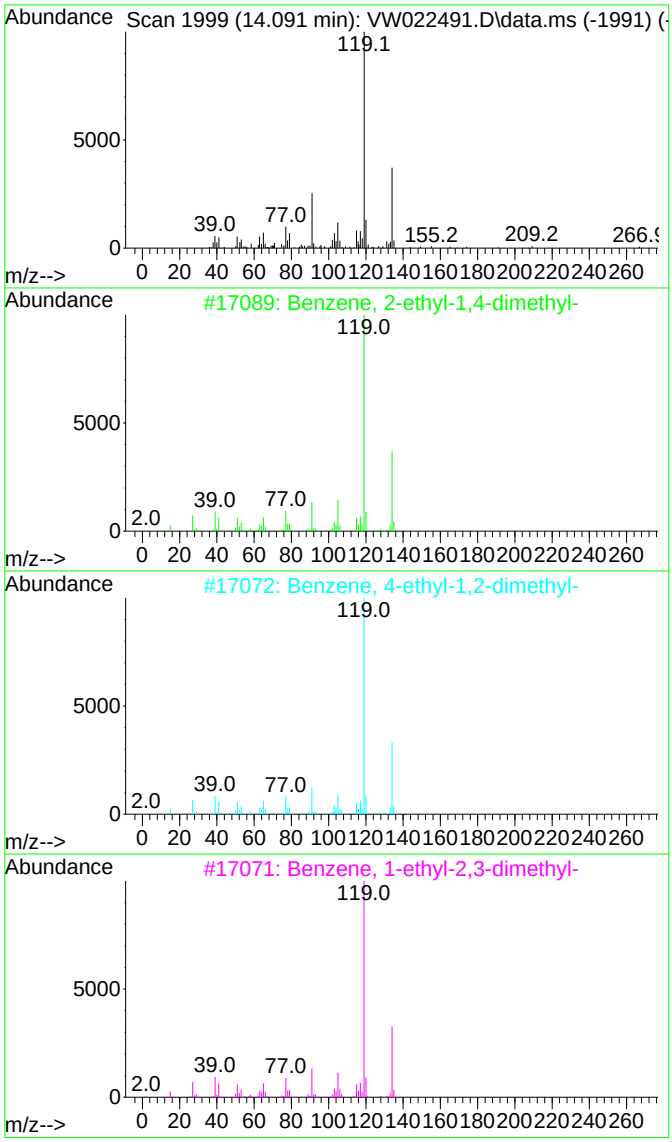
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

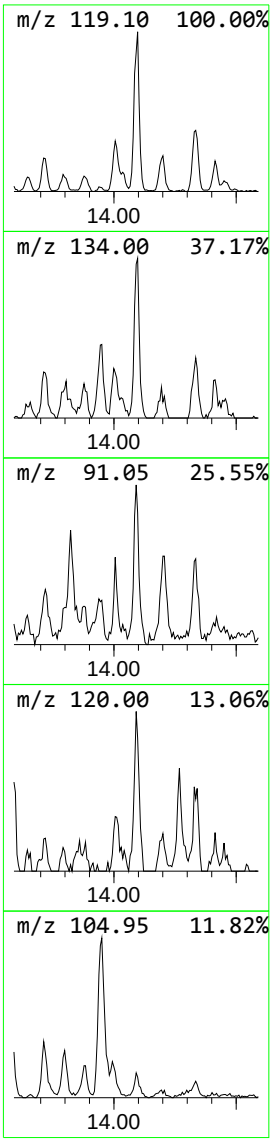
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.65 ug/L	89262	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

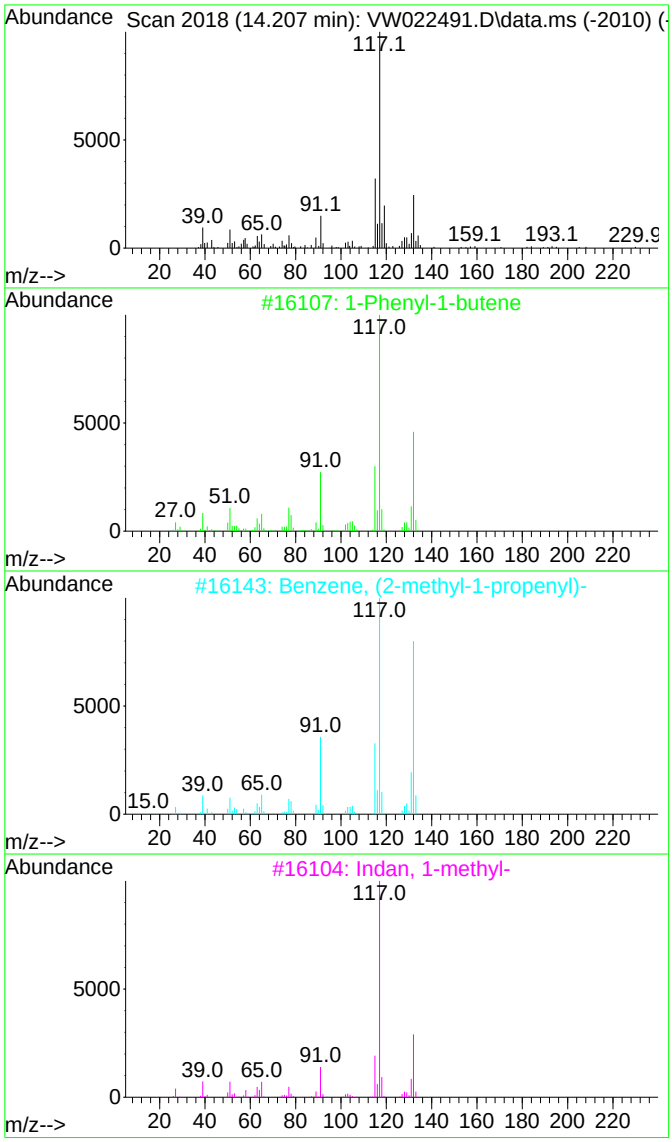
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

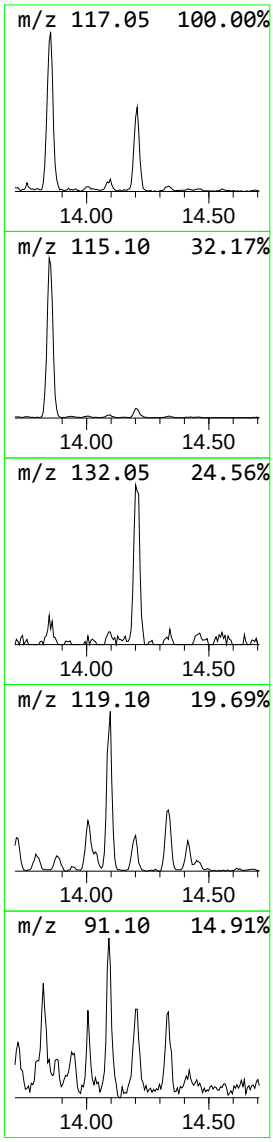
****

Peak Number 17 1-Phenyl-1-butene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	1.52 ug/L	82138	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	74





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Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

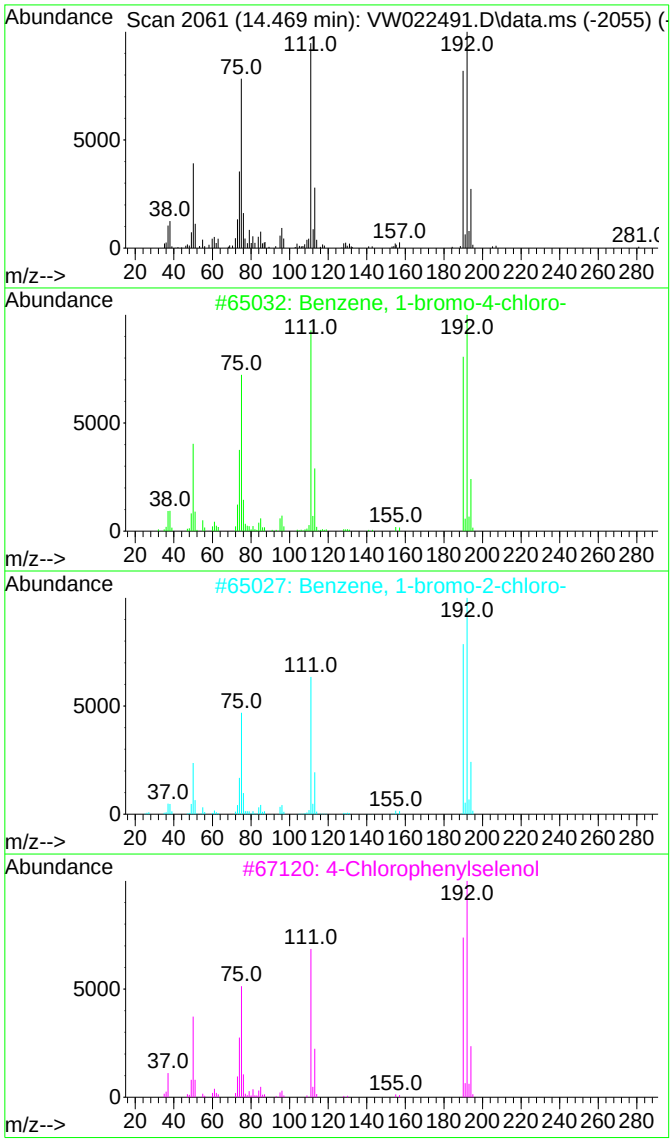
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

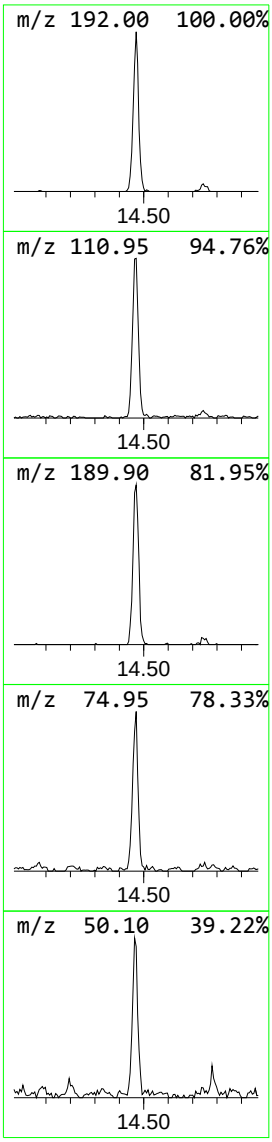
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-bromo-4-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	2.14 ug/L	115907	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

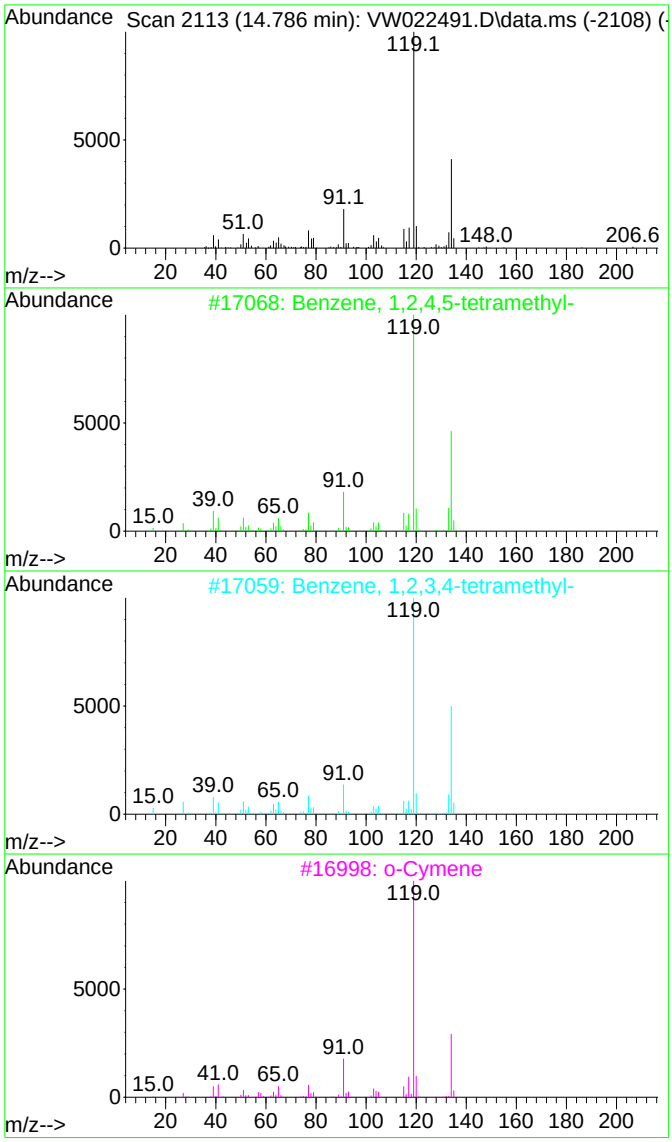
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

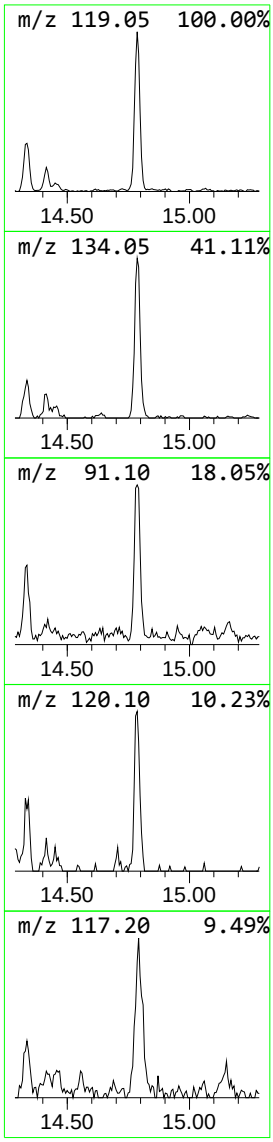
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	1.84 ug/L	99626	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
Sample : N2316-12
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.959	29.2	ug/L	1187160	1	8.842	1015310	25.0
Dimethyl sulfide	4.208	1.4	ug/L	55166	1	8.842	1015310	25.0
(DEL) Alkane: C...	5.013	8.5	ug/L	345167	1	8.842	1015310	25.0
1,5-Hexadiene	5.568	2.0	ug/L	81013	1	8.842	1015310	25.0
(DEL) Alkane: C...	6.994	1.6	ug/L	64097	1	8.842	1015310	25.0
Thietane	9.506	3.8	ug/L	154734	1	8.842	1015310	25.0
2H-Pyran, tetra...	9.963	4.3	ug/L	173642	1	8.842	1015310	25.0
2,4-Hexadien-1-ol	10.719	1.5	ug/L	77669	2	11.628	1287880	25.0
Benzene, bromo-	12.743	45.6	ug/L	2469370	3	13.560	1353740	25.0
Benzene, propyl-	12.804	1.9	ug/L	104053	3	13.560	1353740	25.0
Benzene, 1-chlo...	12.890	5.8	ug/L	311737	3	13.560	1353740	25.0
Benzene, 1-chlo...	12.987	2.6	ug/L	142083	3	13.560	1353740	25.0
Benzene, 1,2,3-...	13.097	3.6	ug/L	194600	3	13.560	1353740	25.0
unknown-01	13.243	3.0	ug/L	164269	3	13.560	1353740	25.0
Benzene, 2-ethy...	14.091	1.6	ug/L	89262	3	13.560	1353740	25.0
1-Phenyl-1-butene	14.207	1.5	ug/L	82138	3	13.560	1353740	25.0
Benzene, 1-brom...	14.469	2.1	ug/L	115907	3	13.560	1353740	25.0
Benzene, 1,2,4,...	14.786	1.8	ug/L	99626	3	13.560	1353740	25.0