LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

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: VW022484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	40	rBV	4485942	7336333	100.00%	20.375%
2	2.355	65	74	83	rBV	153589	283400	3.86%	0.787%
3	2.501	93	98	106	rBV2	11109	22981	0.31%	0.064%
4	2.642	115	121	126	rBV5	7283	16027	0.22%	0.045%
5	2.892	155	162	170	rBV	102198	228190	3.11%	0.634%
6	4.019	338	347	358	rVV2	175573	528656	7.21%	1.468%
7	4.129	358	365	371	rVV2	55213	153565	2.09%	0.426%
8	4.202	371	377	391	rVB2	61518	183797	2.51%	0.510%
9	4.391	400	408	418	rVV3	19277	58192	0.79%	0.162%
10	4.934	484	497	498	rVV5	8104	22355	0.30%	0.062%
11	5.007	502	509	525	rVV3	33382	124894	1.70%	0.347%
12	5.562	589	600	613	rVB3	18076	60170	0.82%	0.167%
13	5.934	652	661	673	rBV5	9072	30312	0.41%	0.084%
14	6.117	680	691	699	rBV5	2964	10192	0.14%	0.028%
15	7.001	823	836	841	rVV7	18563	63219	0.86%	0.176%
16	7.080	841	849	860	rVV	54352	188373	2.57%	0.523%
17	7.177	860	865	878	rVV2	12418	36242	0.49%	0.101%
18	7.647	933	942	953	rBV	301575	751421	10.24%	2.087%
19	7.958	978	993	1000	rBV8	10364	34101	0.46%	0.095%
20	8.043	1000	1007	1013	rVB9	4388	12054	0.16%	0.033%
21	8.159	1020	1026	1032	rBV7	4181	9500	0.13%	0.026%
22	8.275	1032	1045	1046	rBV	568739	925318	12.61%	2.570%
23	8.323	1047	1053	1064	rVB	2306764	5359569	73.06%	14.885%
24	8.433	1069	1071	1077	rVV6	5970	12351	0.17%	0.034%
25	8.506	1079	1083	1085	rVV5	5825	9528	0.13%	0.026%
26	8.567	1088	1093	1100	rVB7	9848	24281	0.33%	0.067%
27	8.695	1107	1114	1124	rVB5	10939	29846	0.41%	0.083%
28	8.842	1129	1138	1148	rBV	522775	1038274	14.15%	2.884%
29	9.049	1165	1172	1176	rBV4	21737	56173	0.77%	0.156%
30	9.275	1200	1209	1216	rVV	412165	883338	12.04%	2.453%
31	9.335	1216	1219	1233	rVV2	45402	96396	1.31%	0.268%
32	9.506	1240	1247	1257	rVB	62710	128732	1.75%	0.358%
33	9.963	1315	1322	1328	rVV	326129	611773	8.34%	1.699%
34	10.031	1328	1333	1340	rVV	223861	411323	5.61%	1.142%
35	10.091	1340	1343	1353	rVB10	8552	19594	0.27%	0.054%
36	10.207	1357	1362	1366	rBV7	4643	10191	0.14%	0.028%

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

37	10.323	1373	1381	1386	rBV	810133	1452249	19.80%	4.033%
38	10.384	1386	1391	1400	rVV2	509370	914082	12.46%	2.539%
39	10.476	1400	1406	1415	rVB7	16014	49229	0.67%	0.137%
40	10.579	1415	1423	1431	rVB	137927	250080	3.41%	0.695%
41	10.658	1431	1436	1439	rBV6	7435	13380	0.18%	0.037%
42	10.719	1439	1446	1460	rVB	171553	333065	4.54%	0.925%
43	10.854	1464	1468	1472	rVB3	5846	9864	0.13%	0.027%
44	10.927	1472	1480	1493	rBV2	804086	1468946	20.02%	4.080%
45	11.055	1497	1501	1507	rBV	21311	37745	0.51%	0.105%
46	11.177	1517	1521	1527	rVB7	10344	17159	0.23%	0.048%
47	11.286	1533	1539	1546	rBV	67479	124758	1.70%	0.346%
48	11.481	1563	1571	1577	rBV5	10414	20373	0.28%	0.057%
49	11.555	1577	1583	1588	rVB7	10067	18668	0.25%	0.052%
50	11.652	1588	1599	1605	rBV2	2380162	5252837	71.60%	14.589%
51	11.713	1605	1609	1618	rVV3	76885	191441	2.61%	0.532%
52	11.805	1618	1624	1625	rVV2	19968	28865	0.39%	0.080%
53	11.841	1626	1630	1637	rVB	36895	69896	0.95%	0.194%
54	12.067	1660	1667	1672	rVB	5572	13408	0.18%	0.037%
55	12.164	1678	1683	1689	rVB	30067	49163	0.67%	0.137%
56	12.463	1727	1732	1739	rVB	22272	41169	0.56%	0.114%
57	12.524	1739	1742	1746	rVB4	6492	10414	0.14%	0.029%
58	12.603	1749	1755	1760	rBV4	13603	28324	0.39%	0.079%
59	12.689	1760	1769	1774	rBV	343197	591200	8.06%	1.642%
60	12.743	1774	1778	1783	rVB	190766	301024	4.10%	0.836%
61	12.804	1783	1788	1794	rVB	31196	48494	0.66%	0.135%
62	12.890	1794	1802	1807	rBV	145345	254756	3.47%	0.708%
63	12.987	1813	1818	1825	rVB	89705	147221	2.01%	0.409%
64	13.103	1829	1837	1845	rBV	53342	99291	1.35%	0.276%
65	13.188	1845	1851	1855	rVB7	8474	13055	0.18%	0.036%
66	13.249	1856	1861	1865	rBV	15195	29728	0.41%	0.083%
67	13.298	1865	1869	1874	rVV8	13746	28948	0.39%	0.080%
68	13.359	1876	1879	1890	rVB9	9955	21721	0.30%	0.060%
69	13.554	1904	1911	1921	rBV	869675	1442446	19.66%	4.006%
70	13.640	1921	1925	1930	rVB5	18754	32627	0.44%	0.091%
71	13.719	1933	1938	1940	rBV4	8795	13556	0.18%	0.038%
72	13.792	1947	1950	1953	rBV5	7102	11287	0.15%	0.031%
73	13.853	1953	1960	1969	rVB	818279	1454059	19.82%	4.038%
74	13.951	1970	1976	1980	rBV3	24750	51919	0.71%	0.144%
75	13.993	1980	1983	1988	rVB4	17227	27913	0.38%	0.078%
76	14.091	1998	1999	2006	rVB2	12205	12586	0.17%	0.035%

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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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Title : SFAM01.0

77	14.207	2011	2018	2023	rBV3	29048	55121	0.75%	0.153%
78	14.268	2026	2028	2033	rVV6	5081	11079	0.15%	0.031%
79	14.329	2033	2038	2045	rVV2	20190	44207	0.60%	0.123%
80	14.414	2049	2052	2055	rVV3	10785	16363	0.22%	0.045%
81	14.463	2055	2060	2067	rVV4	48643	92185	1.26%	0.256%
82	14.524	2067	2070	2073	rVV5	7435	10218	0.14%	0.028%
83	14.633	2082	2088	2089	rBV6	8698	13028	0.18%	0.036%
84	14.676	2093	2095	2099	rVB5	7413	8590	0.12%	0.024%
85	14.737	2099	2105	2110	rBV3	96765	167791	2.29%	0.466%
86	14.786	2110	2113	2119	rVB4	10893	17435	0.24%	0.048%
87	14.859	2120	2125	2131	rBV9	10083	21882	0.30%	0.061%
88	14.908	2131	2133	2138	rVB5	6046	9440	0.13%	0.026%
89	15.060	2148	2158	2161	rBV6	29231	69520	0.95%	0.193%
90	15.243	2179	2188	2195	rVB4	16530	46741	0.64%	0.130%
91	15.408	2211	2215	2219	rVV5	11531	24426	0.33%	0.068%
92	15.487	2219	2228	2238	rVV3	65319	187446	2.56%	0.521%
93	15.609	2240	2248	2261	rVB5	46174	148013	2.02%	0.411%
94	15.731	2262	2268	2275	rBV5	25996	55295	0.75%	0.154%
95	15.938	2291	2302	2313	rBV7	23468	82983	1.13%	0.230%
96	16.103	2322	2329	2330	rBV6	10423	18099	0.25%	0.050%
97	16.267	2351	2356	2361	rBV8	5820	11242	0.15%	0.031%
98	16.444	2377	2385	2386	rBV8	8438	19925	0.27%	0.055%
99	16.639	2411	2417	2423	rVB8	6043	16019	0.22%	0.044%
100	16.731	2423	2432	2440	rBV3	49373	111590	1.52%	0.310%

Sum of corrected areas: 36006245

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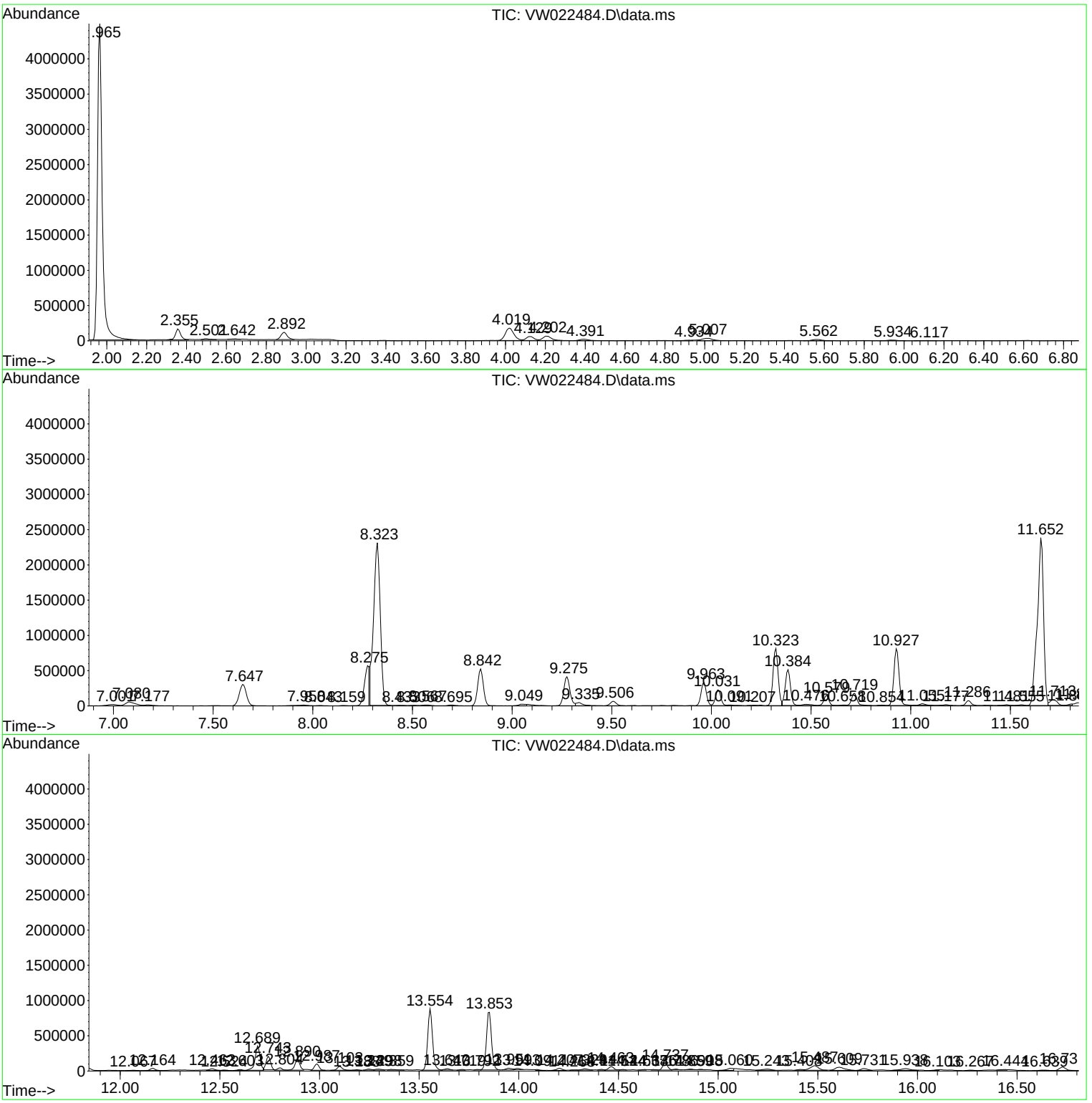
MSVOA_W
ClientSampleId :
ETNQ3

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
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Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

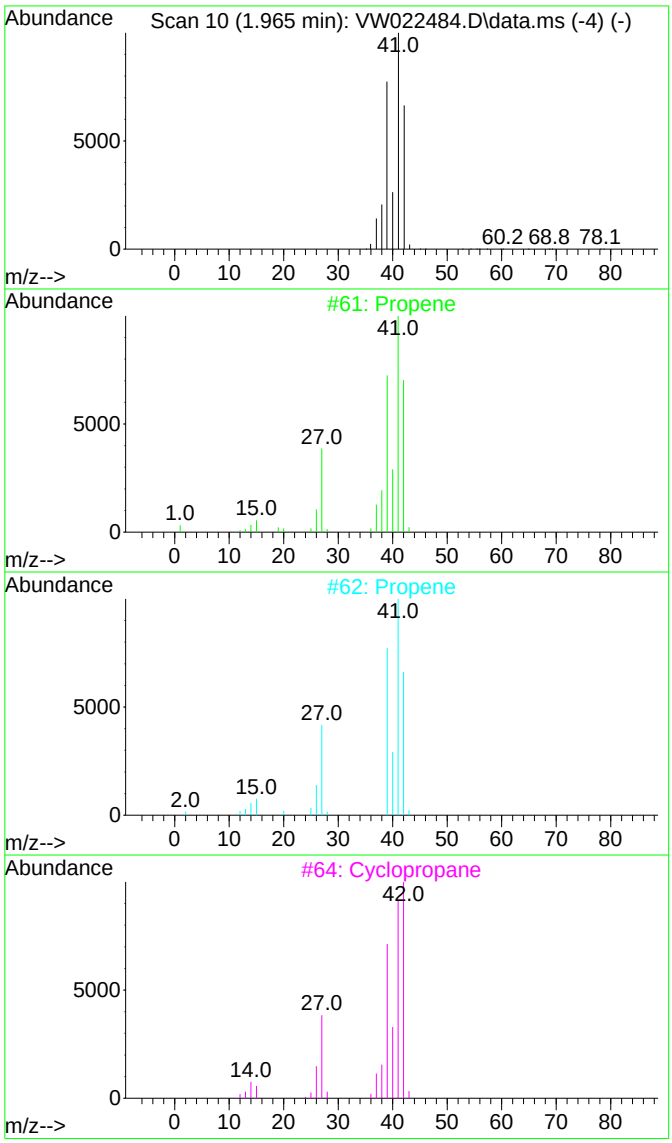
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

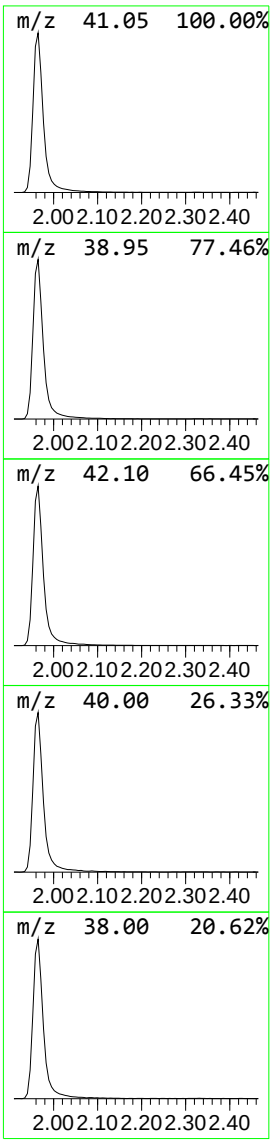
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	176.65 ug/L	7336330	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	64
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 : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

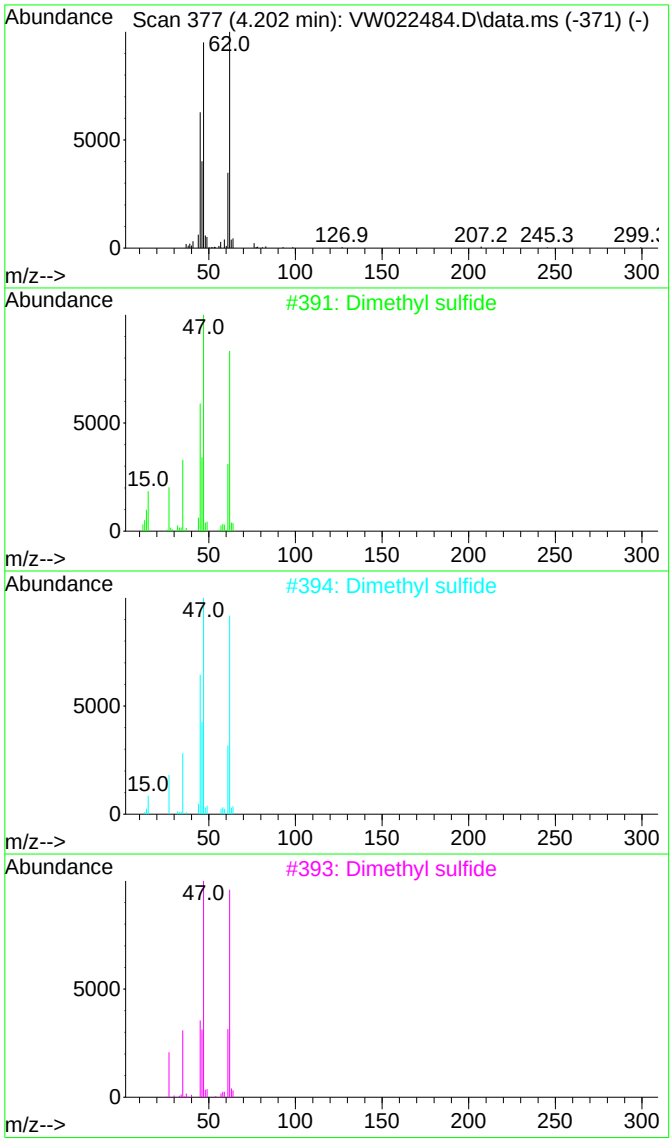
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

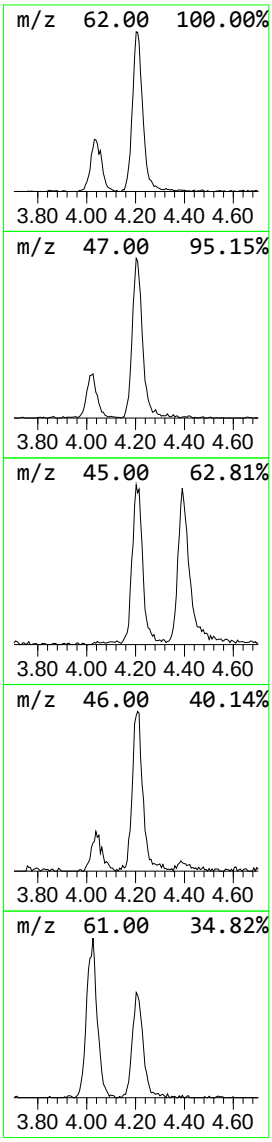
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.202	4.43 ug/L	183797	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	91





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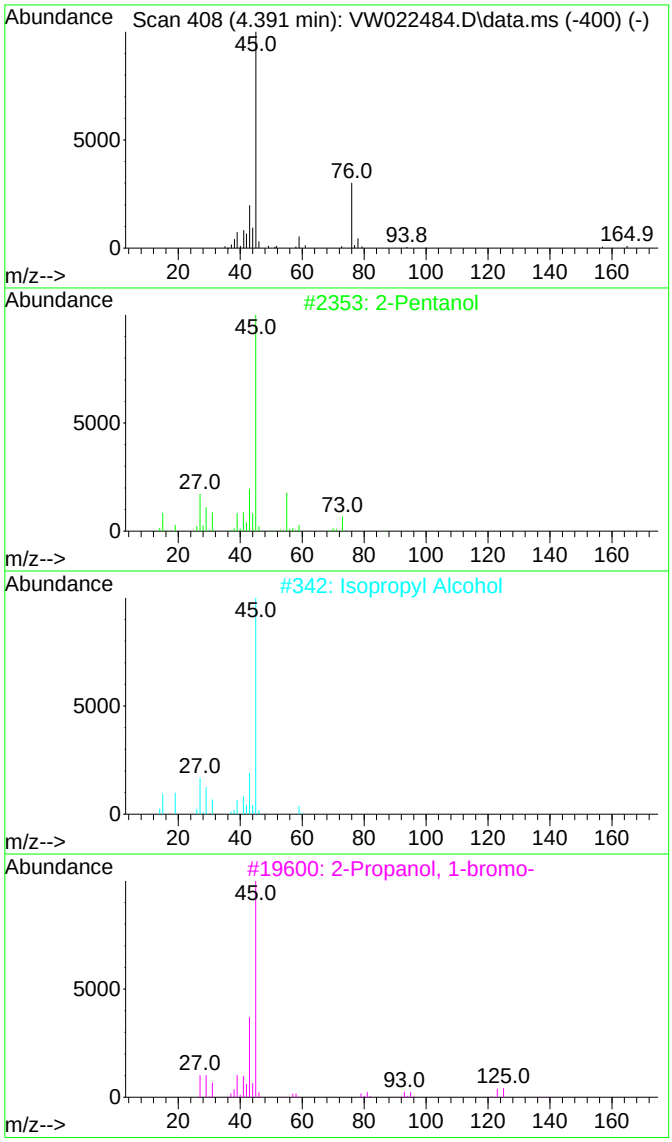
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

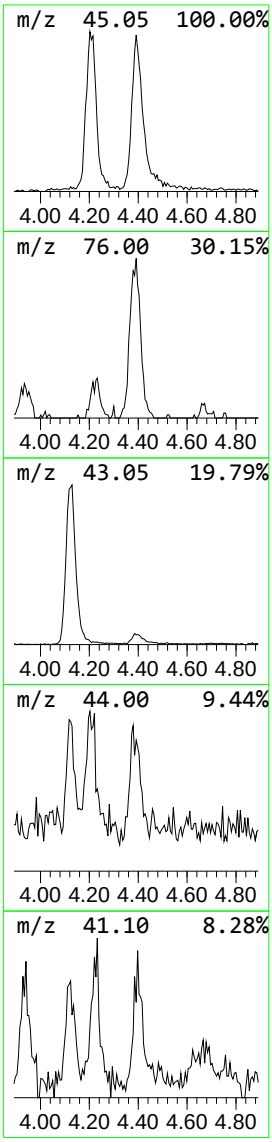
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.391	1.40 ug/L	58192	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol	88	C5H12O	006032-29-7	38
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	36
3	2-Propanol, 1-bromo-	138	C3H7BrO	019686-73-8	36
4	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	36
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	36





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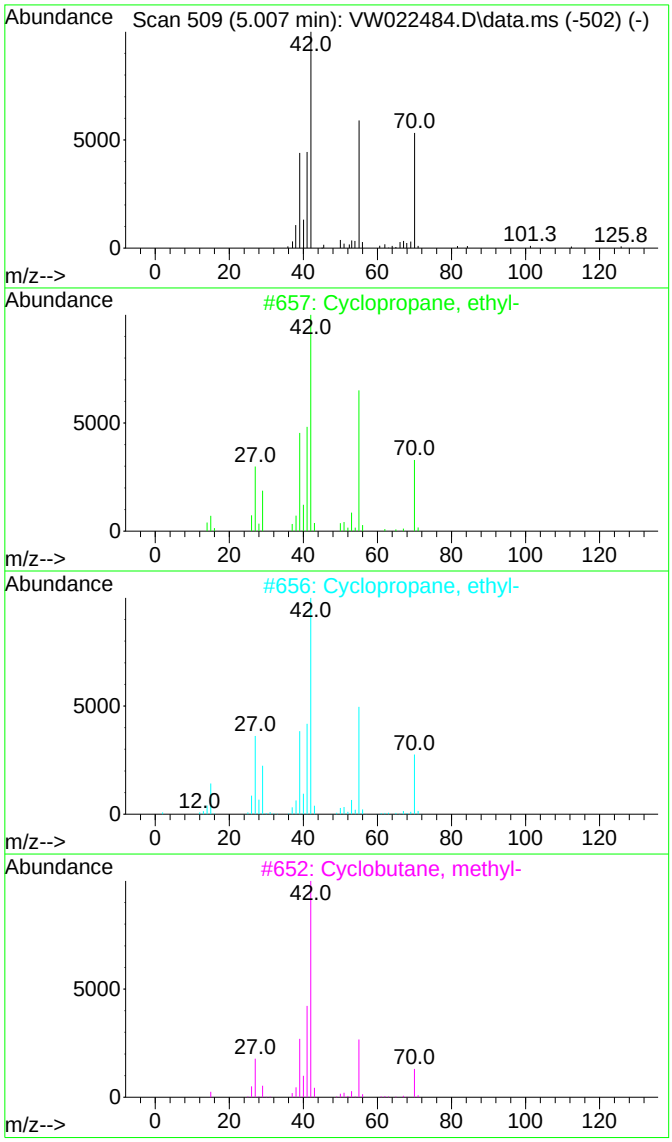
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

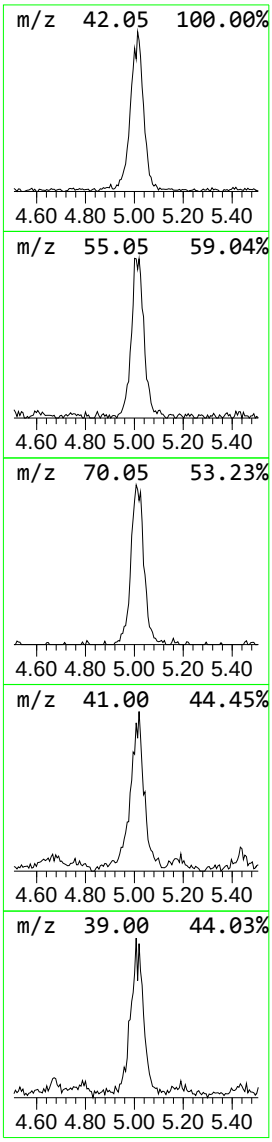
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.007 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	3.01 ug/L	124894	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	56
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	53
4	Cyclopentane	70	C5H10	000287-92-3	53
5	Cyclopentane	70	C5H10	000287-92-3	50





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
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Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

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

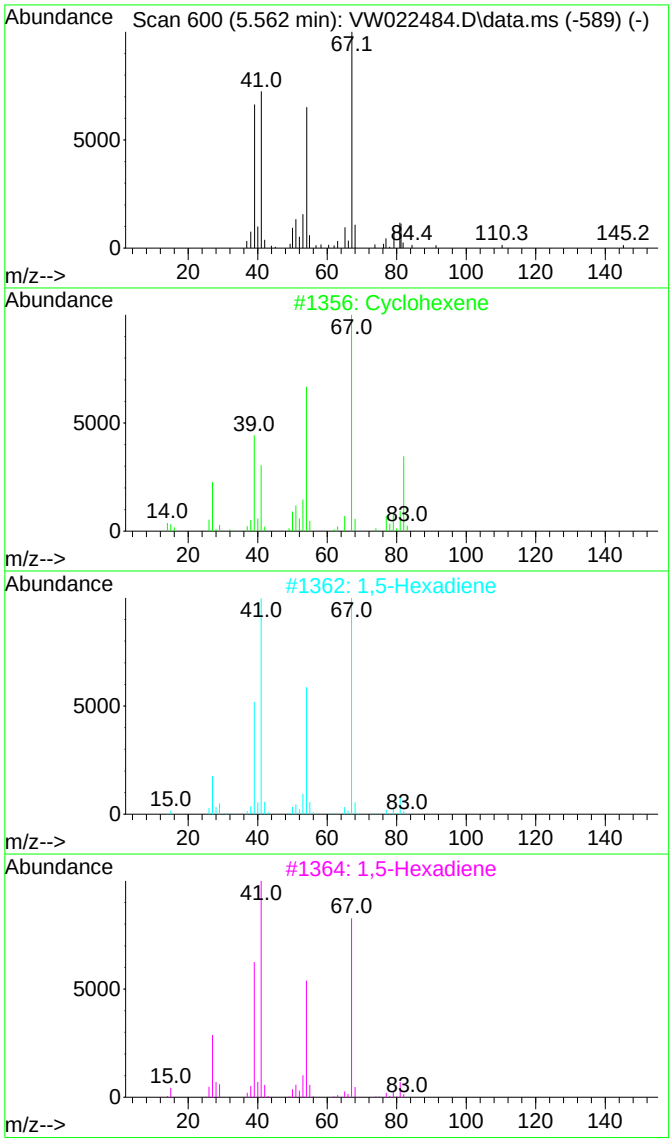
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

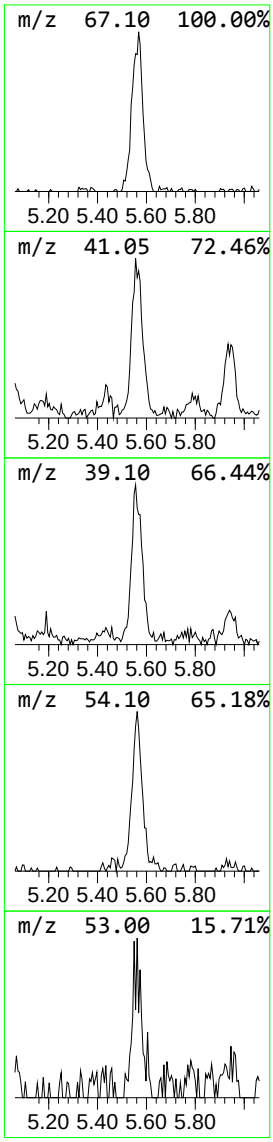
****

Peak Number 5 1,5-Hexadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.562	1.45 ug/L	60170	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	83
2	1,5-Hexadiene	82	C6H10	000592-42-7	80
3	1,5-Hexadiene	82	C6H10	000592-42-7	80
4	1,5-Hexadiene	82	C6H10	000592-42-7	80
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	64





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

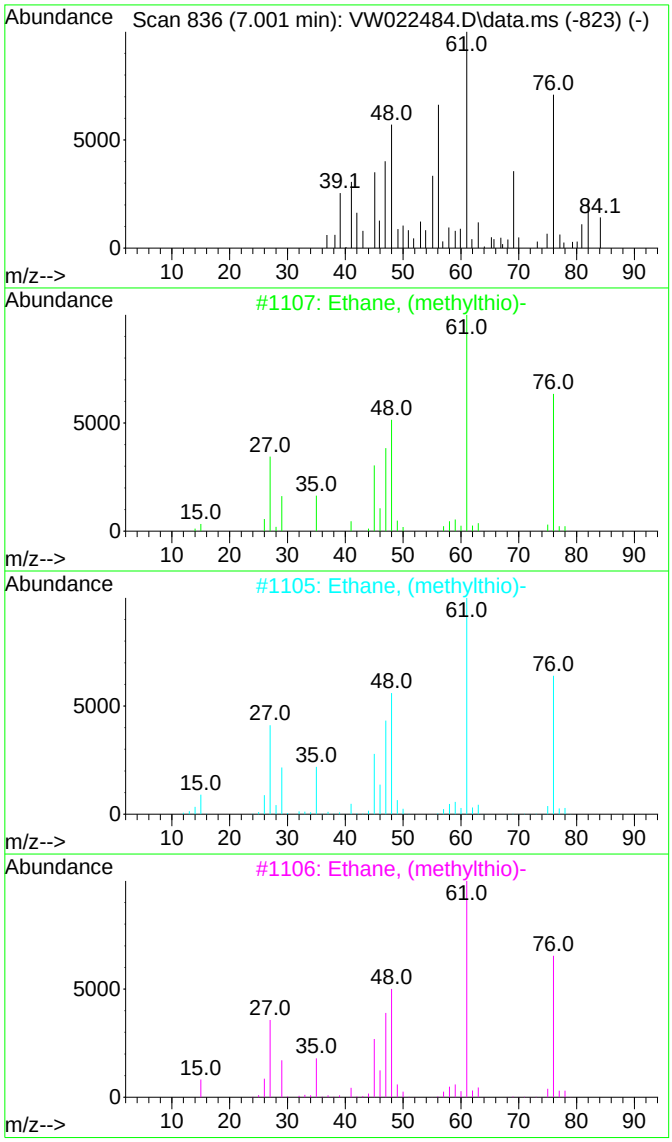
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

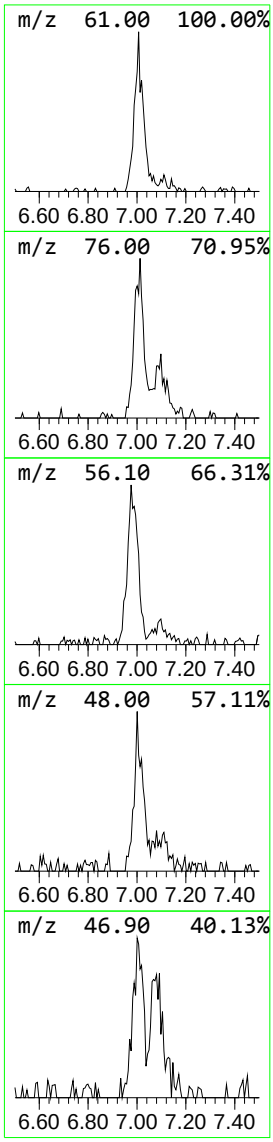
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethane, (methylthio)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.001	1.52 ug/L	63219	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	94
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	93
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	93
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	70
5	Trimethylphosphine	76	C3H9P	000594-09-2	46





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Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

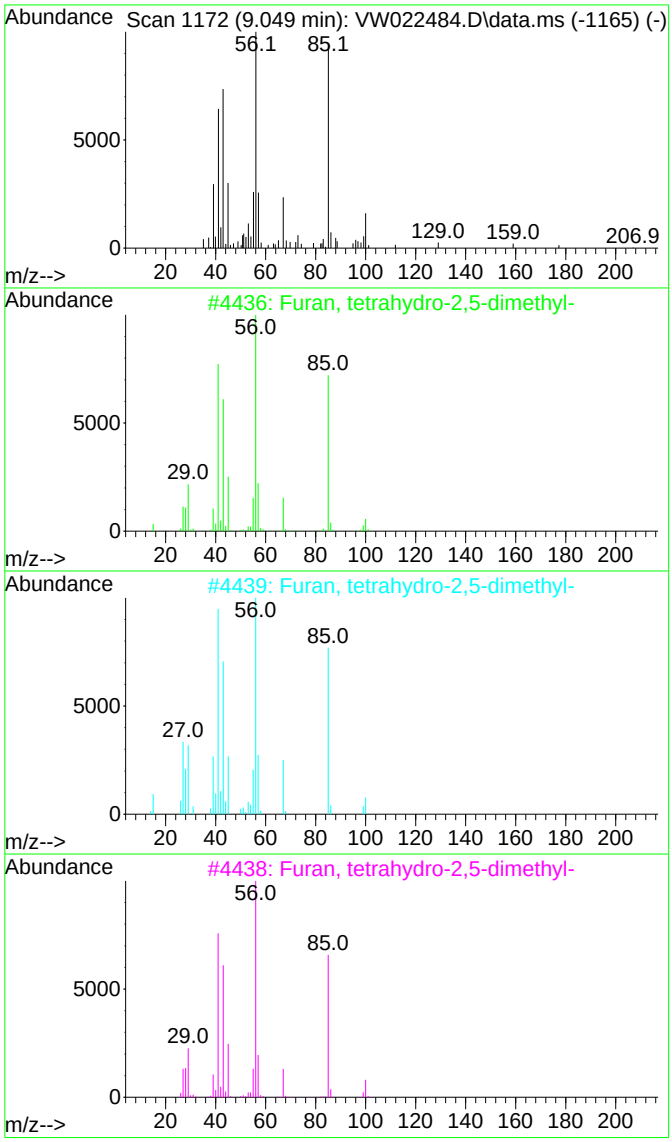
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

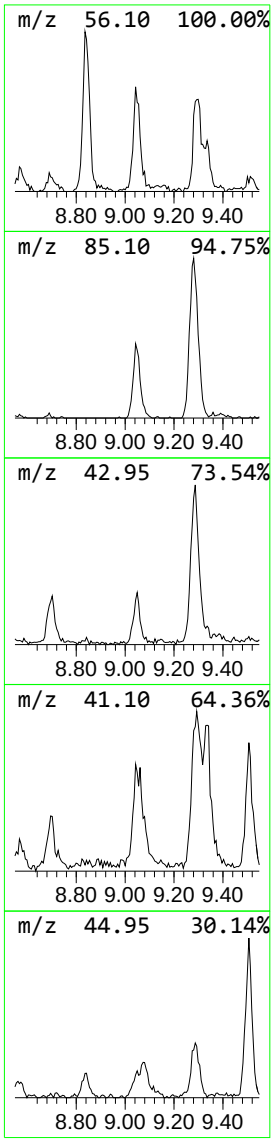
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Furan, tetrahydro-2,5-dimet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	1.35 ug/L	56173	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	90
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	83
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	80
4	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64
5	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	64





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Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

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

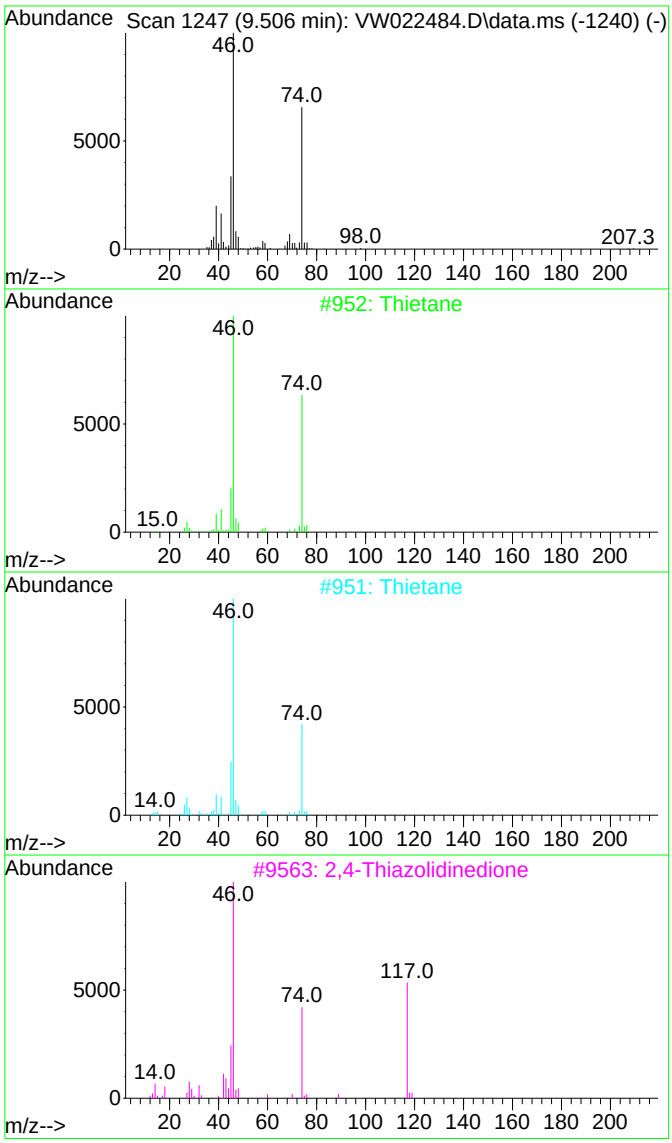
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

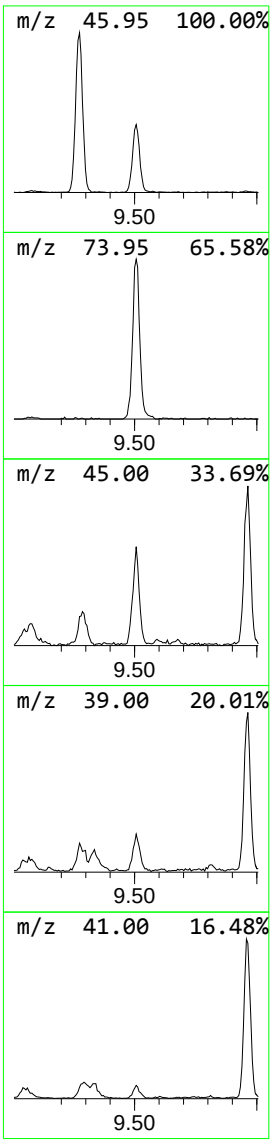
****

Peak Number 8 Thietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	3.10 ug/L	128732	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	83
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 : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

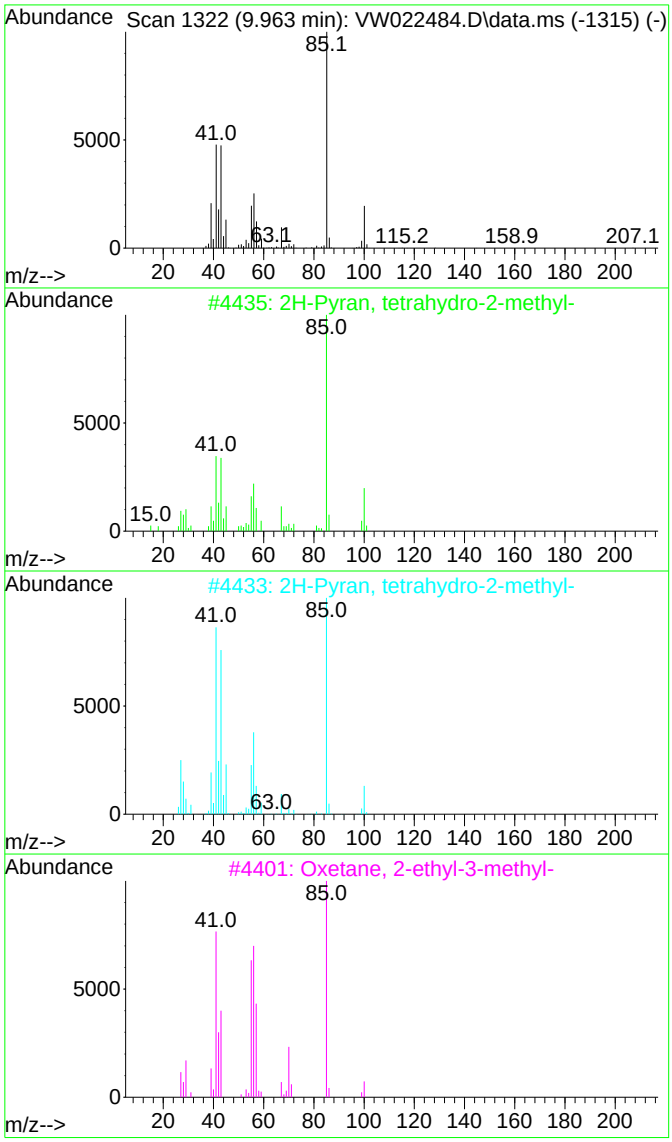
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

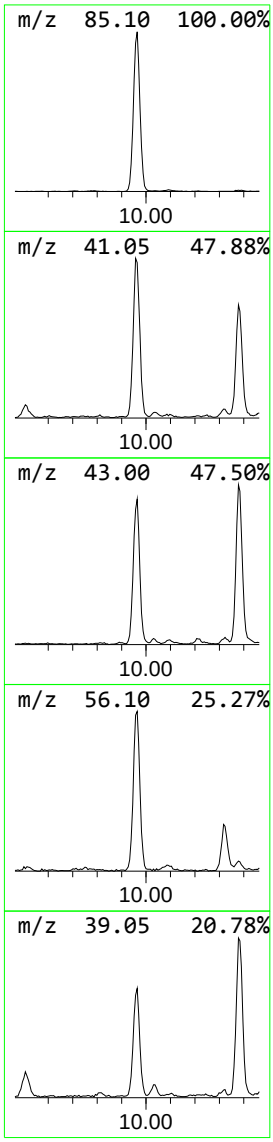
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	14.73 ug/L	611773	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	90
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	78
3	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	64
4	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	59
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	53





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

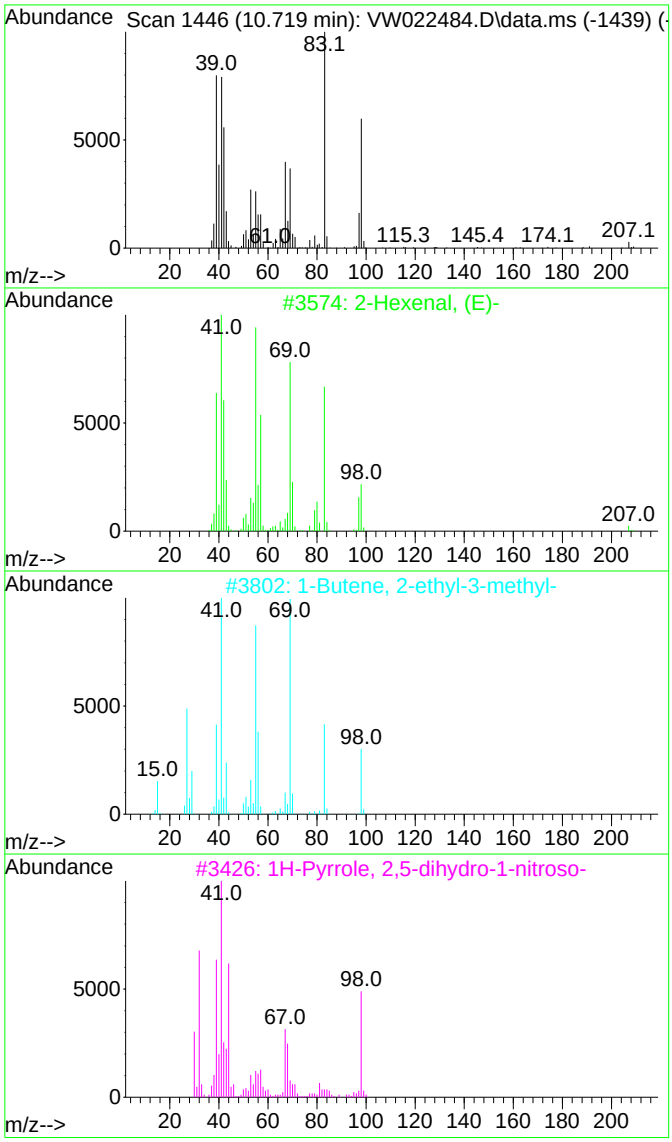
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

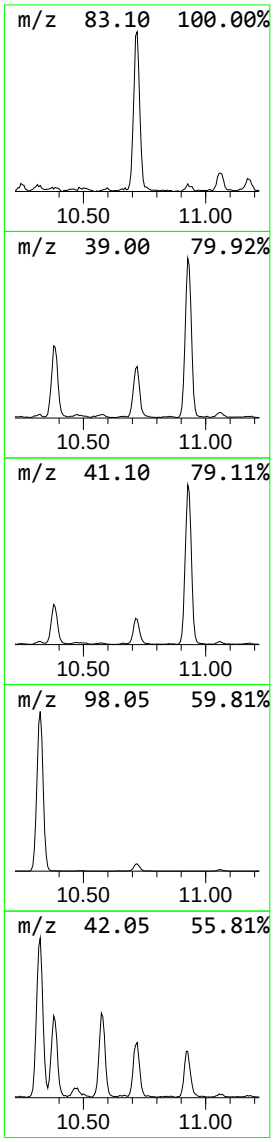
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Hexenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	1.59 ug/L	333065	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	87
2	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	72
3	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	59
4	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	56
5	2-Methyl-3-vinyl-oxirane	84	C5H8O	006790-37-0	49





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

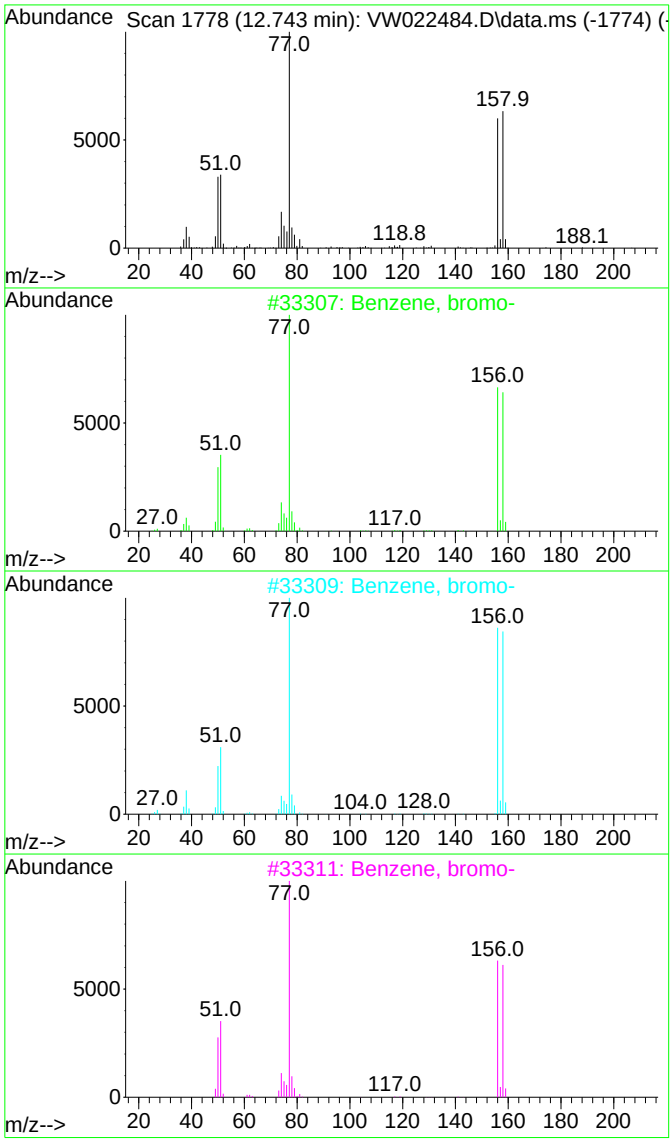
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

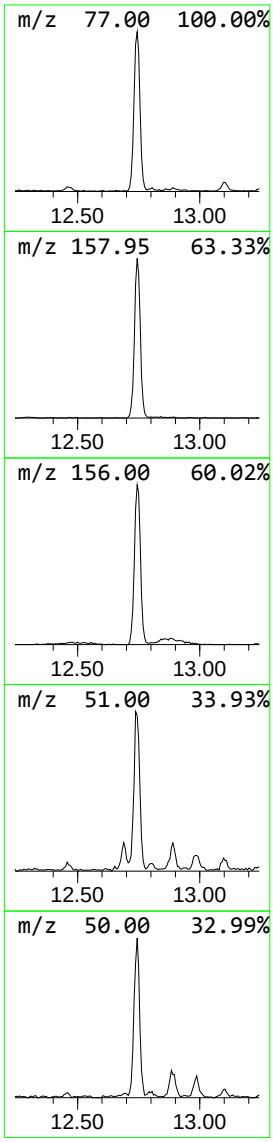
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	5.22 ug/L	301024	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	96
4	Benzene, bromo-	156	C6H5Br	000108-86-1	91
5	Benzene, bromo-	156	C6H5Br	000108-86-1	90





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

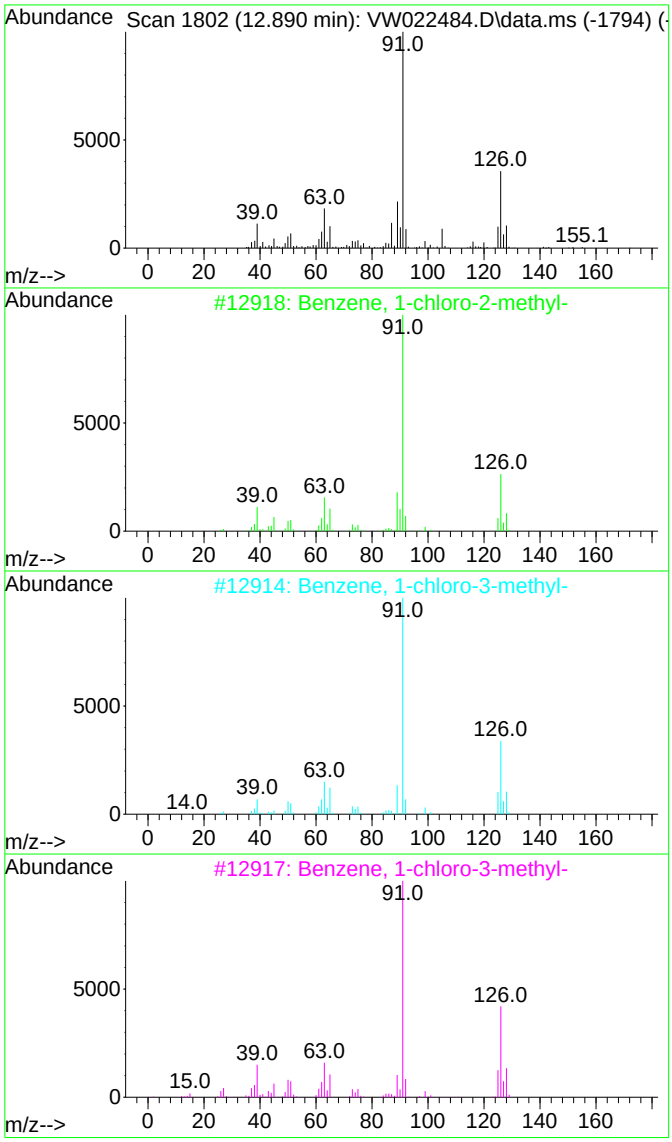
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

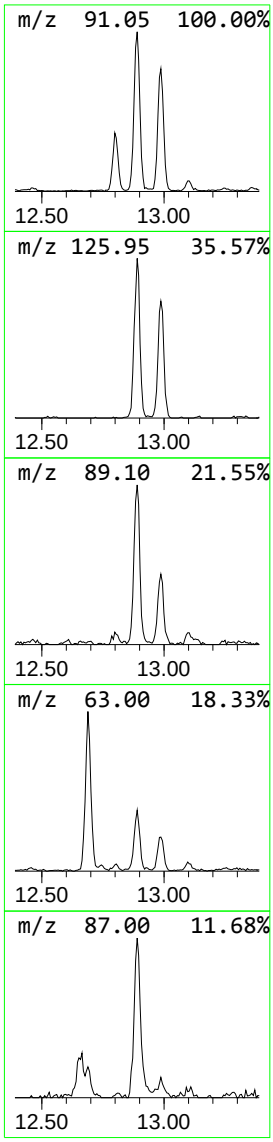
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-chloro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	4.42 ug/L	254756	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	92
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

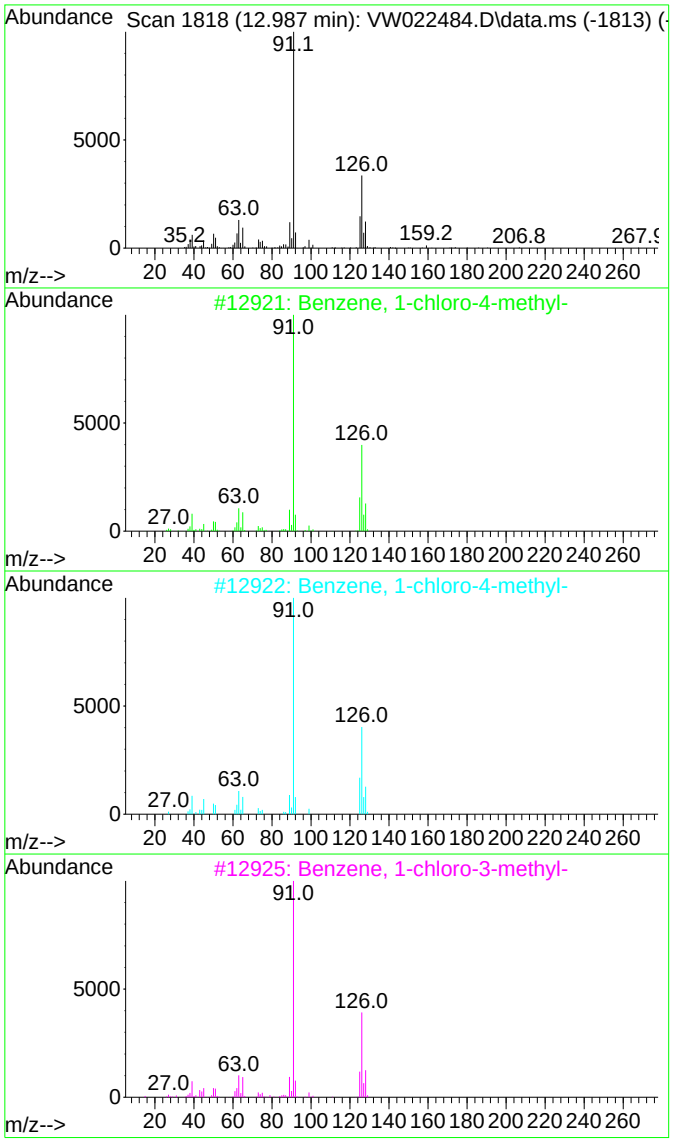
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

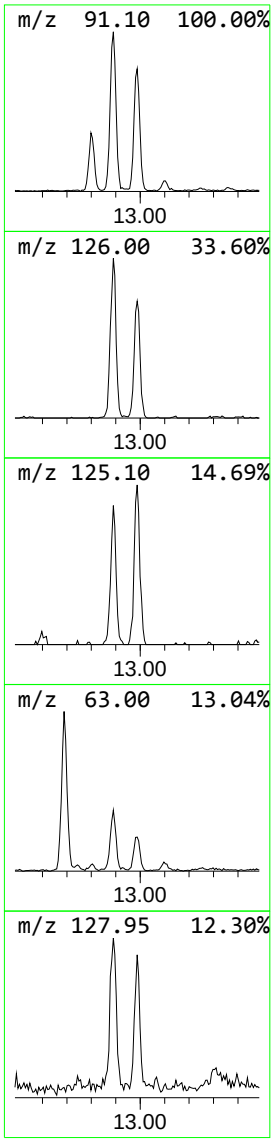
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-chloro-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	2.55 ug/L	147221	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	97
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	97
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	96
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	96
5	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

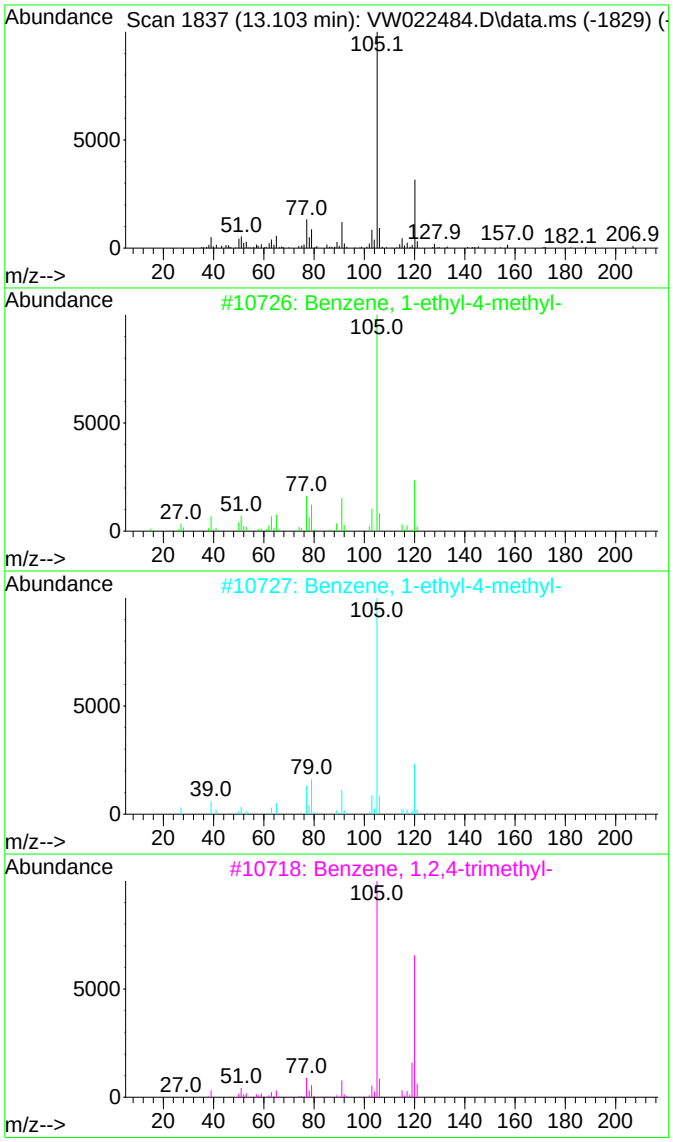
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

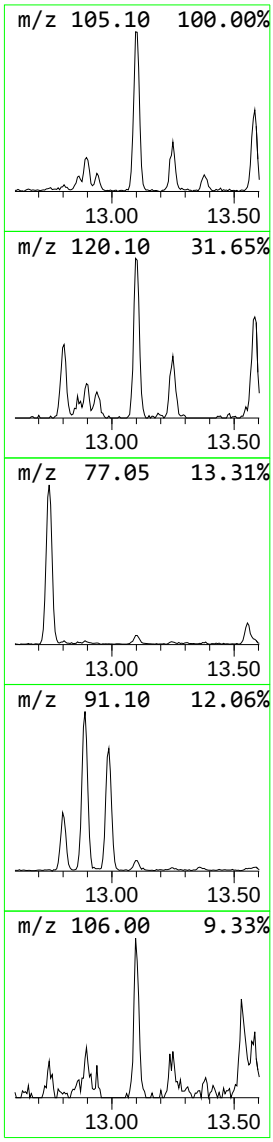
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.72 ug/L	99291	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

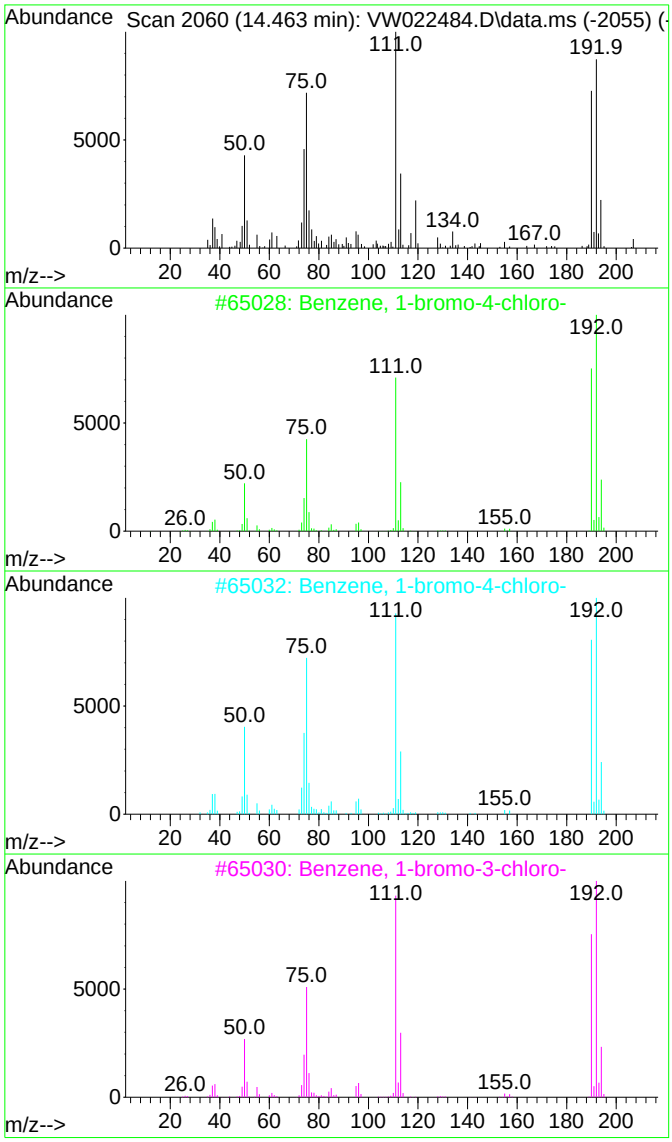
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

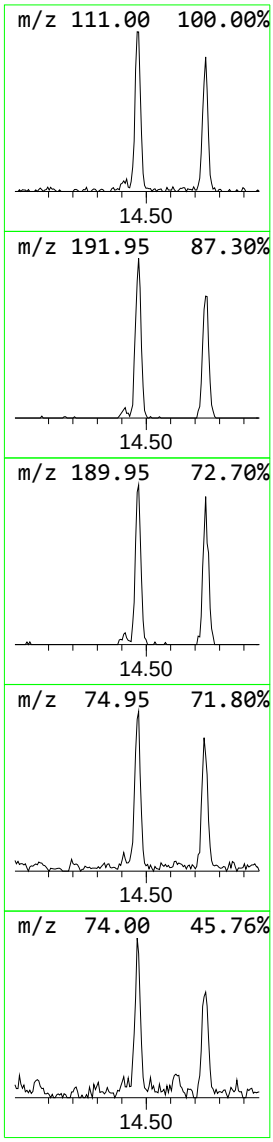
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-bromo-4-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	1.60 ug/L	92185	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96





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Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

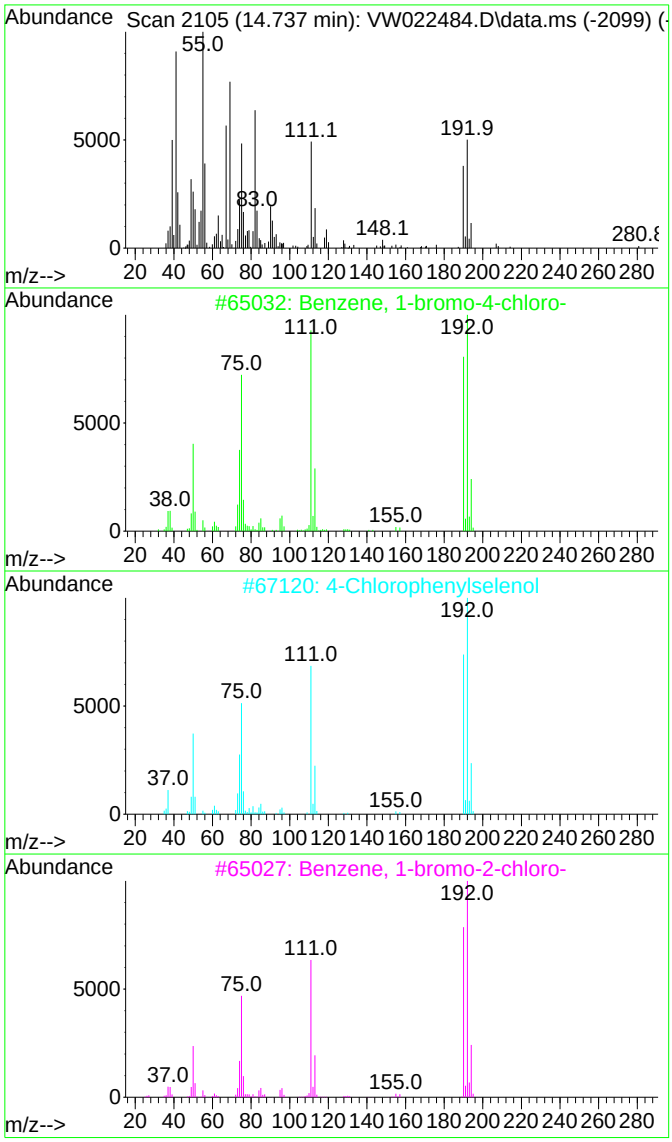
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

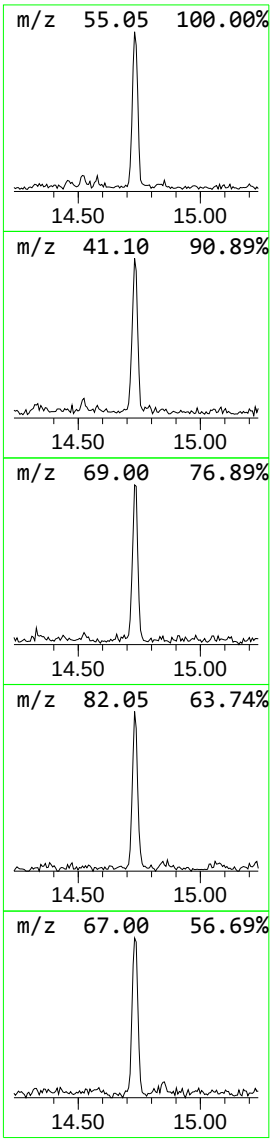
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Chlorophenylselenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	2.91 ug/L	167791	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	92
2	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	76
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	74
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	38
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

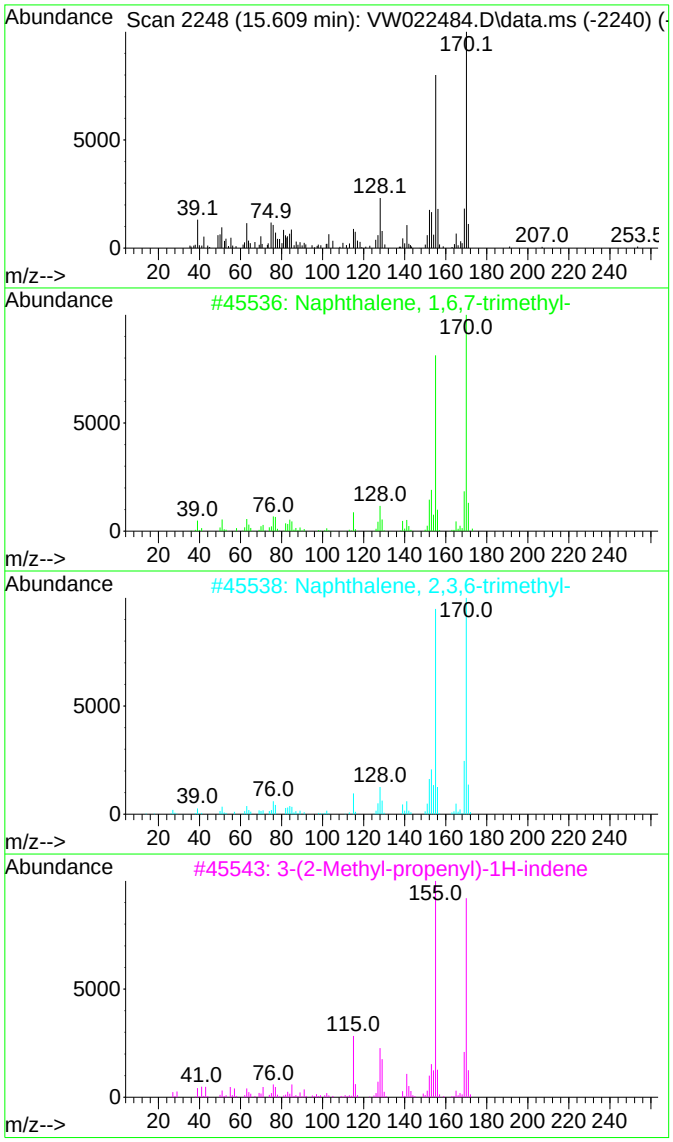
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

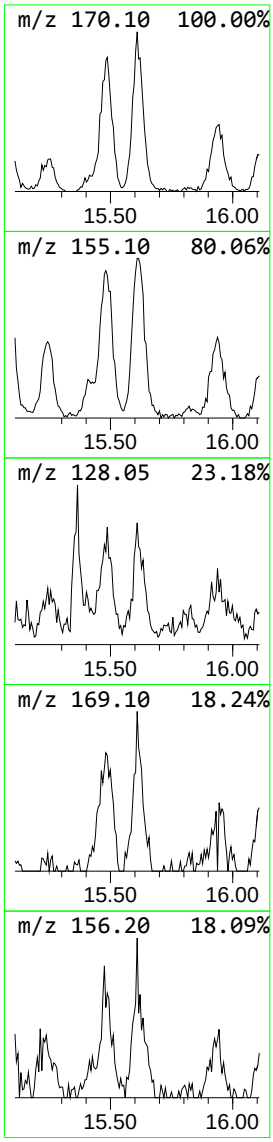
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	2.57 ug/L	148013	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

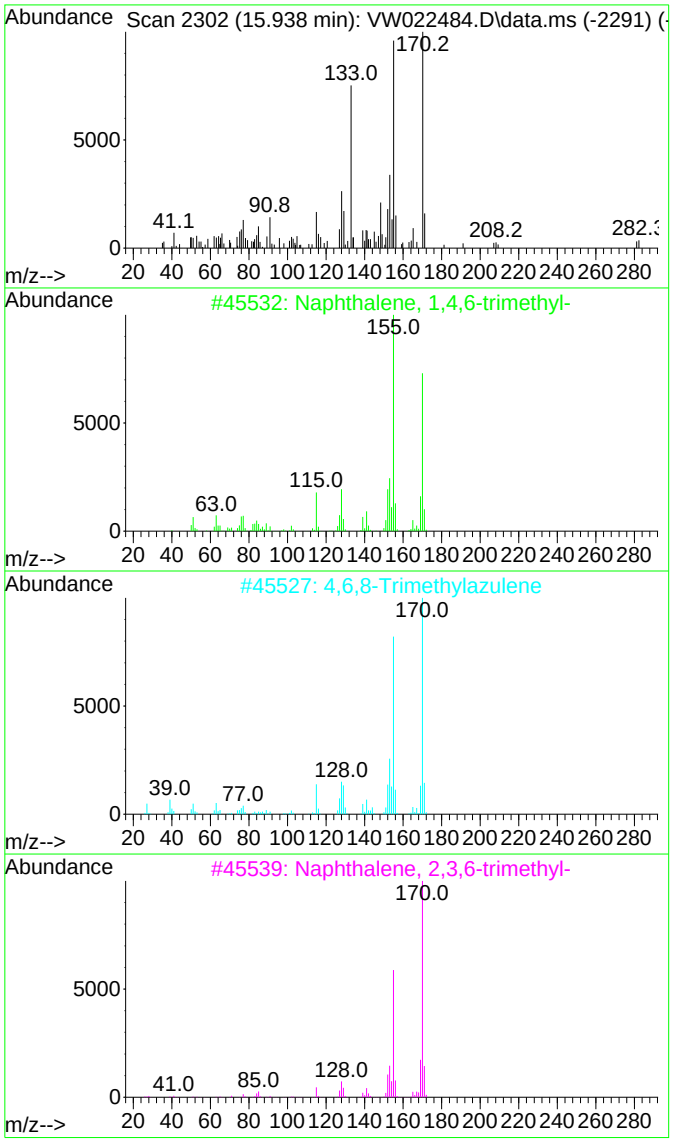
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

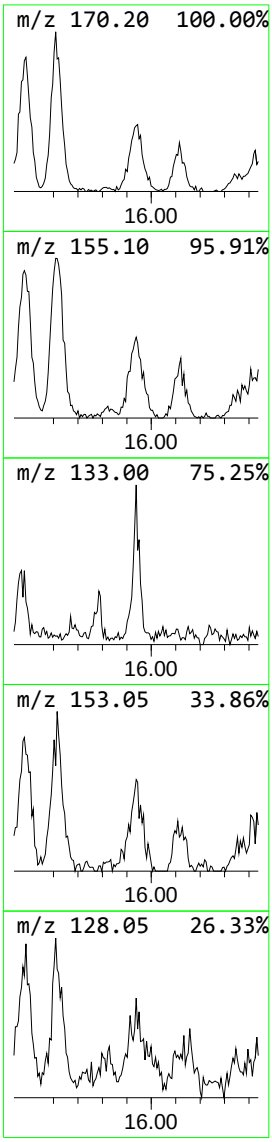
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	1.44 ug/L	82983	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

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

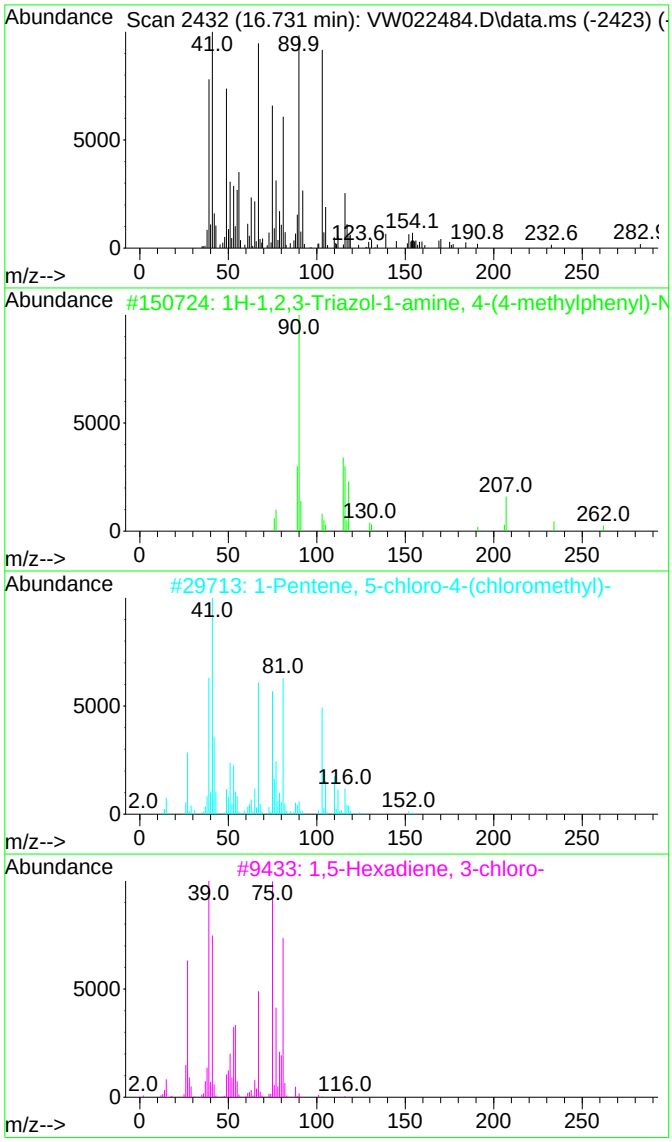
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

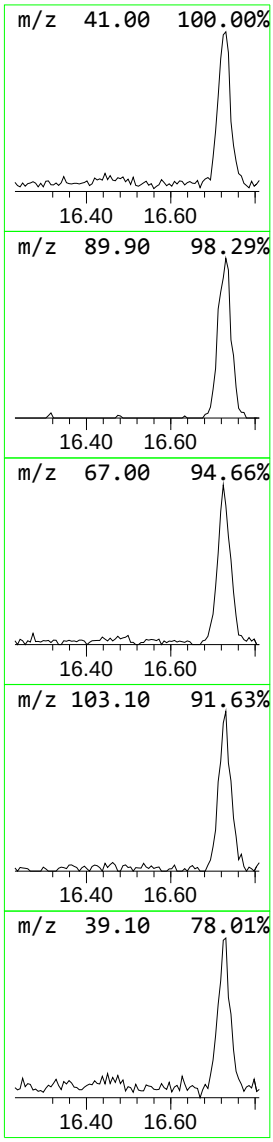
****

Peak Number 21 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.730	1.93 ug/L	111590	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3-Triazol-1-amine, 4-(4-m...	262	C16H14N4	113261-43-1	38
2	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	16
3	1,5-Hexadiene, 3-chloro-	116	C6H9Cl	028374-86-9	14
4	Methylene chloride	84	CH2Cl2	000075-09-2	10
5	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022484.D
Acq On : 11 Apr 2022 15:45
Operator : SY/VA
Sample : N2316-05
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

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...	1.965	176.7	ug/L	7336330	1	8.842	1038270	25.0
Dimethyl sulfide	4.202	4.4	ug/L	183797	1	8.842	1038270	25.0
unknown-01	4.391	1.4	ug/L	58192	1	8.842	1038270	25.0
(DEL) Alkane: C...	5.007	3.0	ug/L	124894	1	8.842	1038270	25.0
1,5-Hexadiene	5.562	1.5	ug/L	60170	1	8.842	1038270	25.0
Ethane, (methyl...	7.001	1.5	ug/L	63219	1	8.842	1038270	25.0
Furan, tetrahyd...	9.049	1.4	ug/L	56173	1	8.842	1038270	25.0
Thietane	9.506	3.1	ug/L	128732	1	8.842	1038270	25.0
2H-Pyran, tetra...	9.963	14.7	ug/L	611773	1	8.842	1038270	25.0
2-Hexenal, (E)-	10.719	1.6	ug/L	333065	2	11.634	5252840	25.0
Benzene, bromo-	12.743	5.2	ug/L	301024	3	13.554	1442450	25.0
Benzene, 1-chlo...	12.890	4.4	ug/L	254756	3	13.554	1442450	25.0
Benzene, 1-chlo...	12.987	2.5	ug/L	147221	3	13.554	1442450	25.0
Benzene, 1-ethy...	13.103	1.7	ug/L	99291	3	13.554	1442450	25.0
Benzene, 1-brom...	14.463	1.6	ug/L	92185	3	13.554	1442450	25.0
4-Chlorophenyls...	14.737	2.9	ug/L	167791	3	13.554	1442450	25.0
Naphthalene, 1,...	15.609	2.6	ug/L	148013	3	13.554	1442450	25.0
Naphthalene, 1,...	15.938	1.4	ug/L	82983	3	13.554	1442450	25.0
unknown-02	16.730	1.9	ug/L	111590	3	13.554	1442450	25.0