LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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: VW022487.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	41	rBV	12477115	20388555	100.00%	26.028%
2	2.355	66	74	89	rVB	160091	315570	1.55%	0.403%
3	2.641	115	121	126	rBV10	13417	37080	0.18%	0.047%
4	2.885	155	161	172	rVB	90539	202002	0.99%	0.258%
5	3.385	235	243	253	rVB2	15062	36430	0.18%	0.047%
6	3.733	285	300	303	rBV7	6448	21411	0.11%	0.027%
7	3.934	322	333	338	rBV5	10205	34464	0.17%	0.044%
8	4.019	338	347	357	rVV2	168781	535066	2.62%	0.683%
9	4.123	357	364	371	rVV	131577	360636	1.77%	0.460%
10	4.208	371	378	398	rVB	141828	440156	2.16%	0.562%
11	4.397	400	409	419	rBV	44770	138682	0.68%	0.177%
12	4.787	462	473	481	rVB4	8534	30279	0.15%	0.039%
13	5.013	481	510	527	rBV	219242	856799	4.20%	1.094%
14	5.184	531	538	548	rVB7	10114	32880	0.16%	0.042%
15	5.434	569	579	588	rBV2	9356	31727	0.16%	0.041%
16	5.562	590	600	613	rVB2	28827	92760	0.45%	0.118%
17	5.940	651	662	674	rVB3	41448	120271	0.59%	0.154%
18	6.214	698	707	716	rBV3	6376	20295	0.10%	0.026%
19	6.610	765	772	785	rVB7	8328	24628	0.12%	0.031%
20	6.988	822	834	842	rBV4	37648	120524	0.59%	0.154%
21	7.086	842	850	861	rVV2	102710	411456	2.02%	0.525%
22	7.171	861	864	876	rVB	21098	48775	0.24%	0.062%
23	7.647	932	942	959	rVB	318475	775683	3.80%	0.990%
24	7.958	977	993	1001	rBV6	36979	124850	0.61%	0.159%
25	8.159	1016	1026	1031	rBV3	16326	38134	0.19%	0.049%
26	8.323	1033	1053	1064	rVV	5951491	14605265	71.63%	18.645%
27	8.439	1065	1072	1078	rVV6	21998	71873	0.35%	0.092%
28	8.512	1078	1084	1088	rVV2	17737	44400	0.22%	0.057%
29	8.567	1088	1093	1102	rVB3	29165	70312	0.34%	0.090%
30	8.695	1107	1114	1126	rVB3	33343	79265	0.39%	0.101%
31	8.842	1126	1138	1151	rBV	540138	1081394	5.30%	1.381%
32	9.049	1164	1172	1184	rBV2	50261	140932	0.69%	0.180%
33	9.152	1184	1189	1198	rVB2	20790	43824	0.21%	0.056%
34	9.274	1198	1209	1215	rBV2	461617	1021404	5.01%	1.304%
35	9.335	1215	1219	1231	rVV2	156764	339383	1.66%	0.433%
36	9.506	1240	1247	1255	rVB3	80376	168484	0.83%	0.215%

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ClientSampleId :
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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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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	9.963	1308	1322	1328	rBV	753911	1398519	6.86%	1.785%
38	10.036	1328	1334	1340	rVV	237983	437963	2.15%	0.559%
39	10.091	1340	1343	1352	rVB6	12735	26723	0.13%	0.034%
40	10.323	1373	1381	1386	rBV	828728	1504332	7.38%	1.920%
41	10.384	1386	1391	1399	rVV2	1519310	2657208	13.03%	3.392%
42	10.475	1399	1406	1416	rVV6	28317	99414	0.49%	0.127%
43	10.579	1416	1423	1430	rVB	162863	284585	1.40%	0.363%
44	10.664	1431	1437	1440	rBV3	23293	44545	0.22%	0.057%
45	10.713	1440	1445	1459	rVB	377577	706904	3.47%	0.902%
46	10.853	1464	1468	1472	rVB2	16906	23248	0.11%	0.030%
47	10.927	1473	1480	1492	rBV2	1175873	2117184	10.38%	2.703%
48	11.055	1497	1501	1507	rBV2	51247	87317	0.43%	0.111%
49	11.177	1516	1521	1527	rVB2	40799	74282	0.36%	0.095%
50	11.286	1532	1539	1548	rBV	151981	283605	1.39%	0.362%
51	11.481	1566	1571	1576	rVB5	13824	25577	0.13%	0.033%
52	11.554	1576	1583	1588	rBV2	66665	103935	0.51%	0.133%
53	11.652	1588	1599	1606	rBV2	6305330	12064755	59.17%	15.402%
54	11.725	1606	1611	1617	rVB2	187723	392416	1.92%	0.501%
55	11.811	1617	1625	1627	rBV4	81581	162312	0.80%	0.207%
56	11.945	1641	1647	1659	rBV	64959	130089	0.64%	0.166%
57	12.061	1661	1666	1672	rVB4	10908	20371	0.10%	0.026%
58	12.164	1678	1683	1693	rVB	71462	118492	0.58%	0.151%
59	12.310	1702	1707	1716	rVB10	8777	21853	0.11%	0.028%
60	12.463	1726	1732	1738	rVB	54016	87481	0.43%	0.112%
61	12.603	1748	1755	1759	rBV3	22059	45898	0.23%	0.059%
62	12.688	1759	1769	1773	rVV	456815	820581	4.02%	1.048%
63	12.743	1773	1778	1783	rVV	931385	1523951	7.47%	1.945%
64	12.798	1783	1787	1794	rVV	125569	214524	1.05%	0.274%
65	12.890	1794	1802	1808	rVV2	298269	521496	2.56%	0.666%
66	12.987	1812	1818	1825	rVB	130939	214899	1.05%	0.274%
67	13.103	1831	1837	1846	rVB	183364	303941	1.49%	0.388%
68	13.188	1846	1851	1854	rBV6	16541	30870	0.15%	0.039%
69	13.243	1856	1860	1865	rVV2	37462	76016	0.37%	0.097%
70	13.286	1865	1867	1875	rVB6	26235	44786	0.22%	0.057%
71	13.371	1875	1881	1889	rBV3	25761	63989	0.31%	0.082%
72	13.554	1905	1911	1920	rBV2	867839	1503667	7.38%	1.920%
73	13.639	1920	1925	1932	rVB4	72791	127062	0.62%	0.162%
74	13.713	1934	1937	1940	rBV2	25214	28298	0.14%	0.036%
75	13.798	1947	1951	1953	rBV	28664	44734	0.22%	0.057%
76	13.853	1953	1960	1969	rVV2	933214	1730376	8.49%	2.209%

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Instrument :
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ClientSampleId :
ETNQ7

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	13.944	1969	1975	1980	rVV	61306	114771	0.56%	0.147%
78	14.005	1980	1985	1987	rVV	48482	81100	0.40%	0.104%
79	14.036	1987	1990	1994	rVV	38871	61933	0.30%	0.079%
80	14.091	1994	1999	2006	rVB	84094	135031	0.66%	0.172%
81	14.206	2010	2018	2024	rBV2	95589	183947	0.90%	0.235%
82	14.334	2034	2039	2044	rVB2	45313	68744	0.34%	0.088%
83	14.414	2048	2052	2055	rVV2	34527	51047	0.25%	0.065%
84	14.456	2055	2059	2064	rVB2	57145	88022	0.43%	0.112%
85	14.676	2084	2095	2099	rBV5	28799	91574	0.45%	0.117%
86	14.731	2099	2104	2109	rVV3	345273	527189	2.59%	0.673%
87	14.786	2109	2113	2120	rVB	119859	193543	0.95%	0.247%
88	14.865	2121	2126	2130	rBV4	41985	72140	0.35%	0.092%
89	15.060	2149	2158	2171	rBV3	111147	423916	2.08%	0.541%
90	15.249	2180	2189	2196	rBV3	37705	110279	0.54%	0.141%
91	15.420	2211	2217	2218	rBV4	37597	61733	0.30%	0.079%
92	15.481	2219	2227	2238	rVV4	173580	564721	2.77%	0.721%
93	15.603	2239	2247	2261	rVB4	227744	701546	3.44%	0.896%
94	15.737	2262	2269	2276	rBV2	184285	358628	1.76%	0.458%
95	15.822	2278	2283	2290	rVV9	16256	37046	0.18%	0.047%
96	15.938	2290	2302	2315	rVB6	89758	374387	1.84%	0.478%
97	16.109	2322	2330	2339	rBV3	93681	301827	1.48%	0.385%
98	16.352	2361	2370	2371	rBV4	30663	65767	0.32%	0.084%
99	16.419	2378	2381	2382	rBV2	18216	22137	0.11%	0.028%
100	16.724	2424	2431	2439	rBV	257109	568385	2.79%	0.726%

Sum of corrected areas: 78333260

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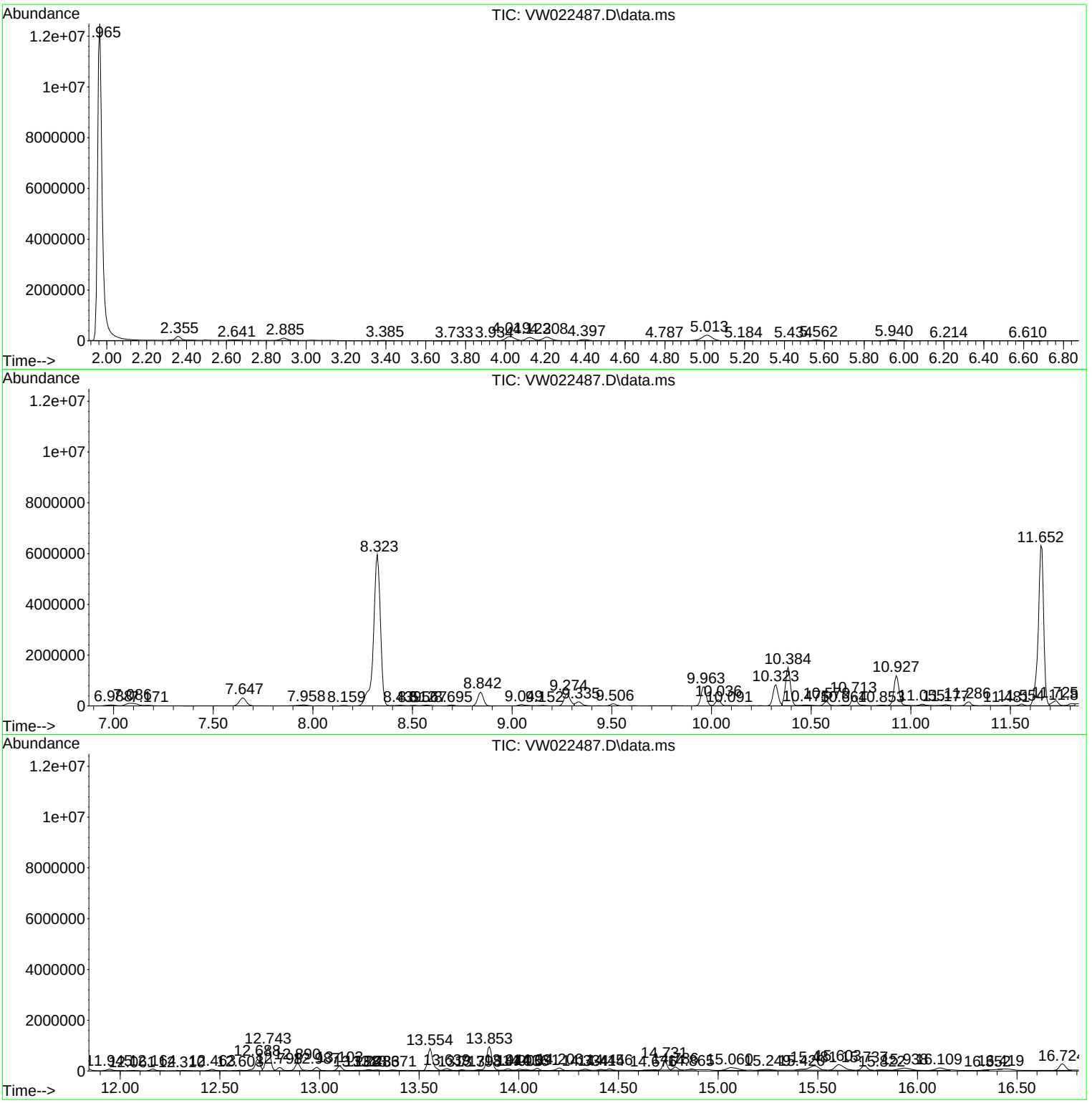
Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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 : VW022487.D
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Instrument :
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ClientSampleId :
ETNQ7

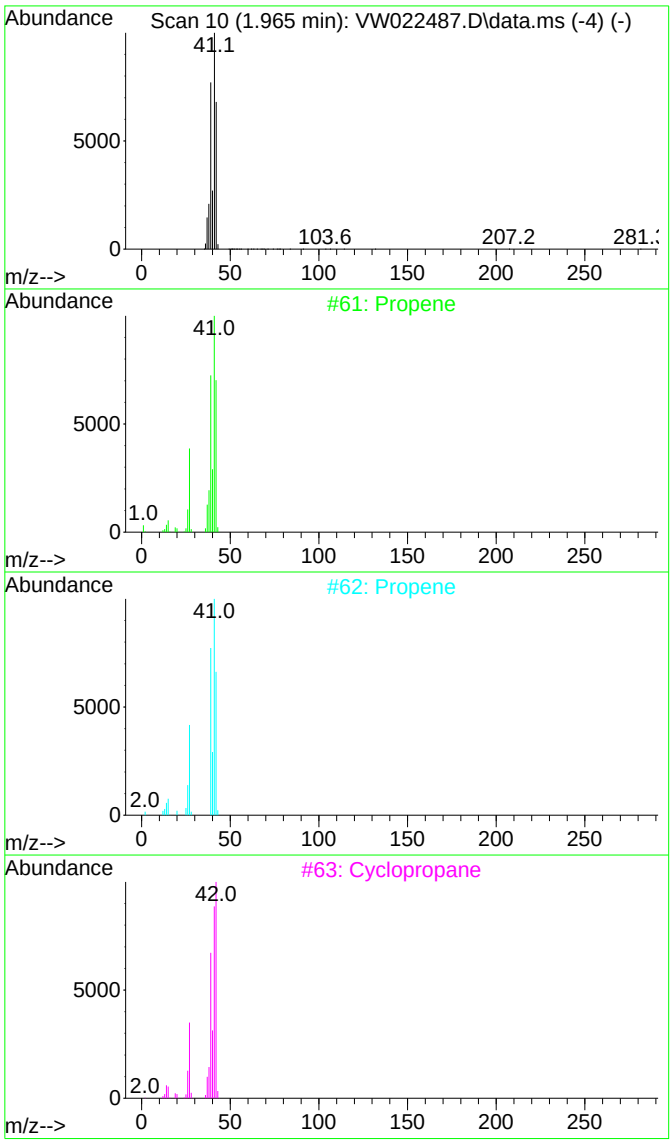
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

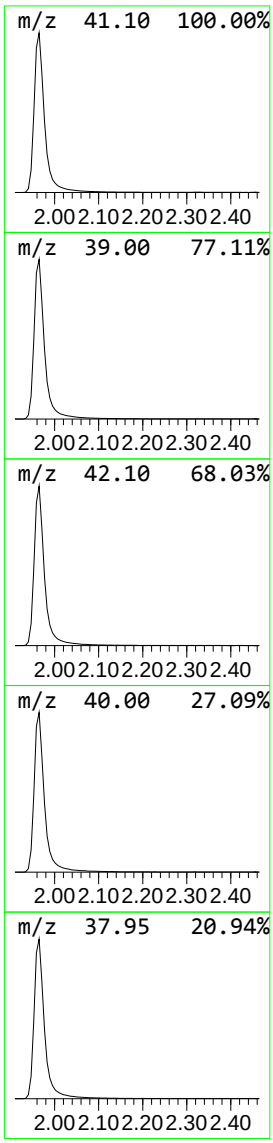
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	471.35 ug/L	20388600	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	64
4	Cyclopropane	42	C3H6	000075-19-4	10
5	Cyclopropene	40	C3H4	002781-85-3	10





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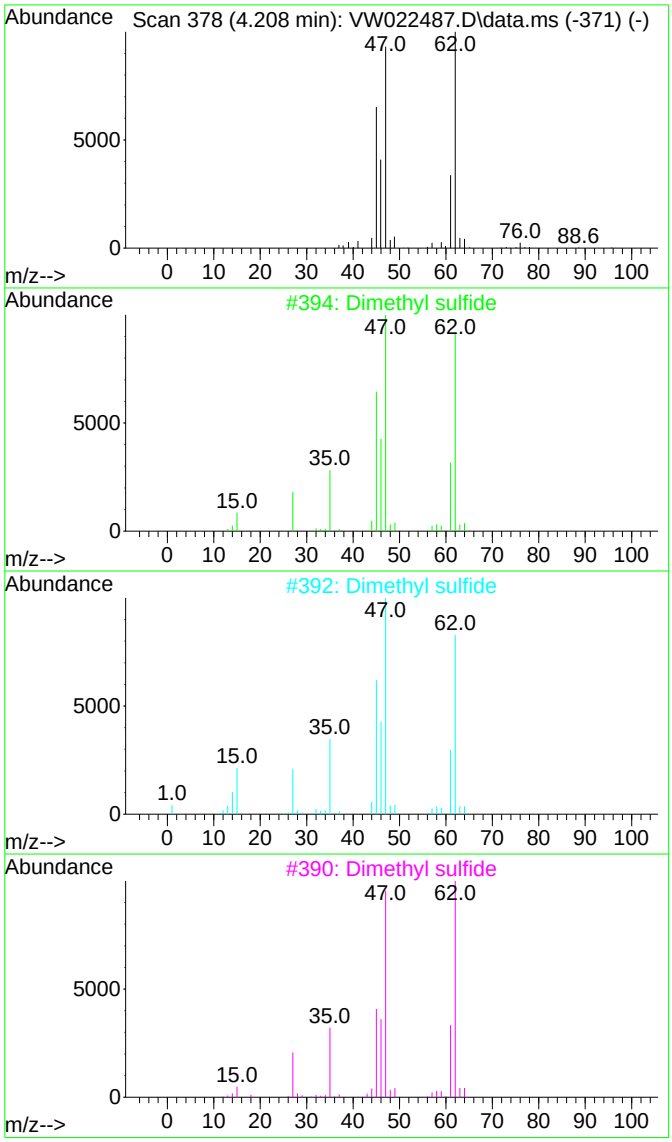
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

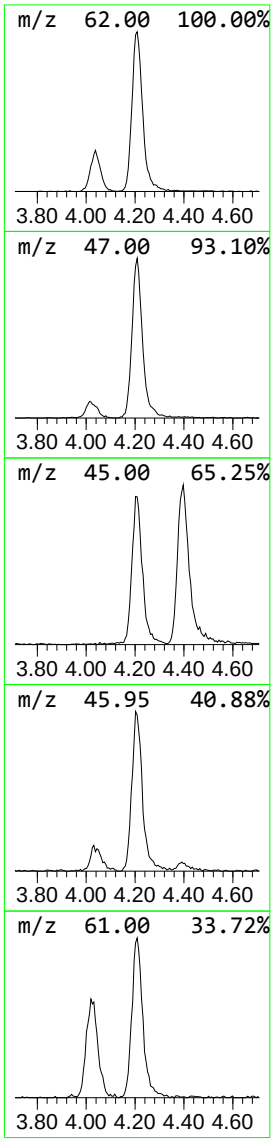
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dimethyl sulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	10.18 ug/L	440156	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	91
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
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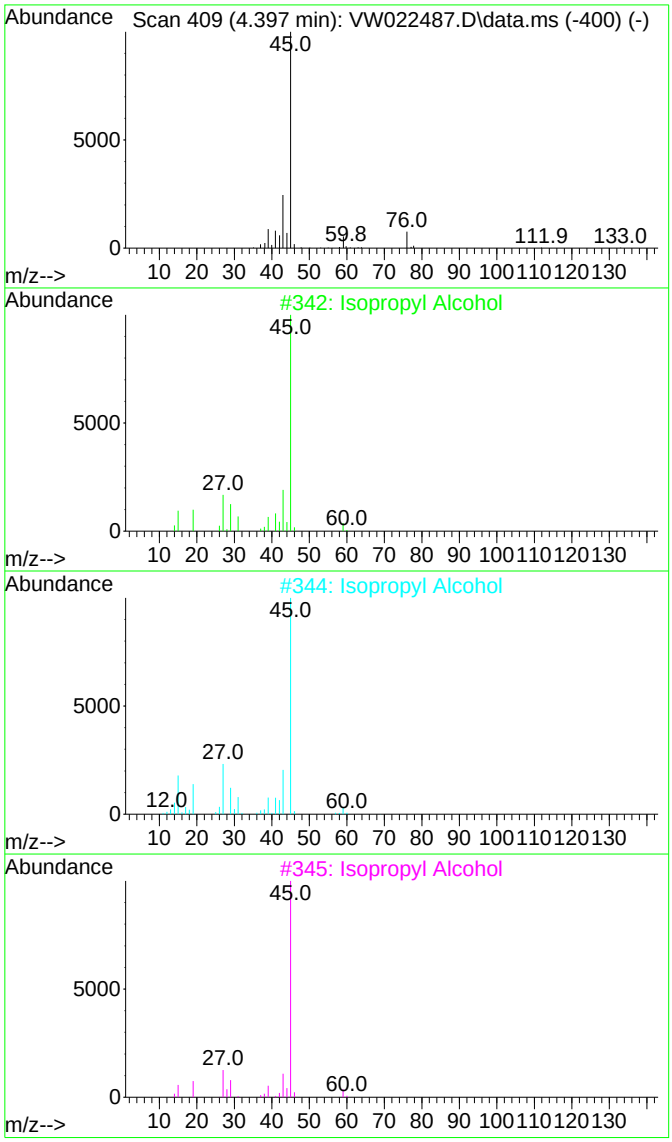
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

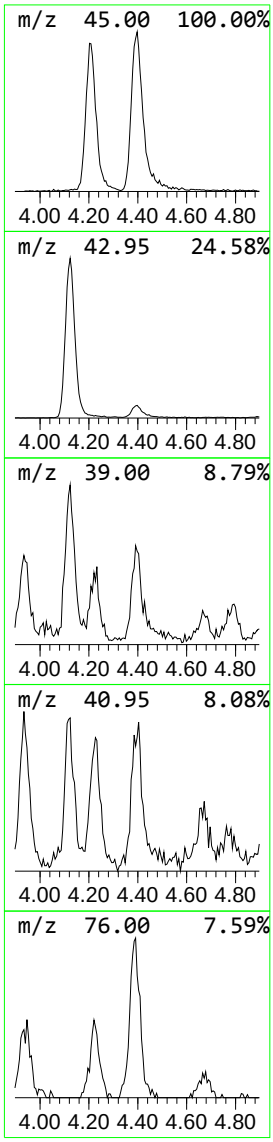
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Isopropyl Alcohol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.397	3.21 ug/L	138682	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





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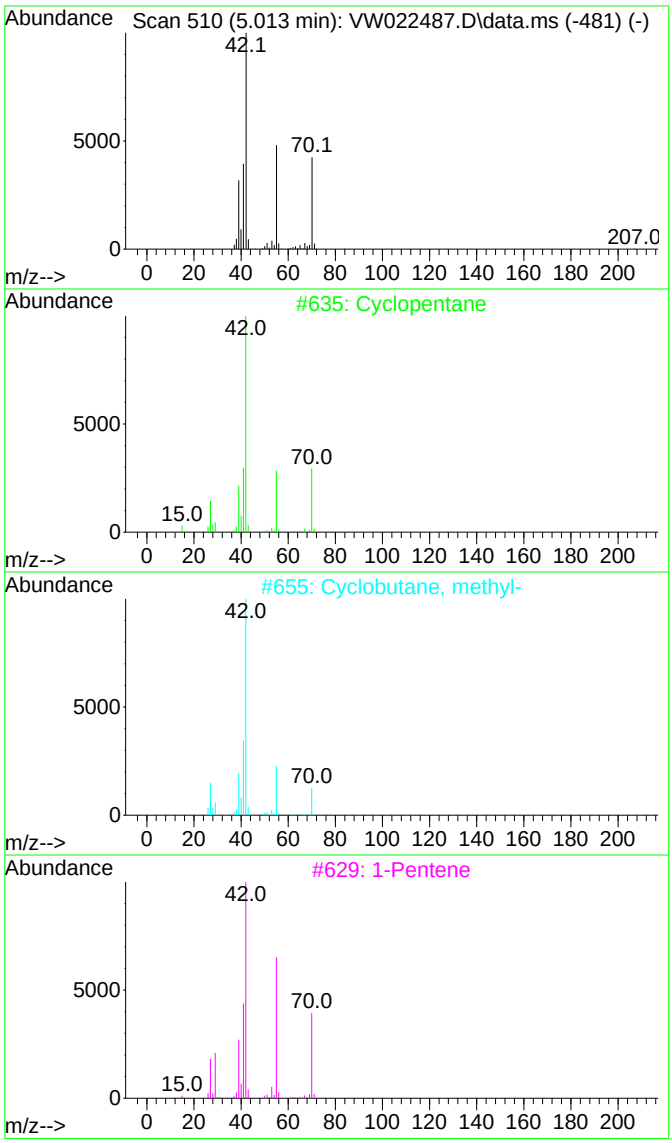
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

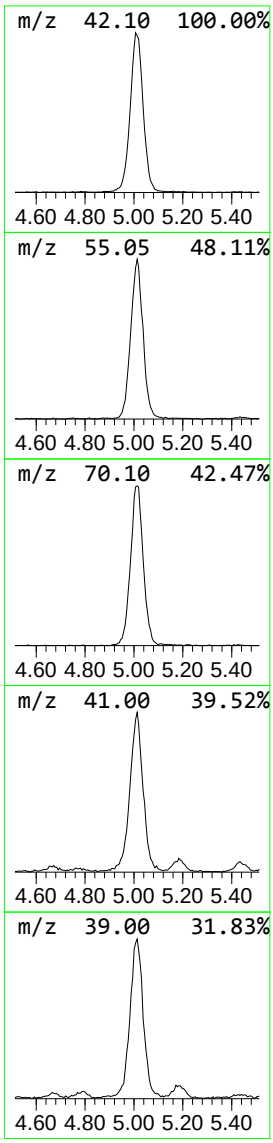
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	19.81 ug/L	856799	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	90
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3	1-Pentene	70	C5H10	000109-67-1	80
4	Cyclopentane	70	C5H10	000287-92-3	78
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
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Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

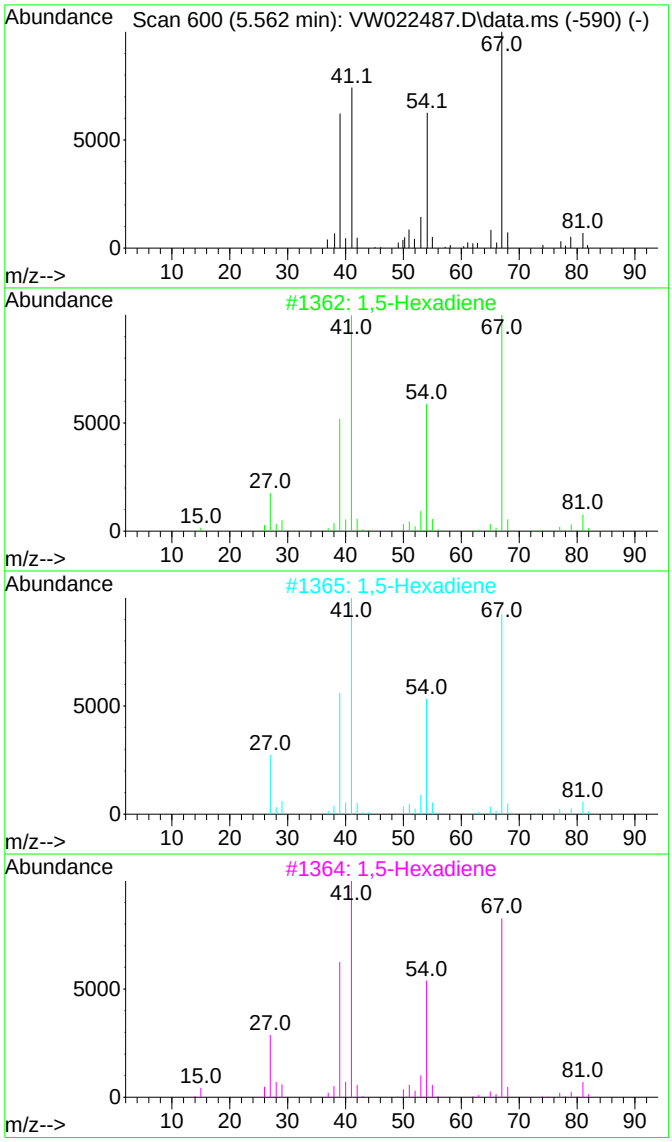
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

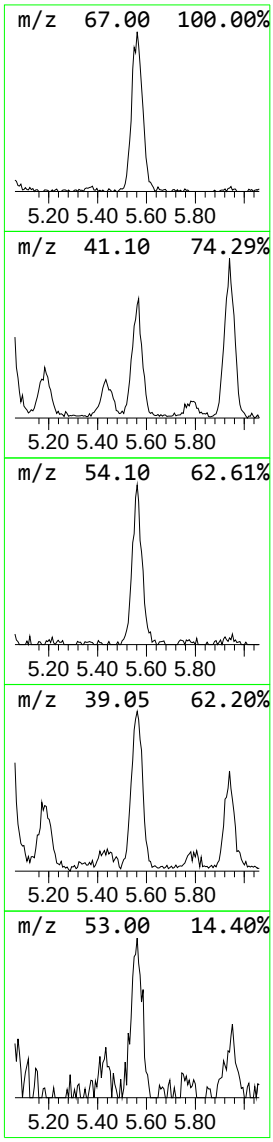
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,5-Hexadiene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.562	2.14 ug/L	92760	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	87
2	1,5-Hexadiene	82	C6H10	000592-42-7	87
3	1,5-Hexadiene	82	C6H10	000592-42-7	83
4	Cyclohexene	82	C6H10	000110-83-8	50
5	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	47





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

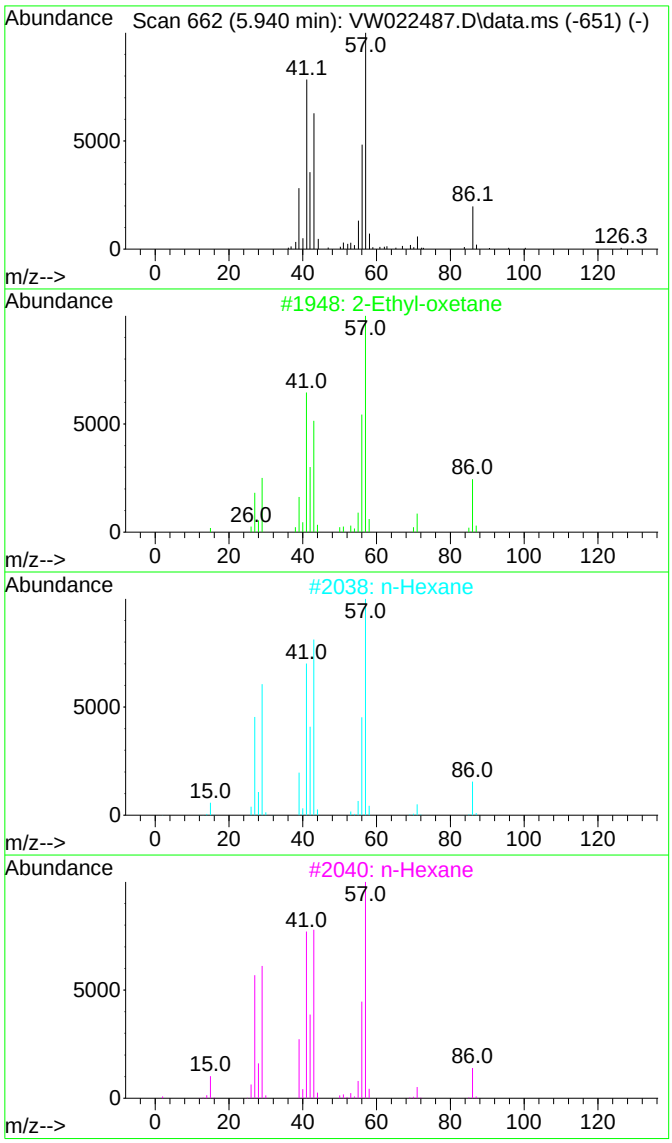
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

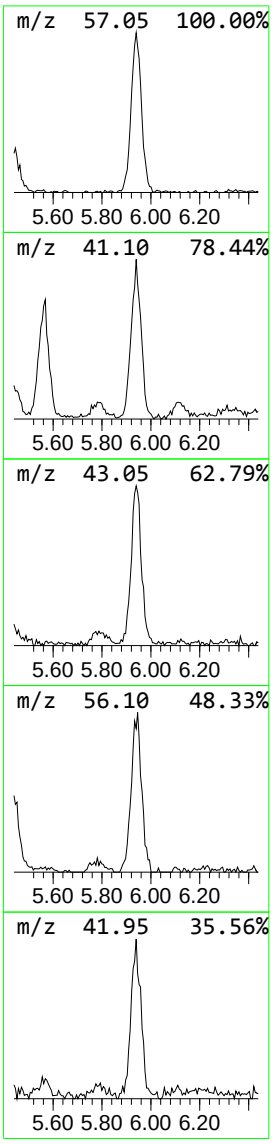
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Ethyl-oxetane Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	2.78 ug/L	120271	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	59
5	n-Hexane	86	C6H14	000110-54-3	50





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Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

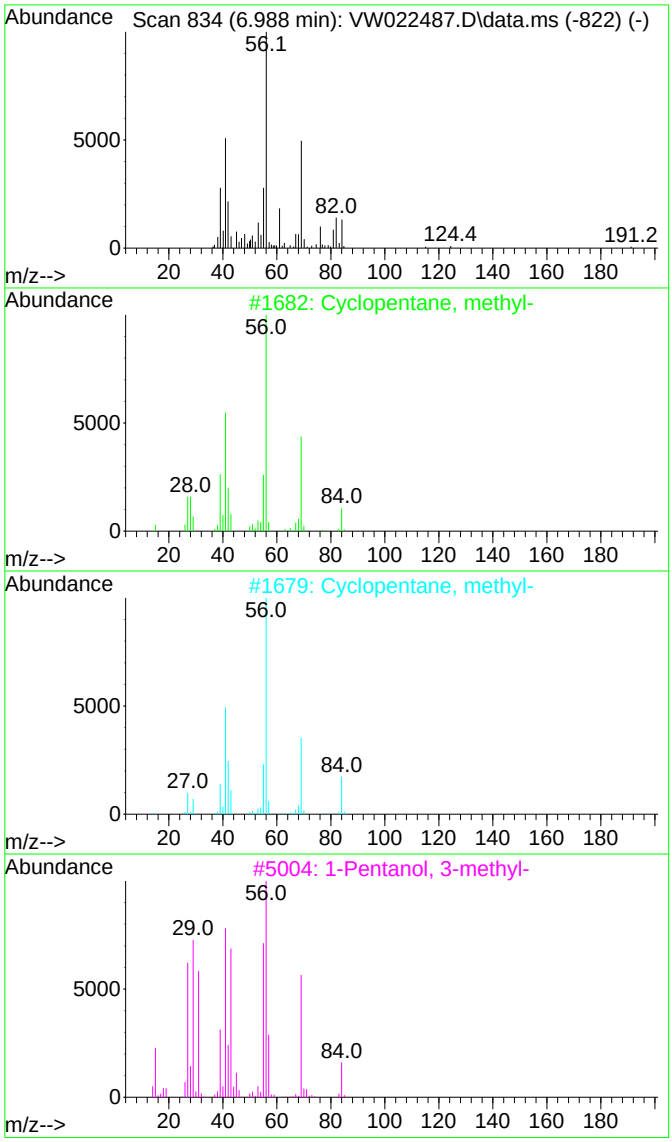
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

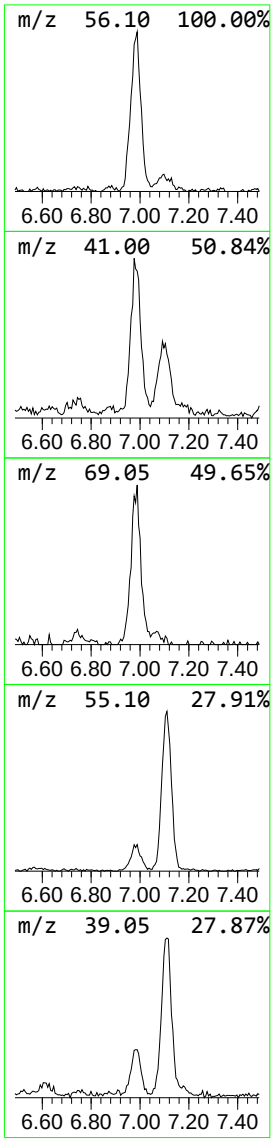
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic6.988 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	2.79 ug/L	120524	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	70
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
3	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	50
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

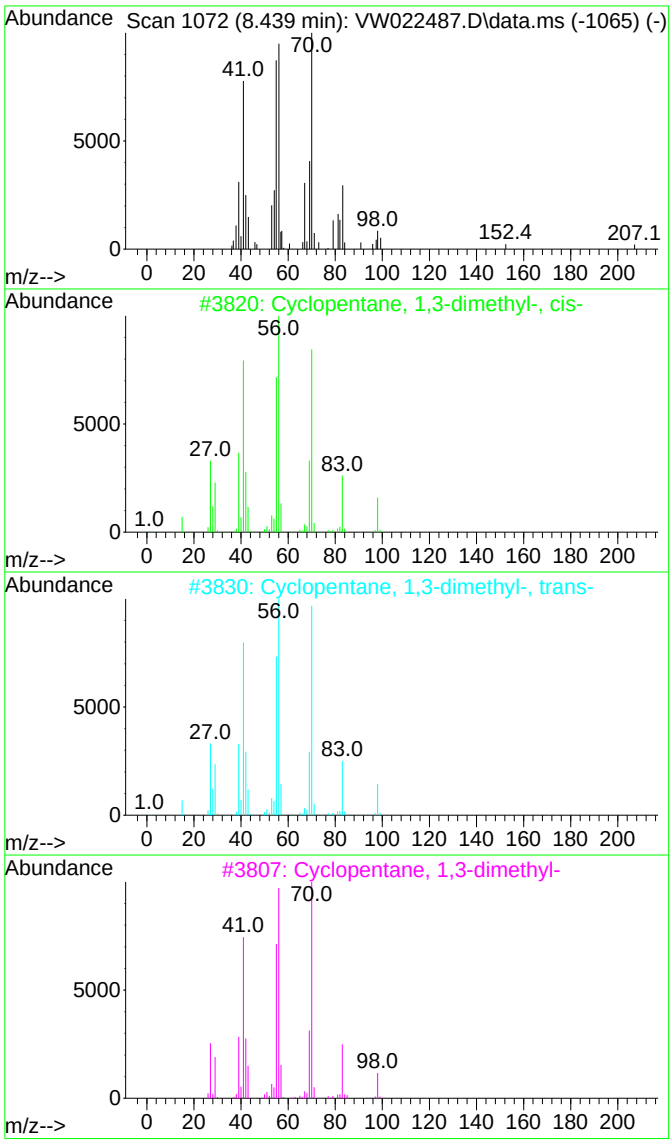
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

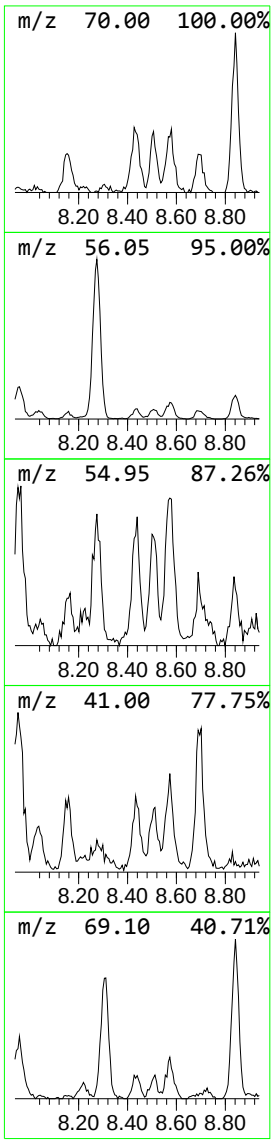
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.439 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	1.66 ug/L	71873	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	81
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	74
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	68
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	68





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

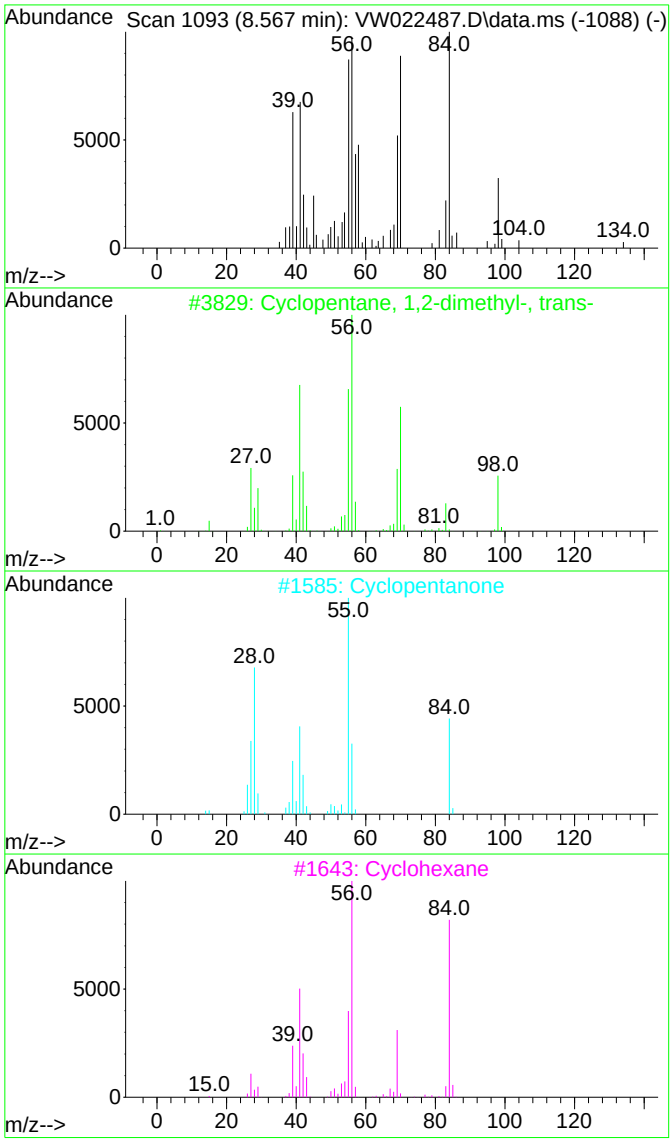
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

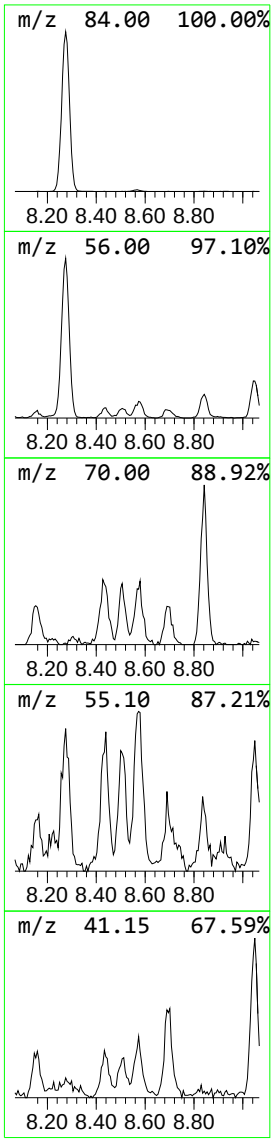
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.567 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.567	1.63 ug/L	70312	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	49
2	Cyclopentanone	84	C5H8O	000120-92-3	43
3	Cyclohexane	84	C6H12	000110-82-7	38
4	(Z)-2-Heptene	98	C7H14	006443-92-1	35
5	1-Heptene	98	C7H14	000592-76-7	30





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Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

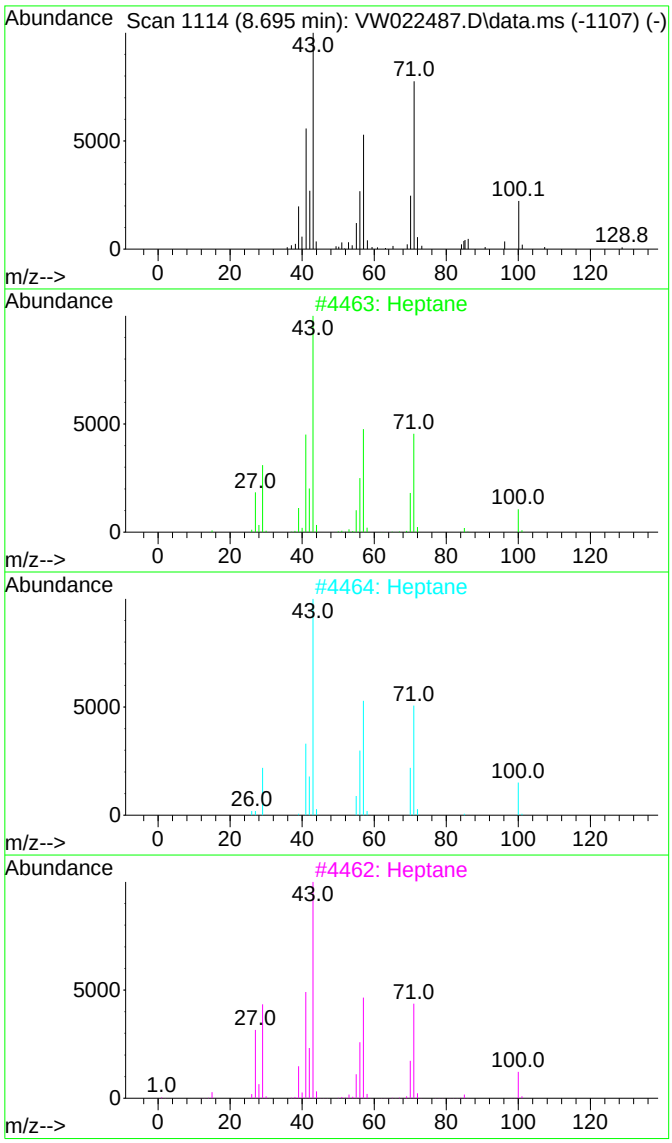
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

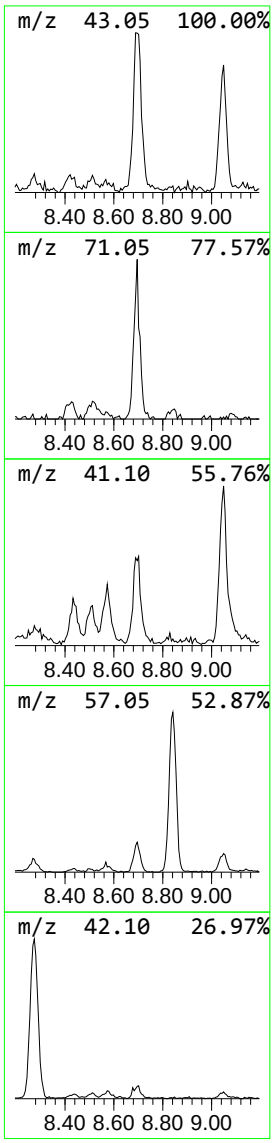
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	1.83 ug/L	79265	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	64
5	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	53





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Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

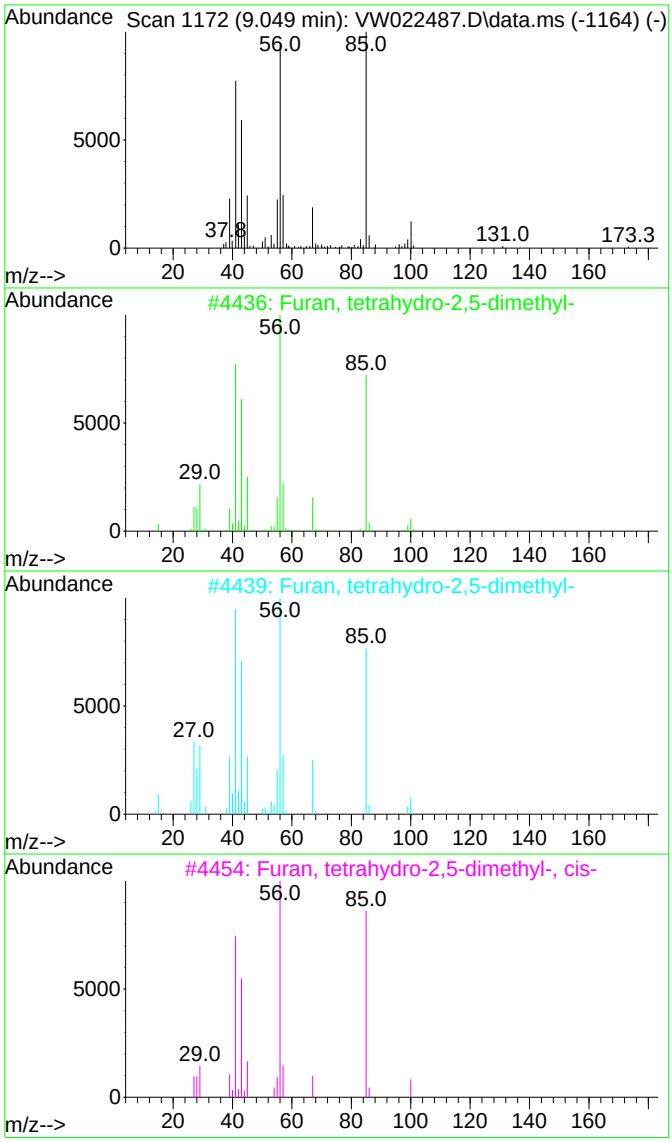
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

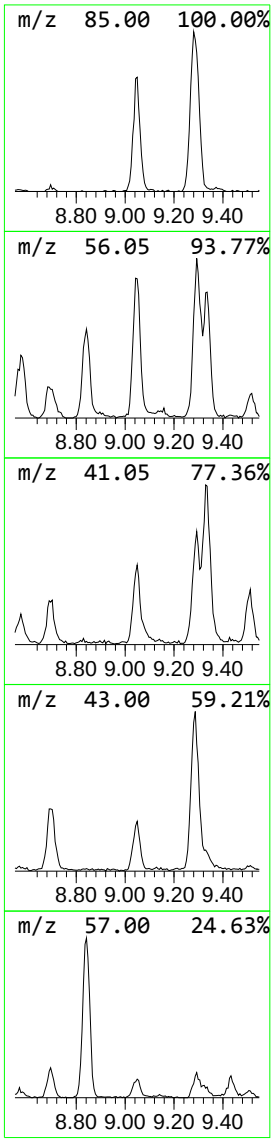
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Furan, tetrahydro-2,5-dimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	3.26 ug/L	140932	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	91
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	81
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	80
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	64
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	64





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Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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

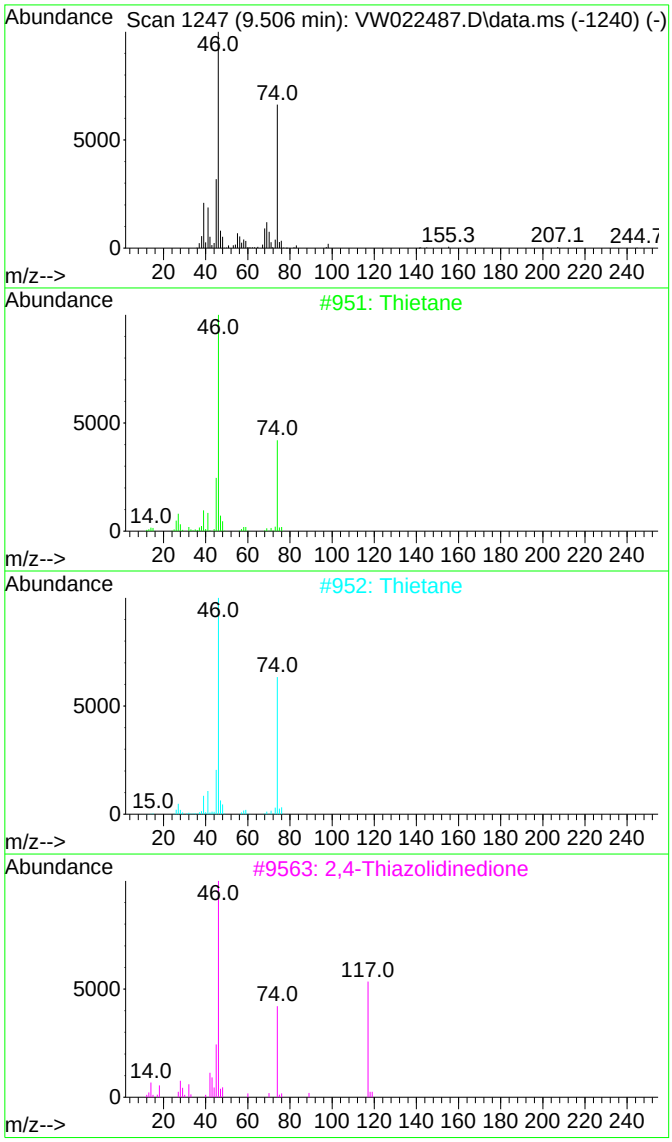
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

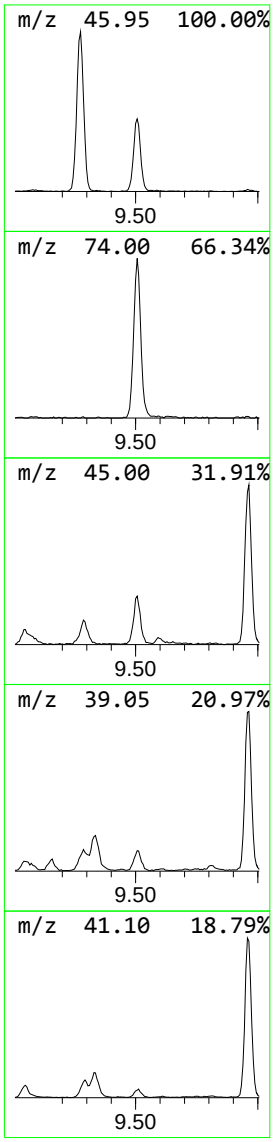
****

Peak Number 12 Thietane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	3.90 ug/L	168484	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	80
2	Thietane	74	C3H6S	000287-27-4	80
3	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	64
4	Thiazole, 2,4-dihydroxy-	117	C3H3NO2S	000625-85-4	64
5	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	39





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Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

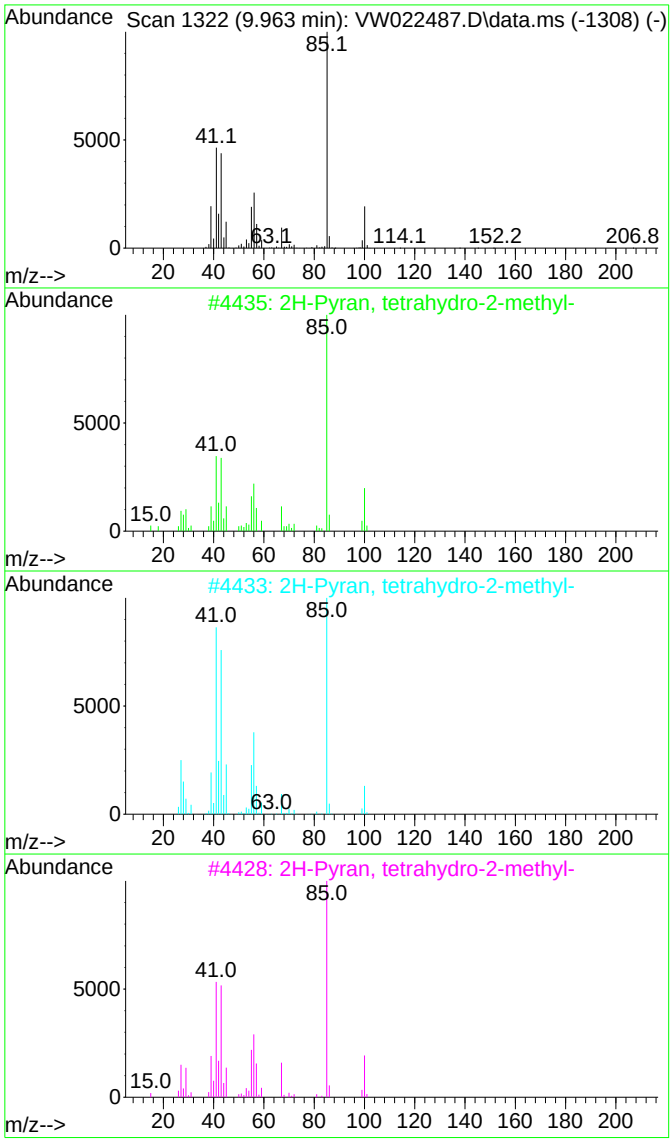
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

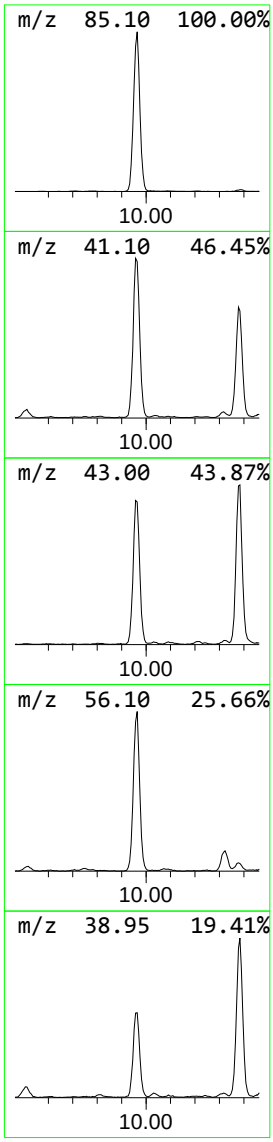
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	32.33 ug/L	1398520	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	91
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	80
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	76
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	64





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Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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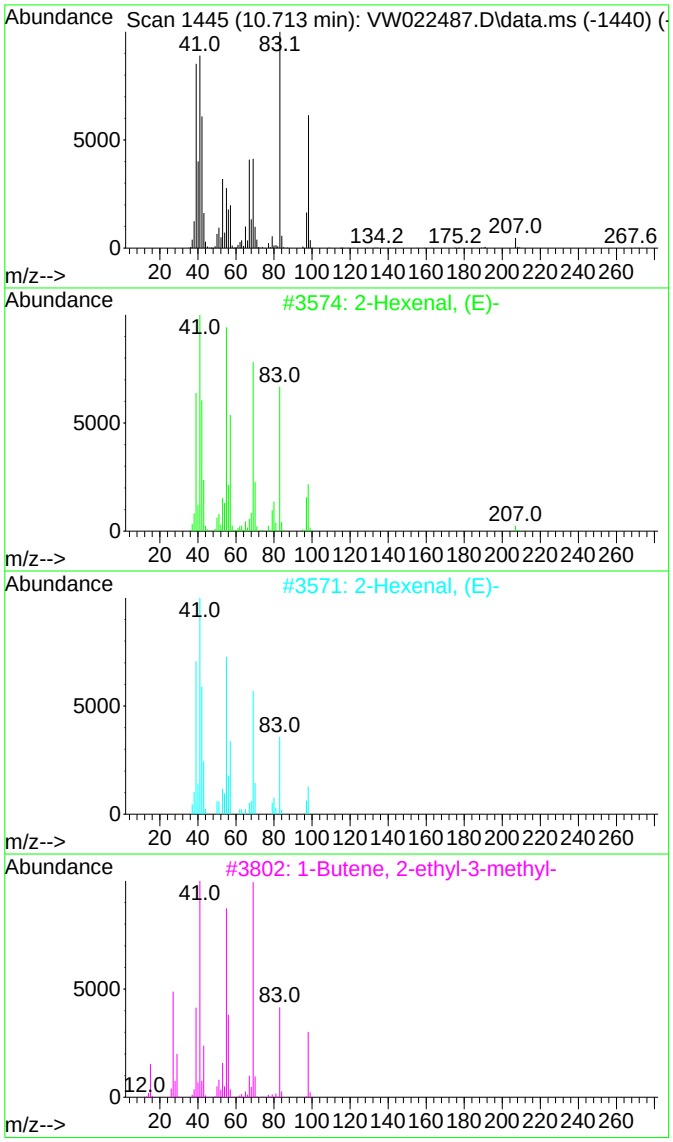
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

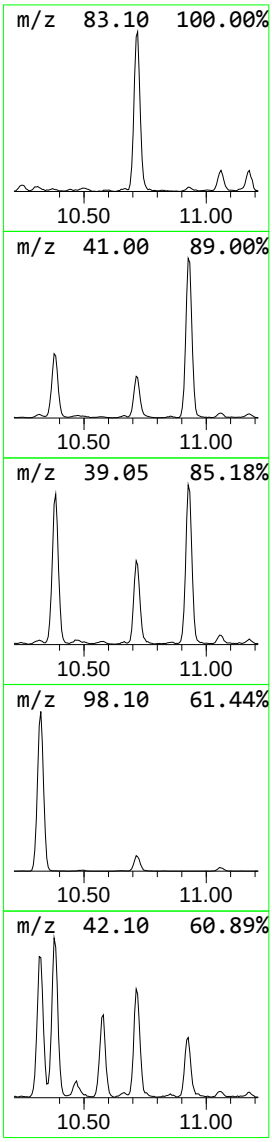
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Hexenal, (E)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.713	1.46 ug/L	706904	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	80
2	2-Hexenal, (E)-	98	C6H10O	006728-26-3	80
3	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	72
4	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	59
5	2-Hexyn-1-ol	98	C6H10O	000764-60-3	56





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Data File : VW022487.D
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Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	25.34 ug/L	1523950	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	94
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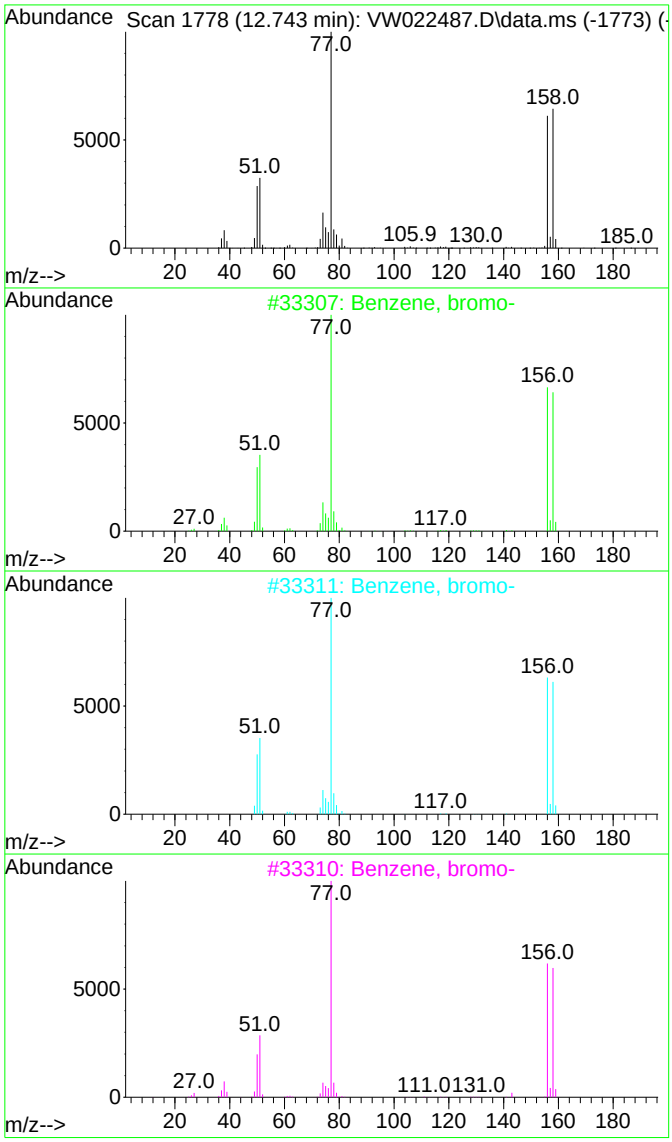
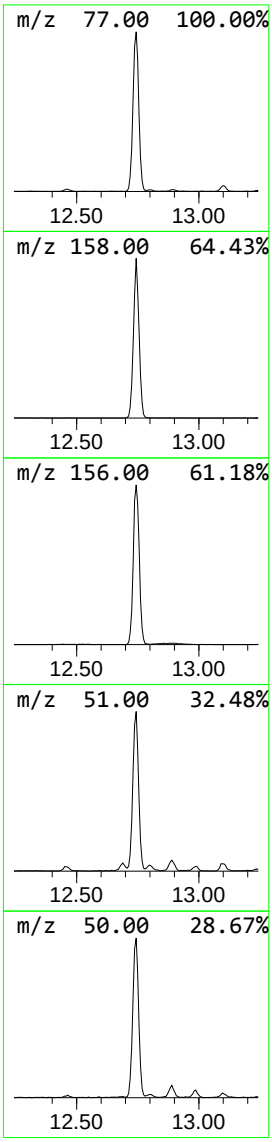
5	Benzene, bromo-	156	C6H5Br	000108-86-1	94





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

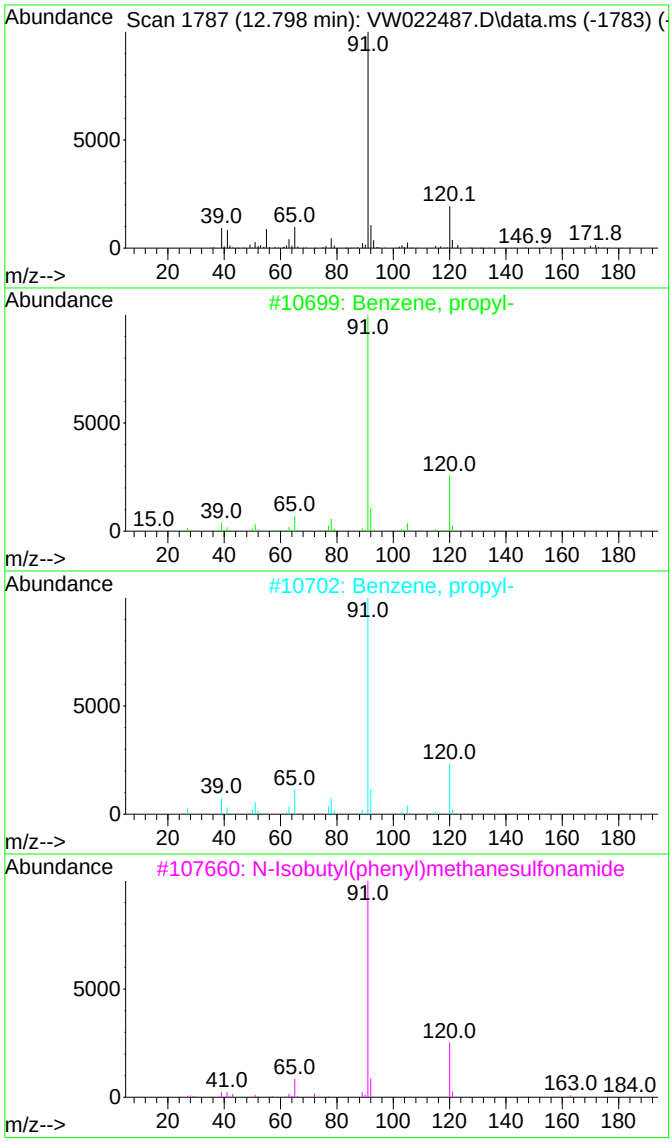
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

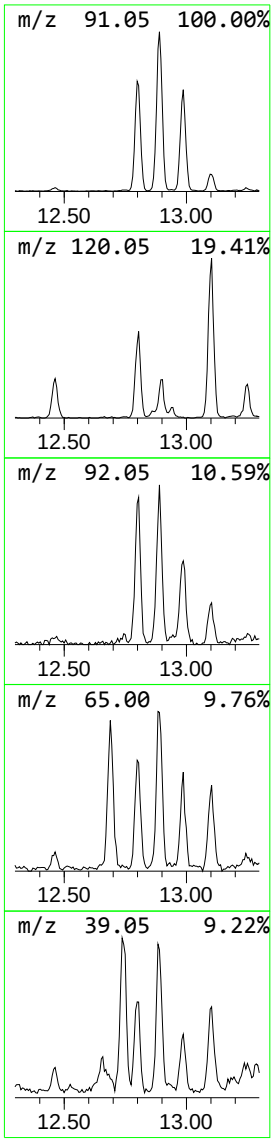
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	3.57 ug/L	214524	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	72
2	Benzene, propyl-	120	C9H12	000103-65-1	72
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	N-(Cyclohexylmethyl)(phenyl)meth...	203	C14H21N	004352-47-0	64





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Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

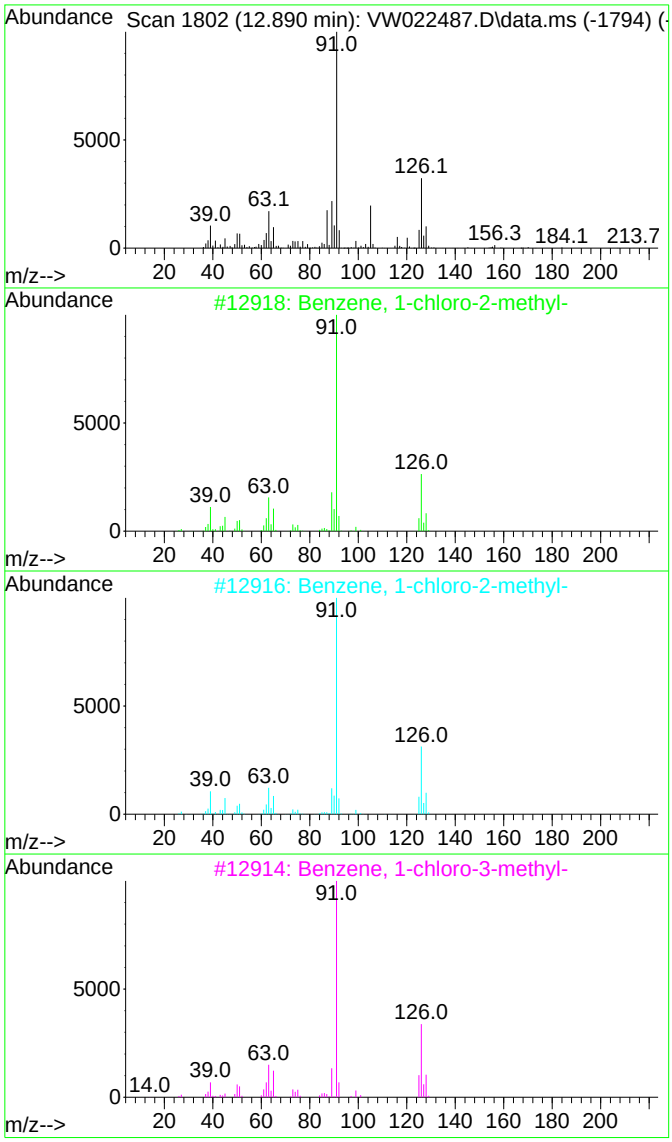
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

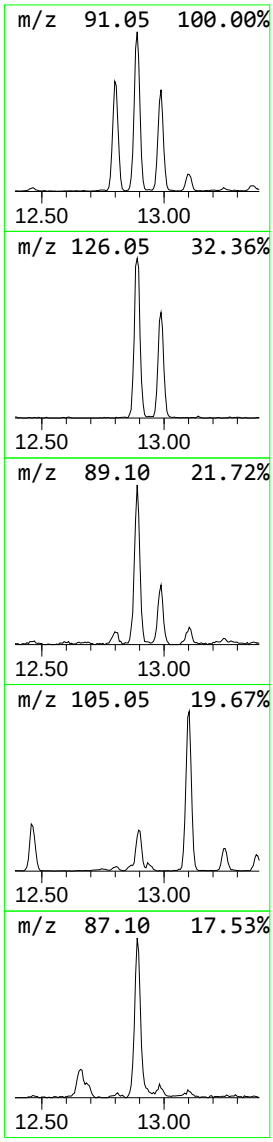
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-chloro-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	8.67 ug/L	521496	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	95
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	92
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	91
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	83
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	64





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

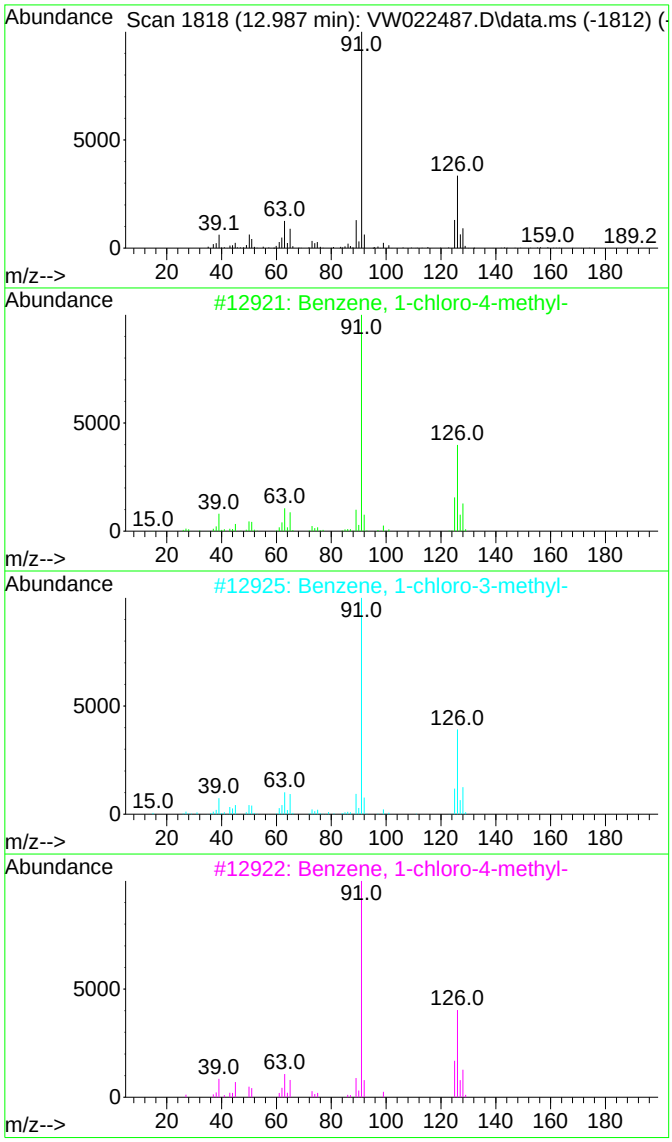
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

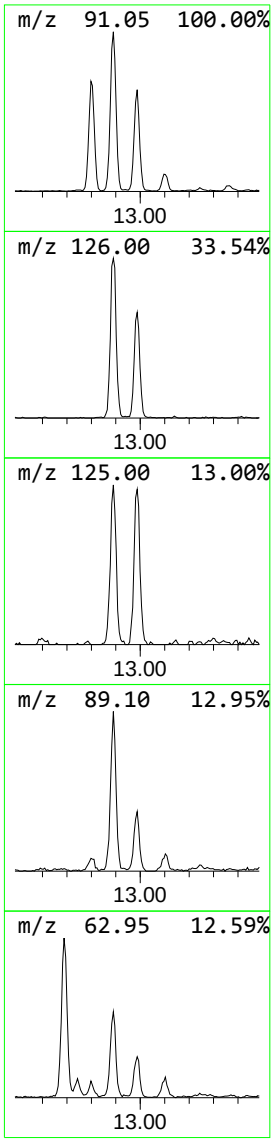
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-chloro-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	3.57 ug/L	214899	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-3-methyl-	126	C7H7Cl	000108-41-8	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-3-methyl-	126	C7H7Cl	000108-41-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

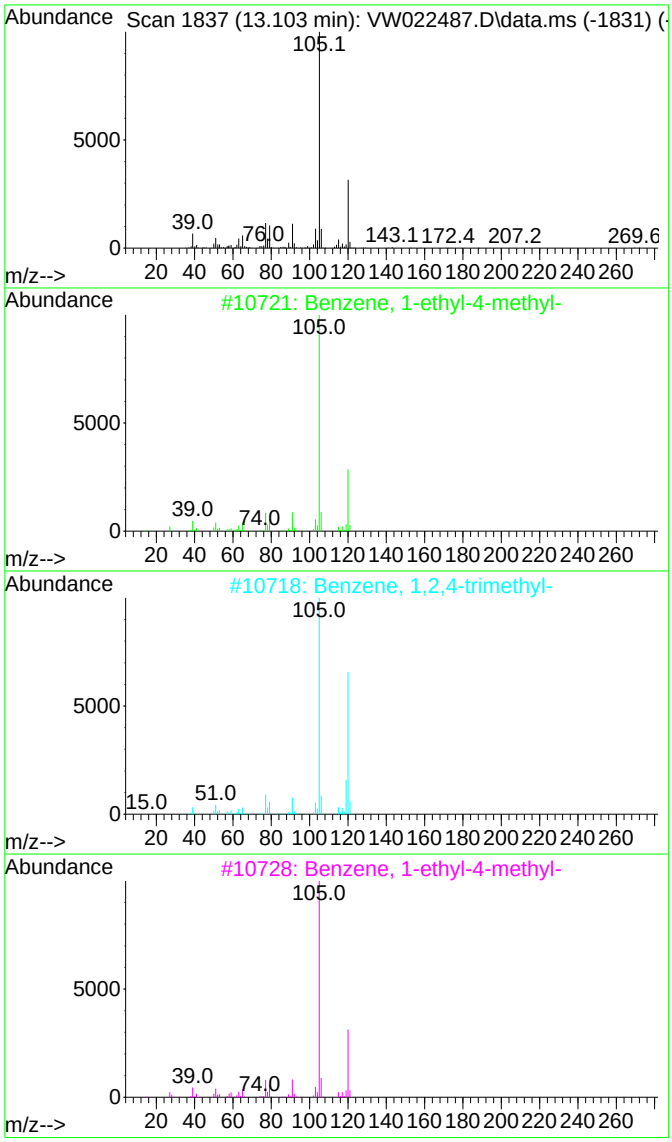
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

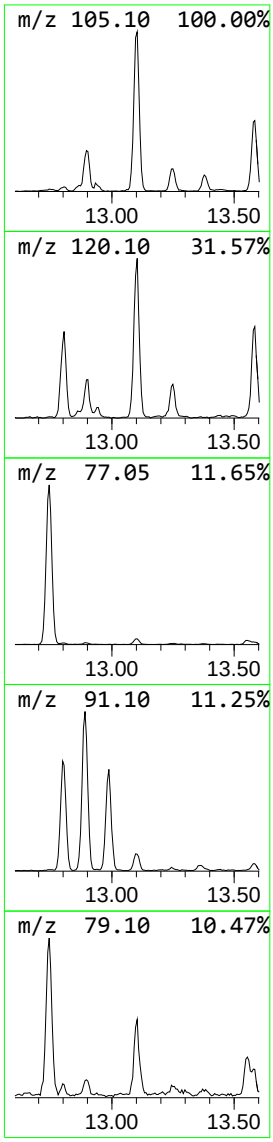
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	5.05 ug/L	303941	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	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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

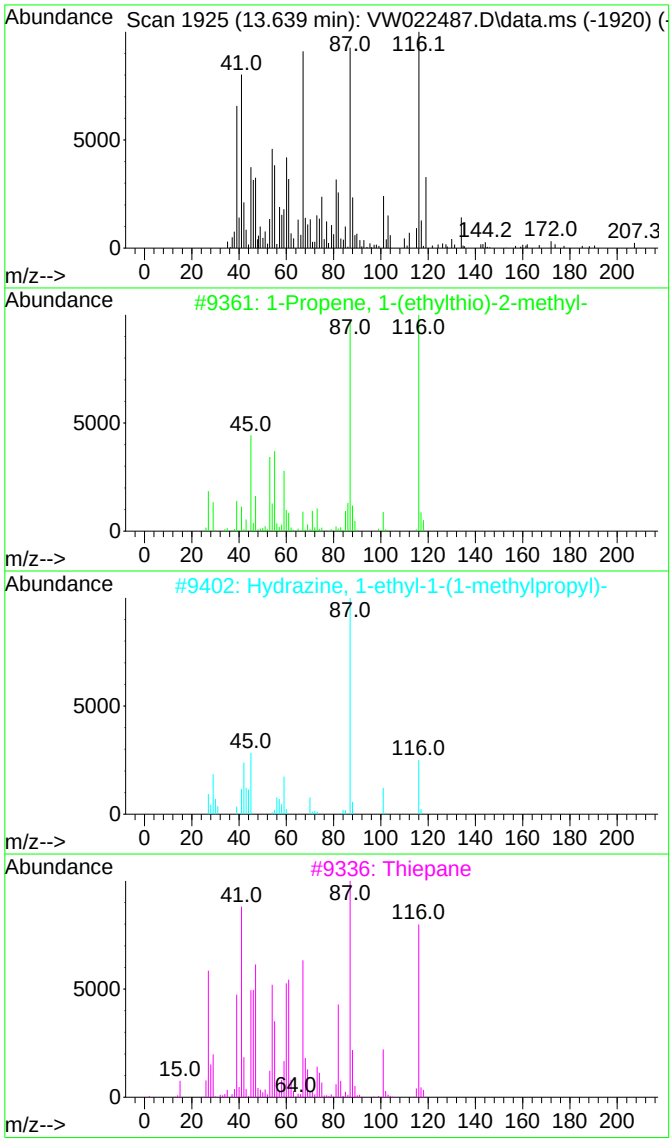
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

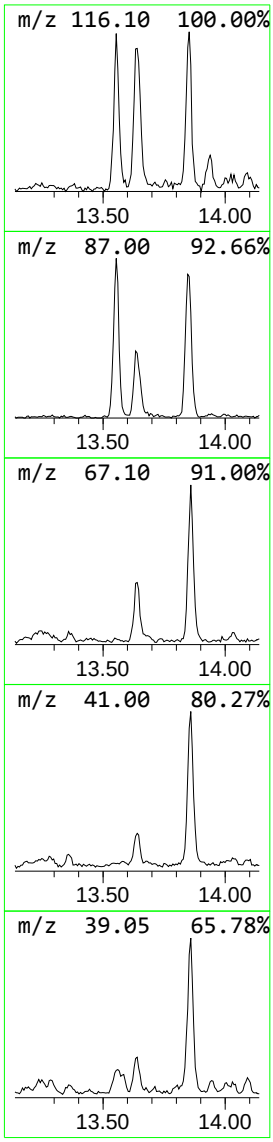
****

Peak Number 21 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	2.11 ug/L	127062	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-(ethylthio)-2-methyl-	116	C6H12S	027482-14-0	35
2	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	35
3	Thiepane	116	C6H12S	004753-80-4	35
4	2H-Thiopyran-3(4H)-one, dihydro-	116	C5H8OS	019090-03-0	27
5	Cyclooctene	110	C8H14	000931-88-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

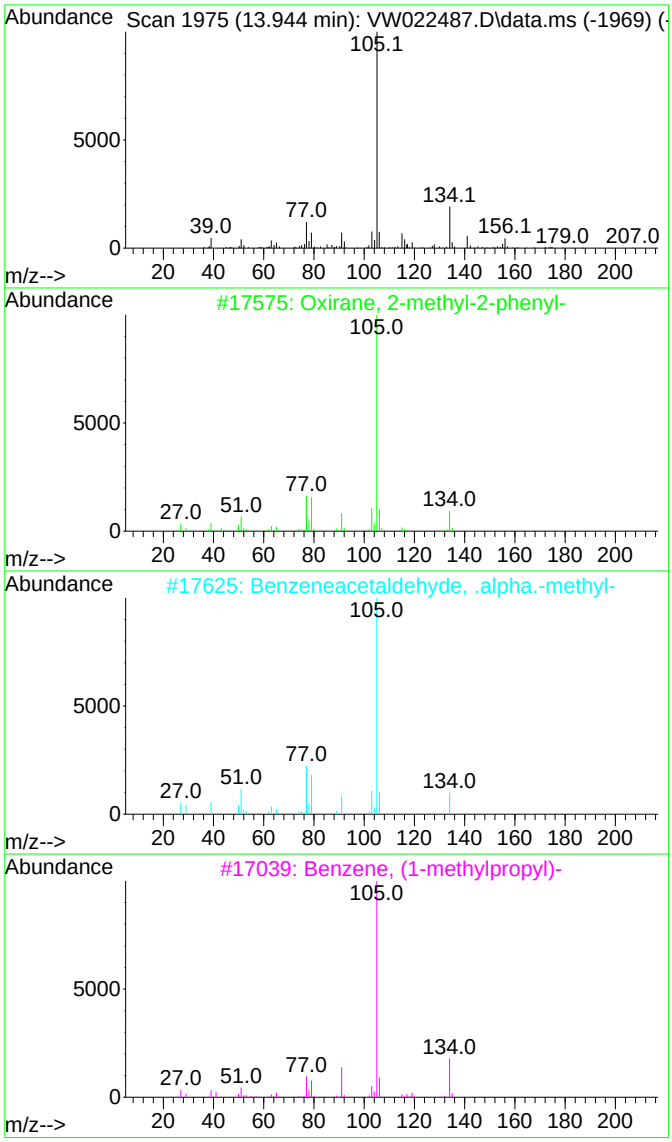
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

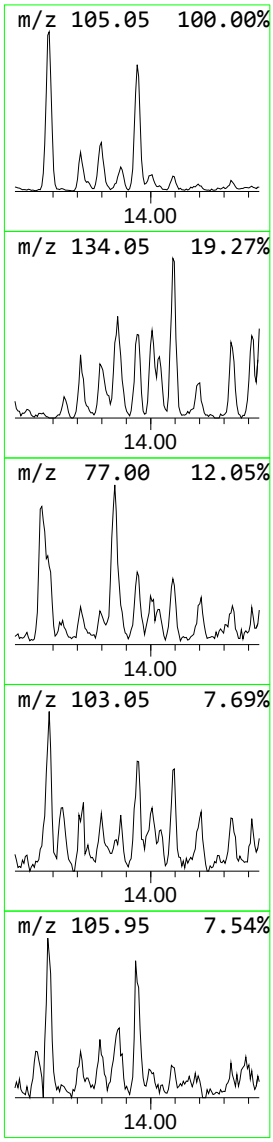
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Oxirane, 2-methyl-2-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	1.91 ug/L	114771	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	76
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

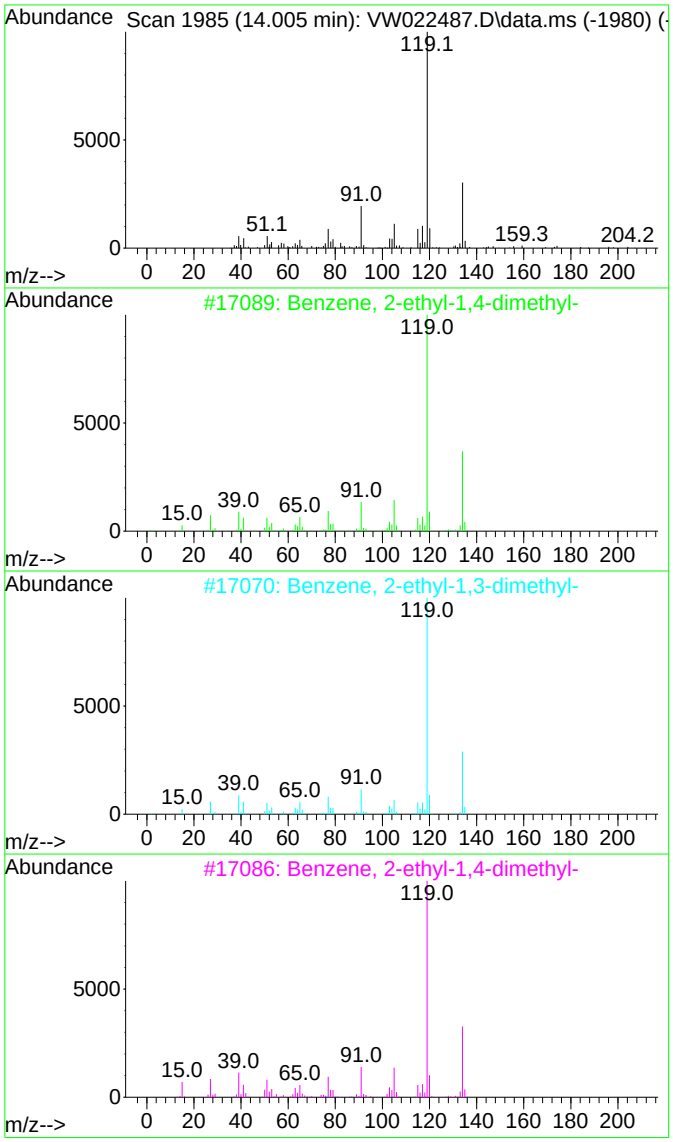
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

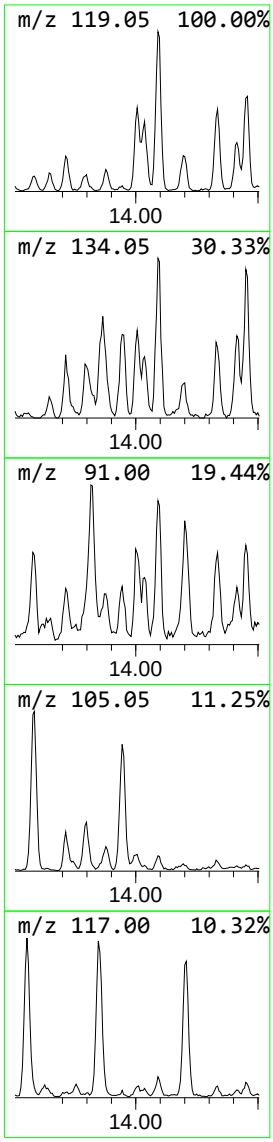
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	1.35 ug/L	81100	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

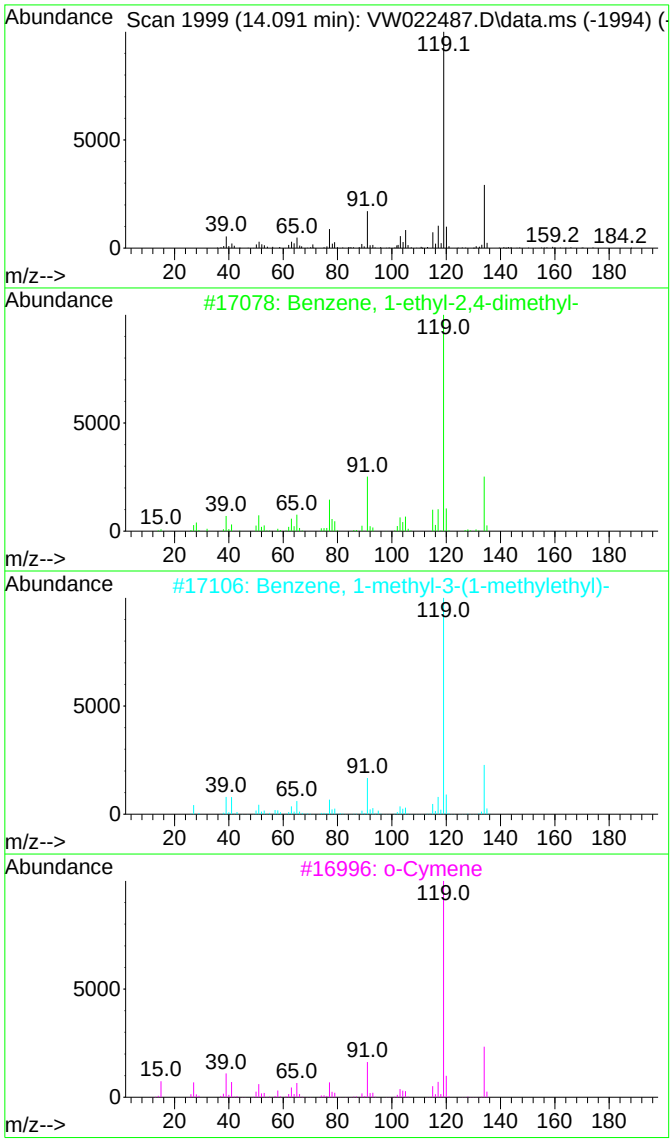
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

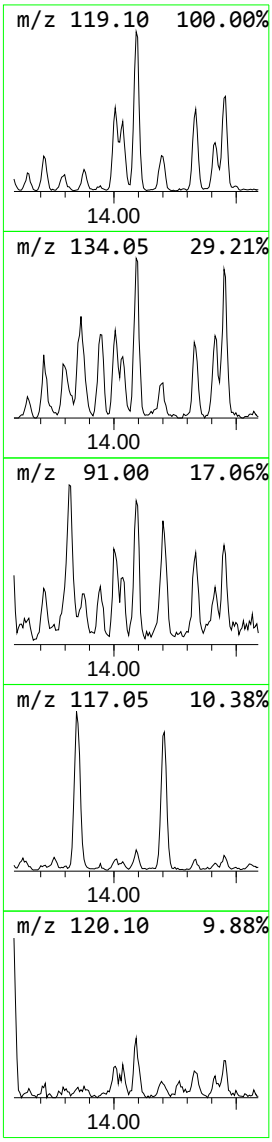
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.25 ug/L	135031	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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

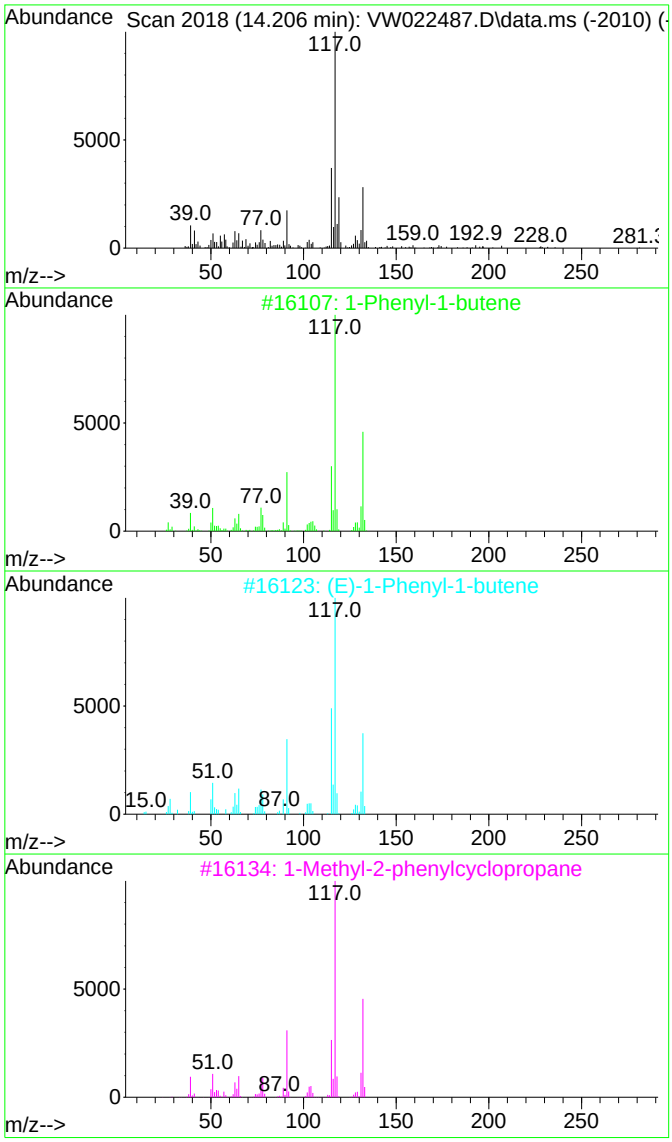
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

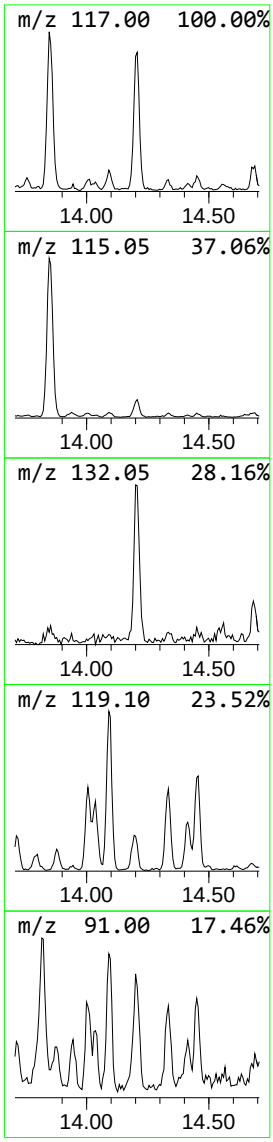
****

Peak Number 25 1-Phenyl-1-butene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	3.06 ug/L	183947	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	83
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

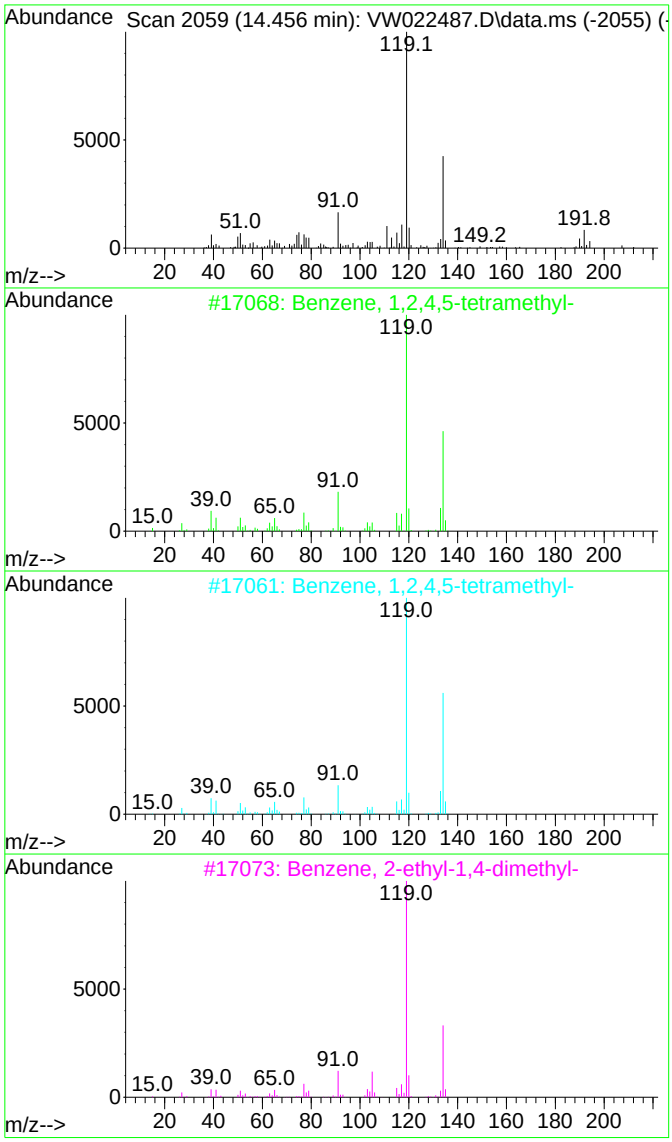
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

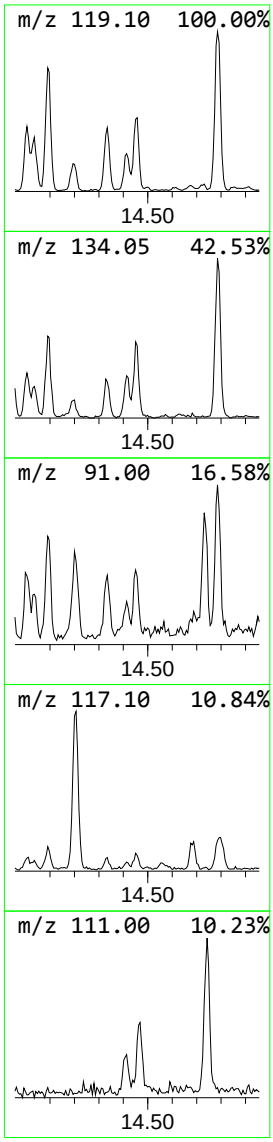
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	1.46 ug/L	88022	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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

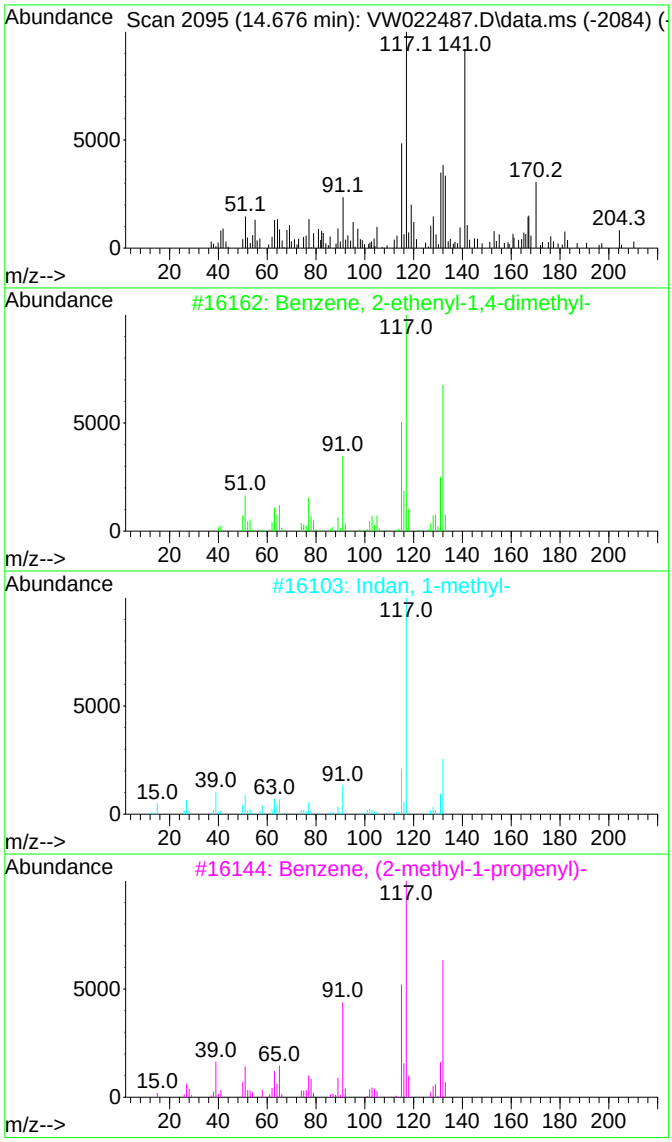
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

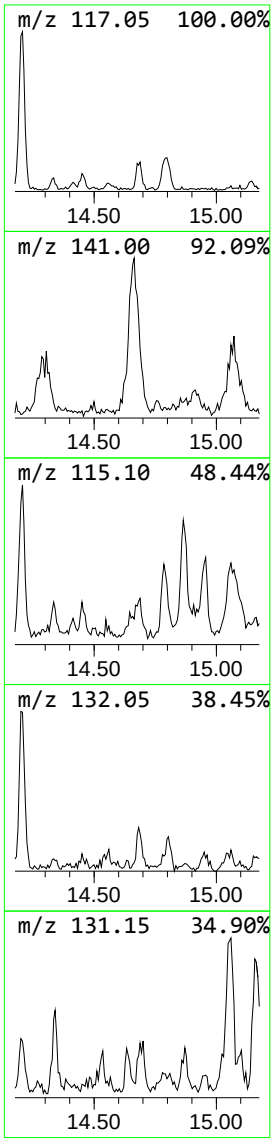
****

Peak Number 27 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.676	1.52 ug/L	91574	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	43
2	Indan, 1-methyl-	132	C10H12	000767-58-8	42
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	41
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	41
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

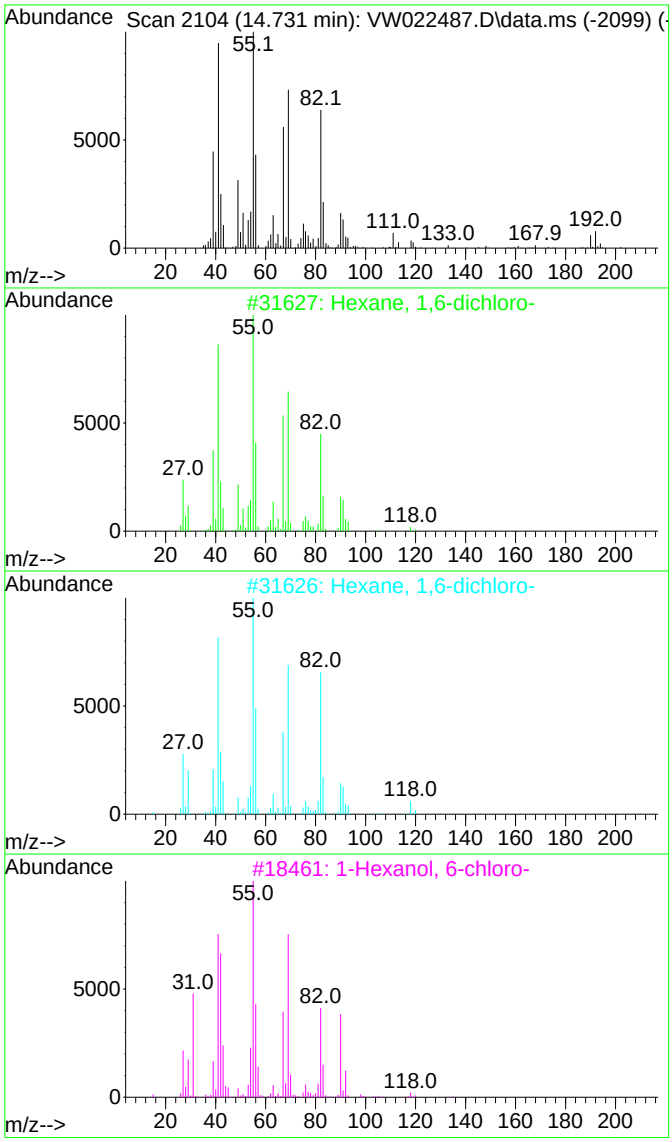
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

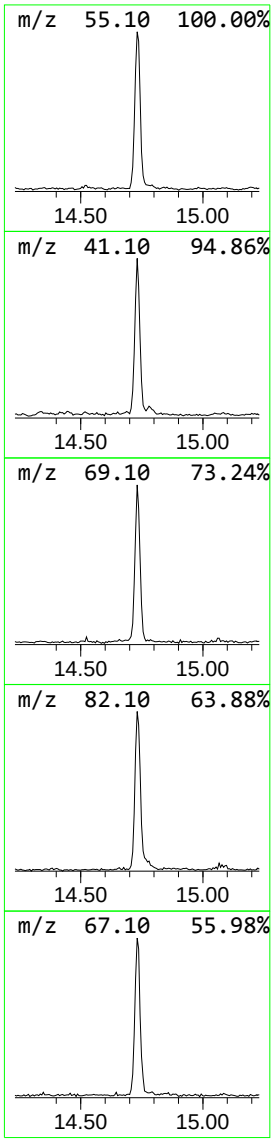
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Hexane, 1,6-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	8.77 ug/L	527189	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	90
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	53
3	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	42
4	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	32
5	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

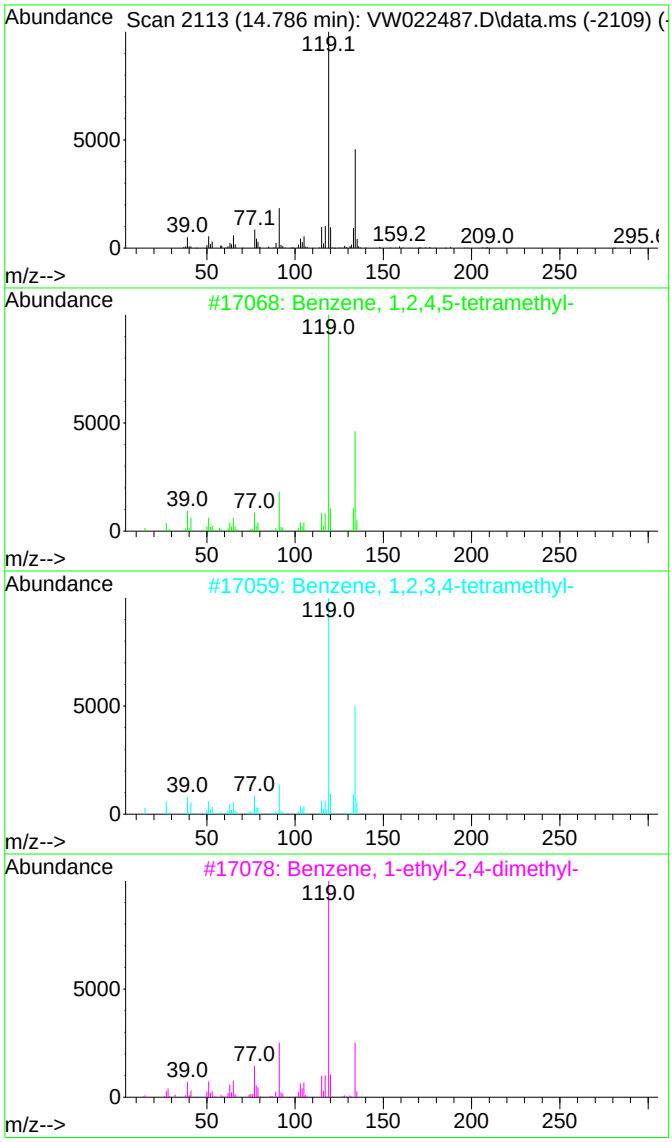
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

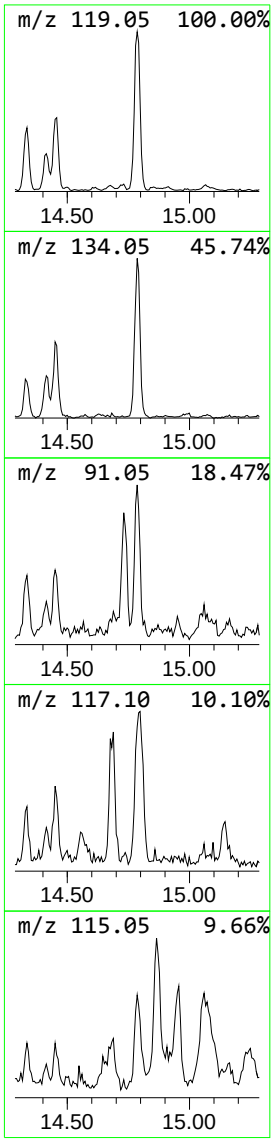
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	3.22 ug/L	193543	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

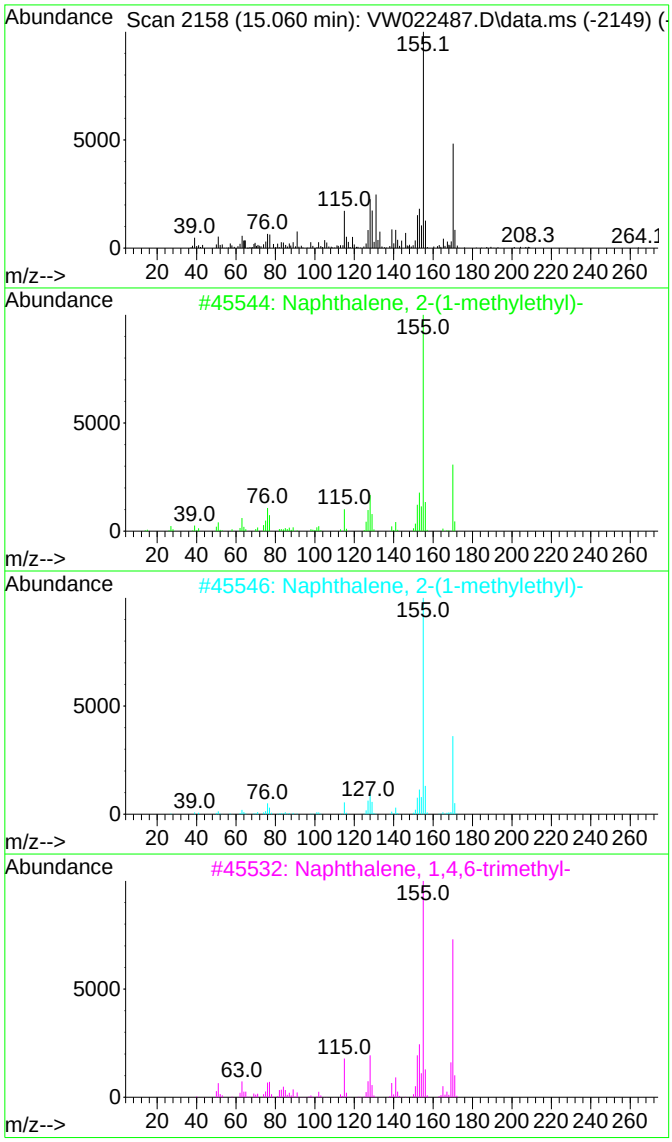
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

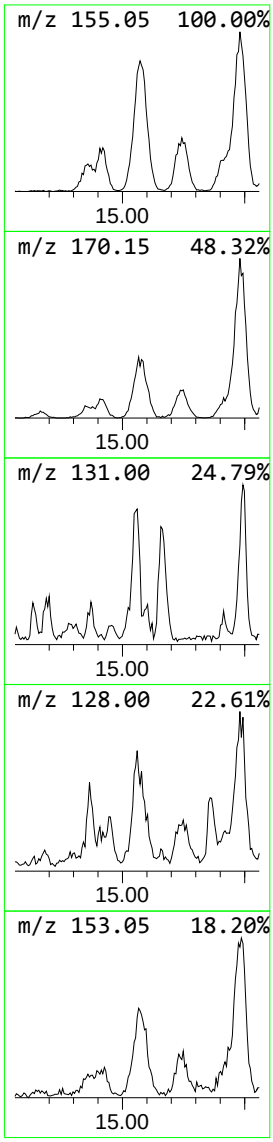
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.05 ug/L	423916	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
5	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	62





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Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

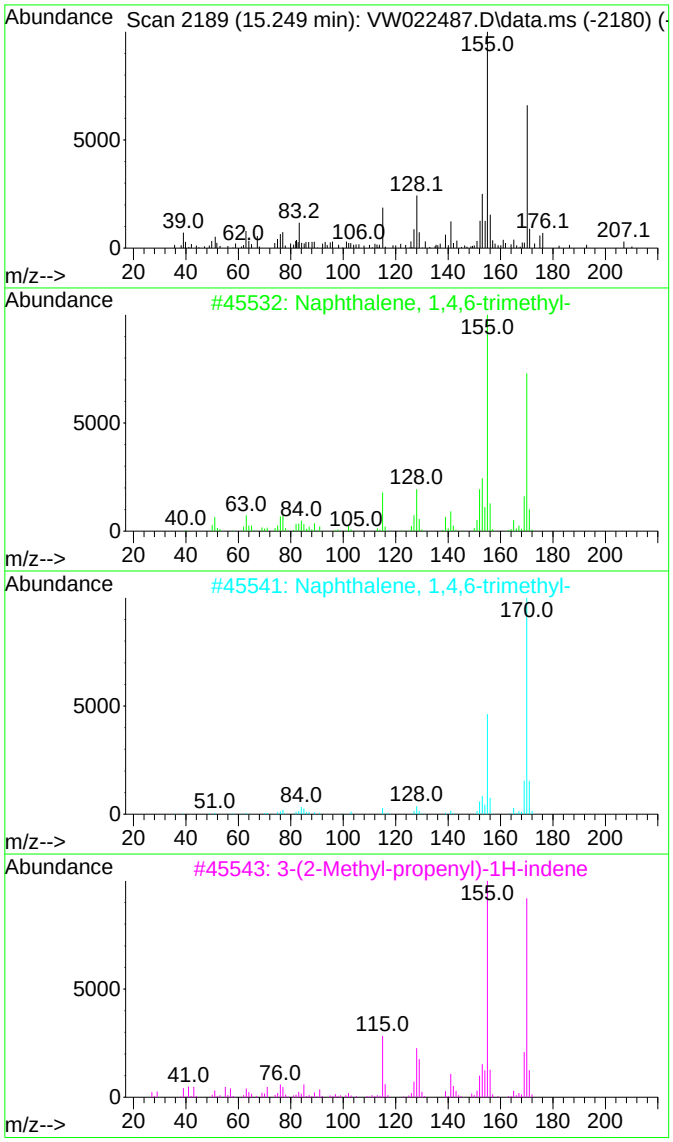
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

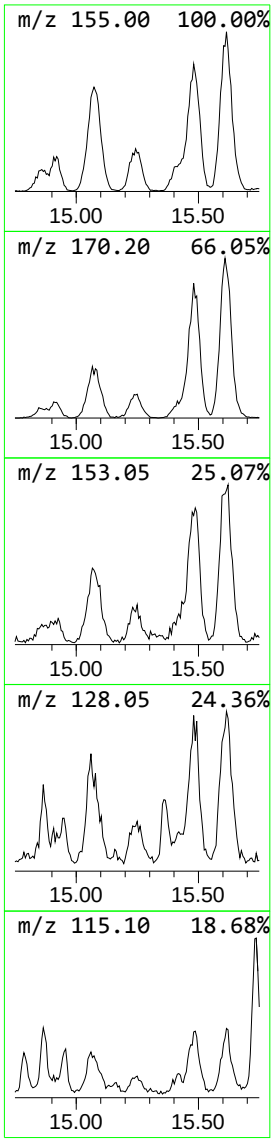
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 1,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	1.83 ug/L	110279	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	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

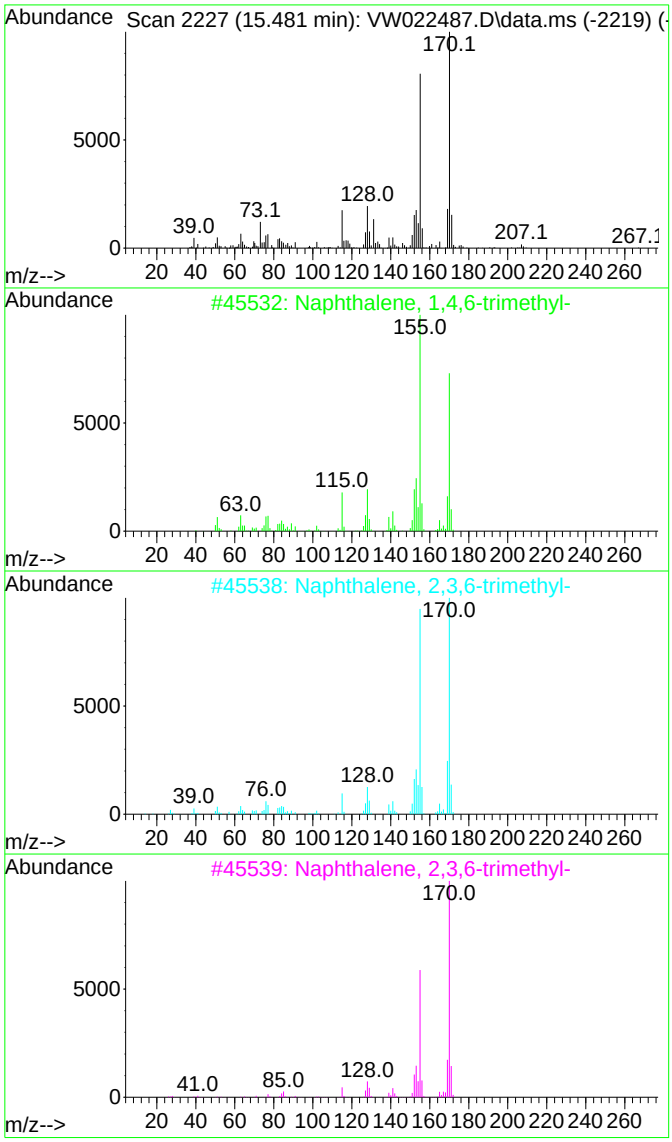
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

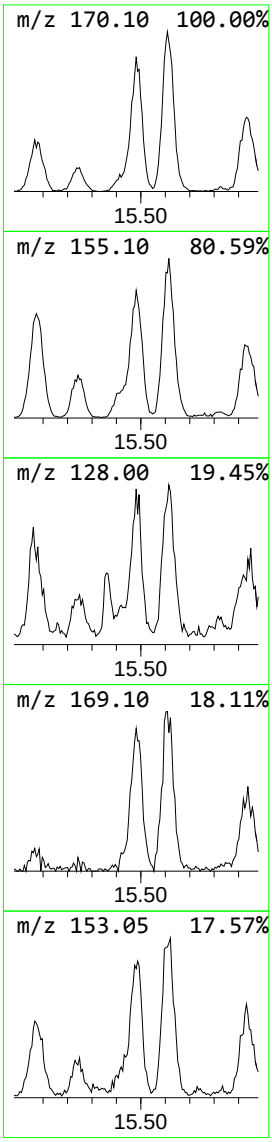
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.481	9.39 ug/L	564721	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	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

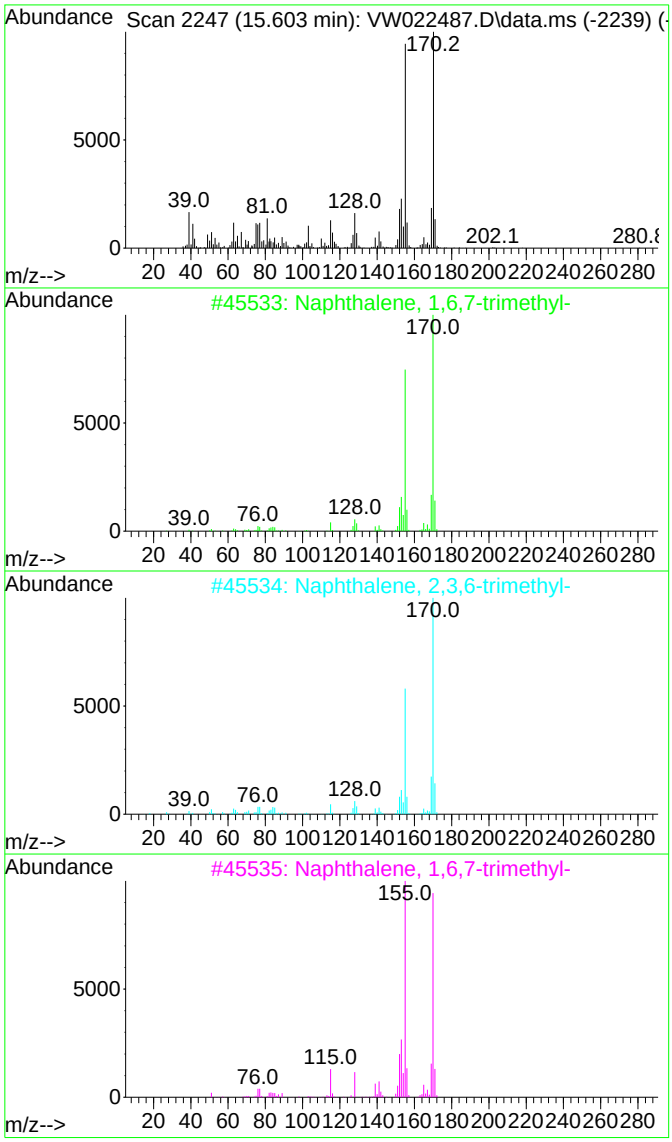
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

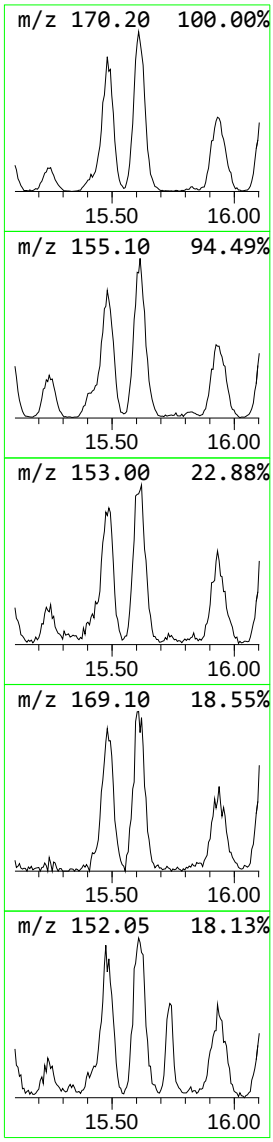
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.603	11.66 ug/L	701546	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	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

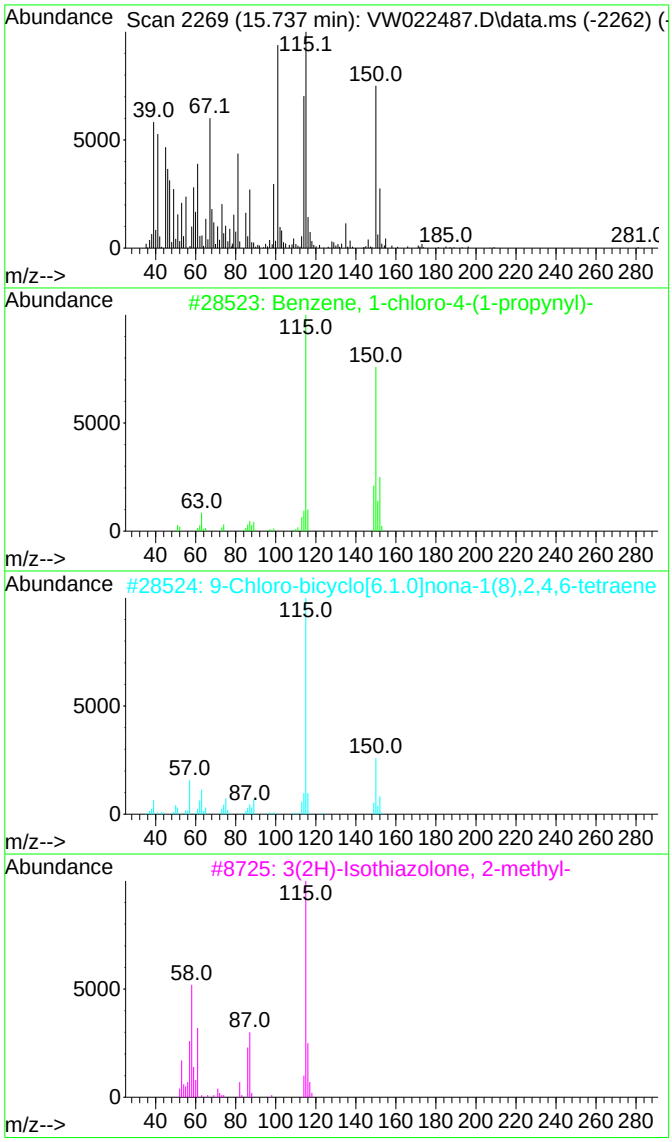
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

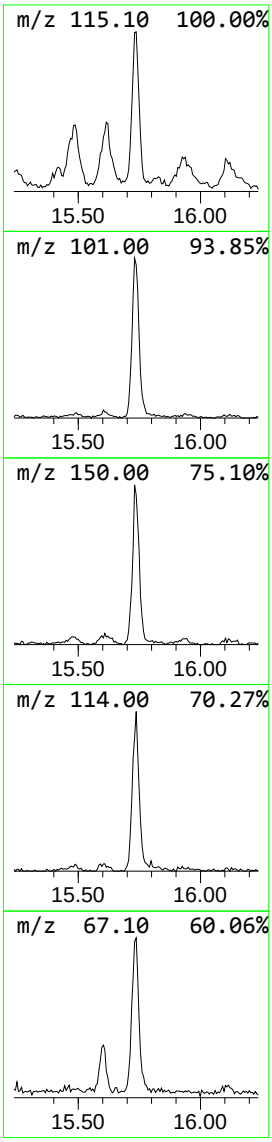
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.737	5.96 ug/L	358628	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	9-Chloro-bicyclo[6.1.0]nona-1(8)...	150	C9H7Cl	1010295-96-4	27
3	3(2H)-Isothiazolone, 2-methyl-	115	C4H5NOS	002682-20-4	25
4	Glutaric acid, 4-methoxy-2-methy...	358	C20H38O5	1000359-41-8	22
5	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

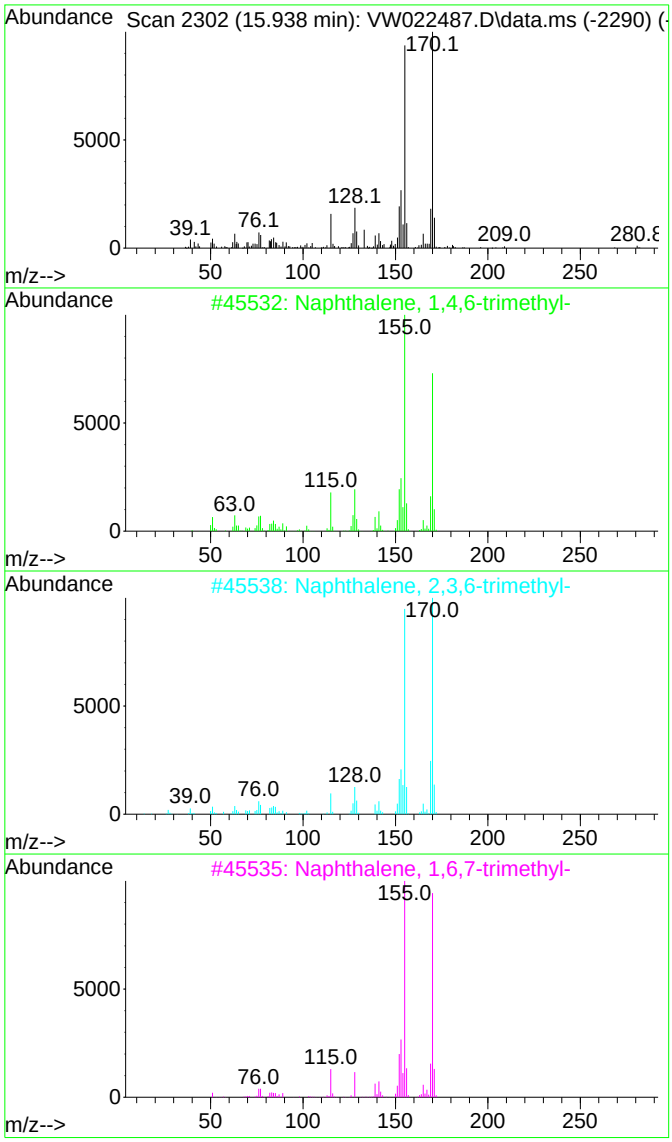
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

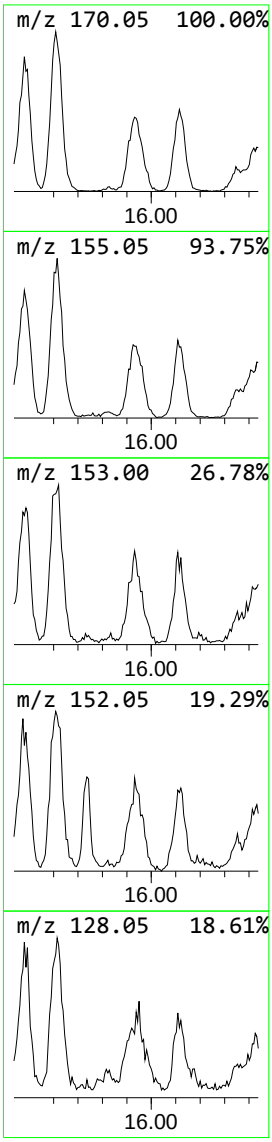
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 4,6,8-Trimethylazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	6.22 ug/L	374387	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	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

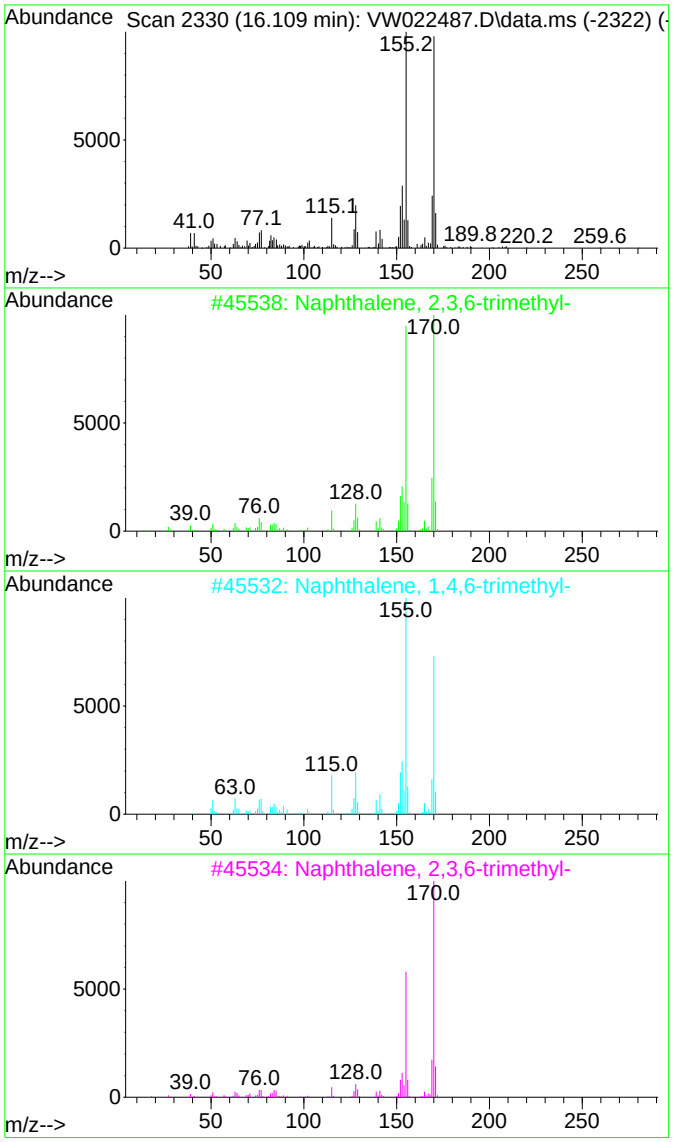
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

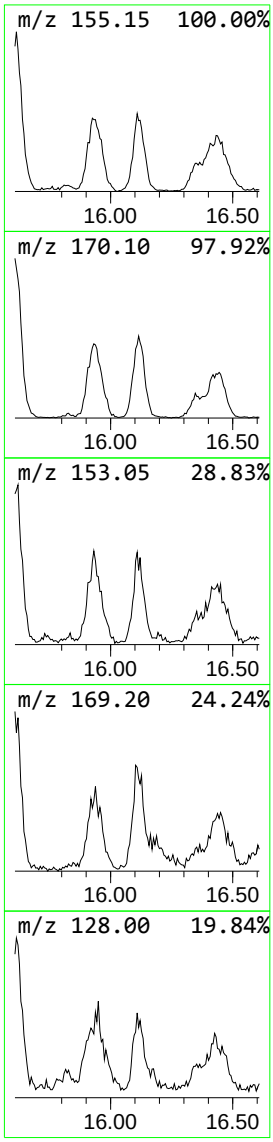
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.109	5.02 ug/L	301827	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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

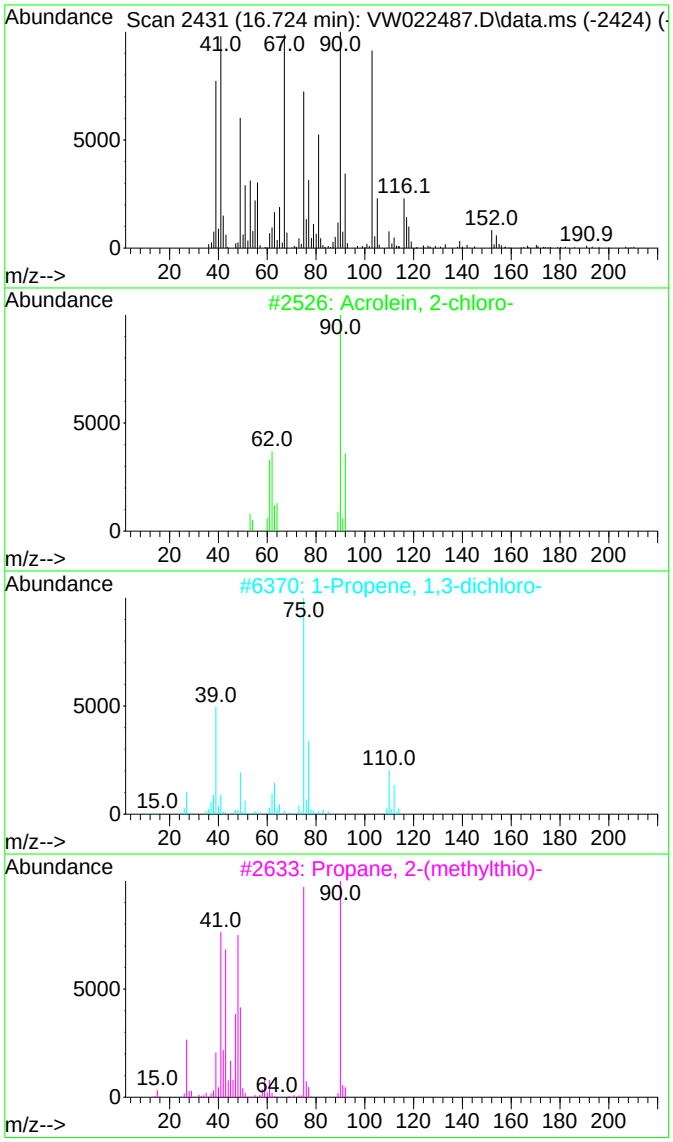
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

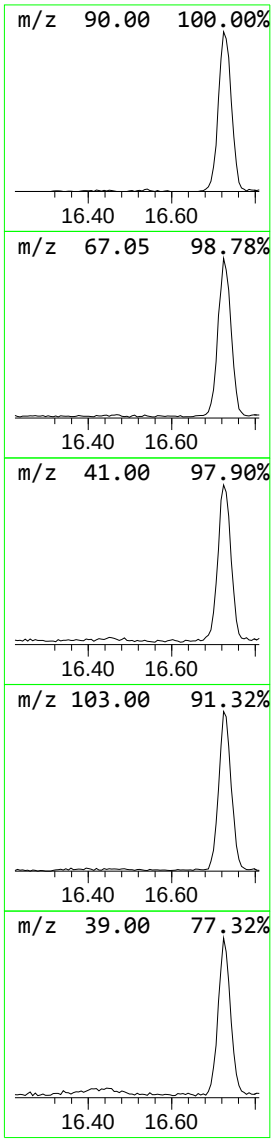
****

Peak Number 37 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.724	9.45 ug/L	568385	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	47
2	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	41
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	27
4	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	25
5	1,5-Hexadiene	82	C6H10	000592-42-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ7

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	471.4	ug/L	20388600	1	8.842	1081390	25.0
Dimethyl sulfide	4.208	10.2	ug/L	440156	1	8.842	1081390	25.0
Isopropyl Alcohol	4.397	3.2	ug/L	138682	1	8.842	1081390	25.0
(DEL) Alkane: C...	5.013	19.8	ug/L	856799	1	8.842	1081390	25.0
1,5-Hexadiene	5.562	2.1	ug/L	92760	1	8.842	1081390	25.0
2-Ethyl-oxetane	5.940	2.8	ug/L	120271	1	8.842	1081390	25.0
(DEL) Alkane: C...	6.988	2.8	ug/L	120524	1	8.842	1081390	25.0
(DEL) Alkane: C...	8.439	1.7	ug/L	71873	1	8.842	1081390	25.0
(DEL) Alkane: C...	8.567	1.6	ug/L	70312	1	8.842	1081390	25.0
(DEL) Alkane: S...	8.695	1.8	ug/L	79265	1	8.842	1081390	25.0
Furan, tetrahyd...	9.049	3.3	ug/L	140932	1	8.842	1081390	25.0
Thietane	9.506	3.9	ug/L	168484	1	8.842	1081390	25.0
2H-Pyran, tetra...	9.963	32.3	ug/L	1398520	1	8.842	1081390	25.0
2-Hexenal, (E)-	10.713	1.5	ug/L	706904	2	11.628	12064800	25.0
Benzene, bromo-	12.743	25.3	ug/L	1523950	3	13.554	1503670	25.0
Benzene, propyl-	12.798	3.6	ug/L	214524	3	13.554	1503670	25.0
Benzene, 1-chlo...	12.890	8.7	ug/L	521496	3	13.554	1503670	25.0
Benzene, 1-chlo...	12.987	3.6	ug/L	214899	3	13.554	1503670	25.0
Benzene, 1-ethy...	13.103	5.0	ug/L	303941	3	13.554	1503670	25.0
unknown-01	13.640	2.1	ug/L	127062	3	13.554	1503670	25.0
Oxirane, 2-meth...	13.944	1.9	ug/L	114771	3	13.554	1503670	25.0
Benzene, 2-ethy...	14.005	1.4	ug/L	81100	3	13.554	1503670	25.0
Benzene, 1-ethy...	14.091	2.3	ug/L	135031	3	13.554	1503670	25.0
1-Phenyl-1-butene	14.207	3.1	ug/L	183947	3	13.554	1503670	25.0
Benzene, 1,2,4,...	14.456	1.5	ug/L	88022	3	13.554	1503670	25.0
unknown-02	14.676	1.5	ug/L	91574	3	13.554	1503670	25.0
Hexane, 1,6-dic...	14.731	8.8	ug/L	527189	3	13.554	1503670	25.0
Benzene, 1,2,3,...	14.786	3.2	ug/L	193543	3	13.554	1503670	25.0
Naphthalene, 2-...	15.060	7.0	ug/L	423916	3	13.554	1503670	25.0
Naphthalene, 1,...	15.249	1.8	ug/L	110279	3	13.554	1503670	25.0
Naphthalene, 2,...	15.481	9.4	ug/L	564721	3	13.554	1503670	25.0
Naphthalene, 1,...	15.603	11.7	ug/L	701546	3	13.554	1503670	25.0
unknown-03	15.737	6.0	ug/L	358628	3	13.554	1503670	25.0
4,6,8-Trimethyl...	15.938	6.2	ug/L	374387	3	13.554	1503670	25.0
unknown-04	16.109	5.0	ug/L	301827	3	13.554	1503670	25.0
unknown-05	16.724	9.4	ug/L	568385	3	13.554	1503670	25.0