LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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: VW022472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.964	4	10	39	rBV	10510237	16751229	42.46%	20.247%
2	2.355	66	74	82	rBV	146522	270214	0.68%	0.327%
3	2.501	93	98	105	rBV	26683	54048	0.14%	0.065%
4	2.629	115	119	120	rBV2	12864	15845	0.04%	0.019%
5	2.885	155	161	173	rVB	90127	193593	0.49%	0.234%
6	3.287	225	227	228	rBV2	1495	945	0.00%	0.001%
7	3.312	228	231	232	rBV3	734	772	0.00%	0.001%
8	3.324	232	233	236	rVB3	1743	1659	0.00%	0.002%
9	3.397	238	245	248	rBV7	2254	5329	0.01%	0.006%
10	3.428	248	250	254	rVB4	2135	2324	0.01%	0.003%
11	3.464	254	256	260	rBV4	825	1199	0.00%	0.001%
12	3.513	260	264	267	rBV7	871	1386	0.00%	0.002%
13	3.574	271	274	275	rBV3	1350	1383	0.00%	0.002%
14	3.598	276	278	282	rVB5	1582	1414	0.00%	0.002%
15	3.732	291	300	302	rBV7	5047	11774	0.03%	0.014%
16	3.793	309	310	312	rVB2	1413	963	0.00%	0.001%
17	3.818	312	314	315	rBV	935	849	0.00%	0.001%
18	3.848	317	319	320	rVV2	2048	1472	0.00%	0.002%
19	3.860	320	321	323	rVV2	1459	1385	0.00%	0.002%
20	3.903	323	328	330	rVV2	5839	10036	0.03%	0.012%
21	3.921	330	331	336	rVV4	5613	9944	0.03%	0.012%
22	4.025	337	348	357	rVV2	167591	522166	1.32%	0.631%
23	4.123	357	364	372	rVV	118190	326616	0.83%	0.395%
24	4.214	372	379	390	rVV3	40097	124761	0.32%	0.151%
25	4.397	398	409	428	rBV2	39273	131534	0.33%	0.159%
26	4.604	441	443	445	rVB3	978	1008	0.00%	0.001%
27	4.635	445	448	450	rBV4	917	1120	0.00%	0.001%
28	4.690	456	457	461	rVB4	1429	1652	0.00%	0.002%
29	4.726	461	463	466	rBV3	1297	2013	0.01%	0.002%
30	4.775	466	471	472	rBV5	2294	3976	0.01%	0.005%
31	4.793	472	474	476	rVB2	1994	1764	0.00%	0.002%
32	4.854	481	484	485	rBV3	1061	1039	0.00%	0.001%
33	4.933	485	497	498	rBV8	8969	23305	0.06%	0.028%
34	5.013	501	510	524	rVB4	29313	112657	0.29%	0.136%
35	5.116	524	527	529	rVB4	968	959	0.00%	0.001%
36	5.190	529	539	550	rBV	47078	143894	0.36%	0.174%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	5.348	562	565	569	rBV5	1078	1879	0.00%	0.002%
38	5.433	571	579	580	rBV8	4324	9155	0.02%	0.011%
39	5.567	591	601	610	rVB5	10767	34821	0.09%	0.042%
40	5.793	631	638	639	rBV6	3571	7017	0.02%	0.008%
41	5.939	652	662	673	rVB2	28724	86261	0.22%	0.104%
42	6.061	679	682	683	rBV3	1173	1211	0.00%	0.001%
43	6.122	684	692	697	rVB3	3727	10337	0.03%	0.012%
44	6.226	700	709	716	rVB9	5465	15850	0.04%	0.019%
45	6.281	716	718	721	rBV4	1064	1394	0.00%	0.002%
46	6.342	726	728	729	rBV2	1525	822	0.00%	0.001%
47	6.366	731	732	736	rVB4	1495	1471	0.00%	0.002%
48	6.403	736	738	739	rBV2	1463	1269	0.00%	0.002%
49	6.427	741	742	747	rVB5	1731	1988	0.01%	0.002%
50	6.488	749	752	754	rBV4	1548	2130	0.01%	0.003%
51	6.512	754	756	757	rBV2	1208	1049	0.00%	0.001%
52	6.531	757	759	760	rBV2	1376	1095	0.00%	0.001%
53	6.592	764	769	770	rBV5	3305	4323	0.01%	0.005%
54	6.738	790	793	794	rBV3	1145	1035	0.00%	0.001%
55	6.878	808	816	817	rBV7	2687	4494	0.01%	0.005%
56	6.890	817	818	823	rVV5	3116	2874	0.01%	0.003%
57	6.933	823	825	826	rVV2	2120	1966	0.00%	0.002%
58	6.994	826	835	842	rVV7	17809	59154	0.15%	0.071%
59	7.079	842	849	859	rVV2	65504	217463	0.55%	0.263%
60	7.177	859	865	875	rVB	20471	60656	0.15%	0.073%
61	7.287	881	883	884	rVB2	1933	1245	0.00%	0.002%
62	7.360	892	895	896	rBV3	2088	2359	0.01%	0.003%
63	7.427	904	906	907	rBV2	2587	1935	0.00%	0.002%
64	7.500	914	918	921	rBV3	5327	9107	0.02%	0.011%
65	7.573	929	930	932	rVB2	2632	1363	0.00%	0.002%
66	7.646	933	942	959	rVV	281059	707533	1.79%	0.855%
67	7.872	977	979	980	rBV2	3383	2695	0.01%	0.003%
68	7.951	983	992	1000	rVB5	22201	71536	0.18%	0.086%
69	8.159	1020	1026	1032	rVB6	13574	29114	0.07%	0.035%
70	8.274	1035	1045	1047	rBV	524950	1015512	2.57%	1.227%
71	8.323	1047	1053	1064	rVB	2247632	5220505	13.23%	6.310%
72	8.701	1109	1115	1119	rBV3	23695	49835	0.13%	0.060%
73	8.841	1131	1138	1147	rBV	521018	1020197	2.59%	1.233%
74	9.049	1167	1172	1177	rBV3	29349	59042	0.15%	0.071%
75	9.274	1202	1209	1216	rBV2	402588	868980	2.20%	1.050%
76	9.512	1242	1248	1255	rBV3	28366	63058	0.16%	0.076%

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Instrument :
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ClientSampleId :
ETNP8

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

77	9.963	1315	1322	1328	rBV	492182	917236	2.33%	1.109%
78	10.036	1328	1334	1340	rVB	217191	387409	0.98%	0.468%
79	10.323	1375	1381	1386	rBV	763259	1339748	3.40%	1.619%
80	10.384	1386	1391	1400	rVB2	1060725	1852527	4.70%	2.239%
81	10.579	1418	1423	1429	rVB	143415	256028	0.65%	0.309%
82	10.719	1440	1446	1454	rBV	312349	576467	1.46%	0.697%
83	10.926	1474	1480	1486	rBV2	409352	760750	1.93%	0.920%
84	11.292	1535	1540	1544	rBV	110341	206952	0.52%	0.250%
85	11.658	1590	1600	1608	rBV	23626601	39447666	100.00%	47.680%
86	12.688	1766	1769	1774	rVB	412951	675258	1.71%	0.816%
87	12.889	1798	1802	1808	rVB2	248668	409702	1.04%	0.495%
88	12.987	1815	1818	1822	rBV2	65659	106409	0.27%	0.129%
89	13.554	1906	1911	1920	rVV	939927	1749134	4.43%	2.114%
90	13.639	1922	1925	1930	rVB3	166760	247527	0.63%	0.299%
91	13.853	1954	1960	1979	rVB4	1095032	2512470	6.37%	3.037%
92	14.730	2100	2104	2108	rBV	237281	412109	1.04%	0.498%
93	15.072	2154	2160	2172	rVB2	115388	404246	1.02%	0.489%
94	15.322	2197	2201	2203	rBV3	39398	62024	0.16%	0.075%
95	15.358	2203	2207	2212	rVB	87590	156964	0.40%	0.190%
96	15.608	2240	2248	2260	rVV3	211749	662705	1.68%	0.801%
97	15.730	2262	2268	2277	rVB2	402596	803600	2.04%	0.971%
98	16.279	2353	2358	2367	rVB4	71871	147567	0.37%	0.178%
99	16.529	2395	2399	2401	rBV5	28473	45866	0.12%	0.055%
100	16.730	2427	2432	2439	rVB4	102008	203305	0.52%	0.246%

Sum of corrected areas: 82733626

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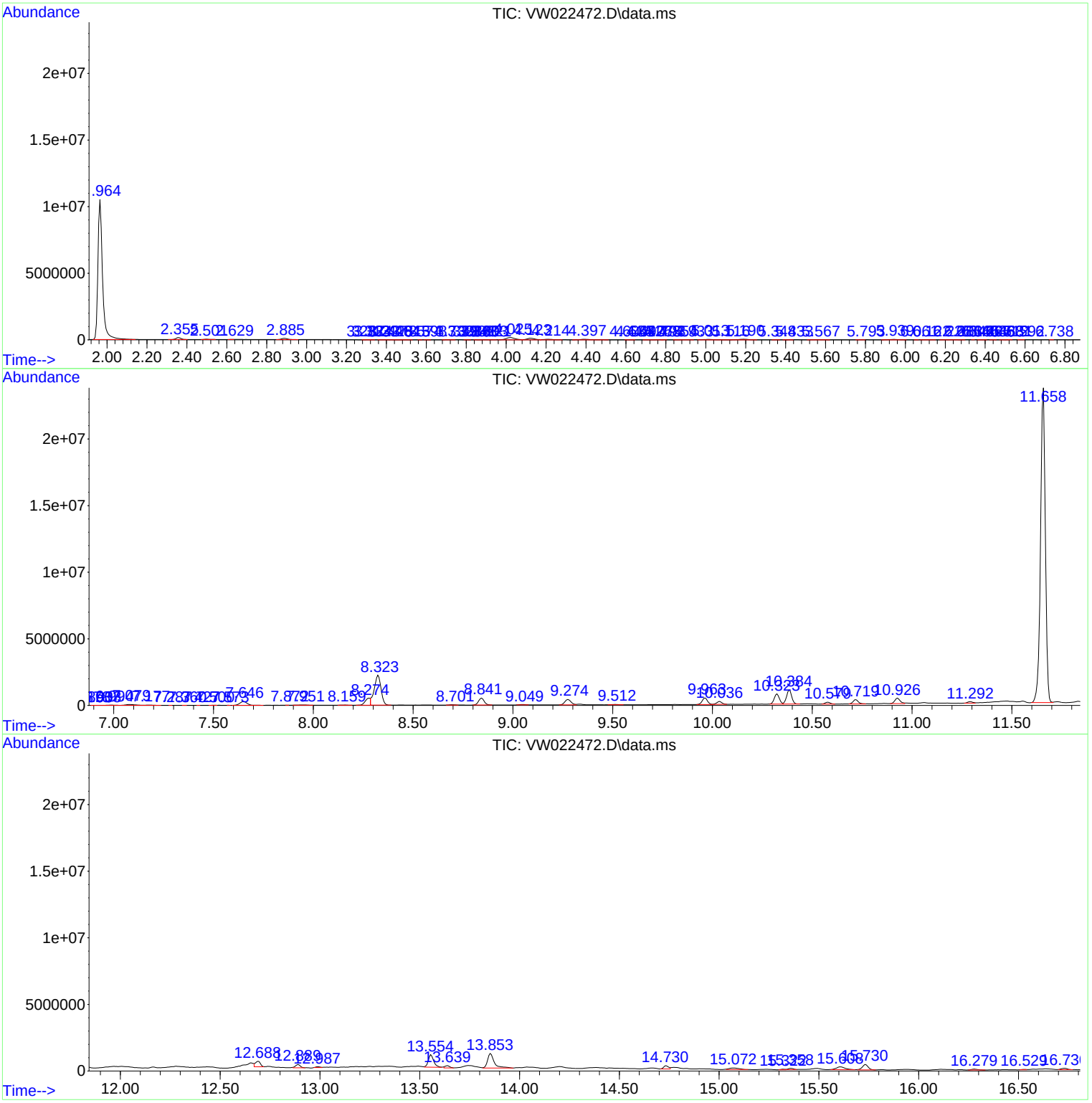
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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\VW040822\
Data File : VW022472.D
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Instrument :
MSVOA_W
ClientSampleId :
ETNP8

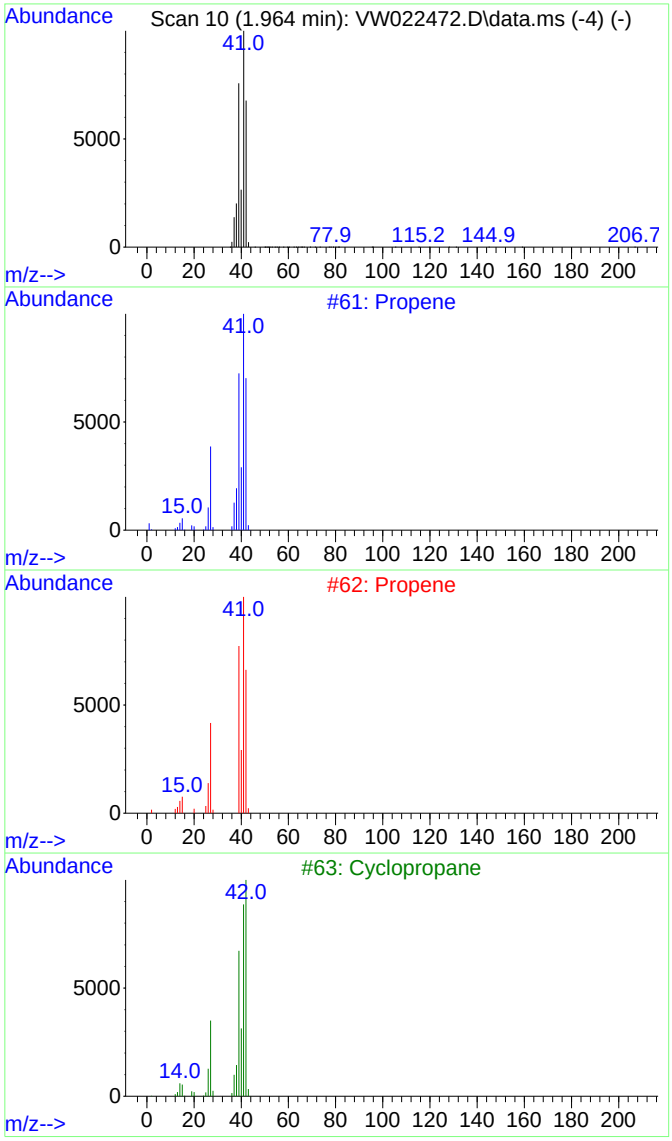
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

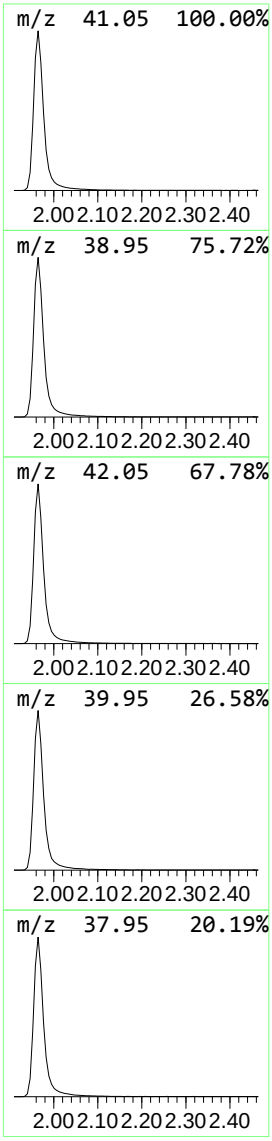
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.964	410.49 ug/L	16751200	1,4-Difluorobenzene	8.841

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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

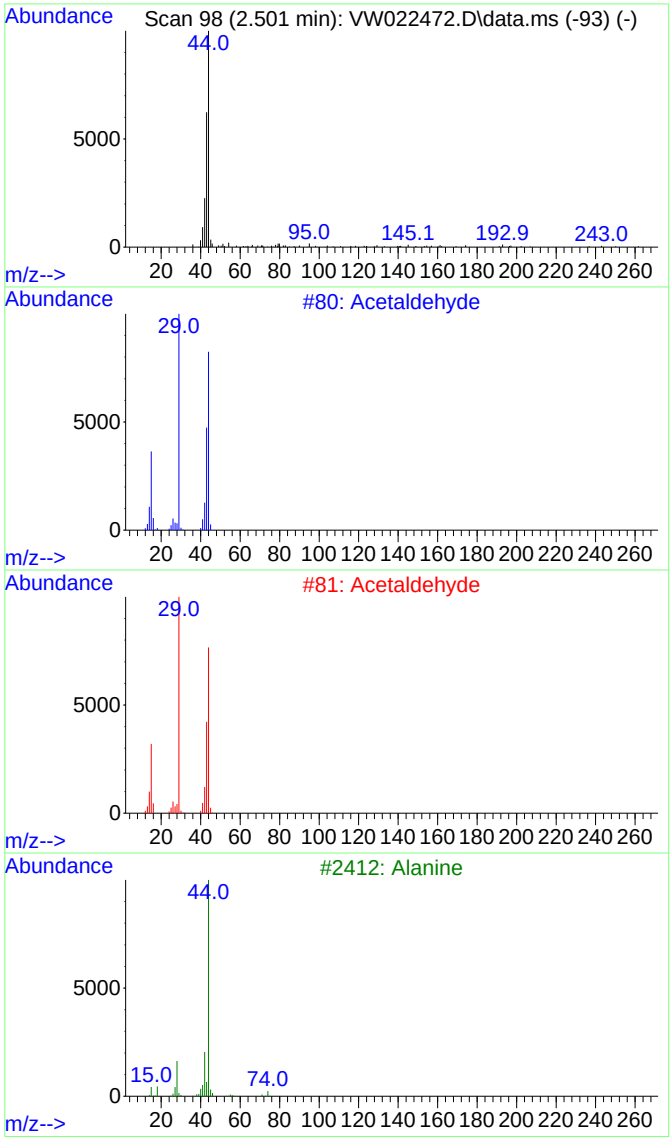
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

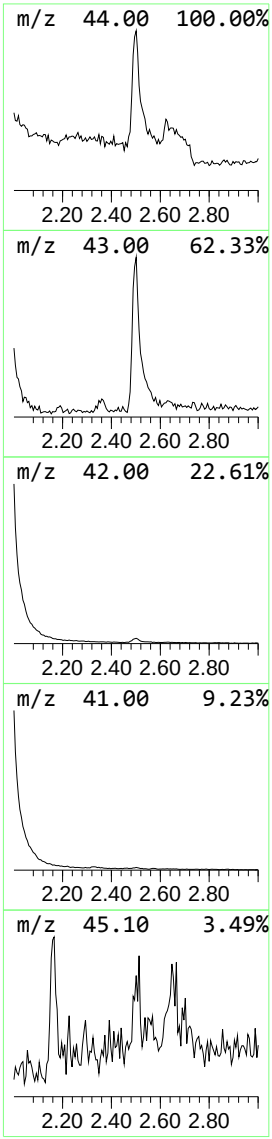
****

Peak Number 2 Acetaldehyde Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	1.32 ug/L	54048	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	50
2	Acetaldehyde	44	C2H4O	000075-07-0	50
3	Alanine	89	C3H7NO2	000056-41-7	40
4	Chlorodifluoroacetamide	129	C2H2ClF2NO	000354-28-9	9
5	l-Guanidinosuccinimide	141	C5H7N3O2	1000130-20-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
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Acq On : 08 Apr 2022 18:31
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

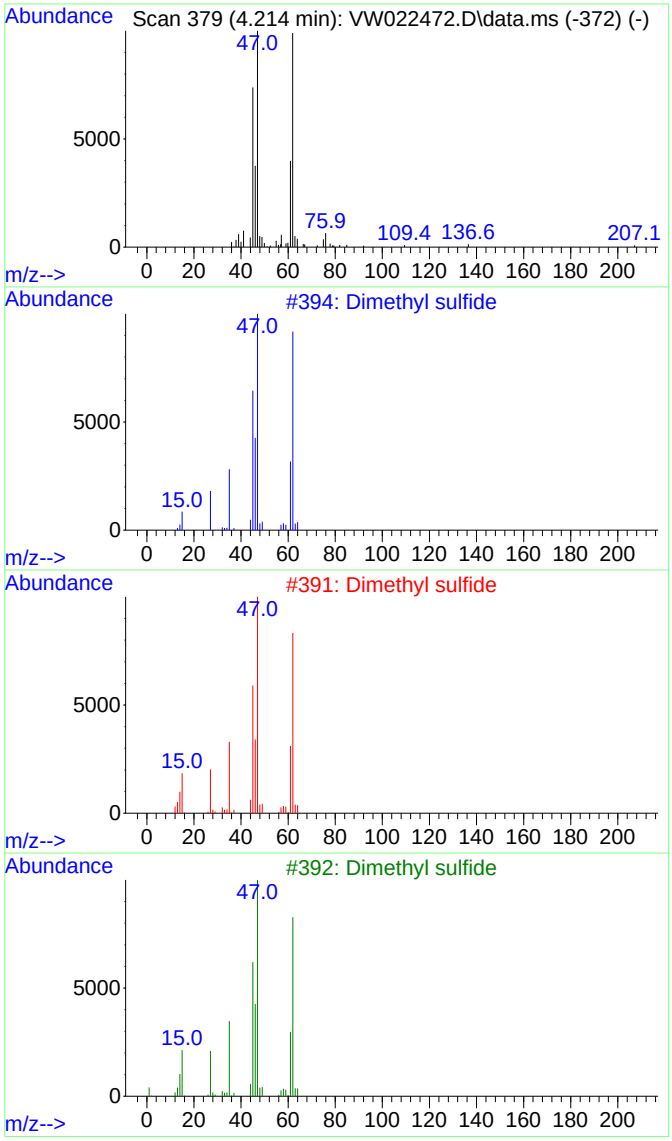
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

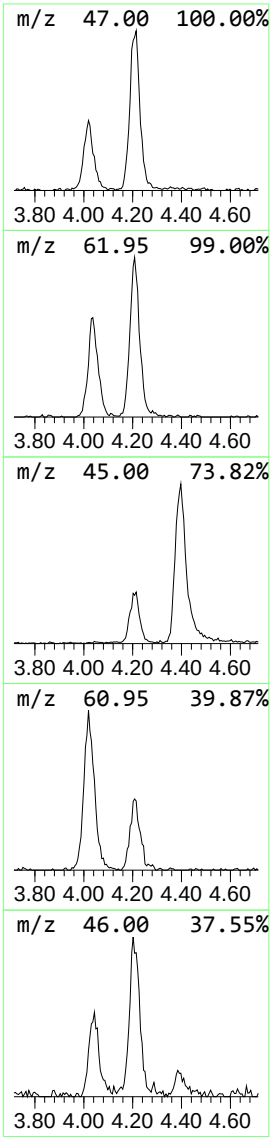
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dimethyl sulfide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.214	3.06 ug/L	124761	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	87
5	Dimethyl sulfide	62	C2H6S	000075-18-3	87





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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

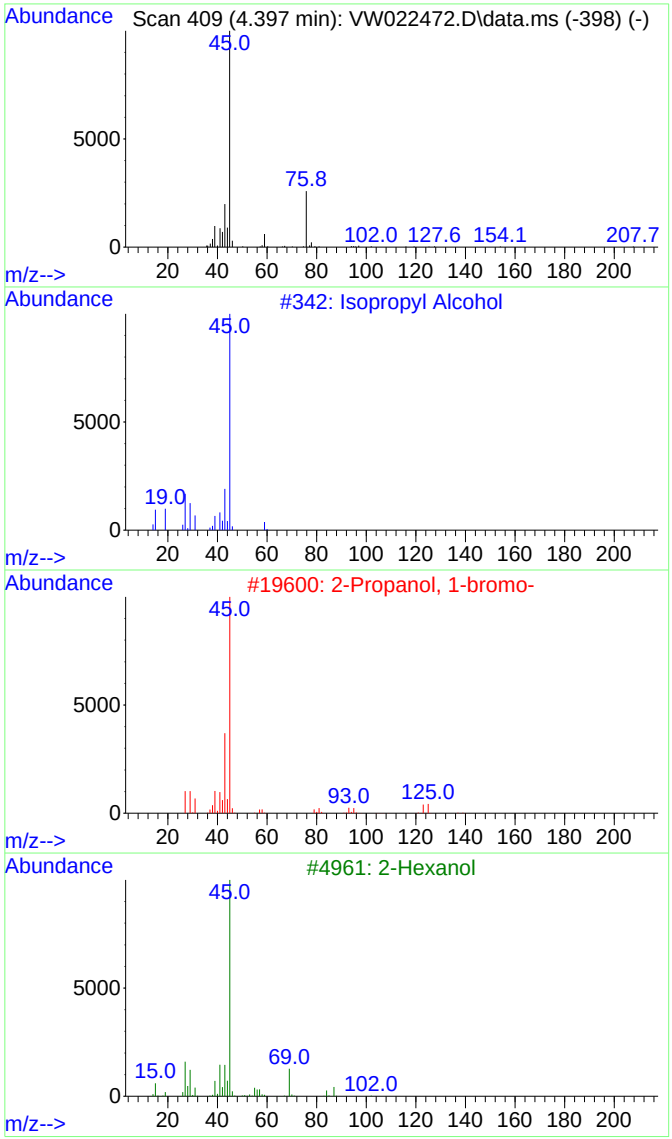
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

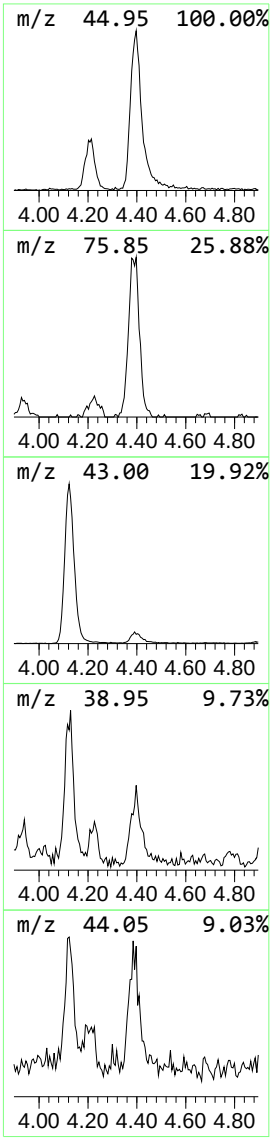
****

Peak Number 4 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.397	3.22 ug/L	131534	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	45
2	2-Propanol, 1-bromo-	138	C3H7BrO	019686-73-8	45
3	2-Hexanol	102	C6H14O	000626-93-7	42
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	42
5	2-Pentanol	88	C5H12O	006032-29-7	38





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
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Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

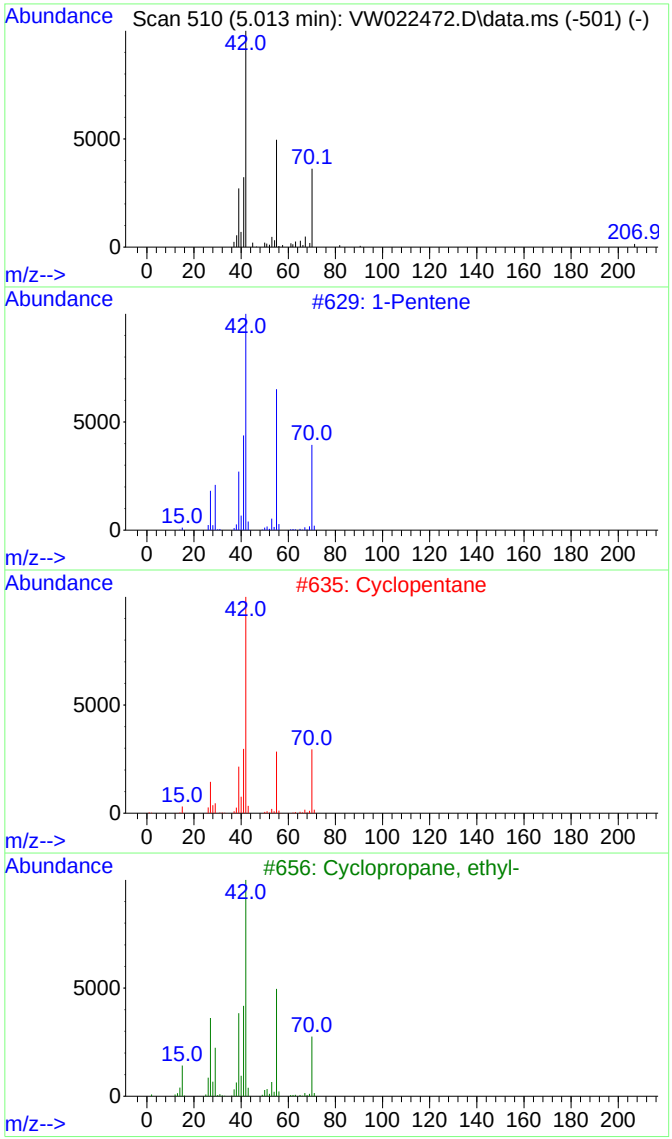
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

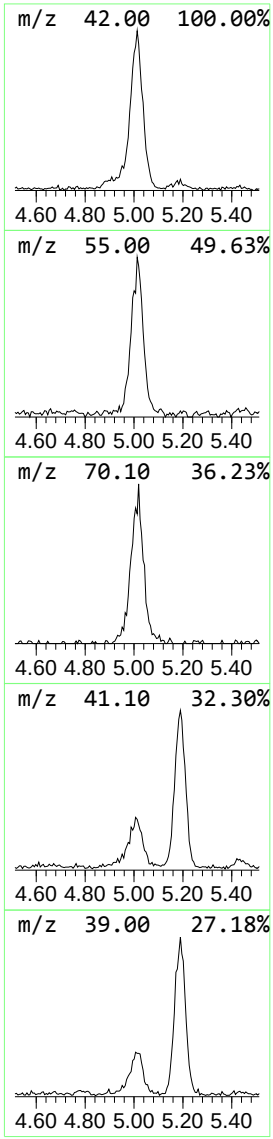
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	2.76 ug/L	112657	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
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Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

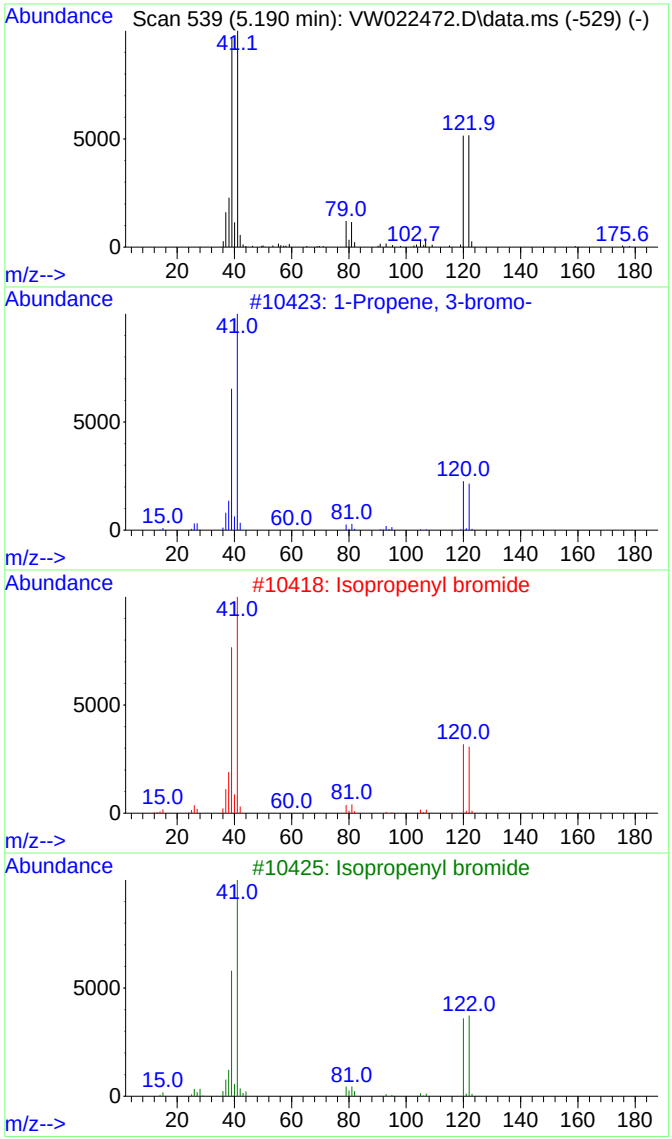
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

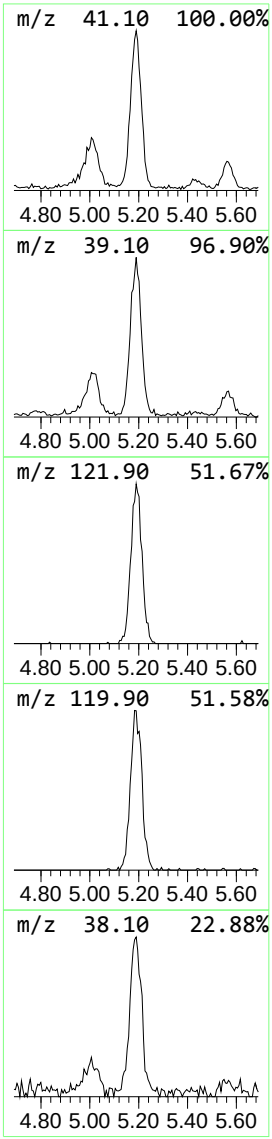
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Propene, 3-bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.190	3.53 ug/L	143894	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	91
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
3	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
4	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90
5	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	72





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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

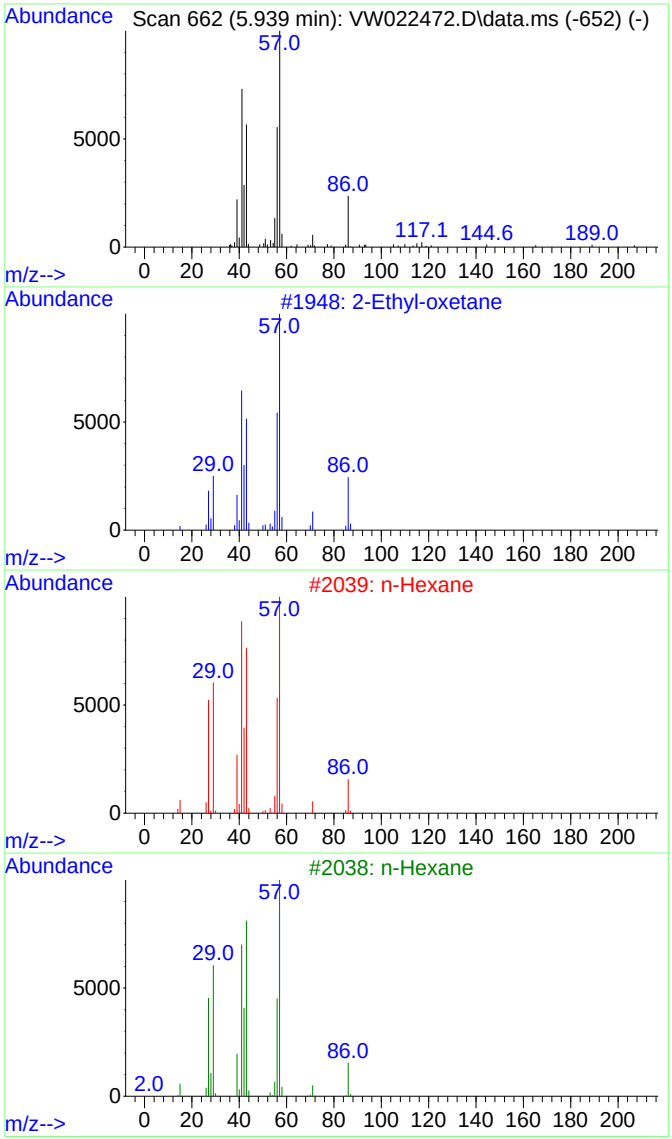
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

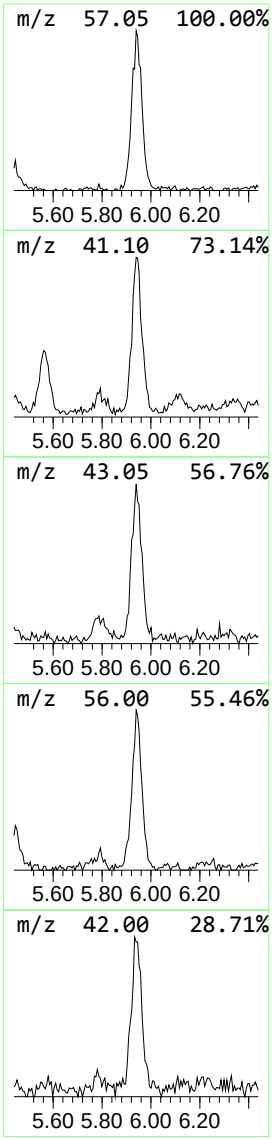
****

Peak Number 7 2-Ethyl-oxetane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.939	2.11 ug/L	86261	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	59
3	n-Hexane	86	C6H14	000110-54-3	59
4	n-Hexane	86	C6H14	000110-54-3	59
5	n-Hexane	86	C6H14	000110-54-3	40





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

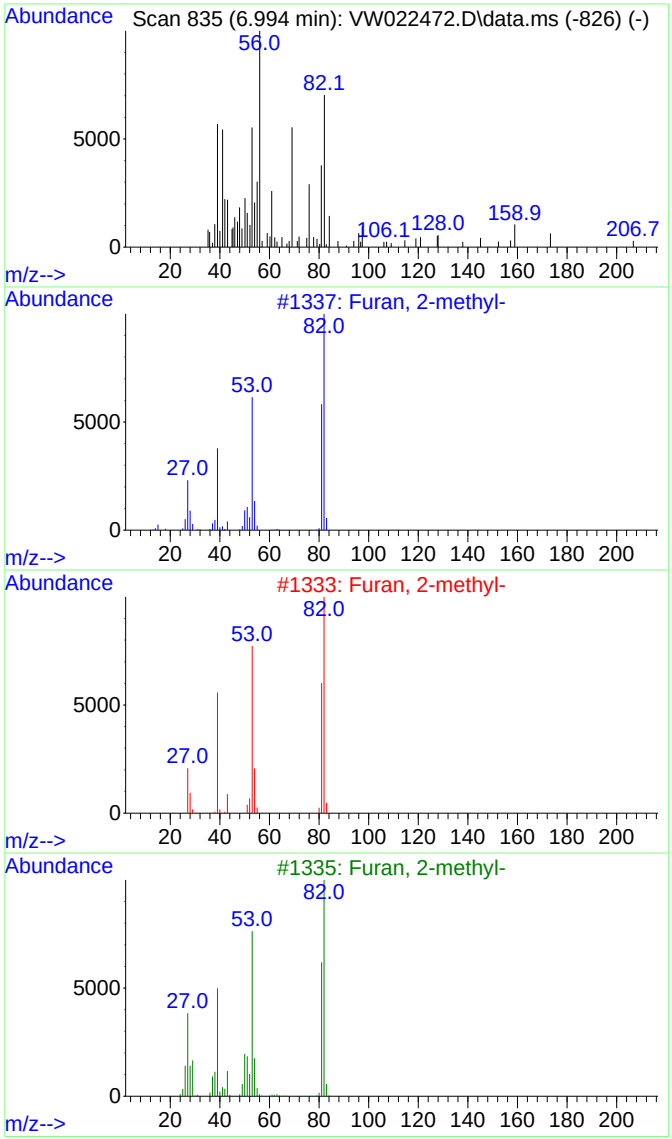
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

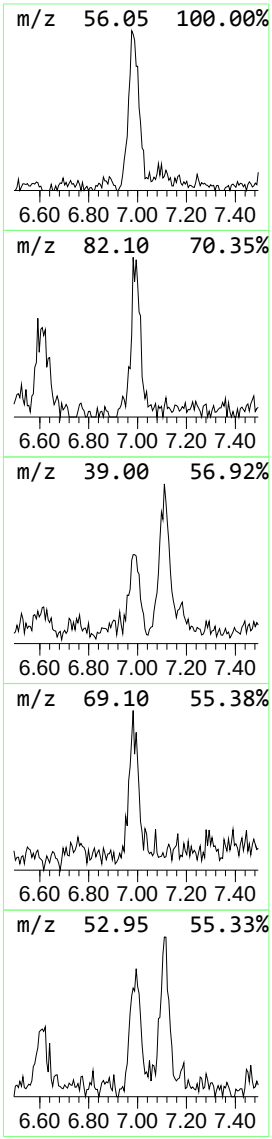
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.994	1.45 ug/L	59154	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-methyl-	82	C5H6O	000534-22-5	43
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	43
3	Furan, 2-methyl-	82	C5H6O	000534-22-5	43
4	1,2,4-Triazine	81	C3H3N3	000290-38-0	38
5	Furan, 3-methyl-	82	C5H6O	000930-27-8	37





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

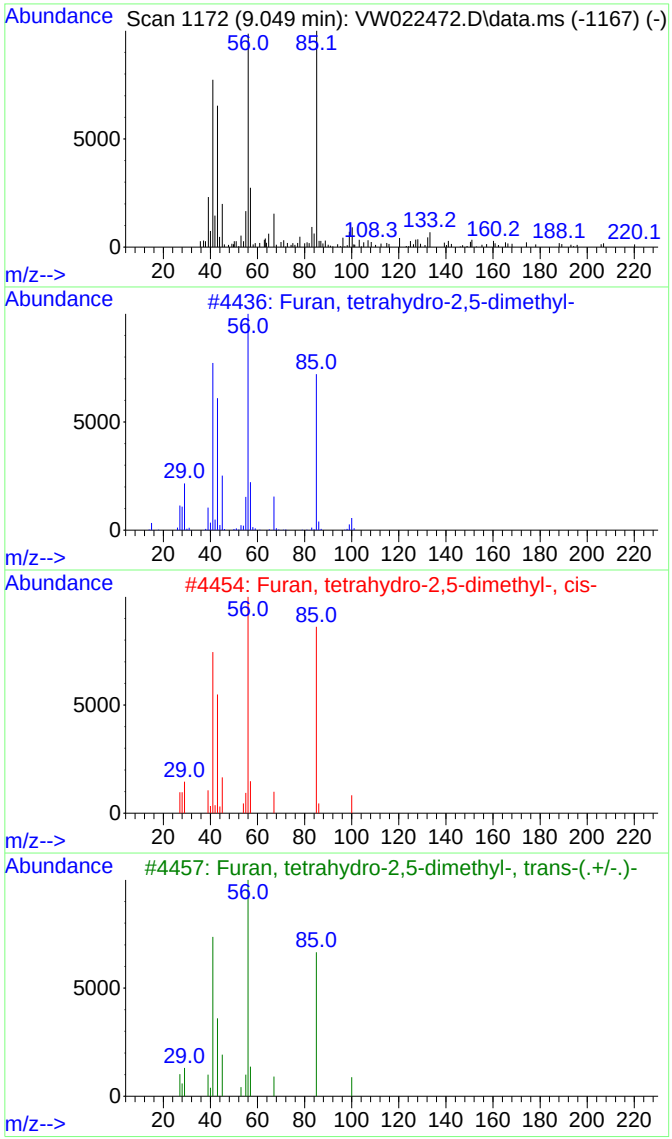
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

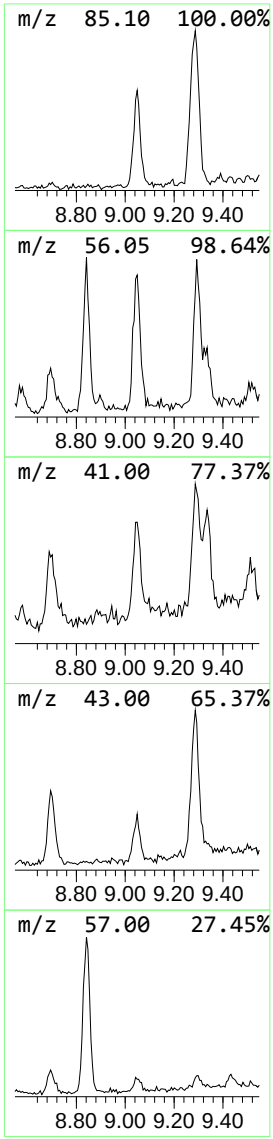
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Furan, tetrahydro-2,5-dimet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	1.45 ug/L	59042	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	87
2	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	86
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	53
4	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	52
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	50





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

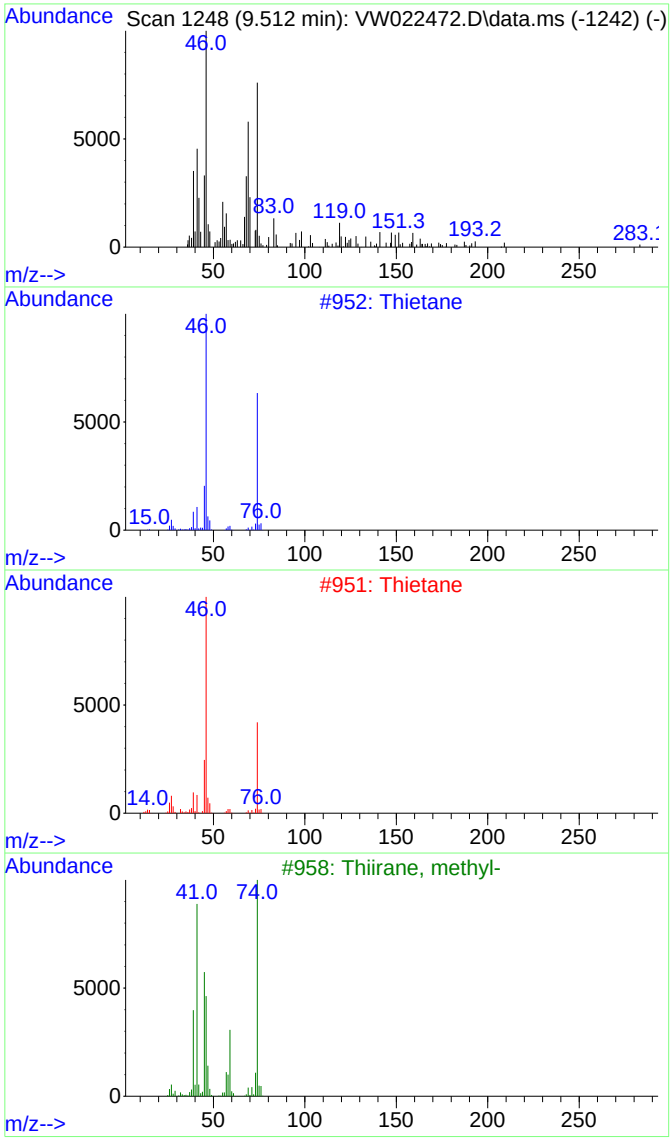
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

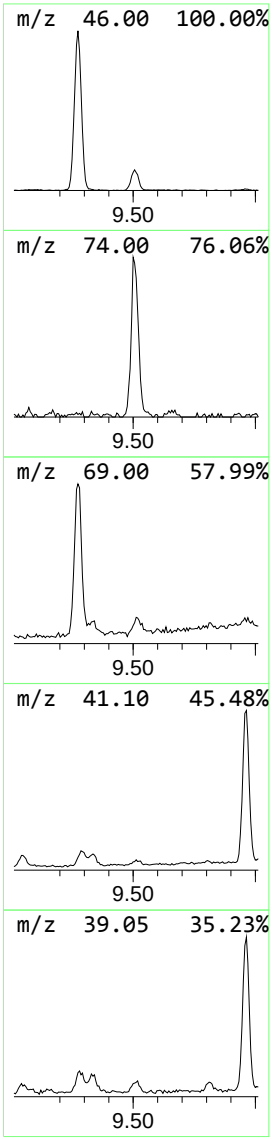
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Thietane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	1.55 ug/L	63058	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	58
2	Thietane	74	C3H6S	000287-27-4	53
3	Thiirane, methyl-	74	C3H6S	001072-43-1	32
4	2-Sulfanylidene-1,3-thiazolidin-...	133	C3H3NOS2	006913-23-1	32
5	Methyl 3-cyclopropylpropanoate	128	C7H12O2	062021-34-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

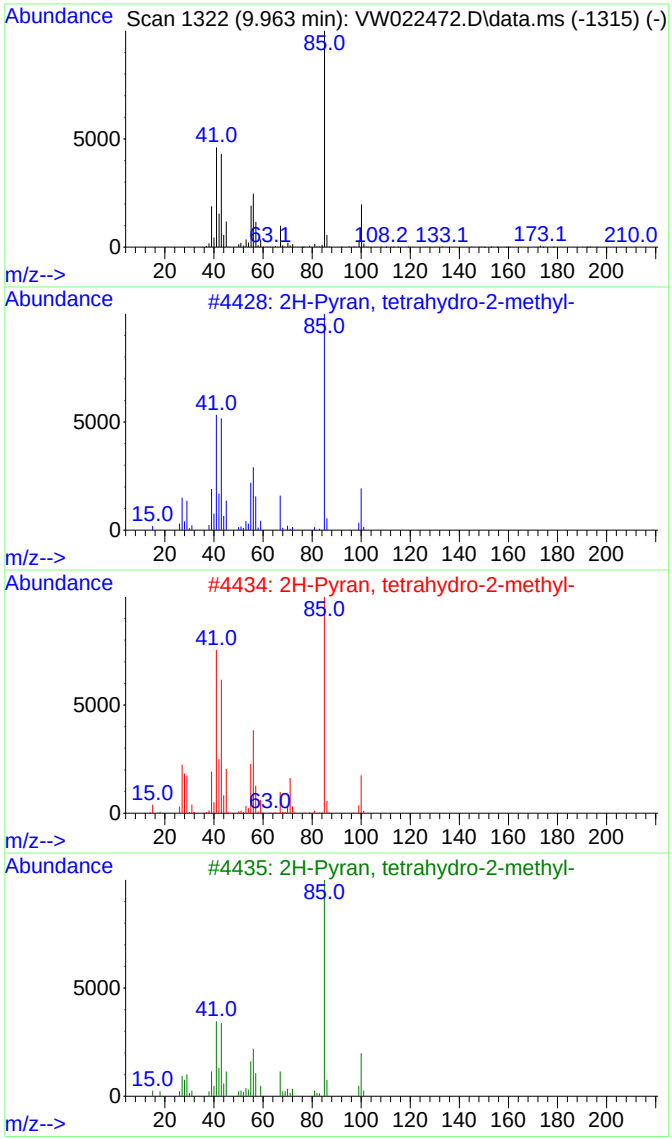
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

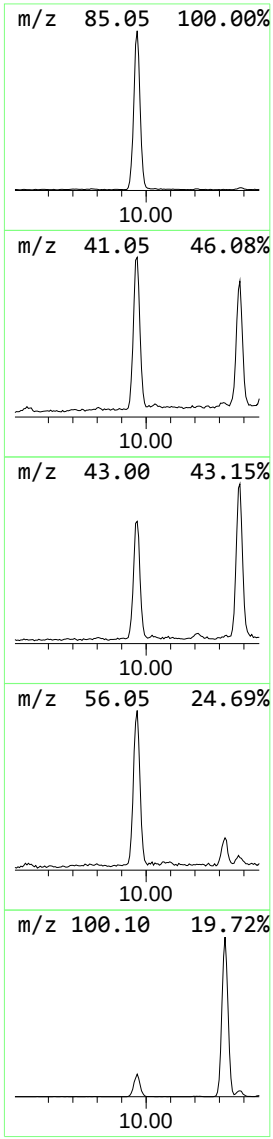
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	22.48 ug/L	917236	1,4-Difluorobenzene	8.841

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	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	72
5	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

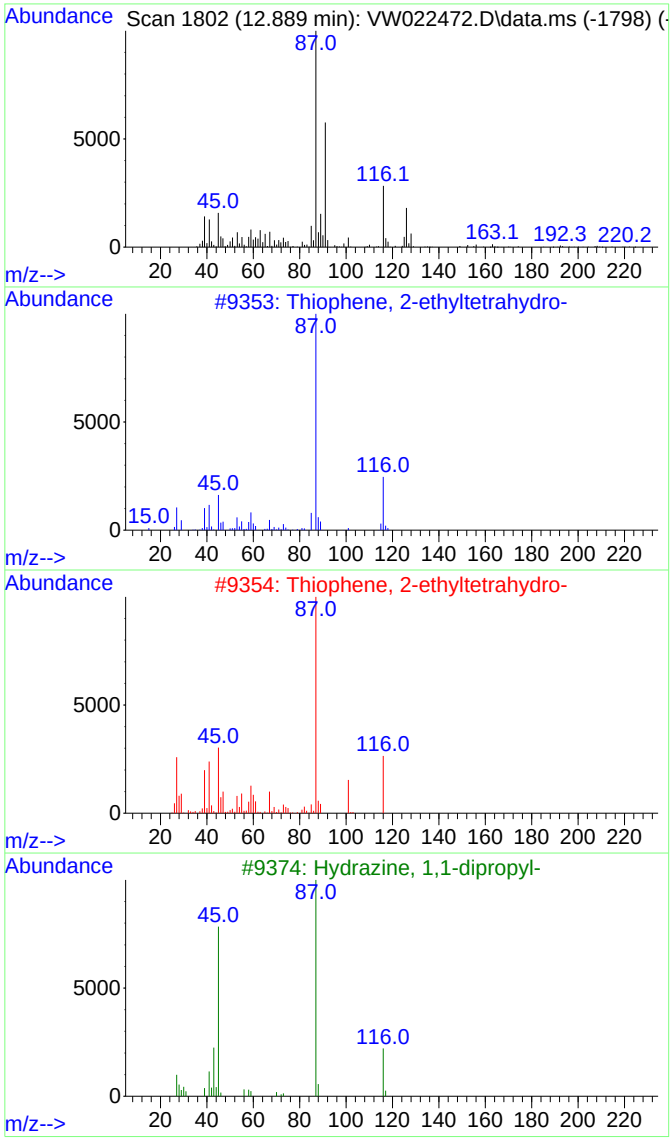
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

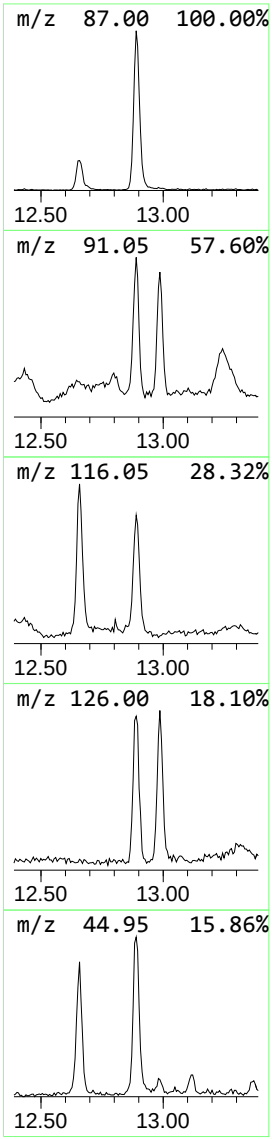
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Thiophene, 2-ethyltetrahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	5.86 ug/L	409702	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	81
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	68
3	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	50
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	50
5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	50





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

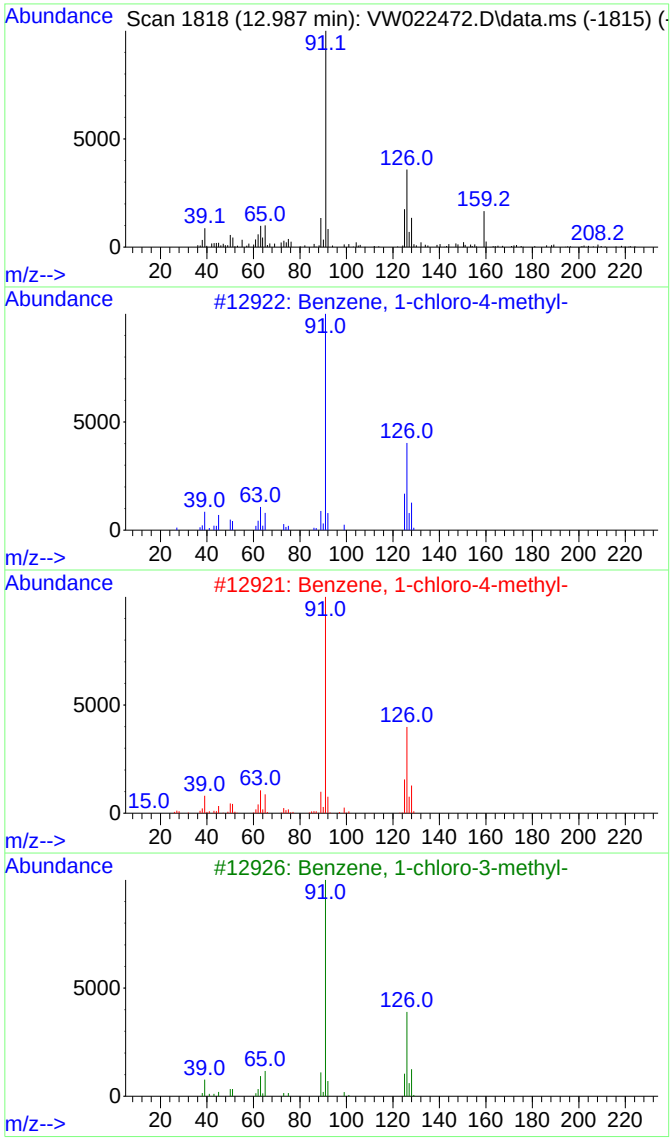
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

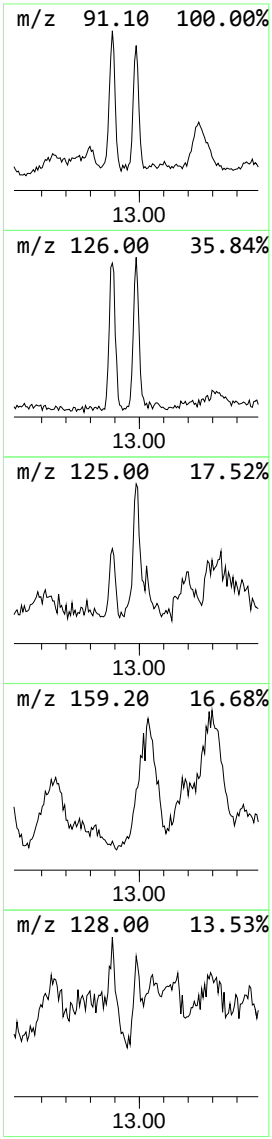
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-chloro-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	1.52 ug/L	106409	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	94
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	93
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	87
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	87
5	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	87





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

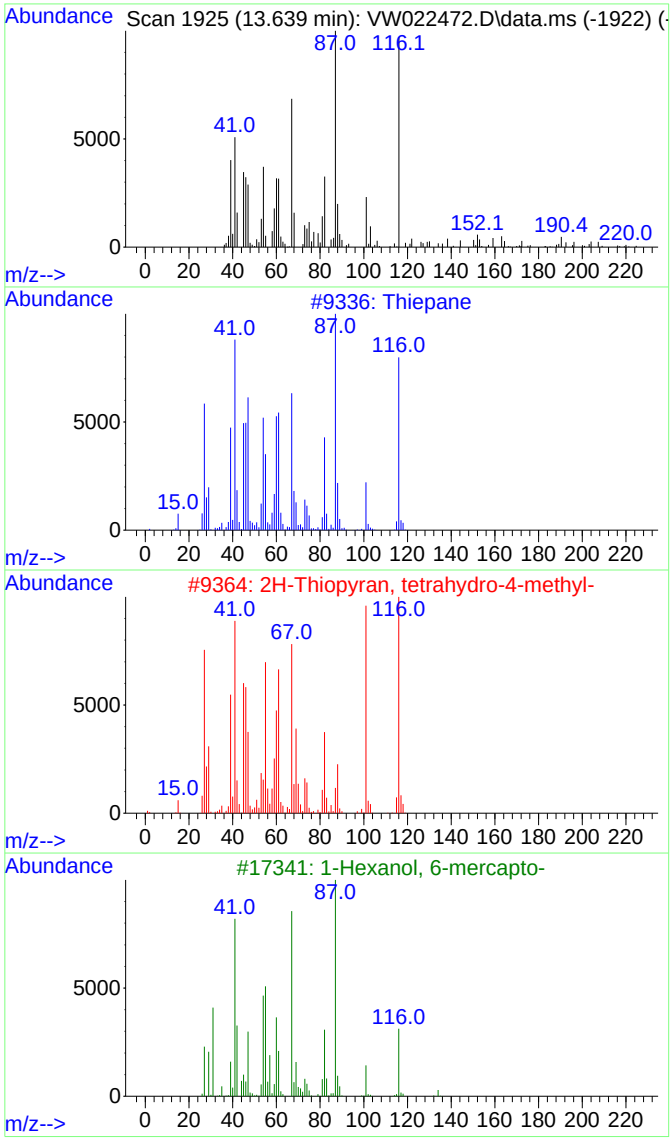
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

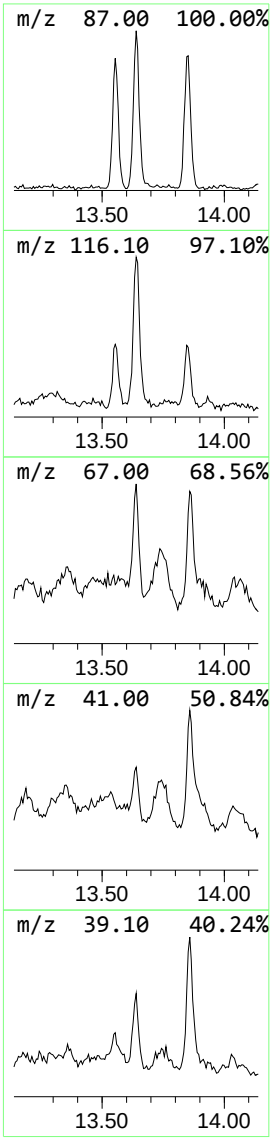
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Thiepane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.639	3.54 ug/L	247527	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiepane	116	C6H12S	004753-80-4	94
2	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	43
3	1-Hexanol, 6-mercapto-	134	C6H14OS	001633-78-9	35
4	4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	30
5	4-Imidazolidinone, 2-thioxo-	116	C3H4N2OS	000503-87-7	27





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

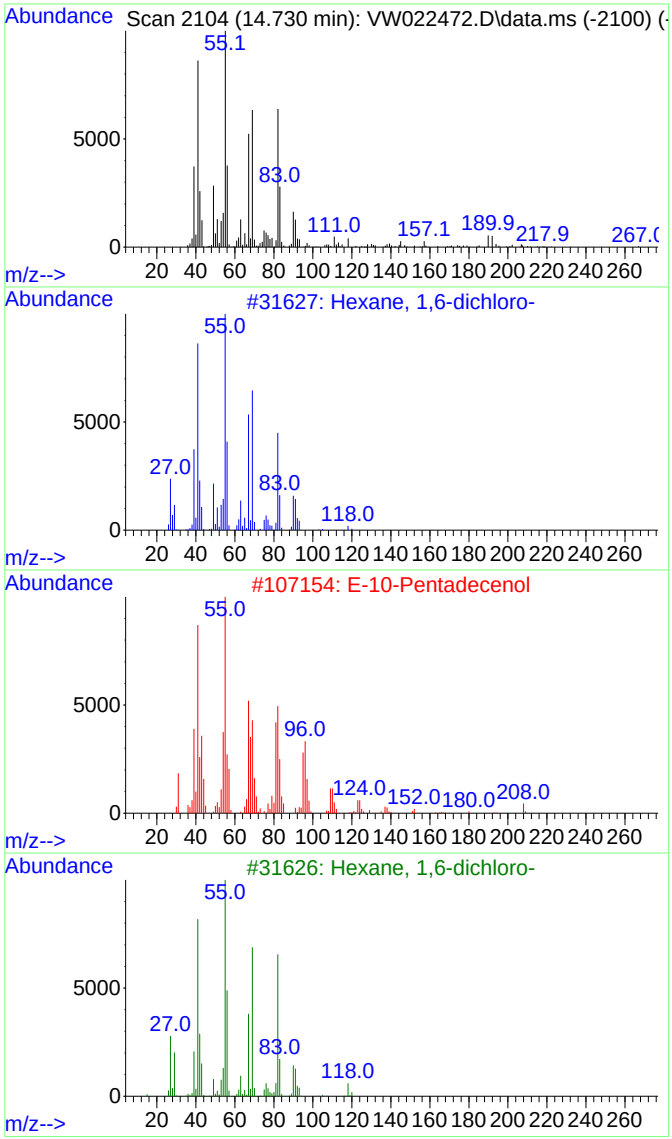
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

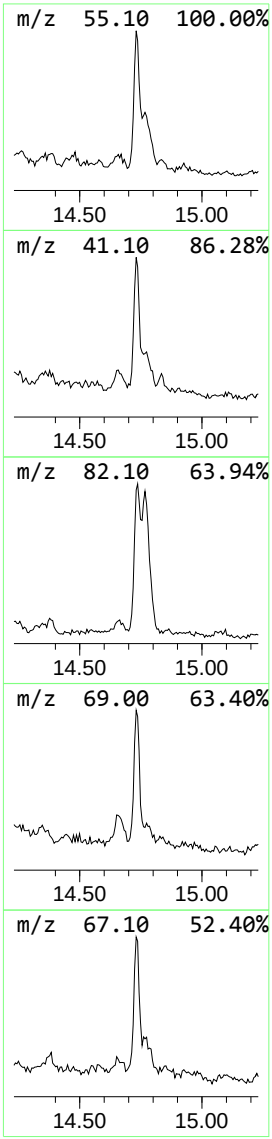
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexane, 1,6-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.730	5.89 ug/L	412109	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	86
2	E-10-Pentadecenol	226	C15H30O	1000245-48-4	47
3	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	43
4	Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	38
5	Methallylcyclohexane	138	C10H18	003990-93-0	38





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

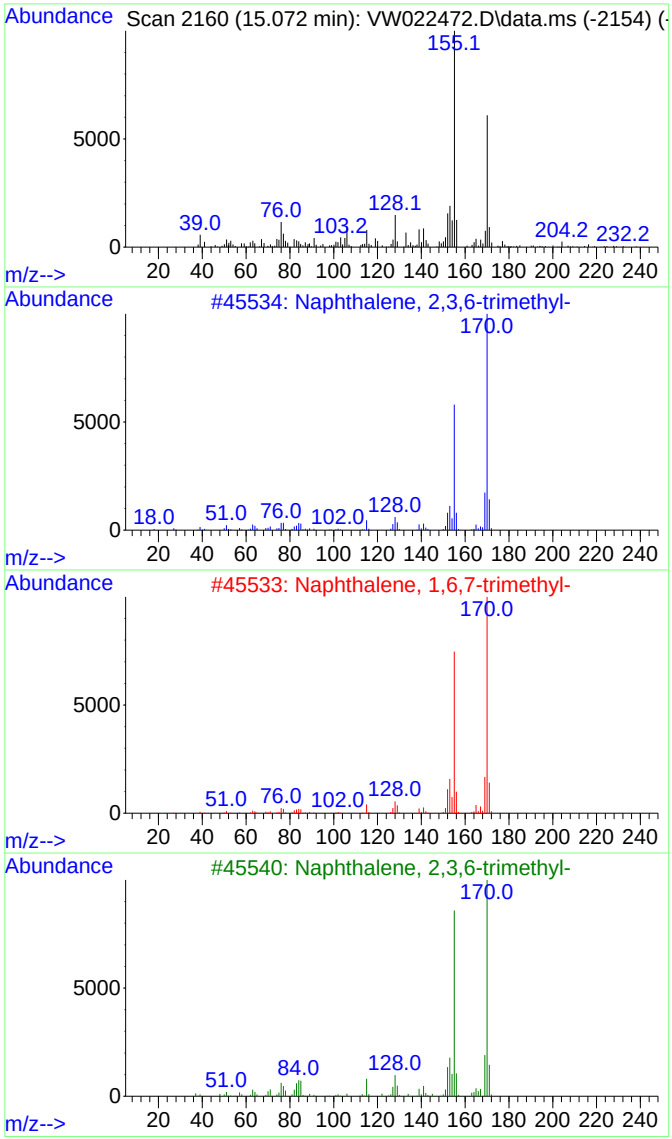
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

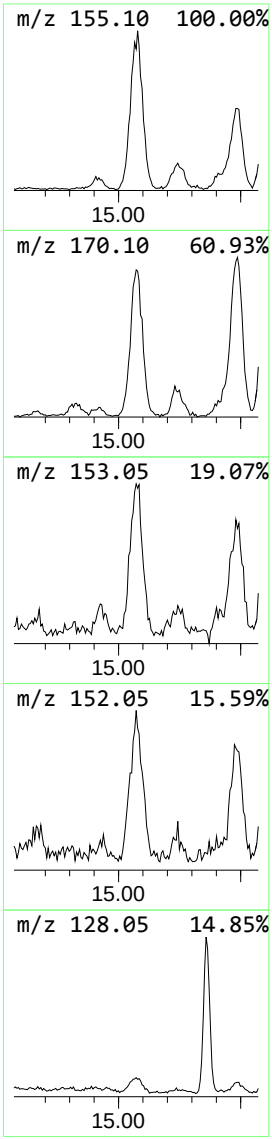
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	5.78 ug/L	404246	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	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

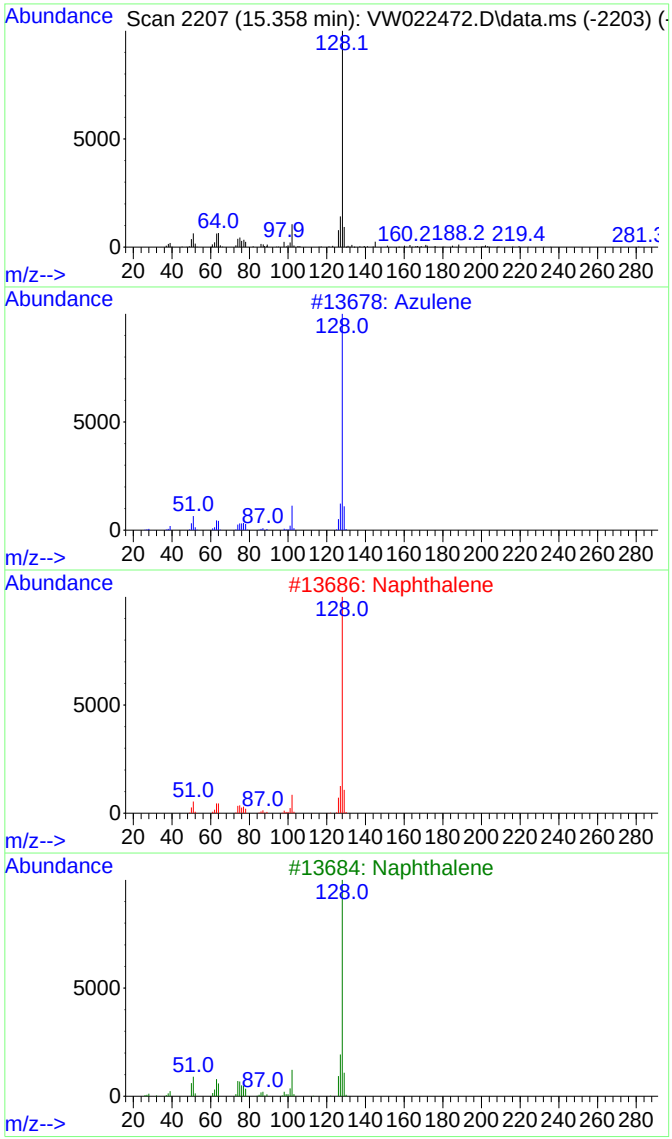
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

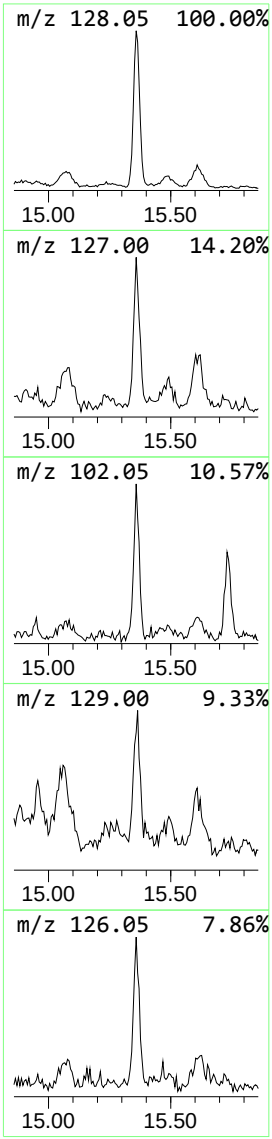
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Azulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	2.24 ug/L	156964	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	Naphthalene	128	C10H8	000091-20-3	93
4	Naphthalene	128	C10H8	000091-20-3	90
5	Azulene	128	C10H8	000275-51-4	90





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Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

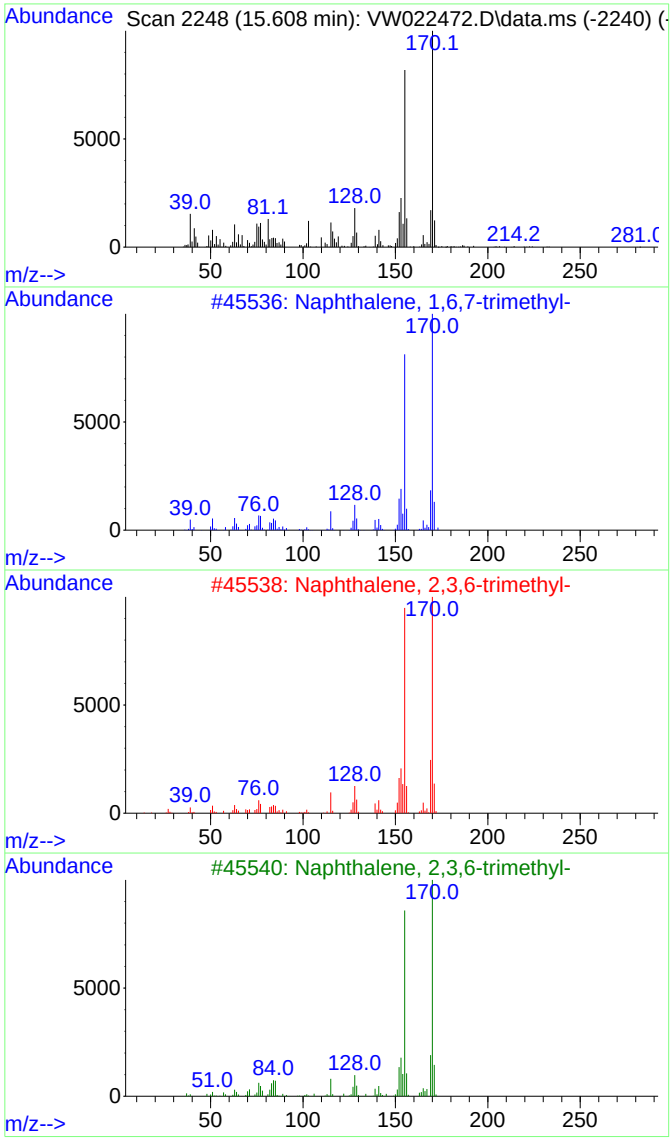
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

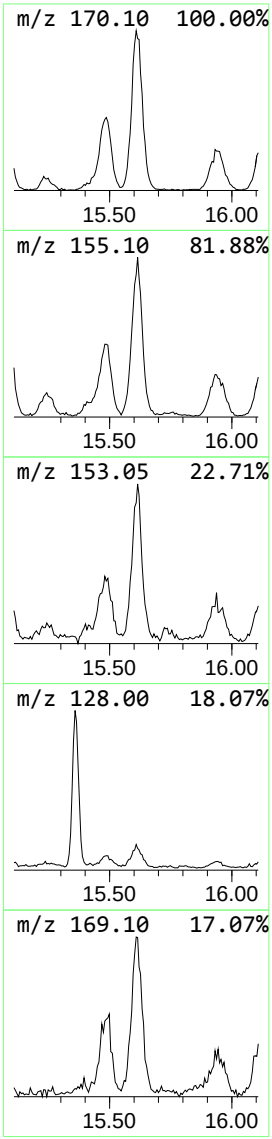
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.608	9.47 ug/L	662705	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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

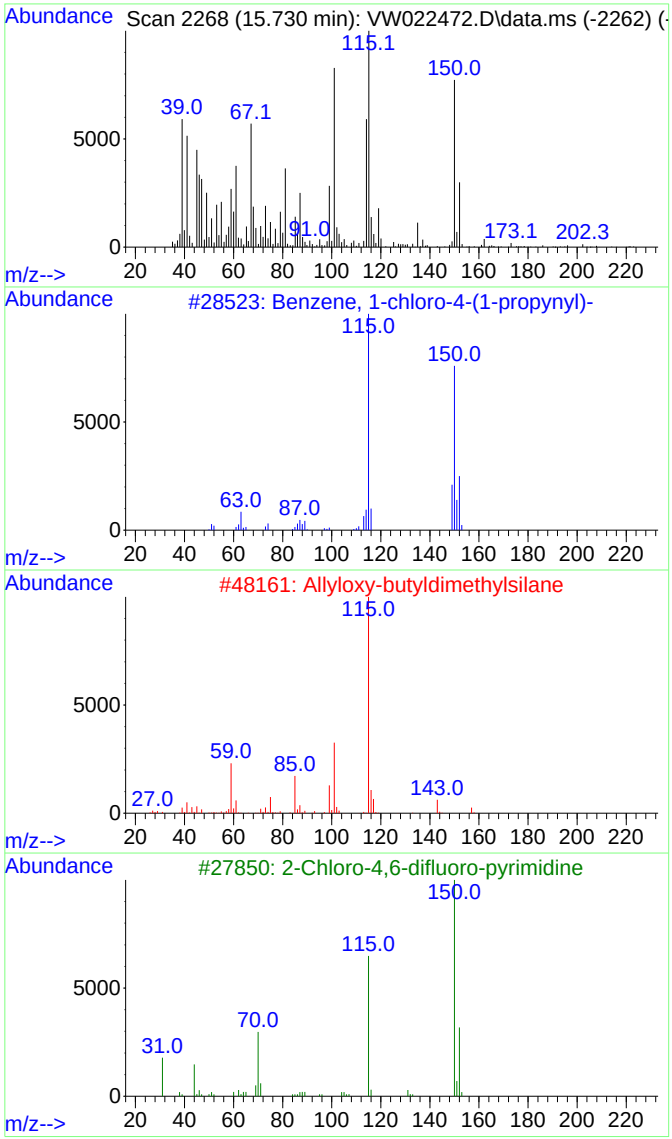
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

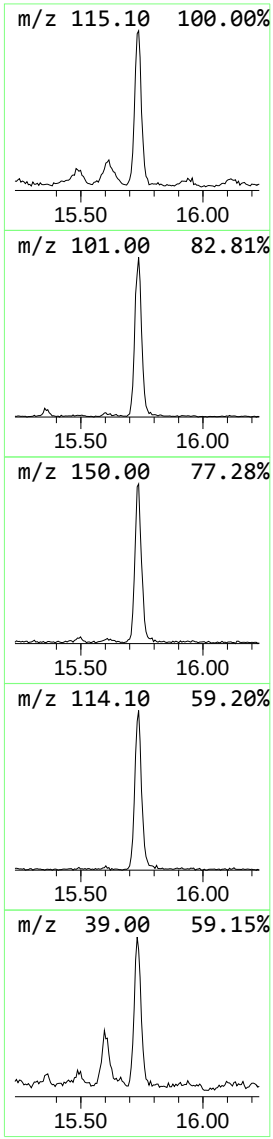
****

Peak Number 20 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	11.49 ug/L	803600	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	22
2	Allyloxy-butyldimethylsilane	172	C9H20OSi	053379-15-0	14
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	14
4	1,1-Dimethoxycyclopentane	130	C7H14O2	000931-94-2	10
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

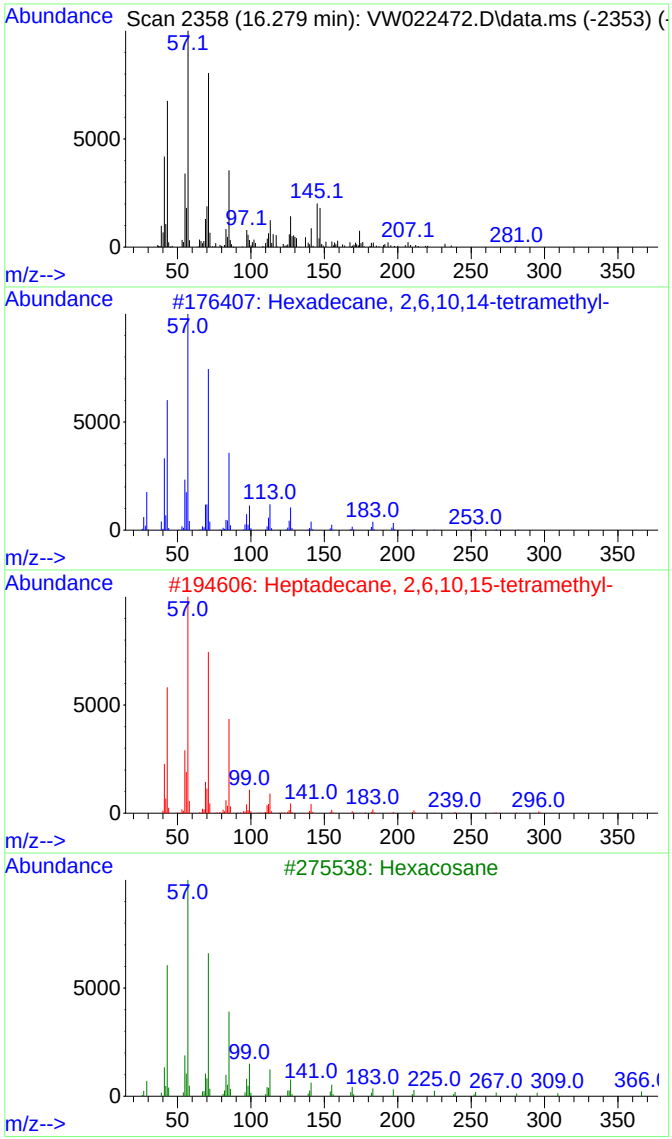
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

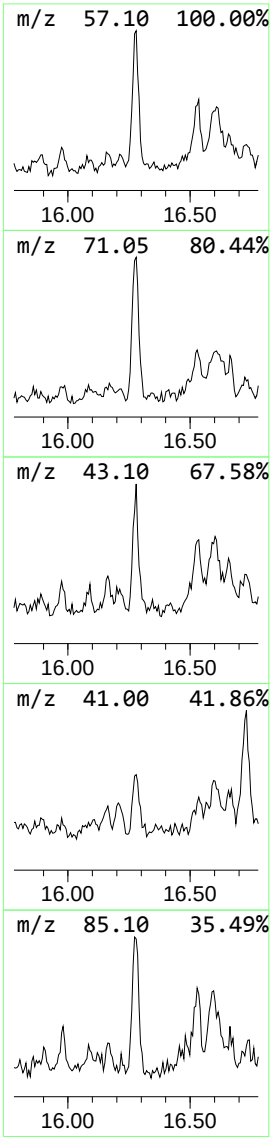
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	2.11 ug/L	147567	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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

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

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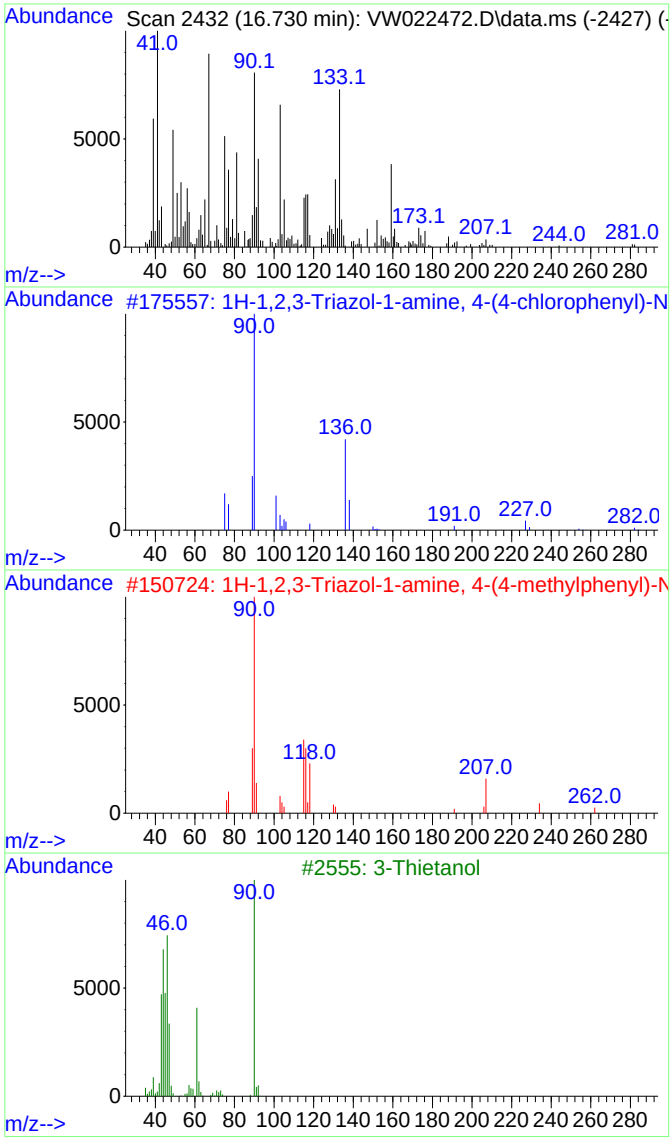
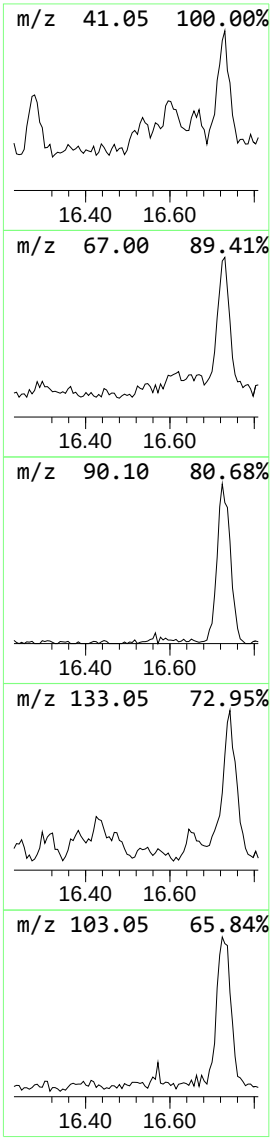
Peak Number 22 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.730	2.91 ug/L	203305	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-c...	282	C15H11ClN4	113261-45-3	47
2	1H-1,2,3-Triazol-1-amine, 4-(4-m...	262	C16H14N4	113261-43-1	33
3	3-Thietanol	90	C3H6OS	010304-16-2	27
4	2-Diisopropylaminoethyl fluoride	147	C8H18FN	1010226-60-7	27
5	Mandelic acid, monoanhydride wit...	218	C12H15BO3	024372-03-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

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...	1.964	410.5	ug/L	16751200	1	8.841	1020200	25.0
Acetaldehyde	2.501	1.3	ug/L	54048	1	8.841	1020200	25.0
Dimethyl sulfide	4.214	3.1	ug/L	124761	1	8.841	1020200	25.0
unknown-01	4.397	3.2	ug/L	131534	1	8.841	1020200	25.0
(DEL) Alkane: S...	5.013	2.8	ug/L	112657	1	8.841	1020200	25.0
1-Propene, 3-br...	5.190	3.5	ug/L	143894	1	8.841	1020200	25.0
2-Ethyl-oxetane	5.939	2.1	ug/L	86261	1	8.841	1020200	25.0
unknown-02	6.994	1.5	ug/L	59154	1	8.841	1020200	25.0
Furan, tetrahyd...	9.049	1.5	ug/L	59042	1	8.841	1020200	25.0
Thietane	9.512	1.6	ug/L	63058	1	8.841	1020200	25.0
2H-Pyran, tetra...	9.963	22.5	ug/L	917236	1	8.841	1020200	25.0
Thiophene, 2-et...	12.889	5.9	ug/L	409702	3	13.554	1749130	25.0
Benzene, 1-chlo...	12.987	1.5	ug/L	106409	3	13.554	1749130	25.0
Thiepane	13.639	3.5	ug/L	247527	3	13.554	1749130	25.0
Hexane, 1,6-dic...	14.730	5.9	ug/L	412109	3	13.554	1749130	25.0
Naphthalene, 2,...	15.072	5.8	ug/L	404246	3	13.554	1749130	25.0
Azulene	15.358	2.2	ug/L	156964	3	13.554	1749130	25.0
Naphthalene, 1,...	15.608	9.5	ug/L	662705	3	13.554	1749130	25.0
unknown-03	15.730	11.5	ug/L	803600	3	13.554	1749130	25.0
(DEL) Alkane: S...	16.279	2.1	ug/L	147567	3	13.554	1749130	25.0
unknown-04	16.730	2.9	ug/L	203305	3	13.554	1749130	25.0