LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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: VW022444.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	4	9	53	rBV	43644364	69577528	100.00%	46.500%
2	2.355	68	74	82	rVB	166858	304268	0.44%	0.203%
3	2.495	93	97	105	rVB	21463	41790	0.06%	0.028%
4	2.629	116	119	126	rVB4	10143	22996	0.03%	0.015%
5	2.885	155	161	173	rVB2	90269	201766	0.29%	0.135%
6	3.026	179	184	185	rBV4	10590	14499	0.02%	0.010%
7	3.166	202	207	219	rVB2	36891	105740	0.15%	0.071%
8	3.733	293	300	311	rVB5	5330	20255	0.03%	0.014%
9	3.903	321	328	332	rBV3	5948	15860	0.02%	0.011%
10	4.019	337	347	357	rVV2	157310	498416	0.72%	0.333%
11	4.123	357	364	371	rVV	114136	299673	0.43%	0.200%
12	4.208	372	378	394	rVB2	43606	133761	0.19%	0.089%
13	4.391	398	408	420	rBV3	39916	131729	0.19%	0.088%
14	4.952	482	500	505	rBV7	19547	84563	0.12%	0.057%
15	5.184	528	538	551	rVB4	31252	104031	0.15%	0.070%
16	5.440	570	580	590	rBV4	15972	53756	0.08%	0.036%
17	5.562	590	600	610	rVB3	18422	58532	0.08%	0.039%
18	5.781	624	636	638	rBV9	7402	18796	0.03%	0.013%
19	5.940	652	662	676	rVB	69189	209115	0.30%	0.140%
20	6.117	678	691	699	rBV	8384	30974	0.04%	0.021%
21	6.220	699	708	716	rBV9	6453	19733	0.03%	0.013%
22	6.732	782	792	804	rVB9	7022	32001	0.05%	0.021%
23	6.879	808	816	823	rBV6	7930	25430	0.04%	0.017%
24	6.982	826	833	841	rVV3	28673	83589	0.12%	0.056%
25	7.080	841	849	859	rVV	57701	178287	0.26%	0.119%
26	7.177	859	865	876	rVB	23331	67311	0.10%	0.045%
27	7.647	932	942	959	rVV	290039	742942	1.07%	0.497%
28	7.927	978	988	999	rBV4	79006	228770	0.33%	0.153%
29	8.031	999	1005	1016	rVB2	27681	72455	0.10%	0.048%
30	8.153	1016	1025	1035	rBV	94663	220793	0.32%	0.148%
31	8.323	1035	1053	1061	rBV2	2980245	7940121	11.41%	5.307%
32	8.403	1061	1066	1079	rVV	117135	286720	0.41%	0.192%
33	8.506	1079	1083	1088	rVV7	7464	17199	0.02%	0.011%
34	8.567	1088	1093	1100	rVB4	13780	33143	0.05%	0.022%
35	8.695	1105	1114	1125	rBV2	110389	236221	0.34%	0.158%
36	8.842	1129	1138	1150	rBV	495389	995639	1.43%	0.665%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
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Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

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

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

37	9.043	1165	1171	1185	rVV	58210	145498	0.21%	0.097%
38	9.274	1201	1209	1217	rBV2	429607	971276	1.40%	0.649%
39	9.506	1242	1247	1255	rVB4	18122	43971	0.06%	0.029%
40	9.811	1289	1297	1302	rVB8	10296	24381	0.04%	0.016%
41	9.963	1313	1322	1328	rVV	1046602	1895294	2.72%	1.267%
42	10.037	1328	1334	1340	rVV	212356	382191	0.55%	0.255%
43	10.097	1340	1344	1353	rVB3	13736	29987	0.04%	0.020%
44	10.207	1355	1362	1367	rBV3	17119	36078	0.05%	0.024%
45	10.323	1373	1381	1386	rBV	783966	1416132	2.04%	0.946%
46	10.384	1386	1391	1401	rVV2	1402037	2494340	3.58%	1.667%
47	10.469	1401	1405	1407	rVV2	27019	49838	0.07%	0.033%
48	10.500	1407	1410	1416	rVB3	51449	89193	0.13%	0.060%
49	10.579	1416	1423	1430	rBV	138762	244182	0.35%	0.163%
50	10.719	1438	1446	1459	rVB	317651	637452	0.92%	0.426%
51	10.853	1465	1468	1473	rVB	24077	36913	0.05%	0.025%
52	10.927	1473	1480	1492	rBV2	533773	1026127	1.47%	0.686%
53	11.061	1497	1502	1508	rBV3	33368	55597	0.08%	0.037%
54	11.177	1516	1521	1528	rVB4	20980	36733	0.05%	0.025%
55	11.292	1532	1540	1549	rBV	125378	263467	0.38%	0.176%
56	11.372	1549	1553	1555	rVV	19424	27411	0.04%	0.018%
57	11.408	1555	1559	1565	rVB	45804	78307	0.11%	0.052%
58	11.555	1575	1583	1589	rBV	714412	1123982	1.62%	0.751%
59	11.658	1589	1600	1608	rVV	20516840	35468791	50.98%	23.704%
60	11.731	1608	1612	1618	rVB	158768	257592	0.37%	0.172%
61	11.835	1618	1629	1639	rVB4	51103	151602	0.22%	0.101%
62	11.951	1642	1648	1655	rBV3	51433	116876	0.17%	0.078%
63	12.067	1662	1667	1672	rVV6	10023	18992	0.03%	0.013%
64	12.164	1678	1683	1691	rVB	40476	74635	0.11%	0.050%
65	12.353	1706	1714	1719	rBV	7138	18074	0.03%	0.012%
66	12.603	1750	1755	1758	rBV4	11359	19827	0.03%	0.013%
67	12.658	1758	1764	1765	rBV2	131186	187957	0.27%	0.126%
68	12.688	1765	1769	1774	rVV	341301	586897	0.84%	0.392%
69	12.743	1774	1778	1784	rVB	290366	470904	0.68%	0.315%
70	12.890	1793	1802	1807	rBV	121826	233969	0.34%	0.156%
71	13.060	1824	1830	1833	rBV8	6528	15370	0.02%	0.010%
72	13.115	1833	1839	1845	rVV3	86137	158070	0.23%	0.106%
73	13.182	1845	1850	1855	rVV3	44948	98824	0.14%	0.066%
74	13.243	1855	1860	1863	rVV	53362	117417	0.17%	0.078%
75	13.286	1864	1867	1874	rVV3	60399	106335	0.15%	0.071%
76	13.365	1874	1880	1887	rVV3	47753	85213	0.12%	0.057%

LSC Area Percent Report

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Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

77	13.457	1888	1895	1898	rVV7	17967	40868	0.06%	0.027%
78	13.493	1898	1901	1905	rVV2	24366	43737	0.06%	0.029%
79	13.554	1905	1911	1919	rVV	820948	1392439	2.00%	0.931%
80	13.640	1919	1925	1935	rVB2	169226	310255	0.45%	0.207%
81	13.859	1947	1961	1970	rBV3	1882817	3657087	5.26%	2.444%
82	13.938	1971	1974	1980	rVB4	18509	28402	0.04%	0.019%
83	14.036	1980	1990	1996	rBV3	115013	210292	0.30%	0.141%
84	14.139	2003	2007	2013	rVB7	26277	42268	0.06%	0.028%
85	14.213	2013	2019	2025	rVB	102162	166286	0.24%	0.111%
86	14.347	2035	2041	2046	rVB3	24251	45341	0.07%	0.030%
87	14.414	2046	2052	2056	rBV3	125880	237123	0.34%	0.158%
88	14.463	2056	2060	2067	rVB	644400	1029659	1.48%	0.688%
89	14.578	2073	2079	2085	rVB2	125432	203992	0.29%	0.136%
90	14.731	2098	2104	2111	rVV2	2657052	4288926	6.16%	2.866%
91	14.816	2111	2118	2130	rVB6	74999	239551	0.34%	0.160%
92	15.109	2155	2166	2173	rBV8	60067	188821	0.27%	0.126%
93	15.249	2183	2189	2194	rVB2	71246	119649	0.17%	0.080%
94	15.487	2223	2228	2234	rVV4	31421	68780	0.10%	0.046%
95	15.542	2235	2237	2241	rVV5	9699	14326	0.02%	0.010%
96	15.603	2241	2247	2259	rVB2	187553	363418	0.52%	0.243%
97	15.731	2259	2268	2284	rBV2	1396847	2720282	3.91%	1.818%
98	16.267	2351	2356	2362	rVB8	7870	14498	0.02%	0.010%
99	16.450	2377	2386	2389	rBV5	93976	224816	0.32%	0.150%
100	16.724	2423	2431	2441	rBV2	719414	1575004	2.26%	1.053%

Sum of corrected areas: 149629917

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
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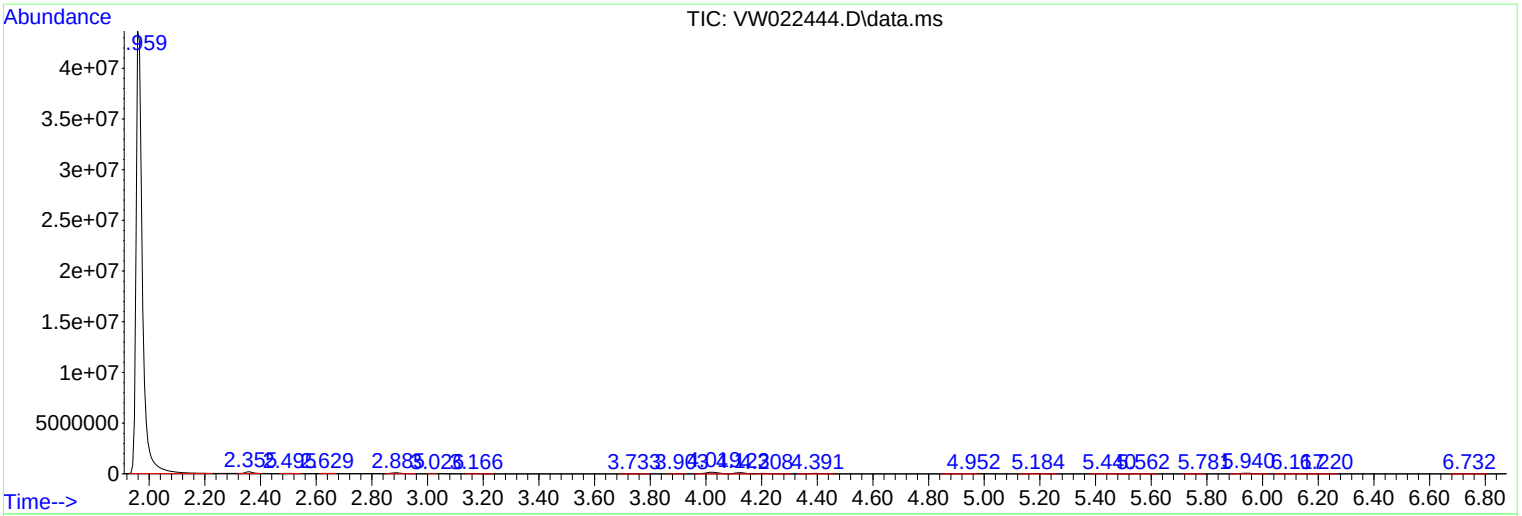
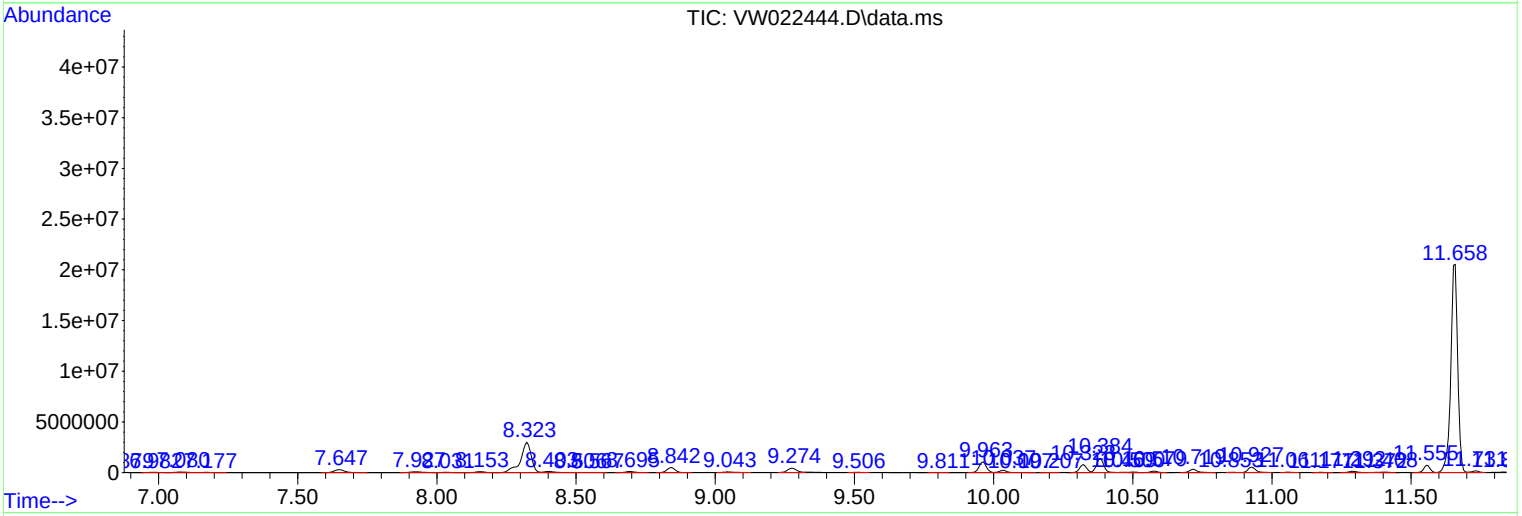
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

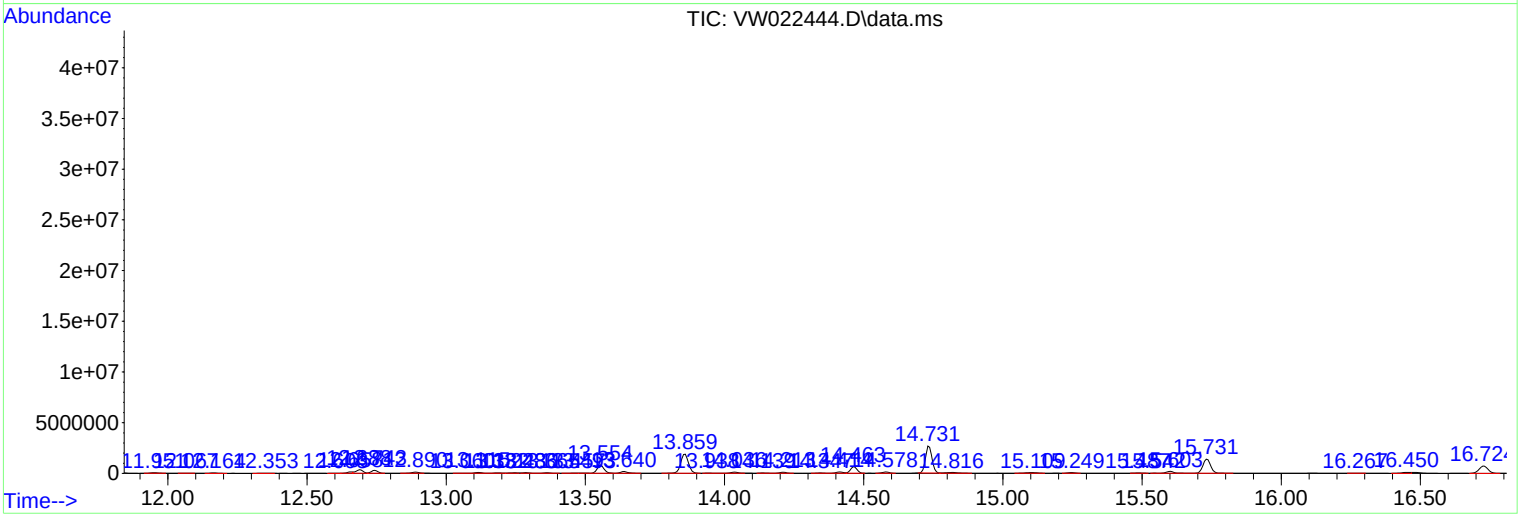
Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

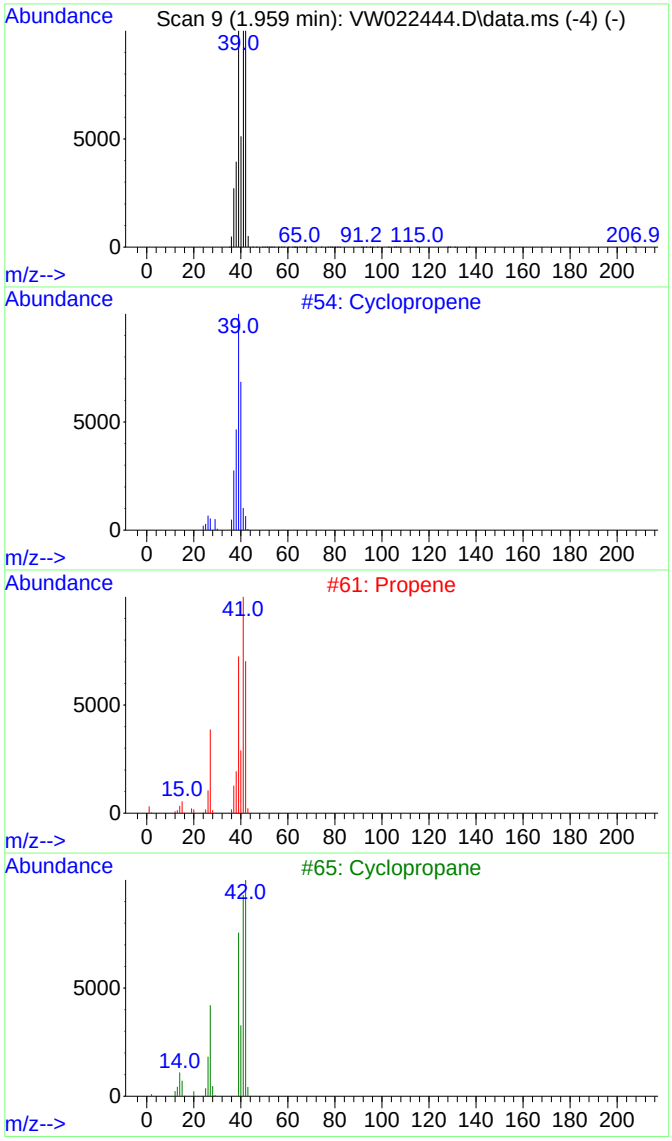
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

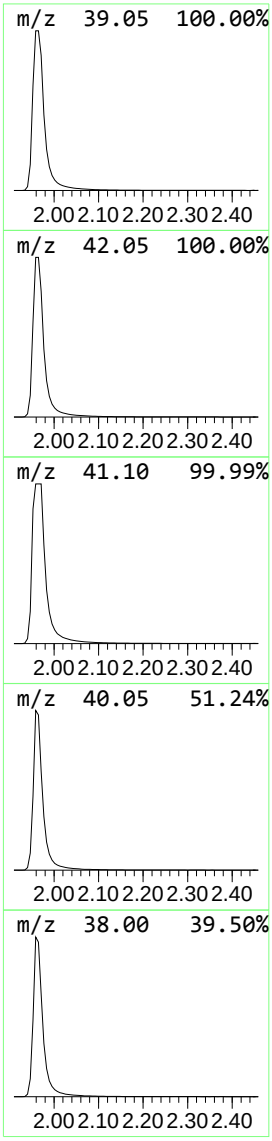
****

Peak Number 1 Cyclopropene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	1747.06 ug/L	69577500	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropene	40	C3H4	002781-85-3	80
2	Propene	42	C3H6	000115-07-1	78
3	Cyclopropane	42	C3H6	000075-19-4	38
4	Propene	42	C3H6	000115-07-1	28
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

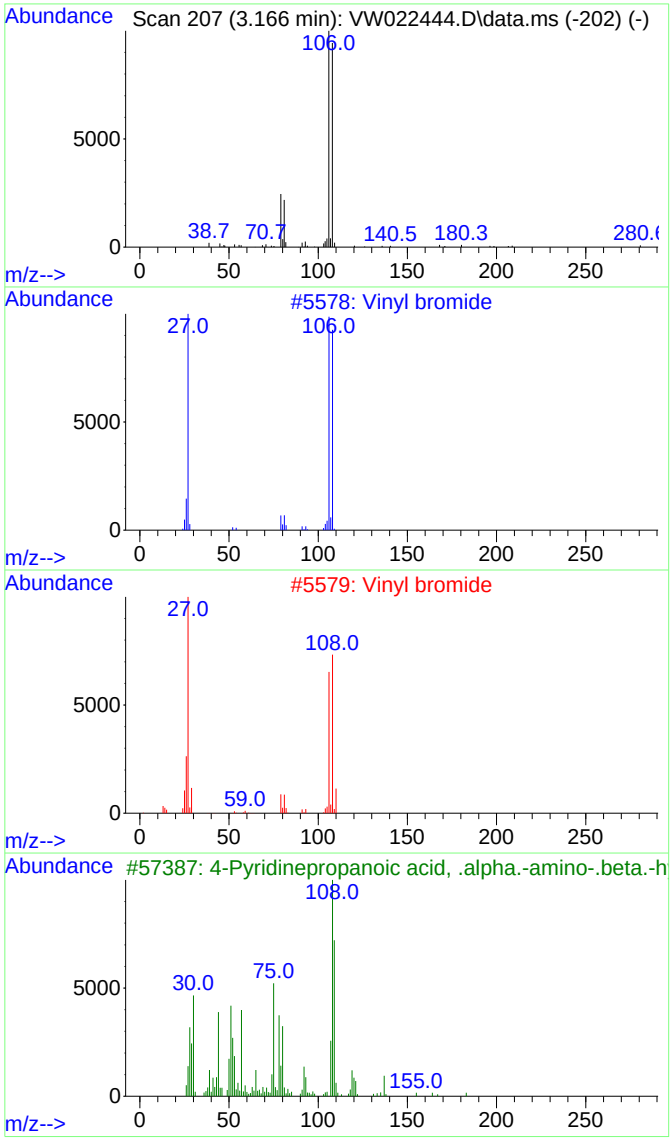
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

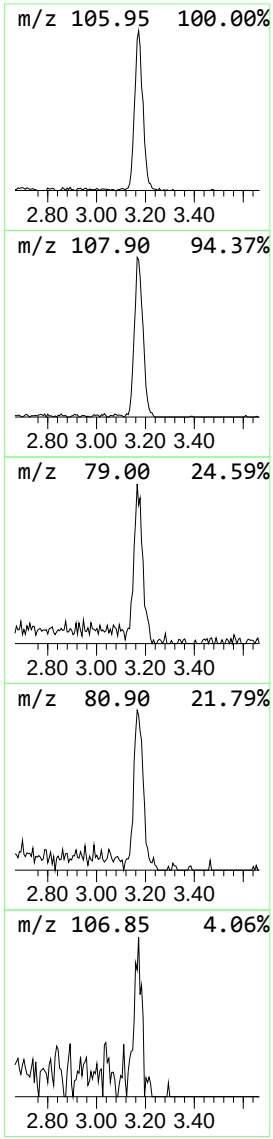
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Vinyl bromide Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.166	2.66 ug/L	105740	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl bromide	106	C2H3Br	000593-60-2	80
2	Vinyl bromide	106	C2H3Br	000593-60-2	72
3	4-Pyridinepropanoic acid, .alpha...	182	C8H10N2O3	111610-35-6	12
4	2-Pyridinamine, 6-methyl-	108	C6H8N2	001824-81-3	9
5	2-Pyridinamine, 4-methyl-	108	C6H8N2	000695-34-1	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

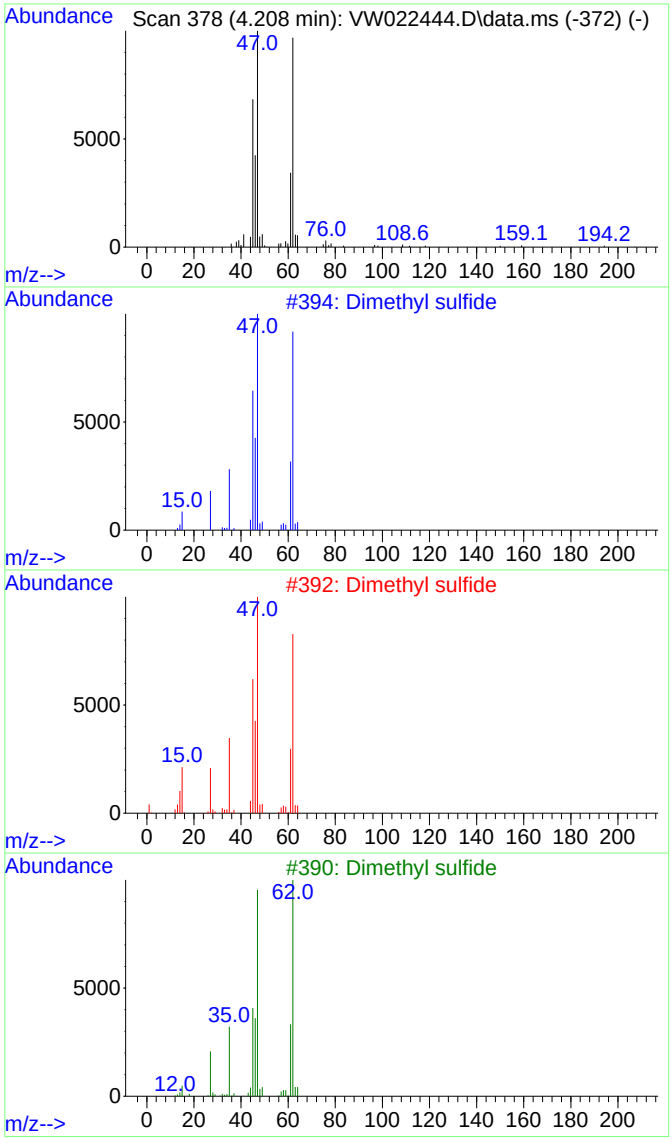
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

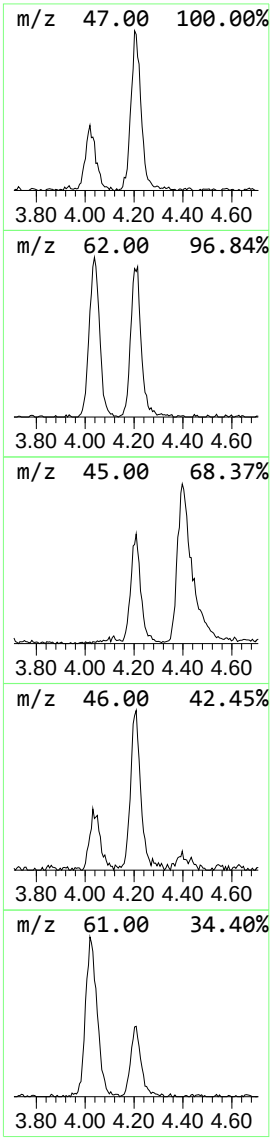
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dimethyl sulfide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	3.36 ug/L	133761	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





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

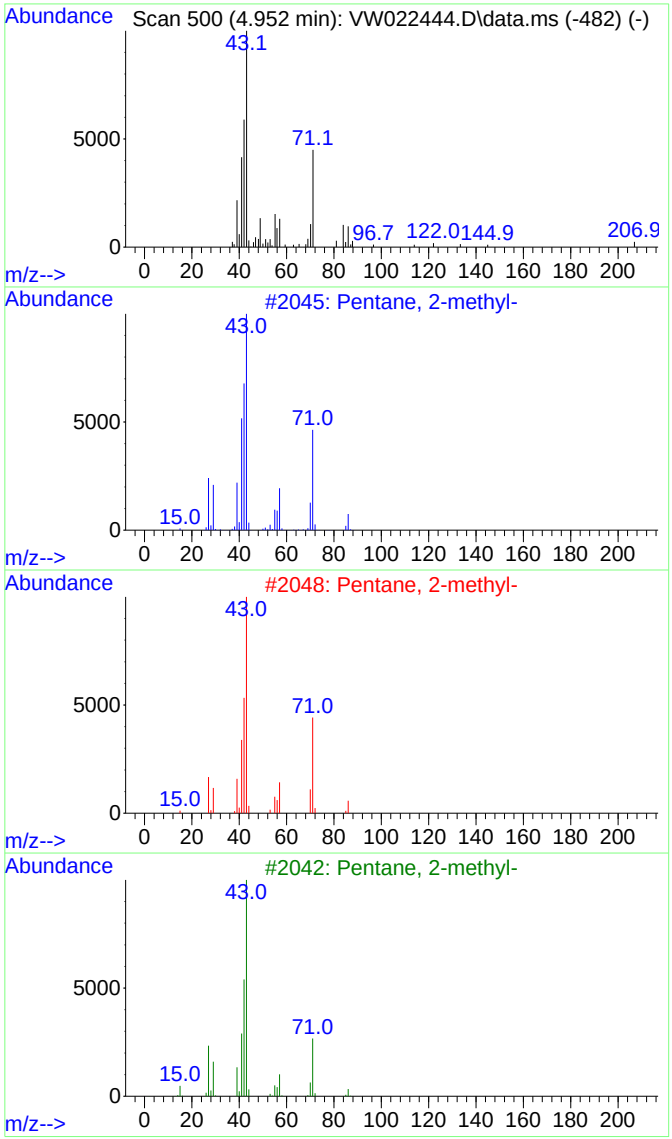
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

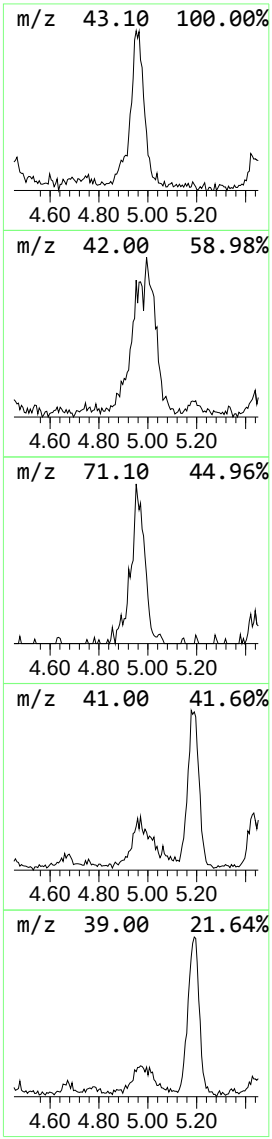
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.952	2.12 ug/L	84563	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	68
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

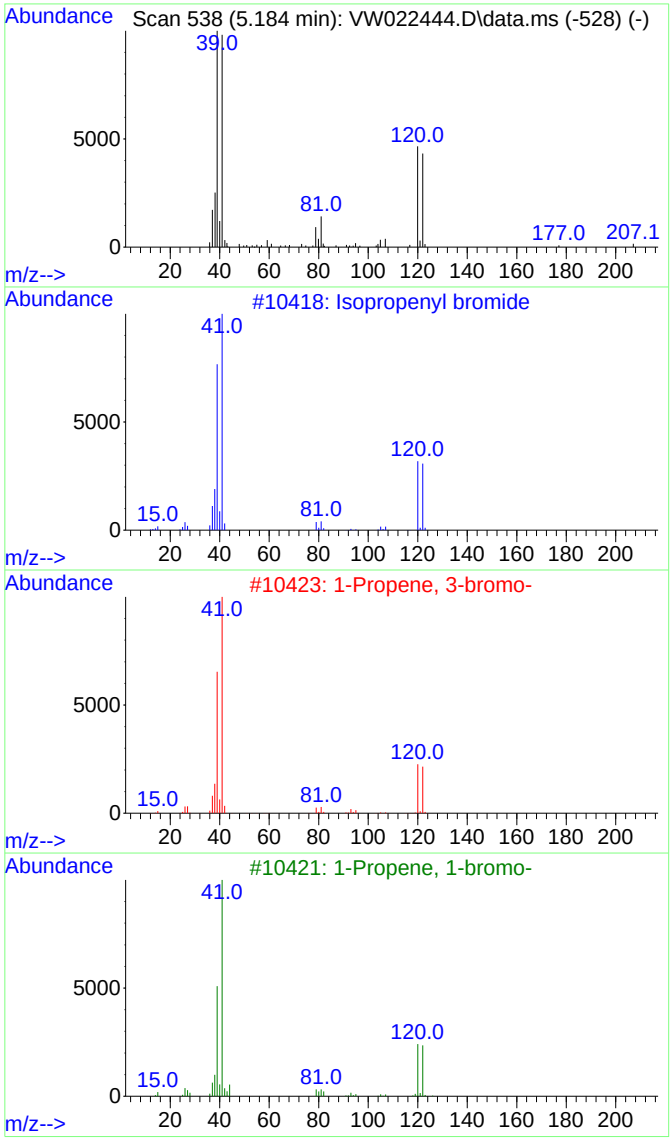
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

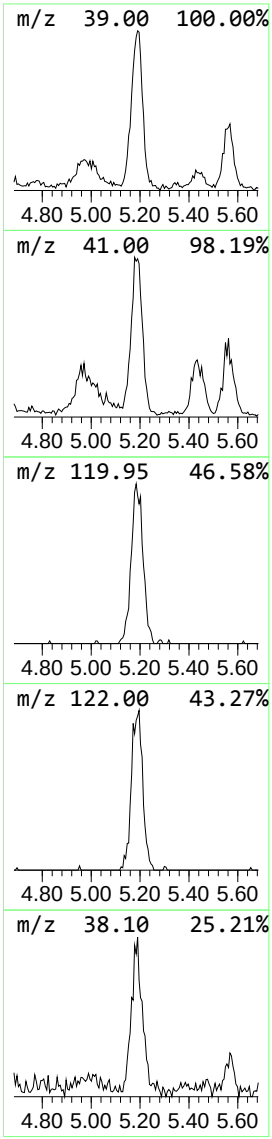
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Isopropenyl bromide Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.184	2.61 ug/L	104031	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
2	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90
3	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	83
4	Isopropenyl bromide	120	C3H5Br	000557-93-7	80
5	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

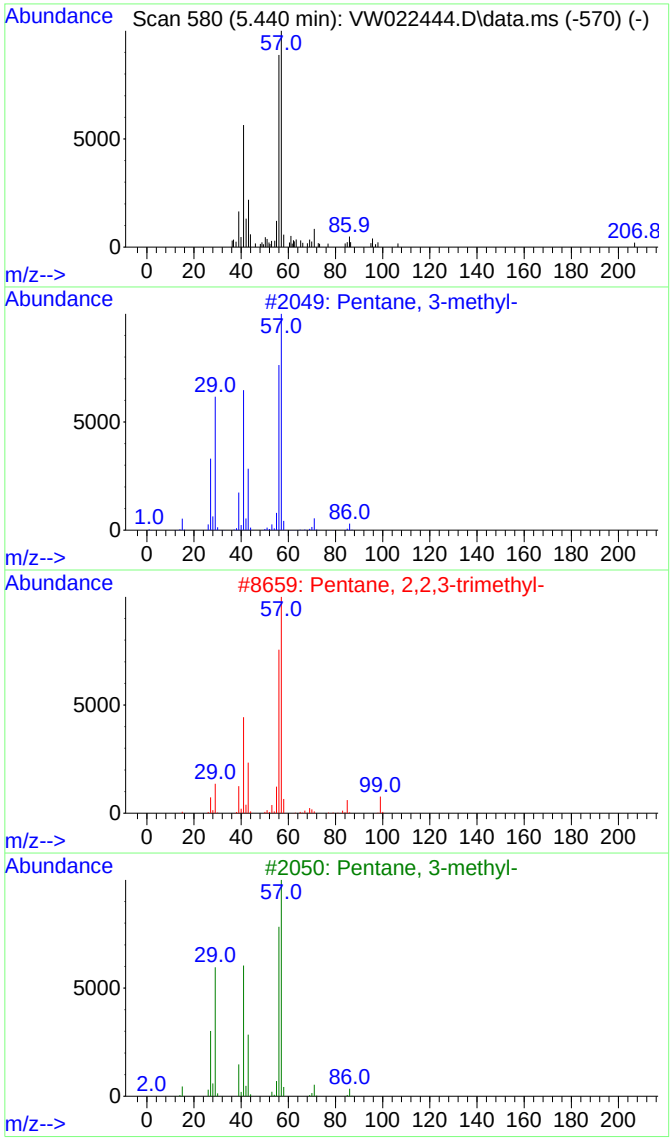
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

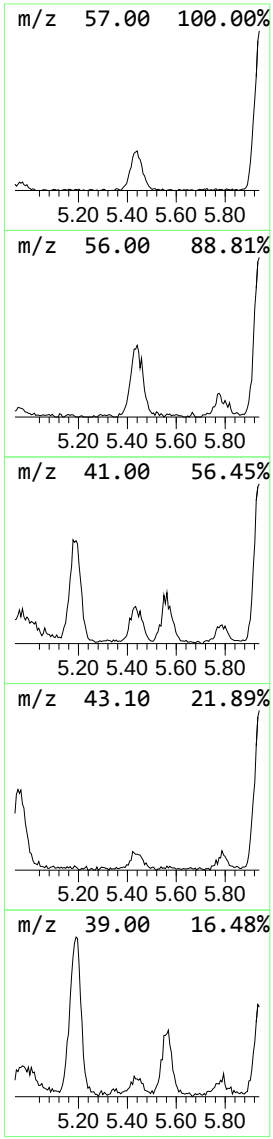
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	1.35 ug/L	53756	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	47
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	45





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Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

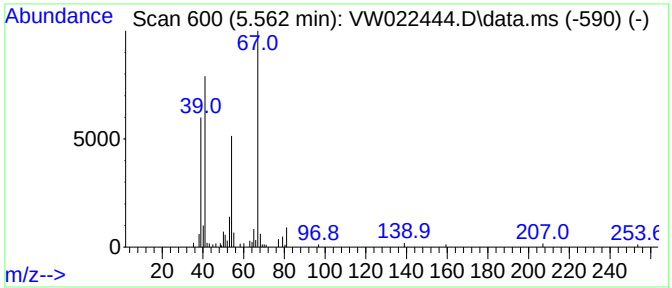
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

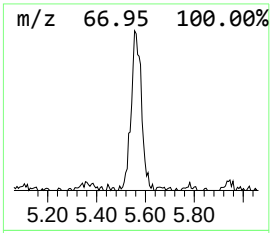
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

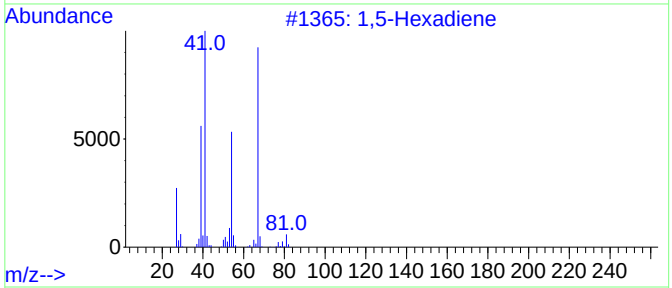
****
Peak Number 7 1,5-Hexadiene Concentration Rank 32

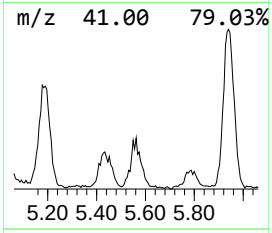
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.562	1.47 ug/L	58532	1,4-Difluorobenzene	8.842

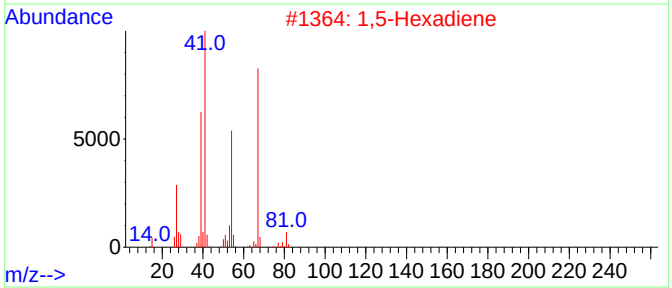
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	83
2	1,5-Hexadiene	82	C6H10	000592-42-7	83
3	1,5-Hexadiene	82	C6H10	000592-42-7	83
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	64
5	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	59

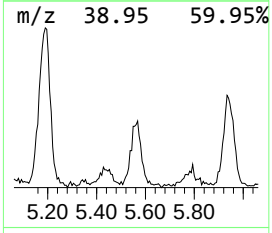


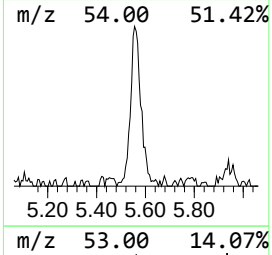


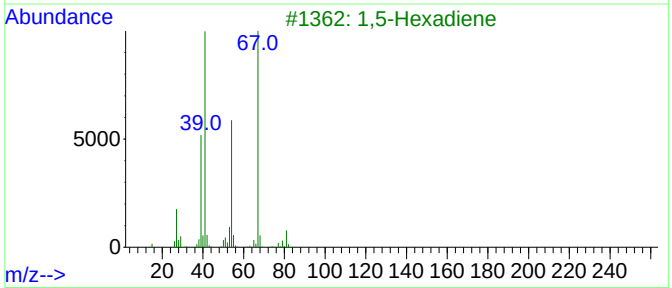


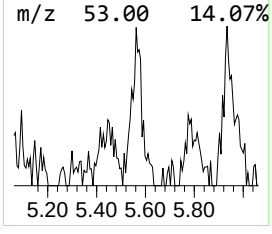












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

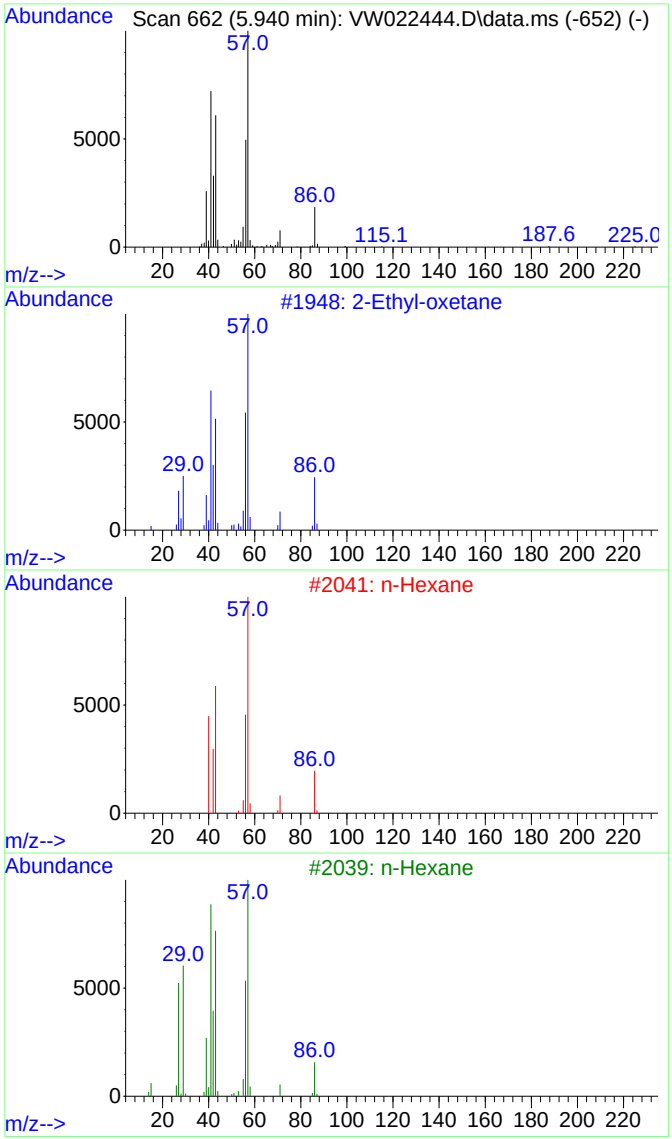
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

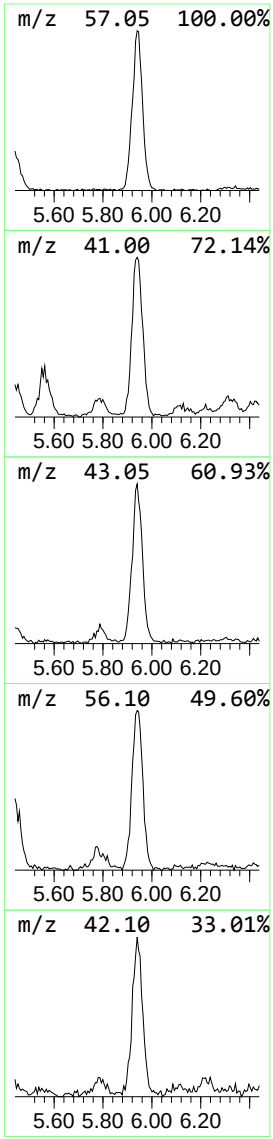
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Ethyl-oxetane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	5.25 ug/L	209115	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	80
4	n-Hexane	86	C6H14	000110-54-3	78
5	n-Hexane	86	C6H14	000110-54-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

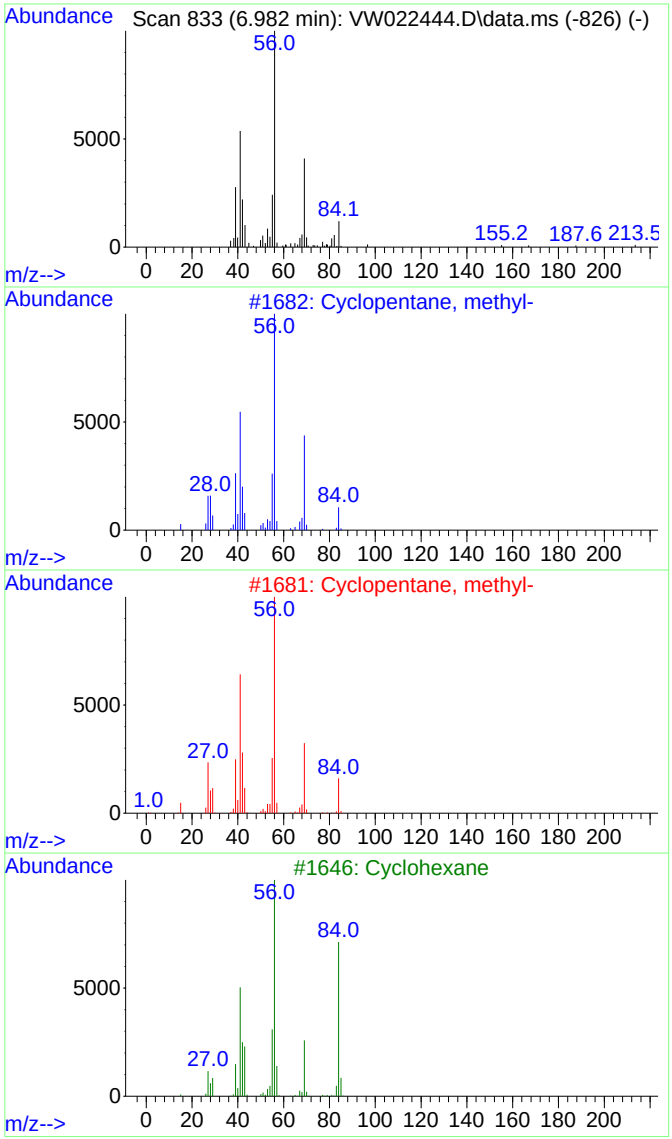
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

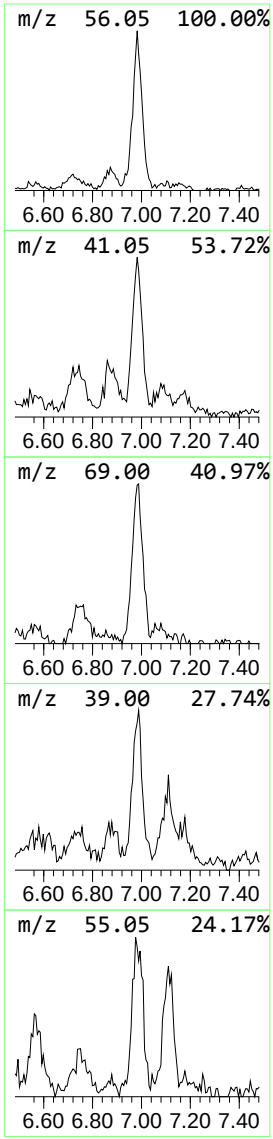
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic6.982 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	2.10 ug/L	83589	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

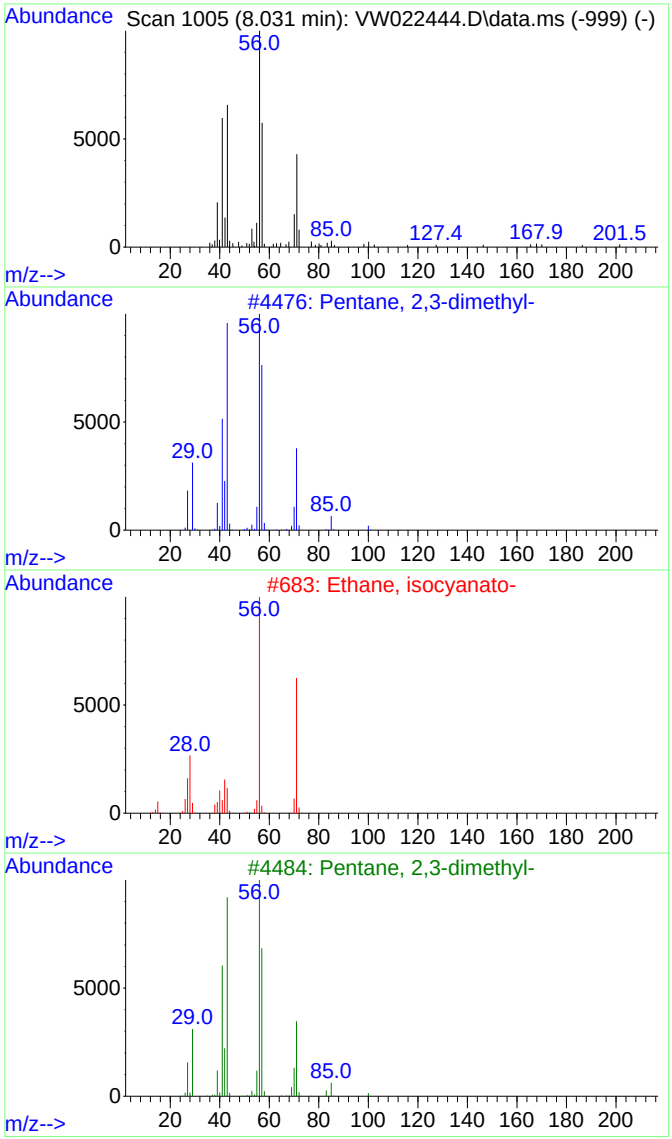
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

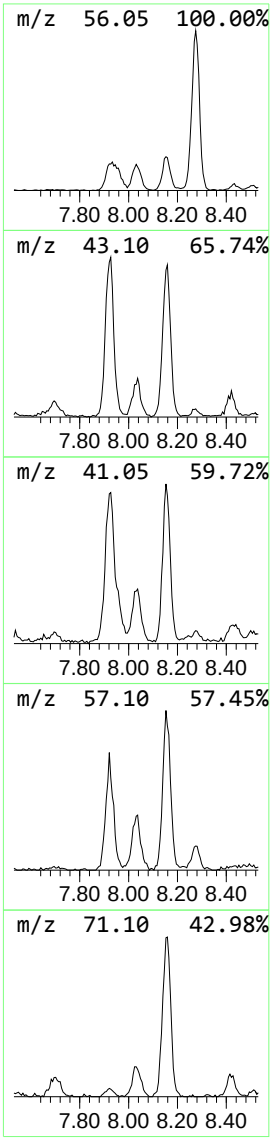
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	1.82 ug/L	72455	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Ethane, isocyanato-	71	C3H5NO	000109-90-0	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	50
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50





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Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

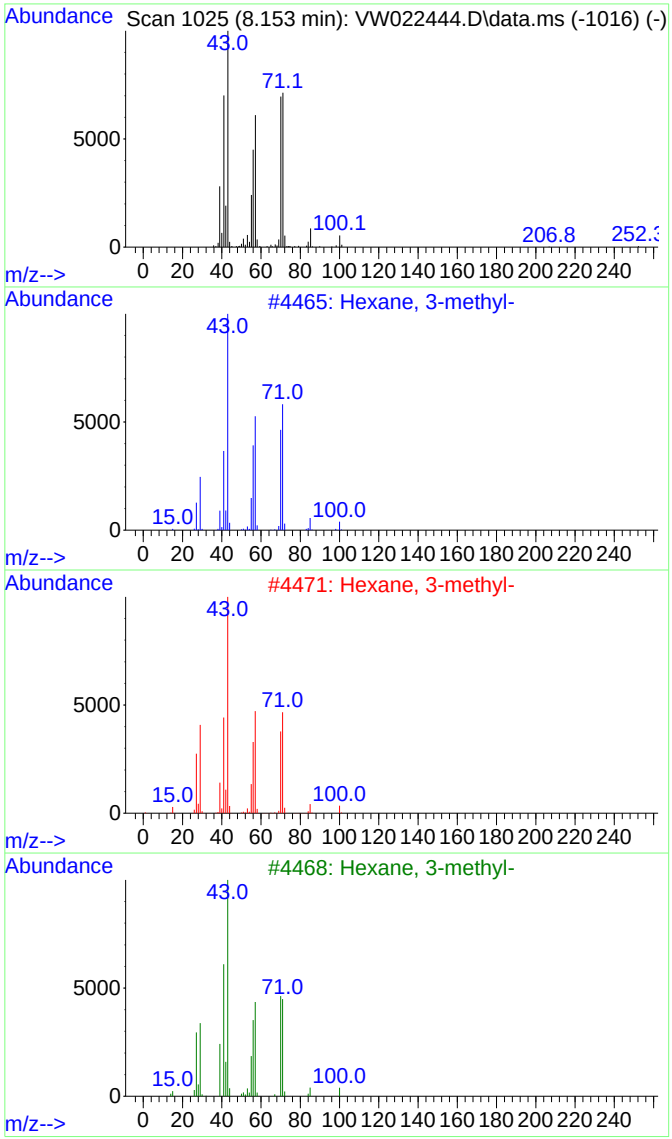
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

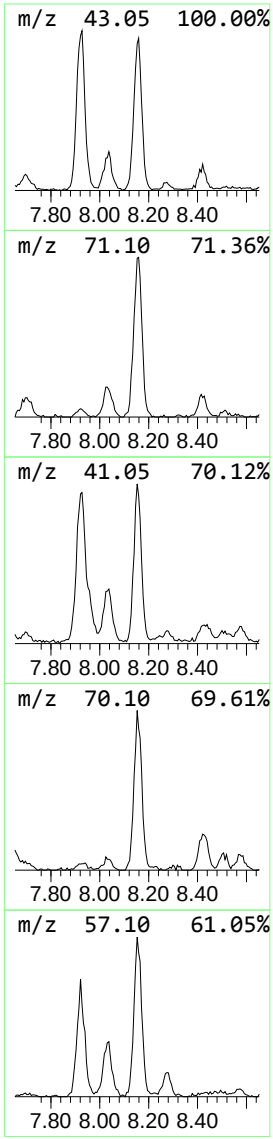
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	5.54 ug/L	220793	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Hexyl octyl ether	214	C14H30O	017071-54-4	59





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Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

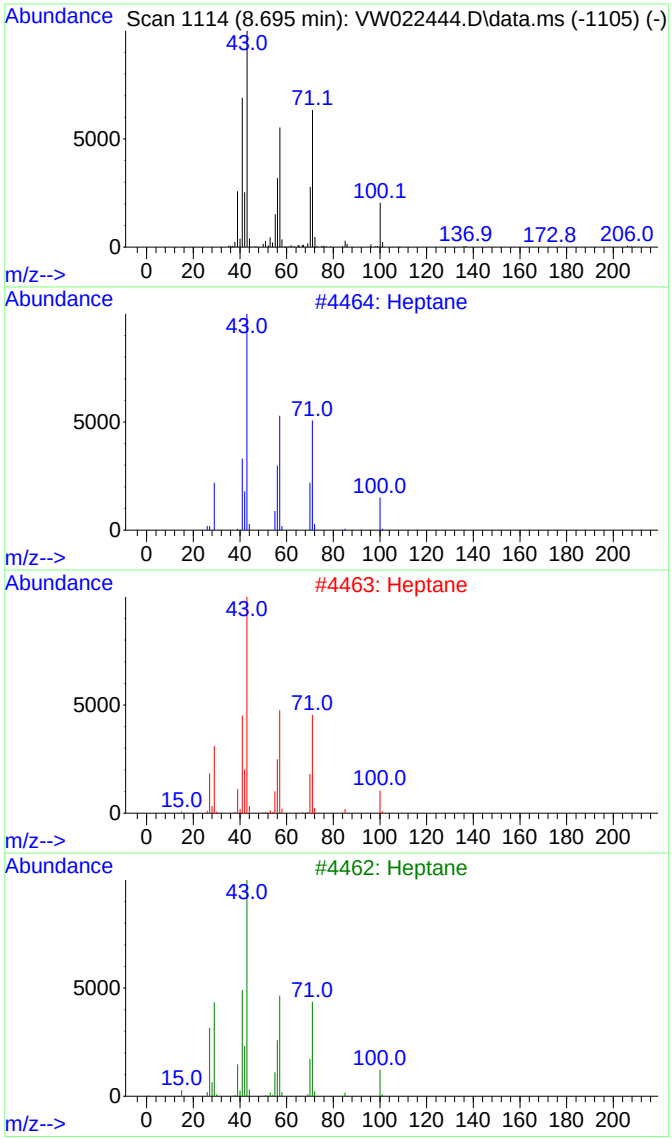
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

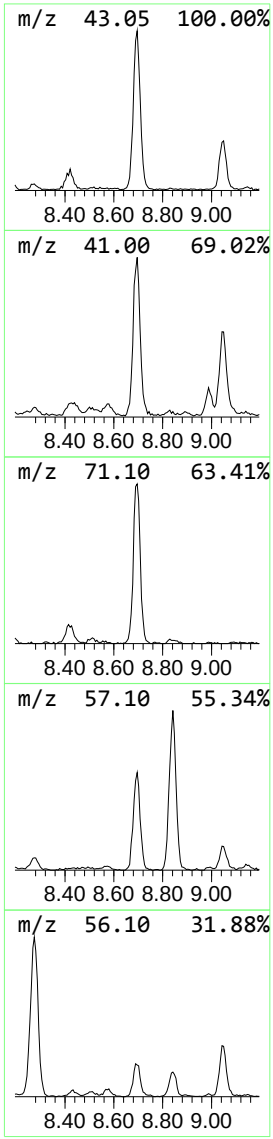
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	5.93 ug/L	236221	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	62
4	Heptane	100	C7H16	000142-82-5	58
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

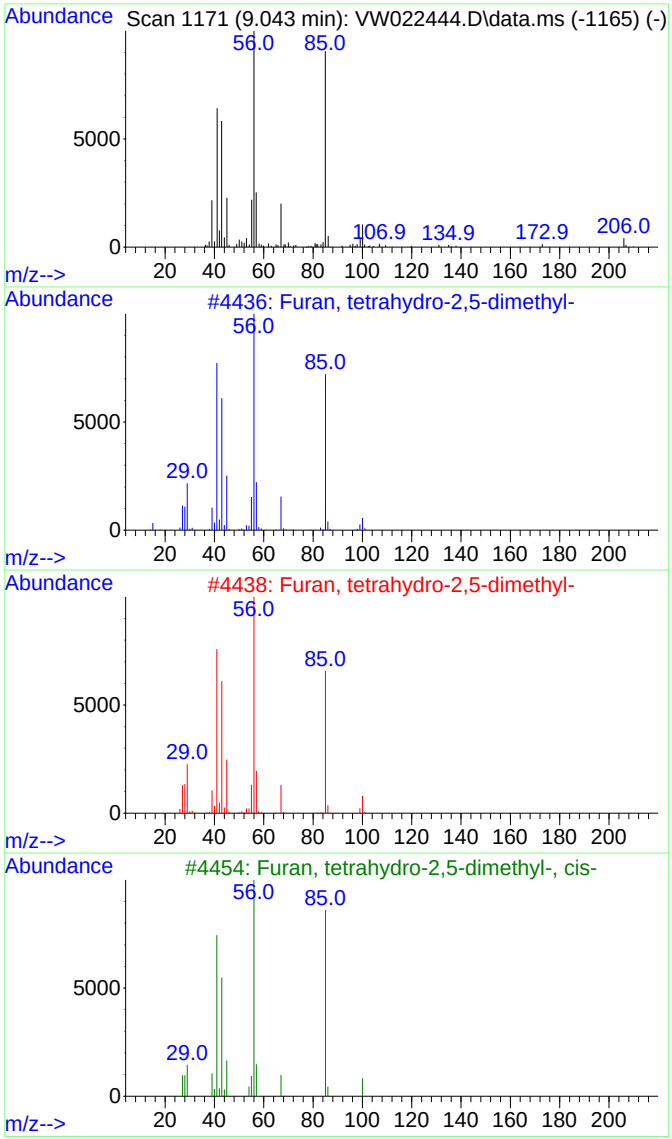
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

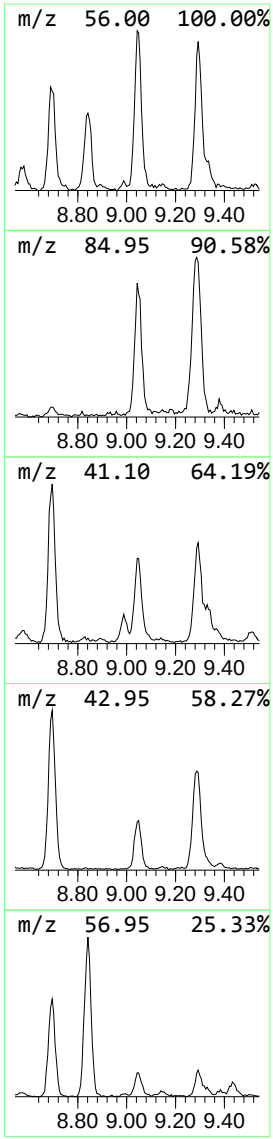
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Furan, tetrahydro-2,5-dimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.043	3.65 ug/L	145498	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	91
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	86
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	76
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

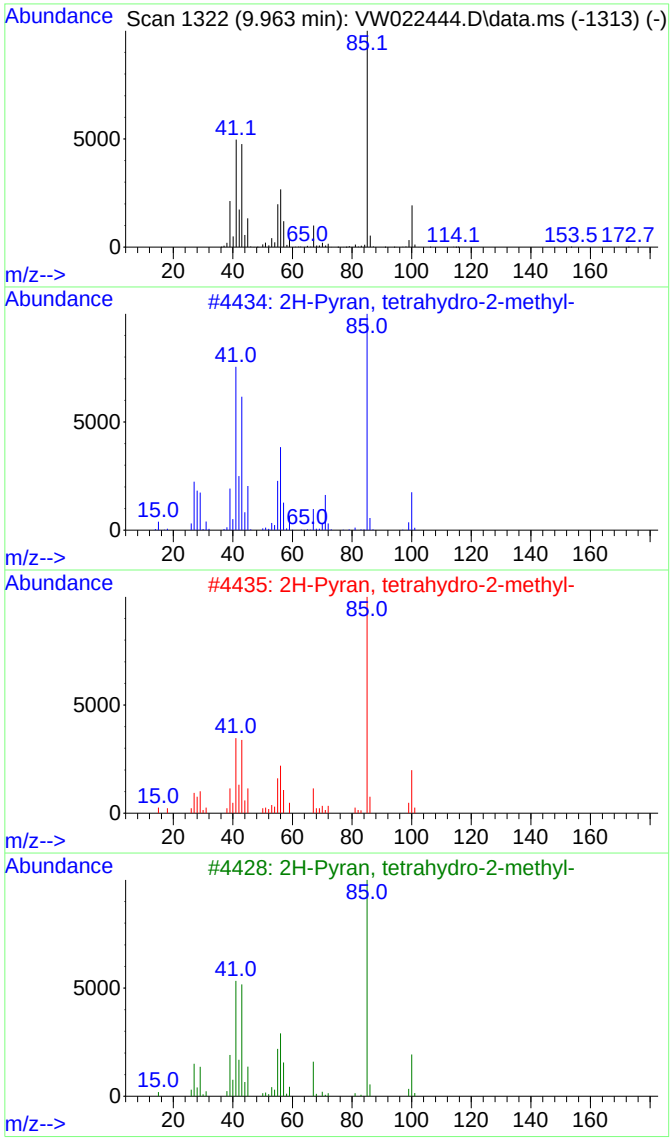
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

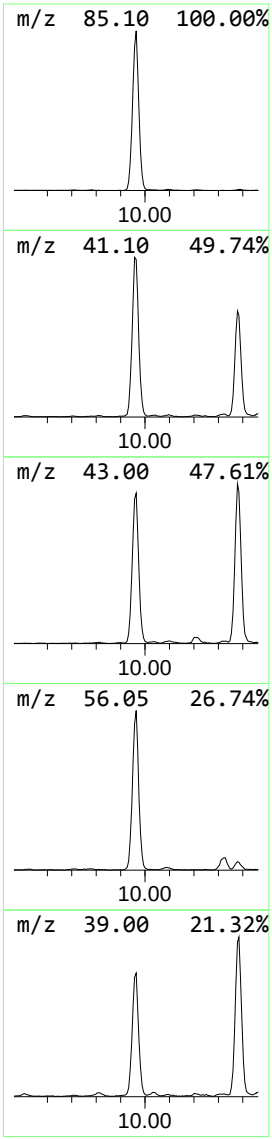
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	47.59 ug/L	1895290	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	86
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
4	cis-1-Methoxy-3-methyl-1-butene	100	C6H12O	1000139-44-1	53
5	4-Methoxy-3-buten-2-one	100	C5H8O2	004652-27-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

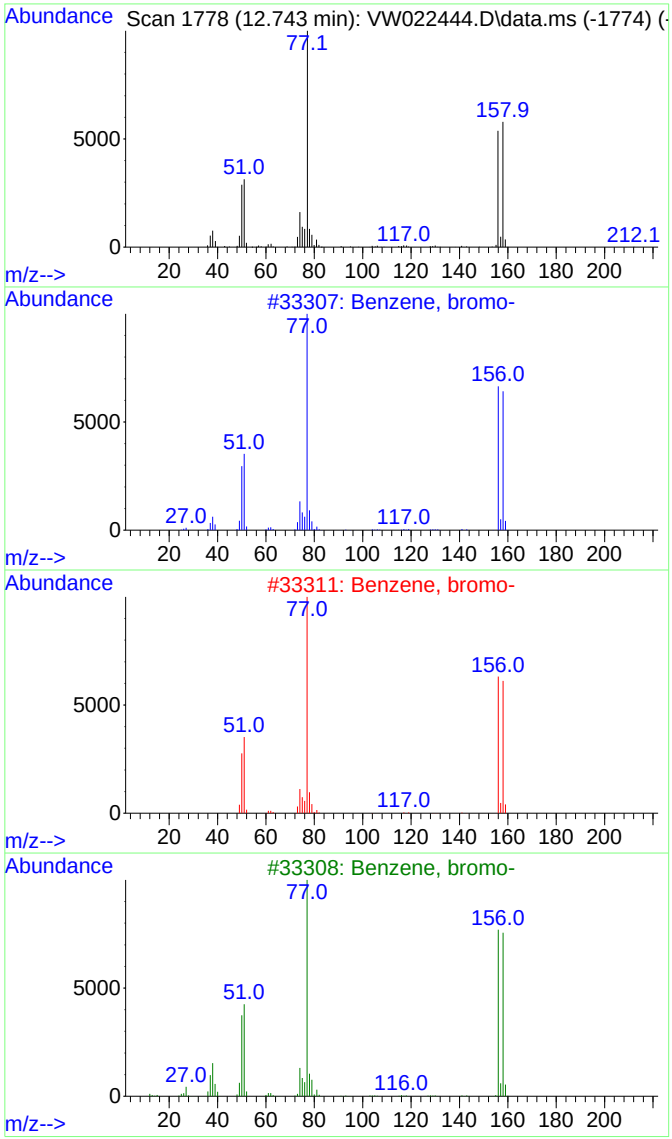
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

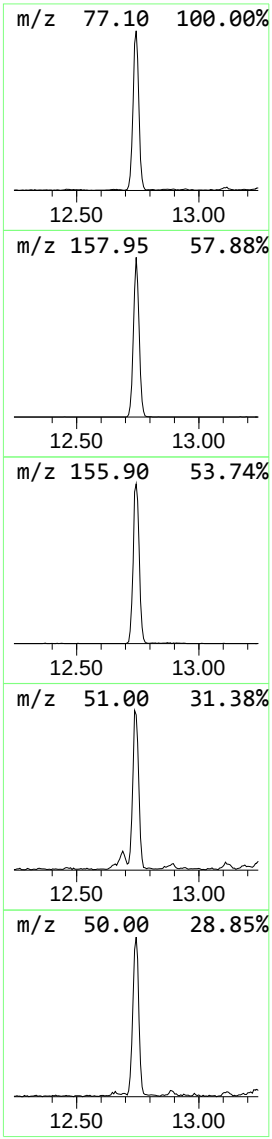
****

Peak Number 16 Benzene, bromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	8.45 ug/L	470904	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	96
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	95
4	Benzene, bromo-	156	C6H5Br	000108-86-1	94
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

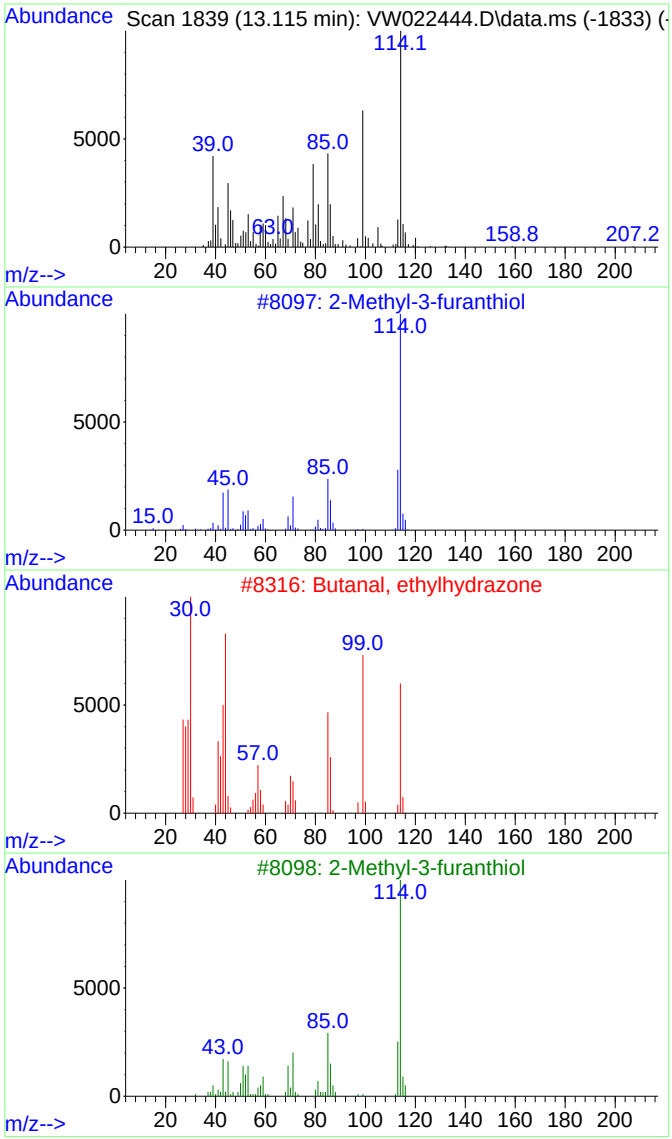
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

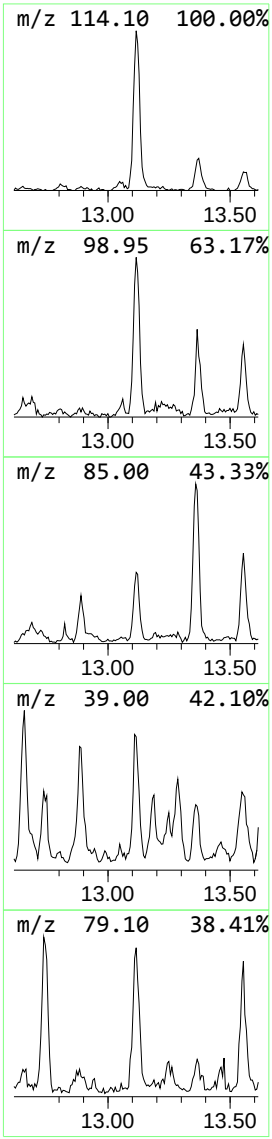
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	2.84 ug/L	158070	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	43
2	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	43
3	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	38
4	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	35
5	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

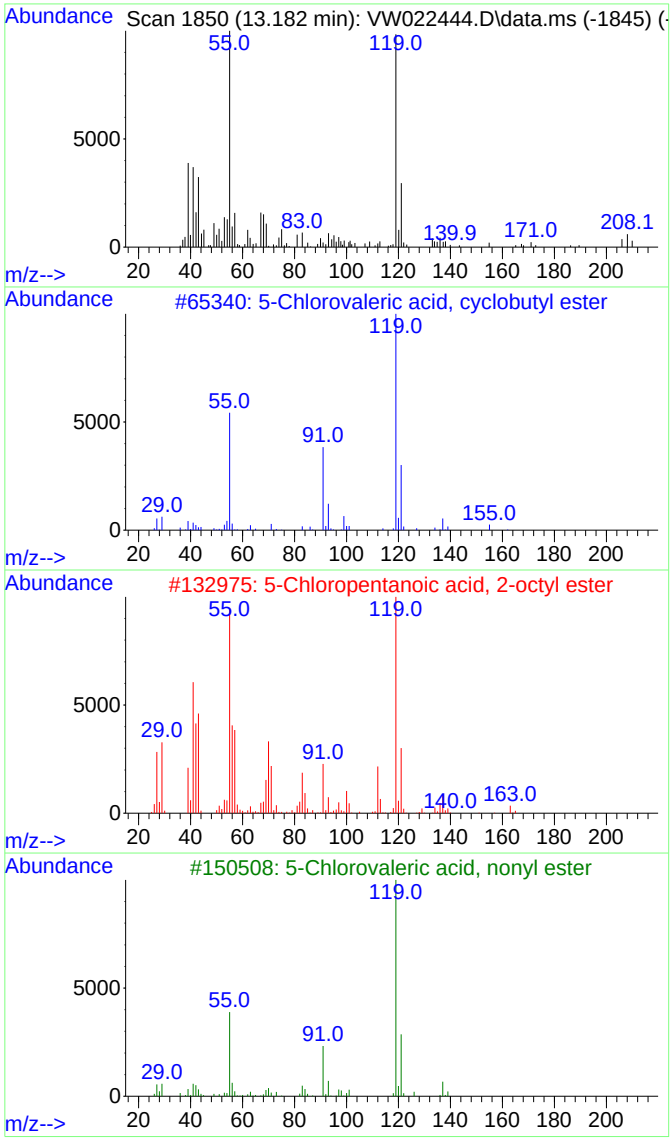
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

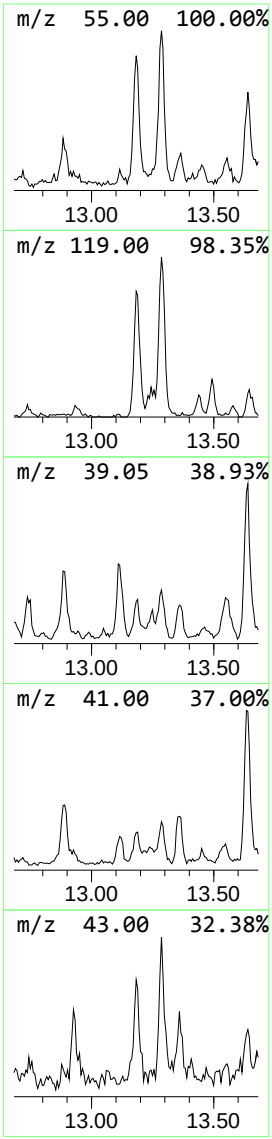
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.182	1.77 ug/L	98824	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chlorovaleric acid, cyclobutyl...	190	C9H15ClO2	1000292-24-1	47
2	5-Chloropentanoic acid, 2-octyl ...	248	C13H25ClO2	1010293-37-7	47
3	5-Chlorovaleric acid, nonyl ester	262	C14H27ClO2	052893-18-2	47
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	43
5	Benzene, isocyanato-	119	C7H5NO	000103-71-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

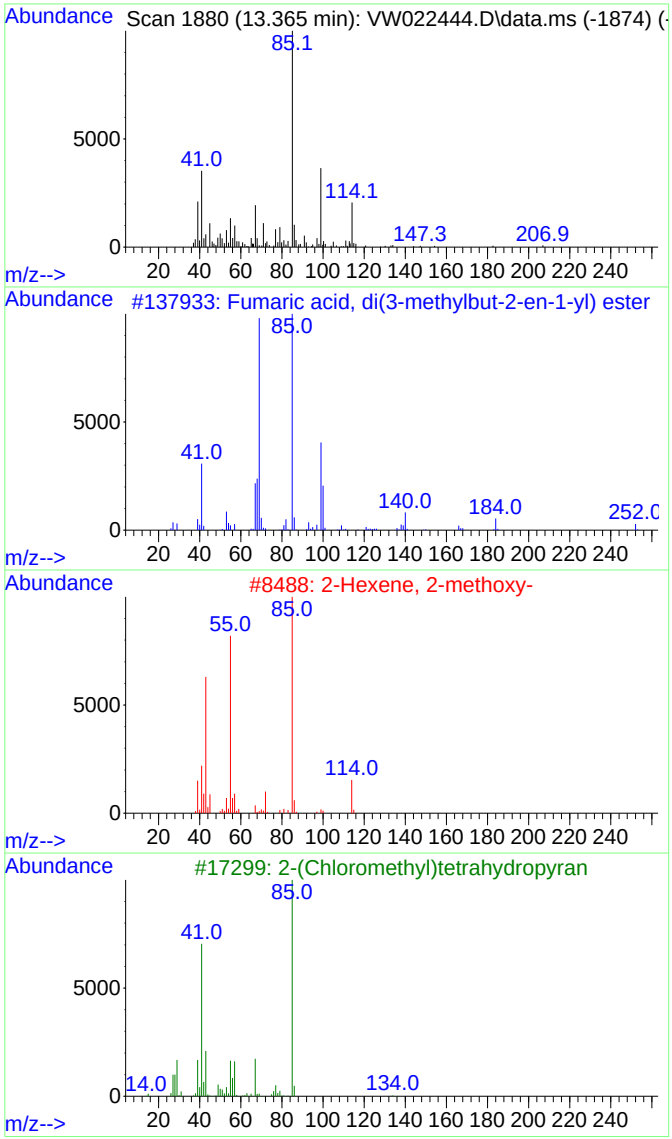
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

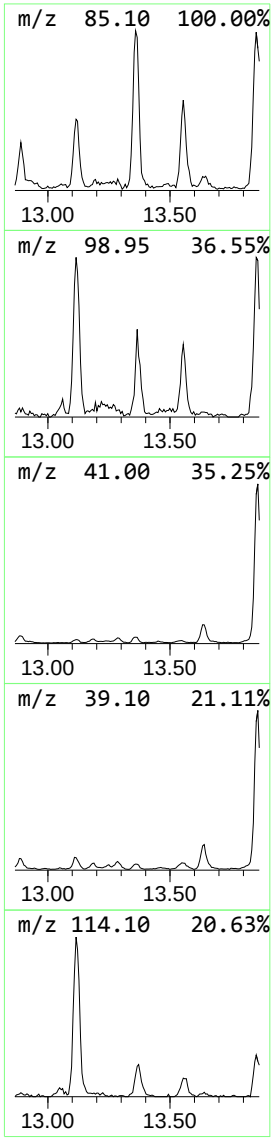
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fumaric acid, di(3-methylbu... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	1.53 ug/L	85213	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, di(3-methylbut-2-e...	252	C14H20O4	1010345-26-5	59
2	2-Hexene, 2-methoxy-	114	C7H14O	061142-45-8	52
3	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	50
4	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	50
5	5,6-Epoxyhexanol-1	116	C6H12O2	021915-57-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

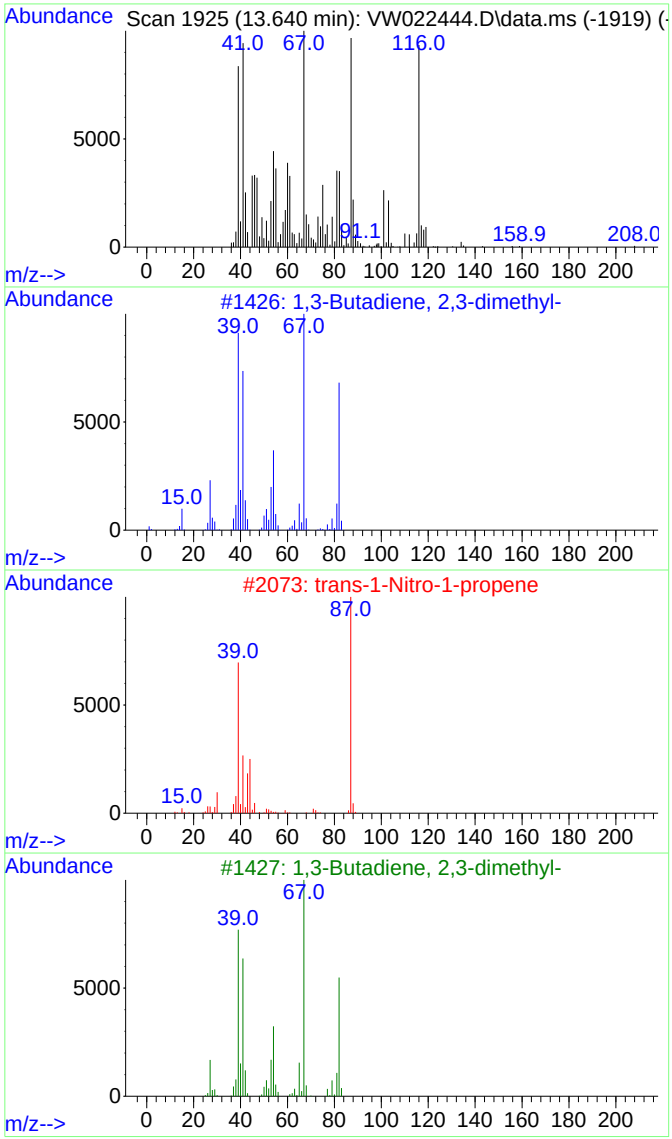
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

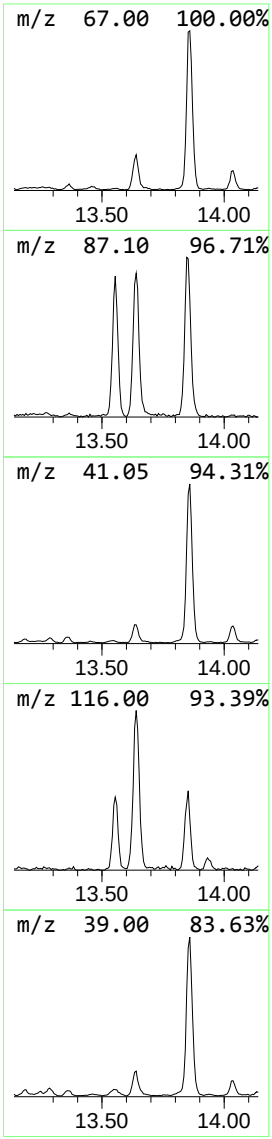
****

Peak Number 20 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	5.57 ug/L	310255	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	46
2	trans-1-Nitro-1-propene	87	C3H5NO2	017082-05-2	46
3	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43
5	Thiepane	116	C6H12S	004753-80-4	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

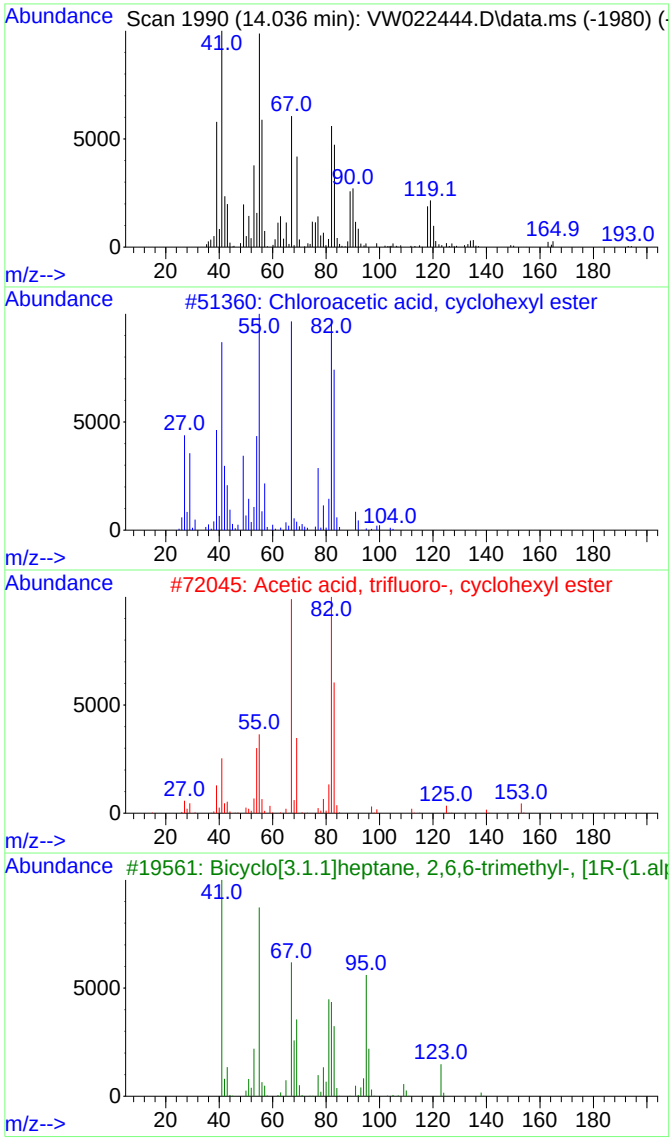
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

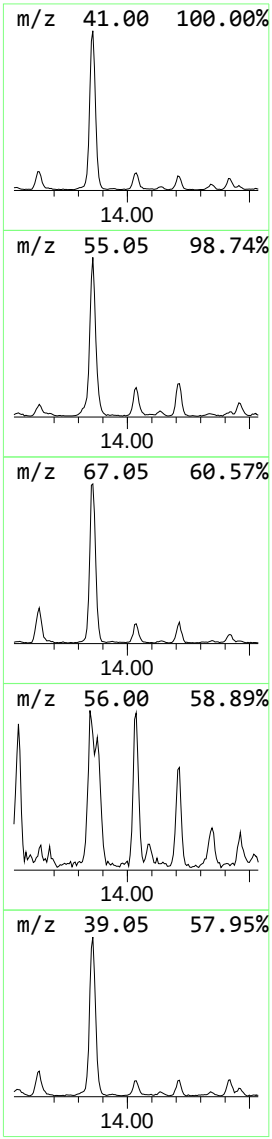
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	3.78 ug/L	210292	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, cyclohexyl ester	176	C8H13ClO2	006975-91-3	37
2	Acetic acid, trifluoro-, cyclohe...	196	C8H11F3O2	001549-45-7	22
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	22
4	2,2,6,6,-Tetramethylcyclohexanone	154	C10H18O	001195-93-3	22
5	Chloroacetic acid, 6-chlorohexyl...	212	C8H14Cl2O2	1000330-85-5	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

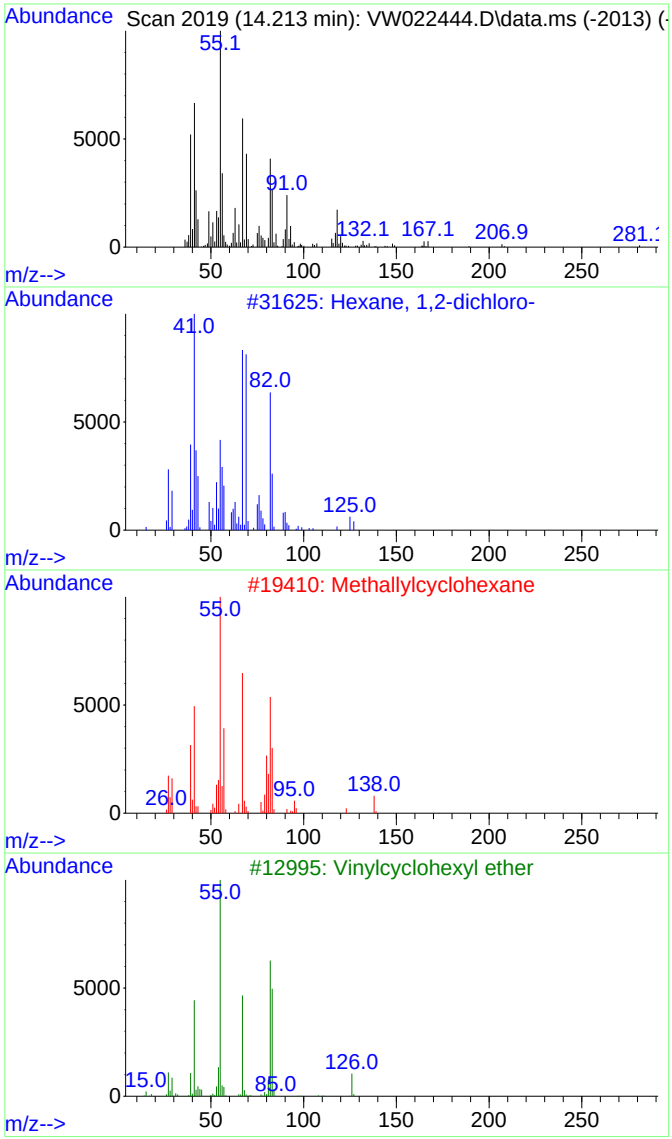
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

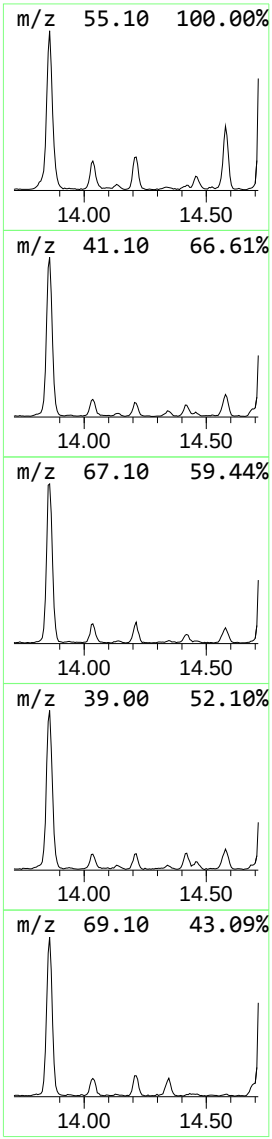
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Hexane, 1,2-dichloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	2.99 ug/L	166286	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dichloro-	154	C6H12Cl2	002162-92-7	53
2	Methallylcyclohexane	138	C10H18	003990-93-0	50
3	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	43
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	38
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

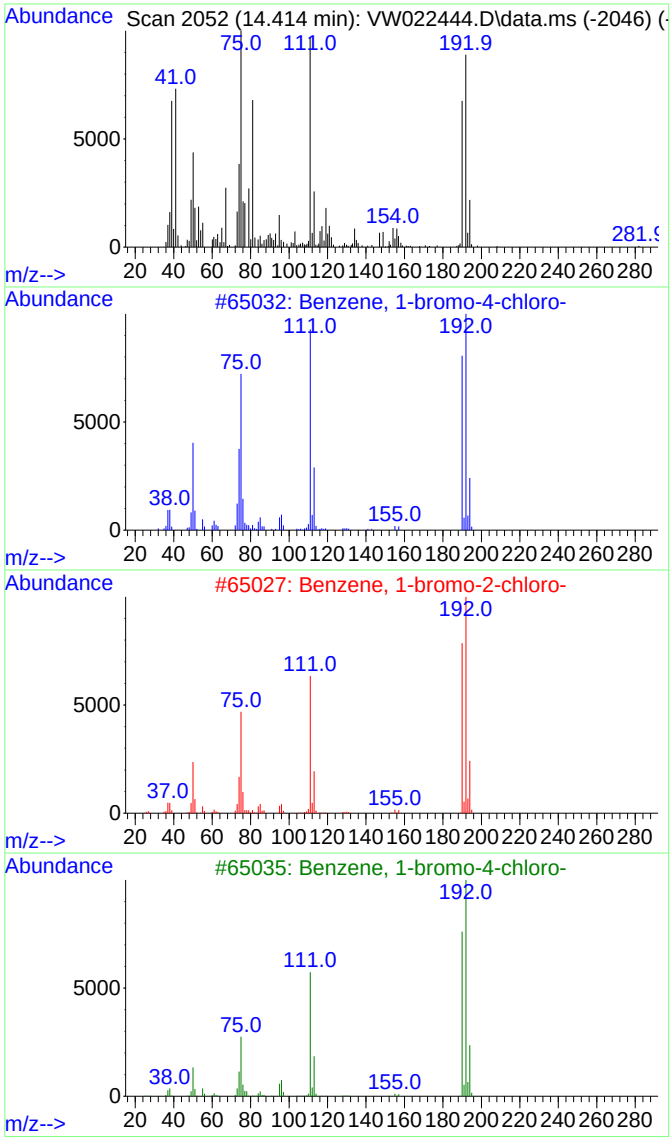
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

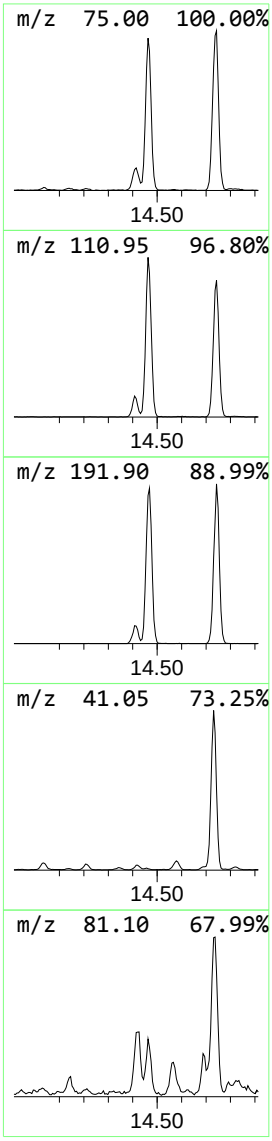
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-bromo-4-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	4.26 ug/L	237123	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	93
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	90
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	89
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	70
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

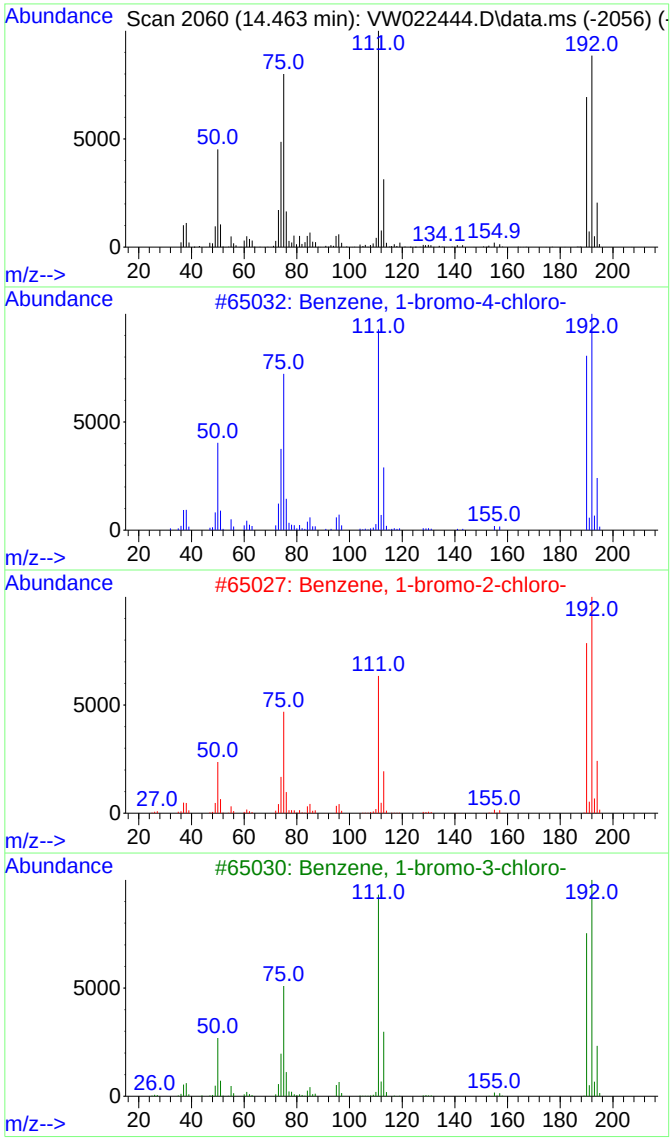
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

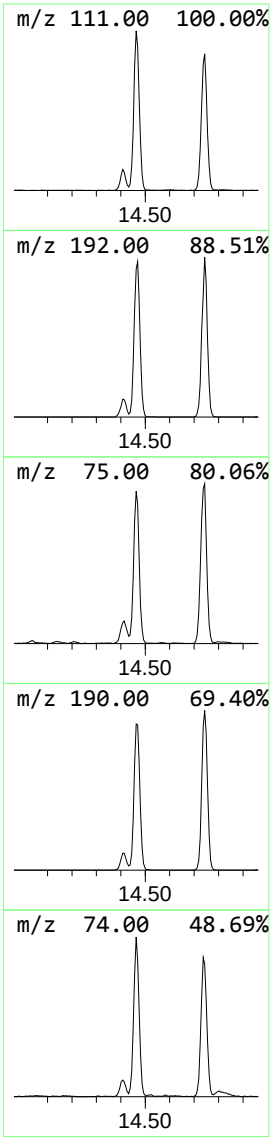
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	18.49 ug/L	1029660	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

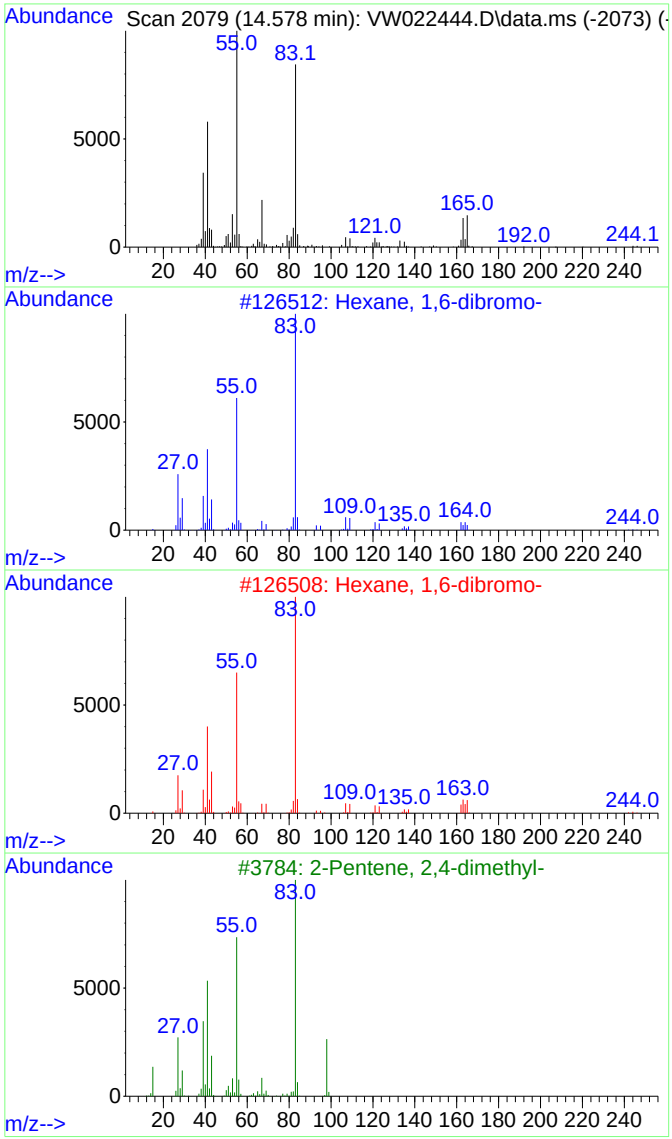
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

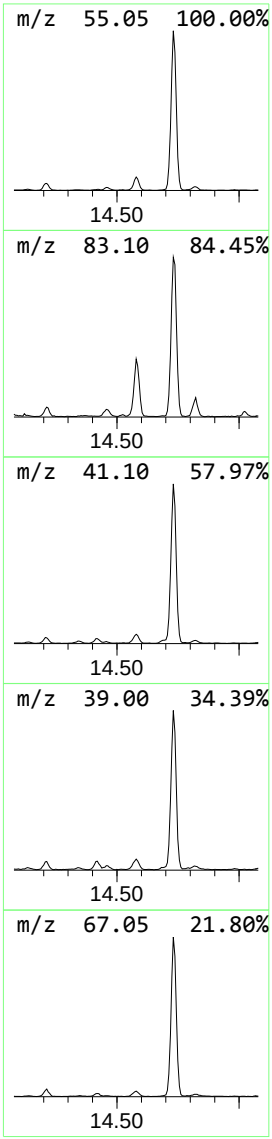
****

Peak Number 25 Hexane, 1,6-dibromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.578	3.66 ug/L	203992	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	76
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	68
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53
4	Cyclopentane acetic acid hydrazide	142	C7H14N2O	020287-25-6	53
5	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

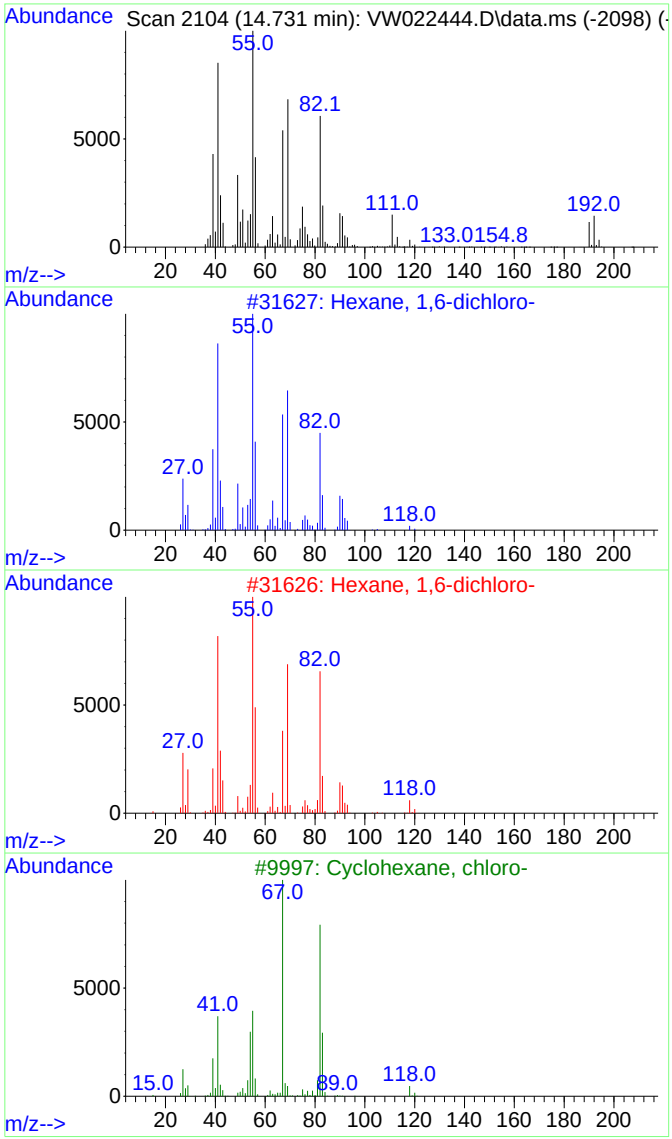
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

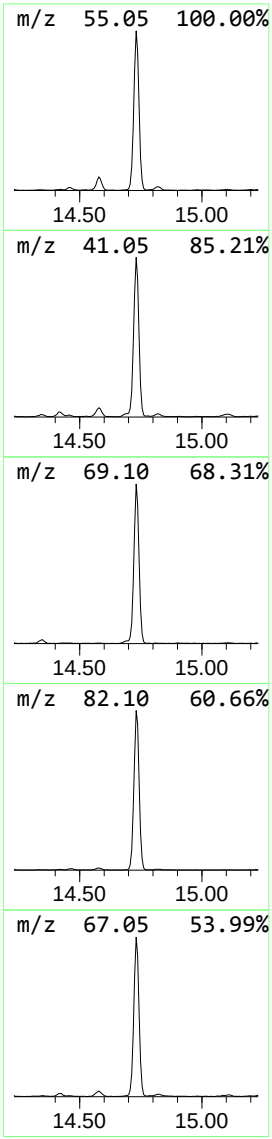
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Hexane, 1,6-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	77.00 ug/L	4288930	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	83
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	38
3	Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	30
4	Fumaric acid, cis-hex-3-enyl pen...	408	C25H44O4	1000348-87-0	27
5	Fumaric acid, cis-hex-3-enyl hex...	422	C26H46O4	1000348-87-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

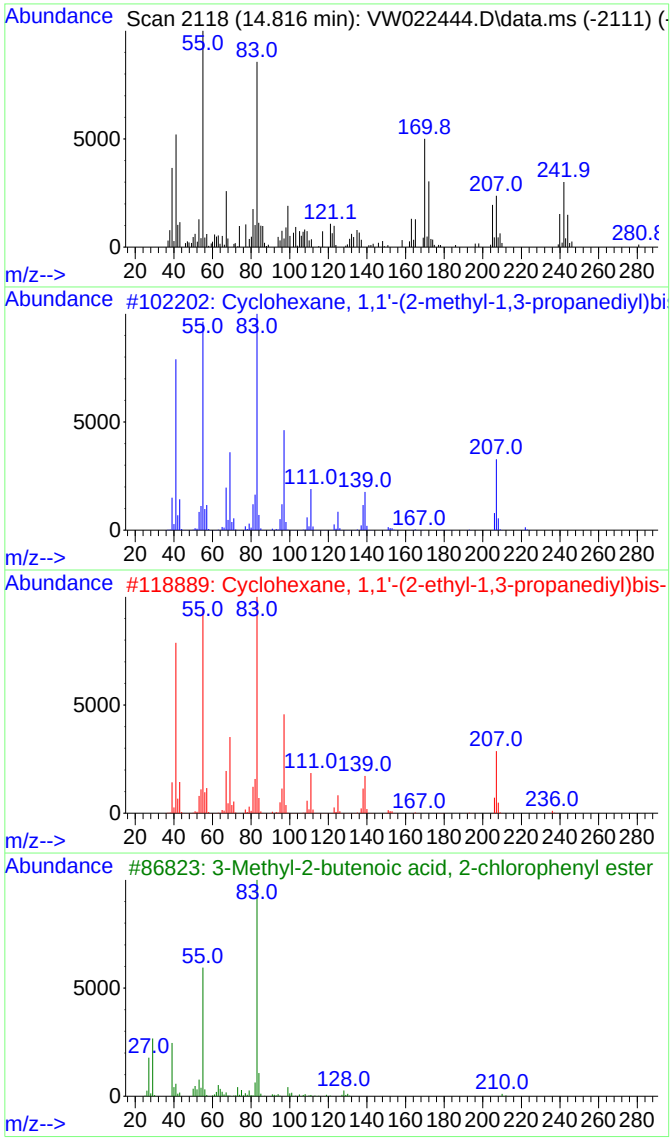
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

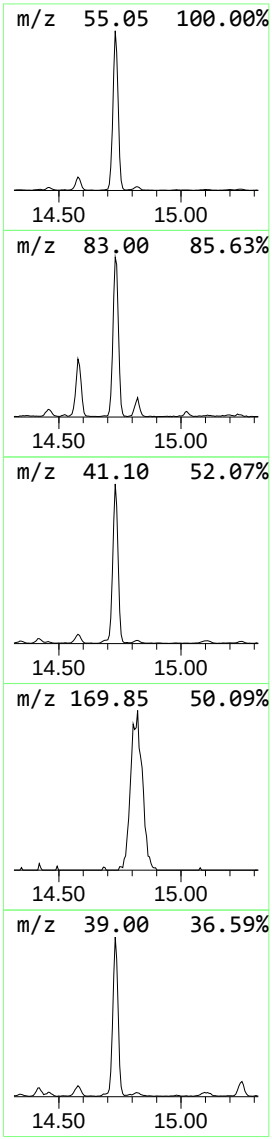
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	4.30 ug/L	239551	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	27
2	Cyclohexane, 1,1'-(2-ethyl-1,3-p...	236	C17H32	054833-34-0	27
3	3-Methyl-2-butenoic acid, 2-chlo...	210	C11H11ClO2	142337-52-8	25
4	5-[3,4-Dichlorophenyl]-1,2,4-tri...	240	C9H6Cl2N4	1000213-66-2	22
5	5-Oxa-6-azaspiro[3.4]oct-6-ene	111	C6H9NO	1000362-18-0	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

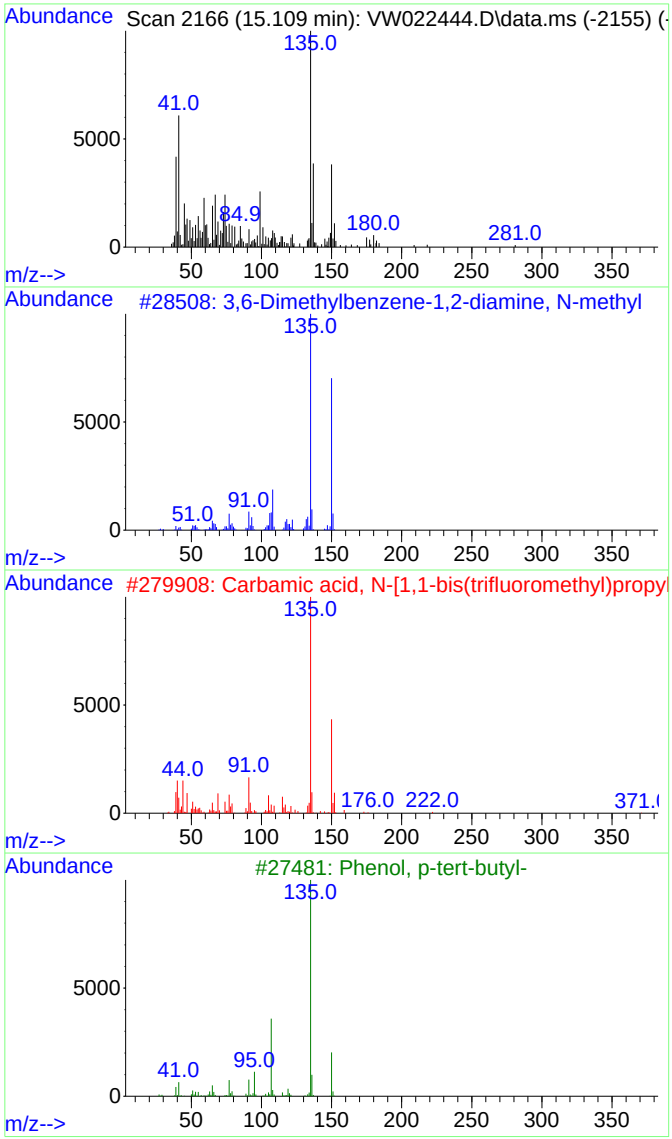
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

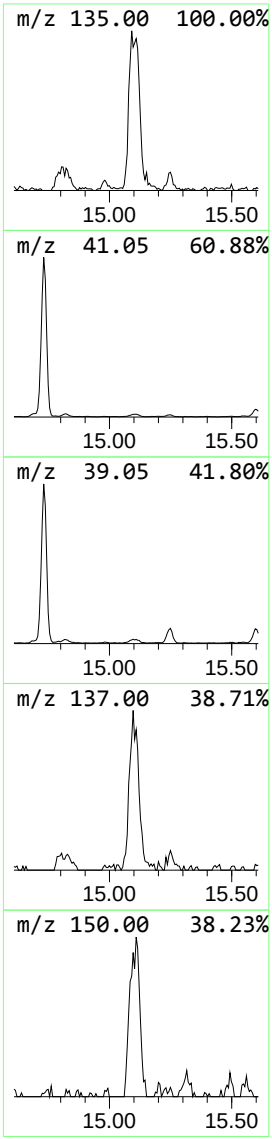
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 3,6-Dimethylbenzene-1,2-dia... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.109	3.39 ug/L	188821	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethylbenzene-1,2-diamine,...	150	C9H14N2	1000499-85-0	50
2	Carbamic acid, N-[1,1-bis(triflu...	371	C16H19F6NO2	294876-60-1	47
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	43
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

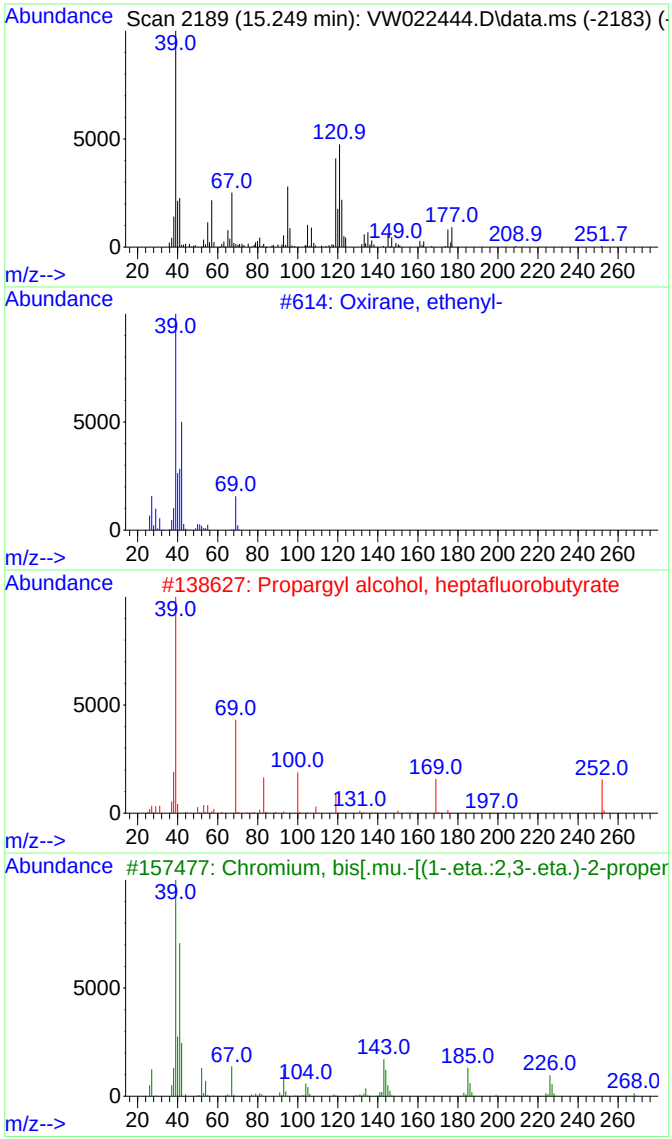
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

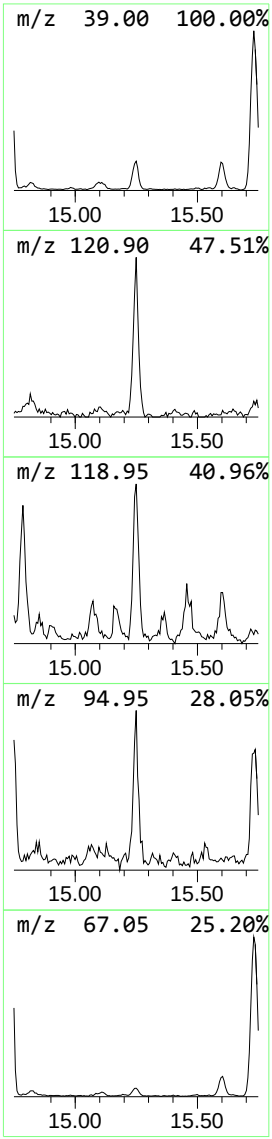
****

Peak Number 29 unknown-06 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	2.15 ug/L	119649	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, ethenyl-	70	C4H6O	000930-22-3	42
2	Propargyl alcohol, heptafluorobu...	252	C7H3F7O2	1000352-28-1	42
3	Chromium, bis[.mu.-[(1-.eta.:2,3...	268	C12H20Cr2	012295-17-9	36
4	1,4-Bis(2-propyn-1-yloxy)benzene	186	C12H10O2	034596-36-6	36
5	Oxirane, ethenyl-	70	C4H6O	000930-22-3	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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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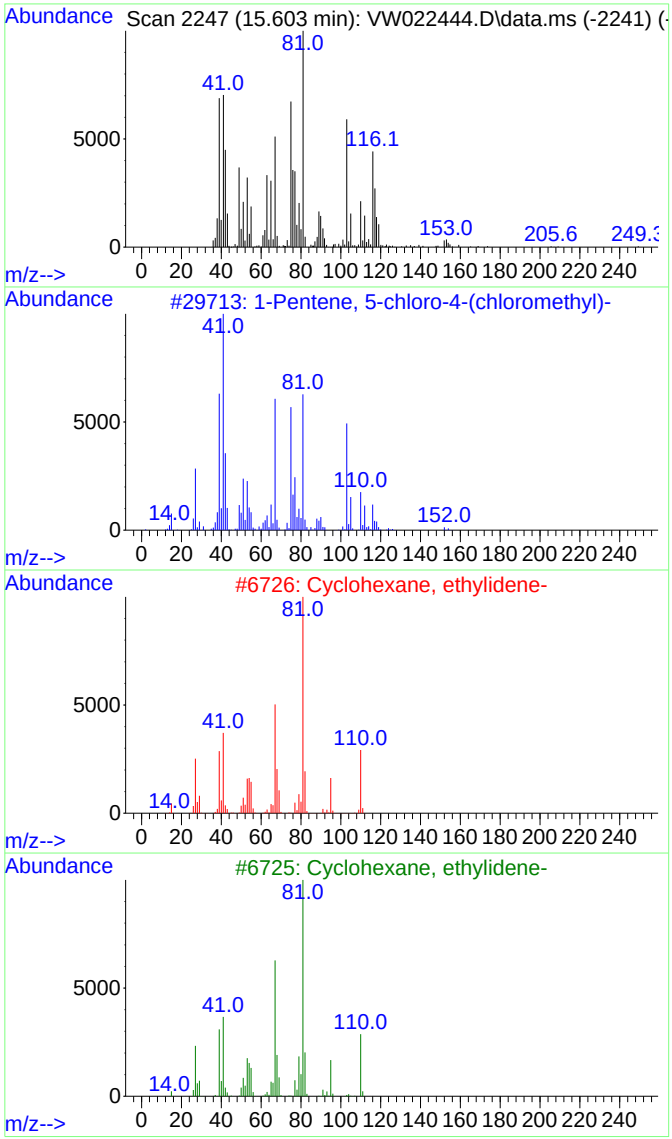
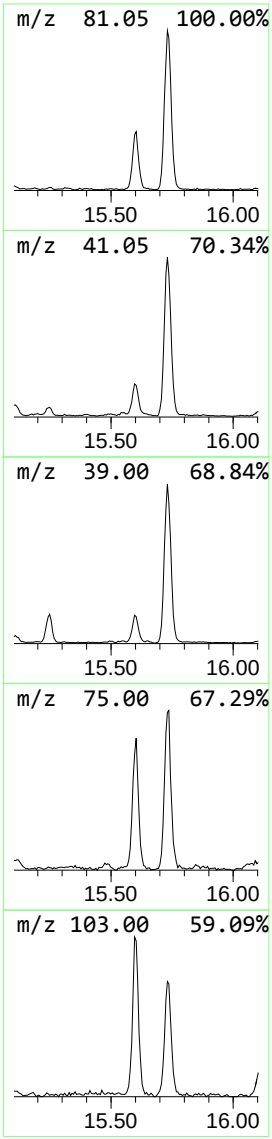
Peak Number 30 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.603	6.52 ug/L	363418	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	38
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	18
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	18
4	1-Heptyne	96	C7H12	000628-71-7	14
5	Cyclohexene, 1-chloro-	116	C6H9Cl	000930-66-5	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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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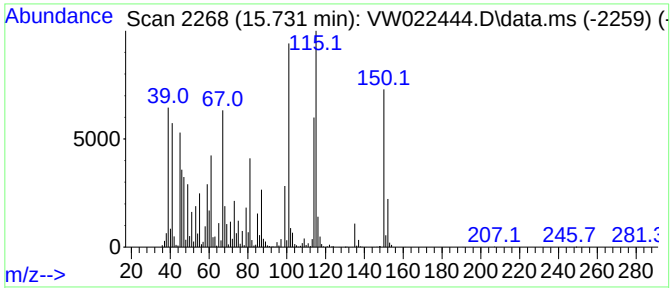
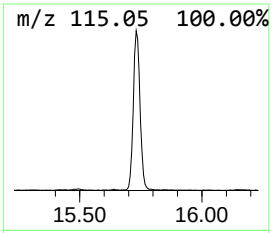
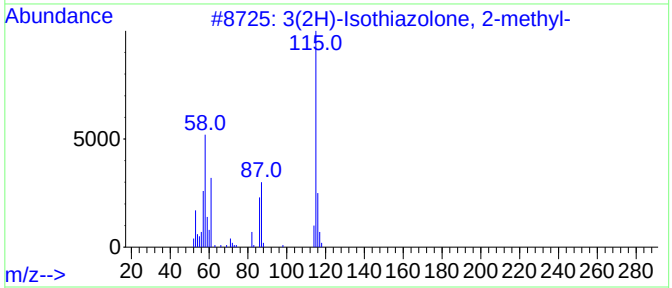
Peak Number 31 unknown-08 Concentration Rank 3

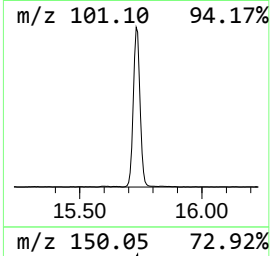
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	48.84 ug/L	2720280	1,4-Dichlorobenzene-d4	13.554

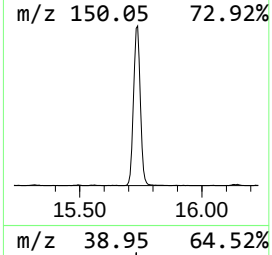
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Isothiazolone, 2-methyl-	115	C4H5NOS	002682-20-4	27
2	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	22
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	14
4	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	14
5	Glutaric acid, 4-methoxy-2-methy...	302	C16H30O5	1000359-41-3	12

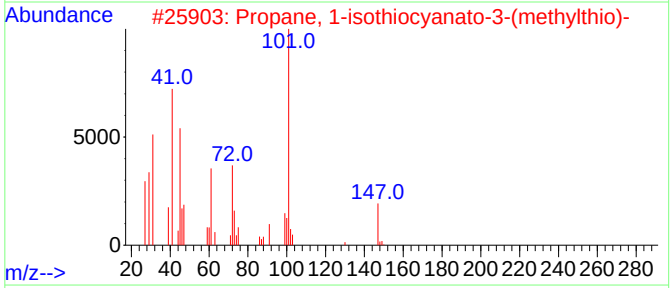


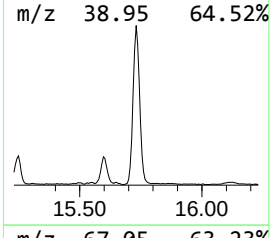


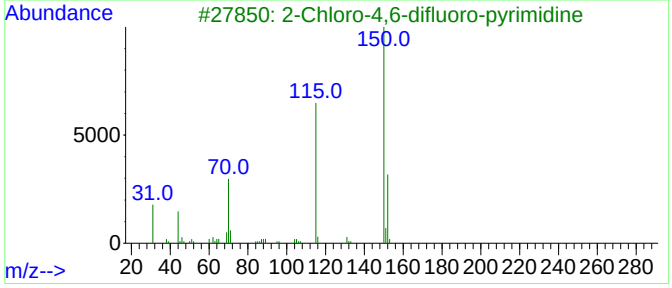


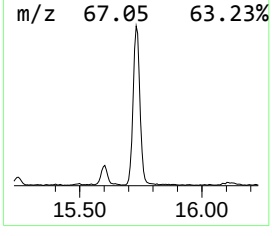












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

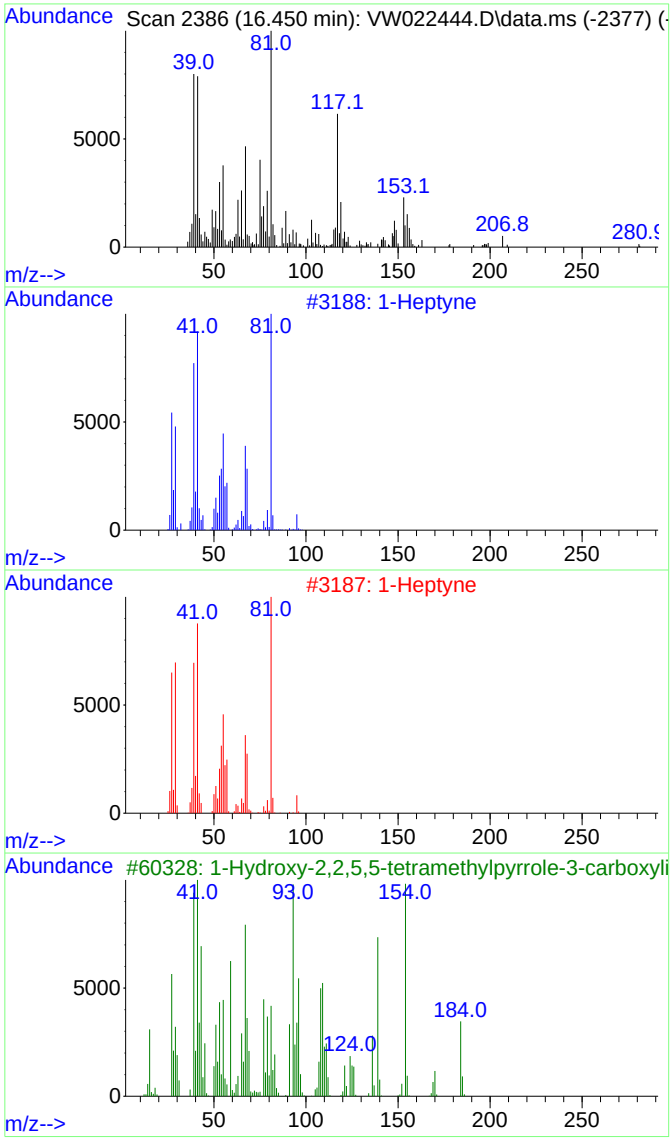
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

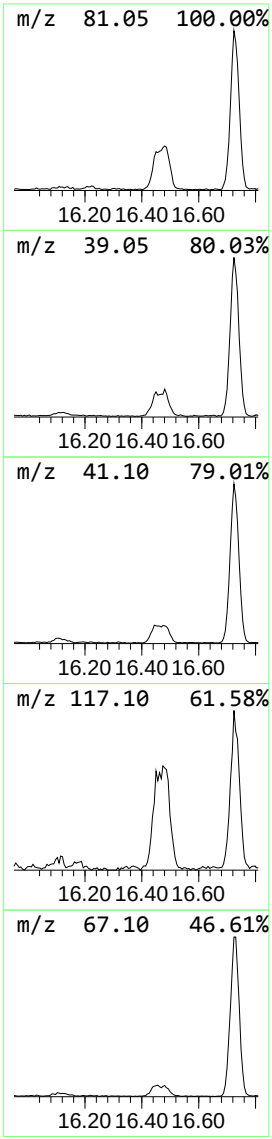
****

Peak Number 32 1-Heptyne Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.450	4.04 ug/L	224816	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptyne	96	C7H12	000628-71-7	59
2	1-Heptyne	96	C7H12	000628-71-7	59
3	1-Hydroxy-2,2,5,5-tetramethylpyr...	185	C9H15NO3	111930-19-9	47
4	2-Hexen-4-yn-1-ol, (E)-	96	C6H8O	053497-80-6	45
5	Furan	68	C4H4O	000110-00-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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

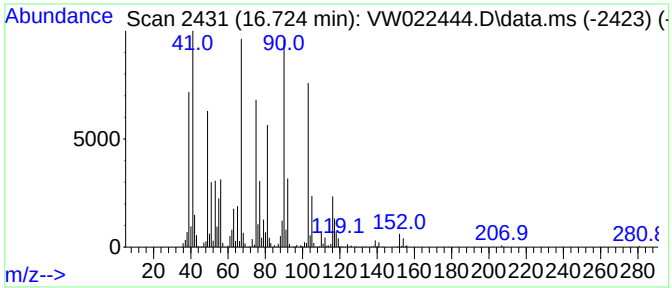
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

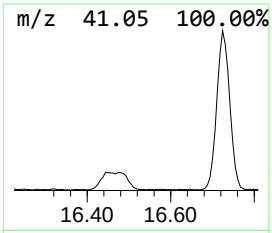
****

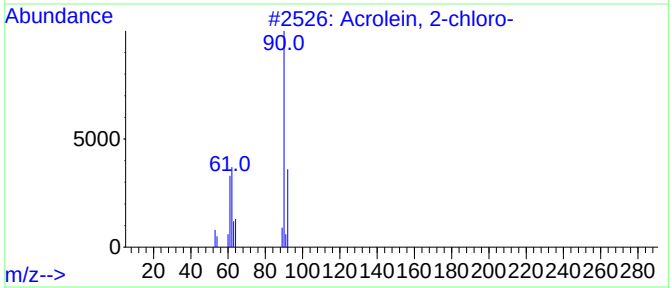
Peak Number 33 unknown-09 Concentration Rank 5

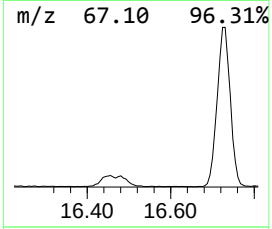
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.724	28.28 ug/L	1575000	1,4-Dichlorobenzene-d4	13.554

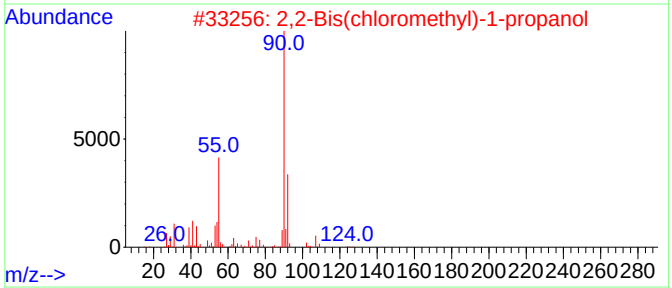
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	35
3	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	30
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	27
5	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	25

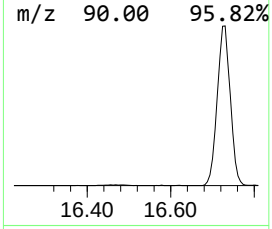


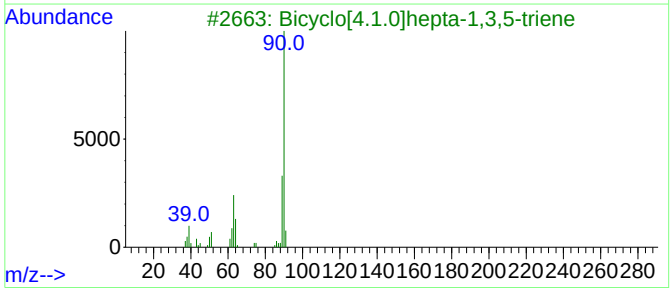


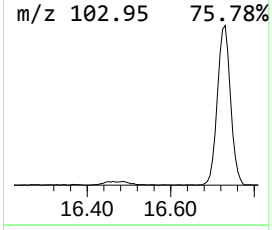


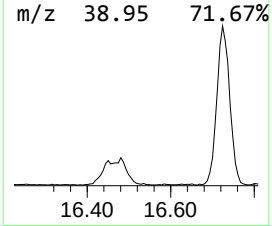












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022444.D
Acq On : 07 Apr 2022 20:08
Operator : SY/VA
Sample : N2293-09
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN9

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
Cyclopropene	1.959	1747.1	ug/L	69577500	1	8.842	995639	25.0
Vinyl bromide	3.166	2.7	ug/L	105740	1	8.842	995639	25.0
Dimethyl sulfide	4.208	3.4	ug/L	133761	1	8.842	995639	25.0
(DEL) Alkane: S...	4.952	2.1	ug/L	84563	1	8.842	995639	25.0
Isopropenyl bro...	5.184	2.6	ug/L	104031	1	8.842	995639	25.0
(DEL) Alkane: S...	5.440	1.4	ug/L	53756	1	8.842	995639	25.0
1,5-Hexadiene	5.562	1.5	ug/L	58532	1	8.842	995639	25.0
2-Ethyl-oxetane	5.940	5.3	ug/L	209115	1	8.842	995639	25.0
(DEL) Alkane: C...	6.982	2.1	ug/L	83589	1	8.842	995639	25.0
(DEL) Alkane: S...	8.031	1.8	ug/L	72455	1	8.842	995639	25.0
(DEL) Alkane: S...	8.153	5.5	ug/L	220793	1	8.842	995639	25.0
(DEL) Alkane: S...	8.695	5.9	ug/L	236221	1	8.842	995639	25.0
Furan, tetrahyd...	9.043	3.6	ug/L	145498	1	8.842	995639	25.0
2H-Pyran, tetra...	9.963	47.6	ug/L	1895290	1	8.842	995639	25.0
Benzene, bromo-	12.743	8.4	ug/L	470904	3	13.554	1392440	25.0
unknown-01	13.115	2.8	ug/L	158070	3	13.554	1392440	25.0
unknown-02	13.182	1.8	ug/L	98824	3	13.554	1392440	25.0
Fumaric acid, d...	13.365	1.5	ug/L	85213	3	13.554	1392440	25.0
unknown-03	13.640	5.6	ug/L	310255	3	13.554	1392440	25.0
unknown-04	14.036	3.8	ug/L	210292	3	13.554	1392440	25.0
Hexane, 1,2-dic...	14.213	3.0	ug/L	166286	3	13.554	1392440	25.0
Benzene, 1-brom...	14.414	4.3	ug/L	237123	3	13.554	1392440	25.0
Benzene, 1-brom...	14.463	18.5	ug/L	1029660	3	13.554	1392440	25.0
Hexane, 1,6-dib...	14.578	3.7	ug/L	203992	3	13.554	1392440	25.0
Hexane, 1,6-dic...	14.731	77.0	ug/L	4288930	3	13.554	1392440	25.0
unknown-05	14.816	4.3	ug/L	239551	3	13.554	1392440	25.0
3,6-Dimethylben...	15.109	3.4	ug/L	188821	3	13.554	1392440	25.0
unknown-06	15.249	2.1	ug/L	119649	3	13.554	1392440	25.0
unknown-07	15.603	6.5	ug/L	363418	3	13.554	1392440	25.0
unknown-08	15.731	48.8	ug/L	2720280	3	13.554	1392440	25.0
1-Heptyne	16.450	4.0	ug/L	224816	3	13.554	1392440	25.0
unknown-09	16.724	28.3	ug/L	1575000	3	13.554	1392440	25.0