LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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: VW022437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	39	rBV	9094868	14531142	100.00%	29.595%
2	2.355	69	74	83	rBV2	176832	329197	2.27%	0.670%
3	2.885	155	161	168	rBV	91448	186823	1.29%	0.380%
4	3.172	201	208	225	rVB	213223	538166	3.70%	1.096%
5	3.404	242	246	247	rBV5	1340	1600	0.01%	0.003%
6	3.660	284	288	289	rBV4	1419	1964	0.01%	0.004%
7	3.678	289	291	292	rBV2	2014	1648	0.01%	0.003%
8	3.776	304	307	312	rVB7	1701	1864	0.01%	0.004%
9	3.940	323	334	339	rBV2	30947	93448	0.64%	0.190%
10	4.019	339	347	361	rVB3	145281	442175	3.04%	0.901%
11	4.227	372	381	396	rVB3	33703	101982	0.70%	0.208%
12	4.391	398	408	417	rBV2	16596	49346	0.34%	0.101%
13	4.562	431	436	439	rBV6	1210	1483	0.01%	0.003%
14	4.617	442	445	446	rBV2	1236	1506	0.01%	0.003%
15	4.696	456	458	462	rVB5	1510	2008	0.01%	0.004%
16	4.739	462	465	468	rBV4	1362	1911	0.01%	0.004%
17	4.769	468	470	472	rBV3	1436	1754	0.01%	0.004%
18	4.916	482	494	510	rBV2	50221	183279	1.26%	0.373%
19	5.190	527	539	547	rBV4	15817	50693	0.35%	0.103%
20	5.354	564	566	569	rVV4	991	1312	0.01%	0.003%
21	5.428	569	578	589	rVB4	4963	18107	0.12%	0.037%
22	5.580	600	603	605	rBV4	1202	1479	0.01%	0.003%
23	5.617	606	609	612	rVB5	1107	1322	0.01%	0.003%
24	5.757	629	632	633	rBV3	1301	1338	0.01%	0.003%
25	5.775	633	635	637	rVV3	1564	1354	0.01%	0.003%
26	5.946	656	663	672	rVB3	3348	10449	0.07%	0.021%
27	6.019	672	675	677	rBV4	1434	1836	0.01%	0.004%
28	6.220	698	708	718	rVB	15324	45696	0.31%	0.093%
29	6.312	719	723	724	rBV4	1344	1774	0.01%	0.004%
30	6.458	745	747	751	rVB4	1473	1993	0.01%	0.004%
31	6.665	779	781	786	rBV6	1249	2007	0.01%	0.004%
32	6.836	804	809	812	rBV5	965	1466	0.01%	0.003%
33	6.982	832	833	837	rVV4	1475	1893	0.01%	0.004%
34	7.080	840	849	855	rBV	54253	149884	1.03%	0.305%
35	7.165	855	863	877	rVB	305536	825079	5.68%	1.680%
36	7.348	889	893	896	rVB6	1244	1451	0.01%	0.003%

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Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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	7.549	920	926	930	rBV7	1774	3482	0.02%	0.007%
38	7.647	933	942	956	rVB	251612	640005	4.40%	1.303%
39	7.836	971	973	976	rBV4	1147	1379	0.01%	0.003%
40	7.872	976	979	980	rBV3	1253	1494	0.01%	0.003%
41	7.952	987	992	993	rBV5	2380	3939	0.03%	0.008%
42	8.025	1000	1004	1005	rBV4	2059	1593	0.01%	0.003%
43	8.147	1018	1024	1025	rBV5	1986	2374	0.02%	0.005%
44	8.323	1033	1053	1060	rBV	4103725	10240034	70.47%	20.855%
45	8.403	1060	1066	1079	rVB	1407645	2976259	20.48%	6.062%
46	8.567	1089	1093	1101	rVB7	4821	10802	0.07%	0.022%
47	8.695	1112	1114	1118	rVB5	2118	2863	0.02%	0.006%
48	8.842	1128	1138	1148	rBV	429465	840508	5.78%	1.712%
49	8.988	1154	1162	1168	rBV	363343	677742	4.66%	1.380%
50	9.049	1168	1172	1173	rVV	35977	54228	0.37%	0.110%
51	9.092	1173	1179	1190	rVV	501731	1007075	6.93%	2.051%
52	9.275	1201	1209	1217	rVV	351952	753198	5.18%	1.534%
53	9.366	1218	1224	1233	rVB	76504	166553	1.15%	0.339%
54	9.512	1243	1248	1255	rVB7	5088	12058	0.08%	0.025%
55	9.604	1260	1263	1268	rVB7	1384	2389	0.02%	0.005%
56	9.665	1270	1273	1276	rVV5	1302	1885	0.01%	0.004%
57	9.963	1313	1322	1328	rBV3	257577	497761	3.43%	1.014%
58	10.037	1328	1334	1344	rVB	190772	354485	2.44%	0.722%
59	10.219	1360	1364	1369	rVB6	3324	6093	0.04%	0.012%
60	10.323	1373	1381	1386	rBV	616324	1101937	7.58%	2.244%
61	10.384	1386	1391	1402	rVB2	921267	1652228	11.37%	3.365%
62	10.579	1416	1423	1430	rBV	123025	211199	1.45%	0.430%
63	10.665	1432	1437	1438	rBV3	4567	6203	0.04%	0.013%
64	10.707	1438	1444	1449	rBV	184584	356986	2.46%	0.727%
65	10.860	1465	1469	1472	rBV6	5972	8804	0.06%	0.018%
66	10.933	1473	1481	1493	rVV	4507062	7748955	53.33%	15.782%
67	11.238	1529	1531	1535	rVB5	2632	1998	0.01%	0.004%
68	11.390	1550	1556	1558	rBV5	3229	5896	0.04%	0.012%
69	11.488	1568	1572	1574	rBV5	984	1487	0.01%	0.003%
70	12.061	1660	1666	1676	rVB	96901	174768	1.20%	0.356%
71	12.164	1680	1683	1692	rVB2	10084	18064	0.12%	0.037%
72	12.469	1727	1733	1738	rBV10	3402	5984	0.04%	0.012%
73	12.603	1749	1755	1760	rVB4	14410	25613	0.18%	0.052%
74	12.689	1760	1769	1774	rBV	247695	420693	2.90%	0.857%
75	12.743	1774	1778	1791	rVB	173844	294636	2.03%	0.600%
76	12.896	1795	1803	1805	rBV8	5816	10887	0.07%	0.022%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETNN2

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

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Peak separation: 5

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

77	12.945	1807	1811	1814	rVB6	2965	4837	0.03%	0.010%
78	13.188	1844	1851	1855	rBV6	6212	12982	0.09%	0.026%
79	13.286	1864	1867	1868	rBV3	2810	3174	0.02%	0.006%
80	13.365	1877	1880	1883	rBV5	1394	2393	0.02%	0.005%
81	13.463	1892	1896	1903	rVB9	5477	11425	0.08%	0.023%
82	13.554	1905	1911	1921	rVB	252698	418898	2.88%	0.853%
83	13.646	1921	1926	1935	rBV10	5802	16147	0.11%	0.033%
84	13.853	1952	1960	1973	rVB2	257262	466023	3.21%	0.949%
85	14.066	1991	1995	2001	rVB2	7627	12442	0.09%	0.025%
86	14.188	2011	2015	2021	rBV5	4007	8217	0.06%	0.017%
87	14.463	2050	2060	2066	rBV2	89207	159361	1.10%	0.325%
88	14.517	2067	2069	2075	rVB5	8301	12295	0.08%	0.025%
89	14.694	2092	2098	2099	rBV6	3102	5290	0.04%	0.011%
90	14.743	2101	2106	2112	rVB6	10628	21445	0.15%	0.044%
91	14.847	2119	2123	2131	rVB6	8145	14146	0.10%	0.029%
92	15.060	2153	2158	2167	rBV6	3839	10190	0.07%	0.021%
93	15.243	2185	2188	2196	rVB9	3145	5738	0.04%	0.012%
94	15.377	2208	2210	2213	rVB4	1997	1766	0.01%	0.004%
95	15.487	2223	2228	2233	rVB	5160	9893	0.07%	0.020%
96	15.548	2233	2238	2242	rBV8	1193	2046	0.01%	0.004%
97	15.914	2294	2298	2299	rVB4	1892	1417	0.01%	0.003%
98	16.029	2315	2317	2322	rVB6	1270	2039	0.01%	0.004%
99	16.212	2344	2347	2349	rVB3	1152	1299	0.01%	0.003%
100	16.700	2423	2427	2429	rVB5	1387	1831	0.01%	0.004%

Sum of corrected areas: 49100260

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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 : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
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Instrument :
MSVOA_W
ClientSampleId :
ETNN2

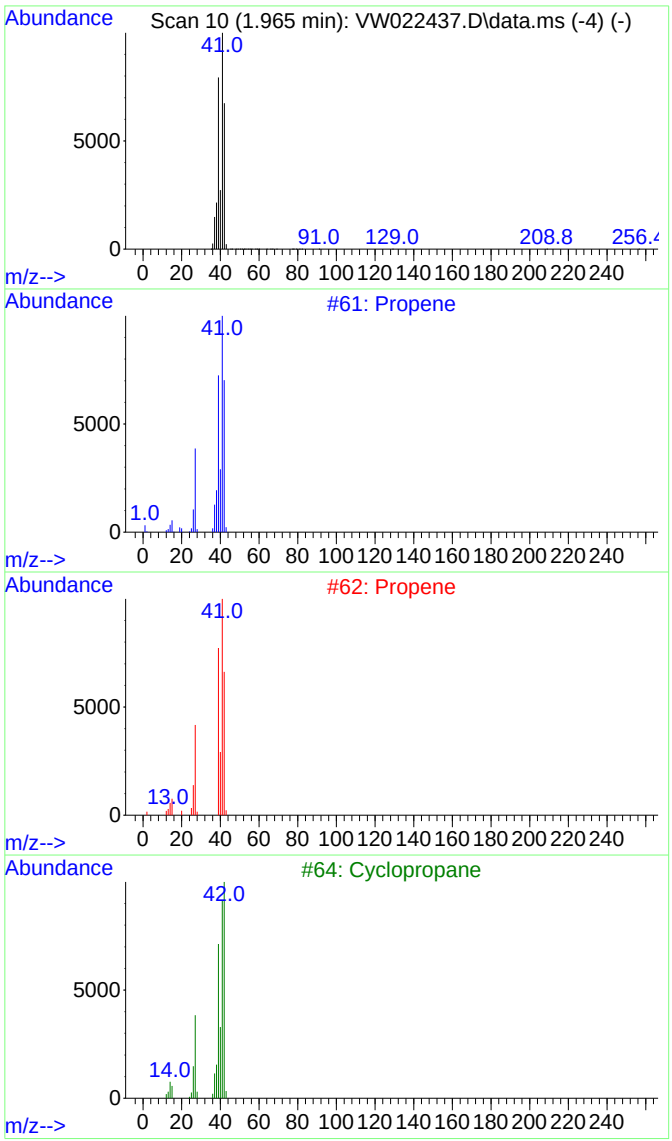
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

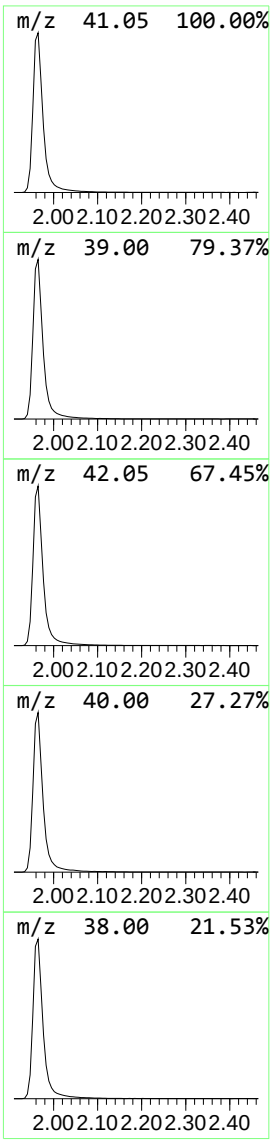
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	432.21 ug/L	14531100	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	59
3	Cyclopropane	42	C3H6	000075-19-4	14
4	Cyclopropene	40	C3H4	002781-85-3	10
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

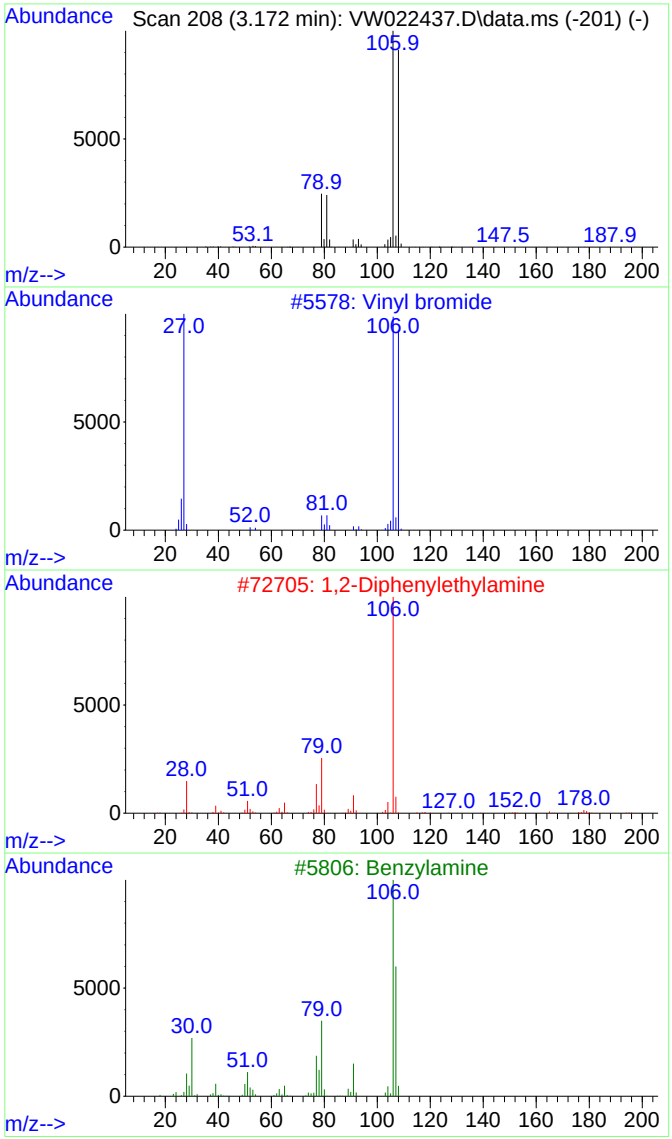
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

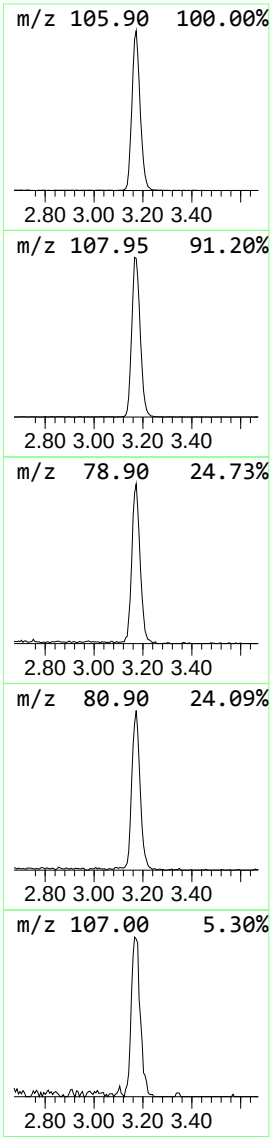
****

Peak Number 2 Vinyl bromide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.172	16.01 ug/L	538166	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl bromide	106	C2H3Br	000593-60-2	86
2	1,2-Diphenylethylamine	197	C14H15N	025611-78-3	37
3	Benzylamine	107	C7H9N	000100-46-9	25
4	(S)-1-Phenyl-2-(p-tolyl)ethylamine	211	C15H17N	030339-30-1	25
5	2-Pyridinamine, 4-methyl-	108	C6H8N2	000695-34-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

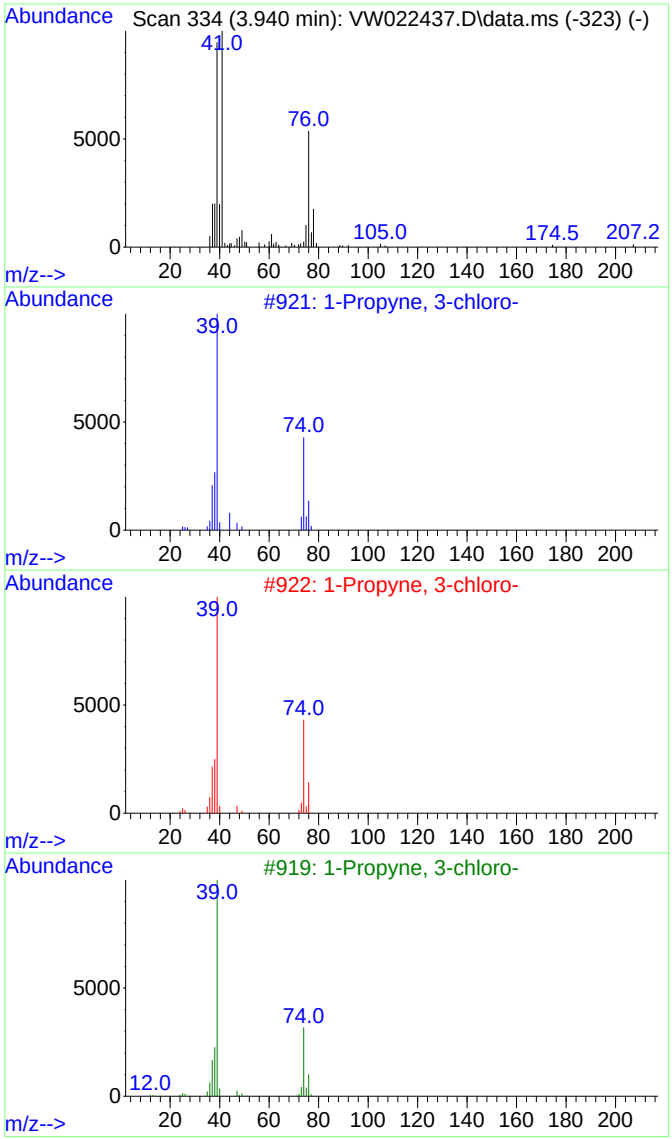
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

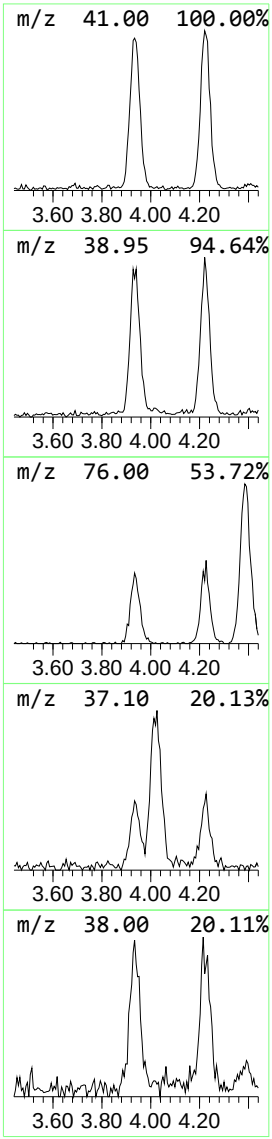
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propyne, 3-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.940	2.78 ug/L	93448	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	64
2	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	56
3	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	56
4	Allyl chloride	76	C3H5Cl	000107-05-1	53
5	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
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Instrument :
MSVOA_W
ClientSampleId :
ETNN2

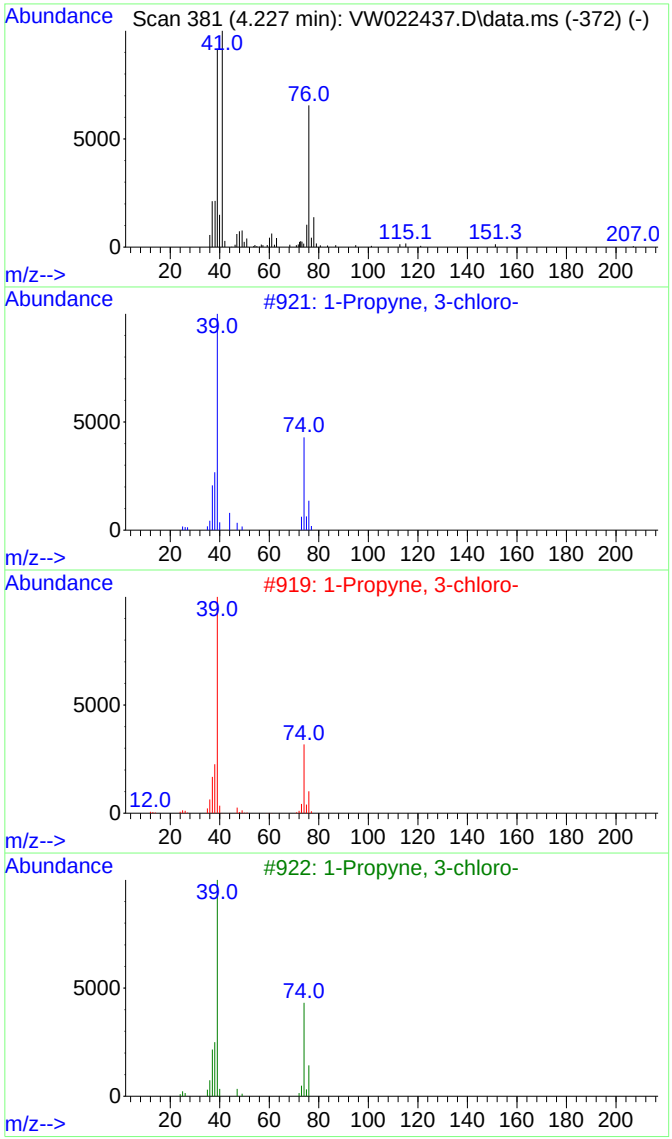
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

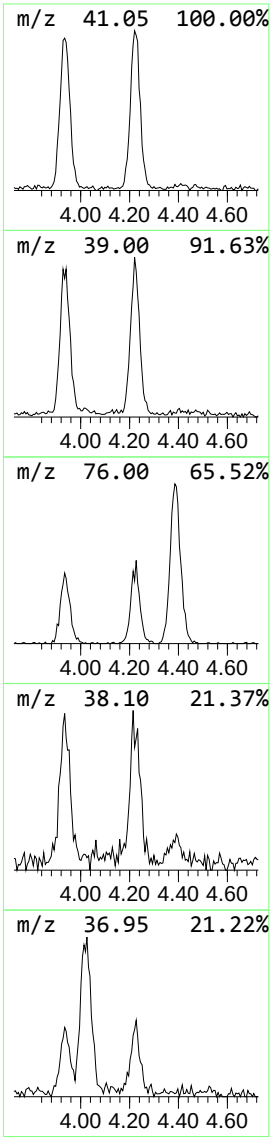
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Allyl chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.227	3.03 ug/L	101982	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	78
2	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	64
3	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	64
4	Allyl chloride	76	C3H5Cl	000107-05-1	59
5	2-Butynal	68	C4H4O	001119-19-3	56





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Instrument :
MSVOA_W
ClientSampleId :
ETNN2

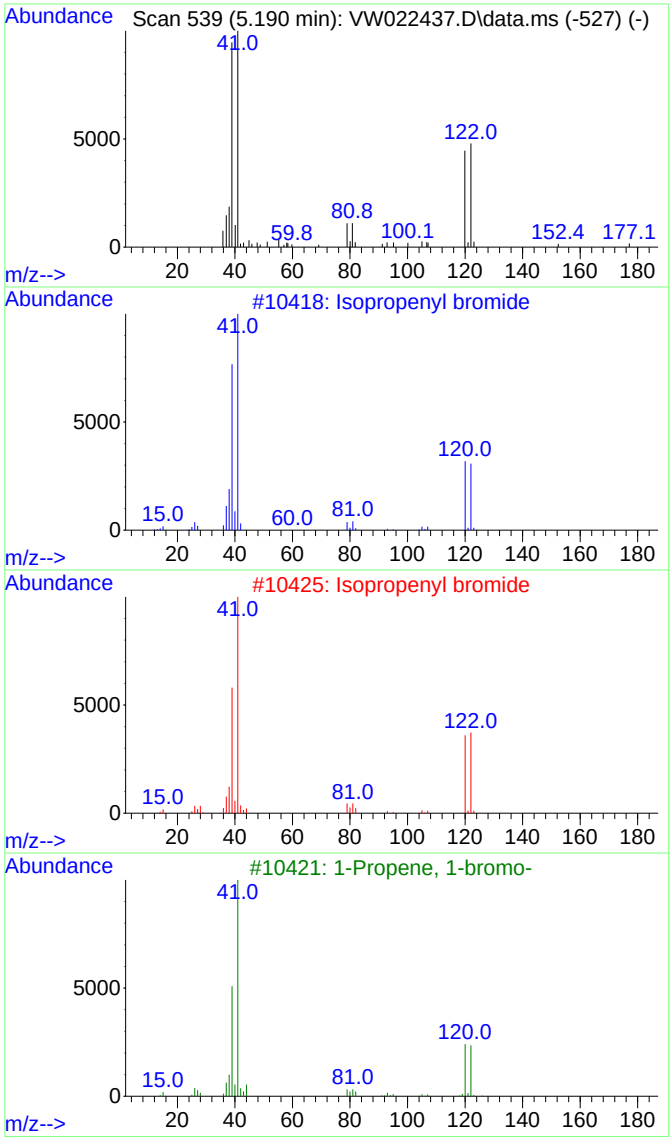
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

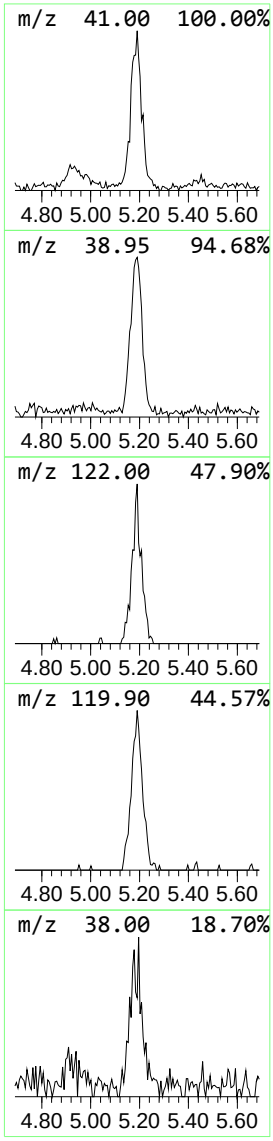
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Isopropenyl bromide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.190	1.51 ug/L	50693	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	90
3	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	90
4	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	86
5	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
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Instrument :
MSVOA_W
ClientSampleId :
ETNN2

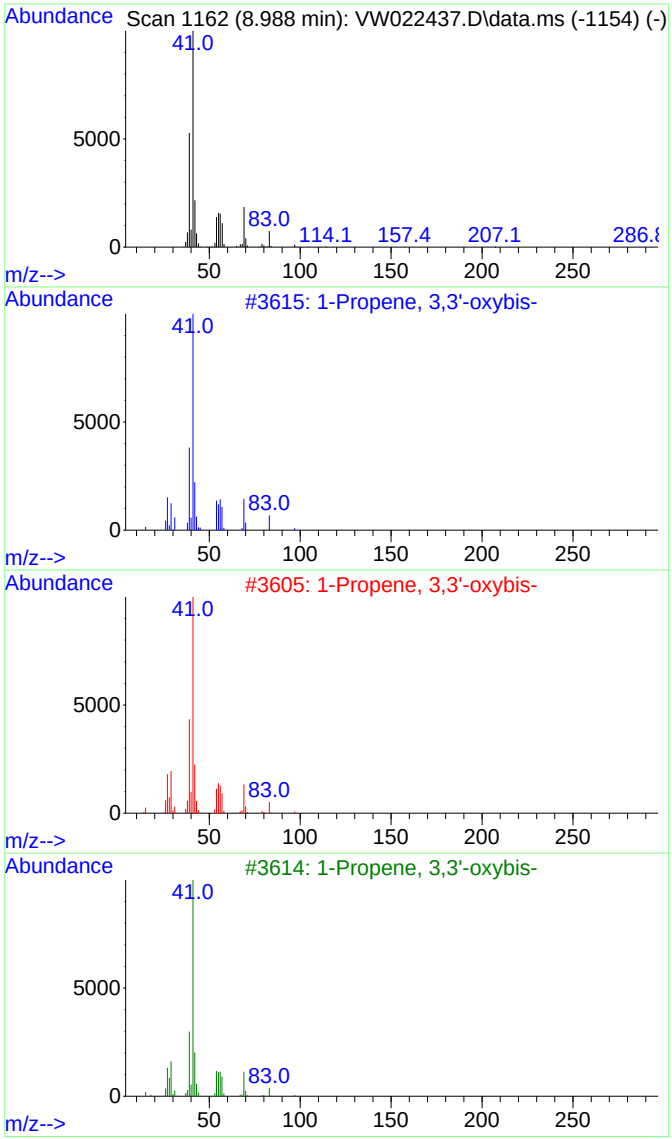
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

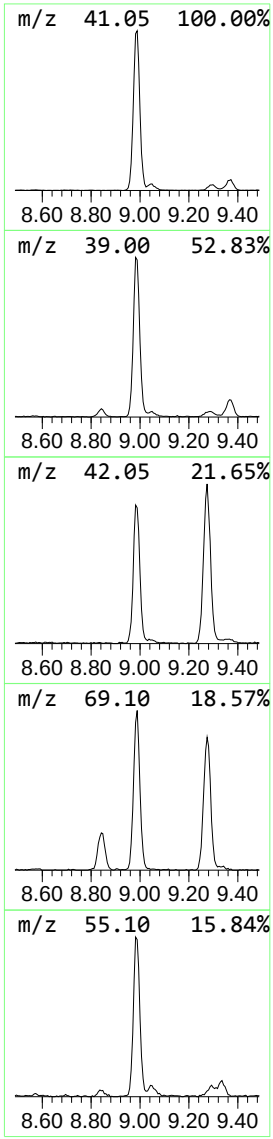
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Propene, 3,3'-oxybis- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.988	20.16 ug/L	677742	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	58
3	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	40
5	4-Heptenal, (Z)-	112	C7H12O	006728-31-0	39





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Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

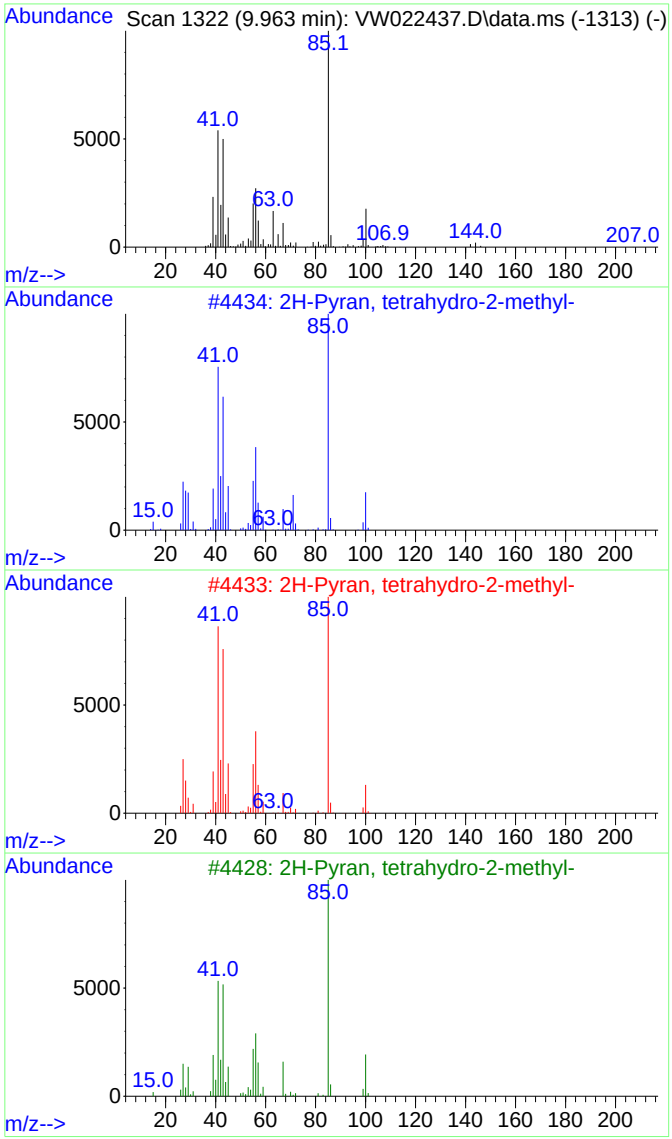
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

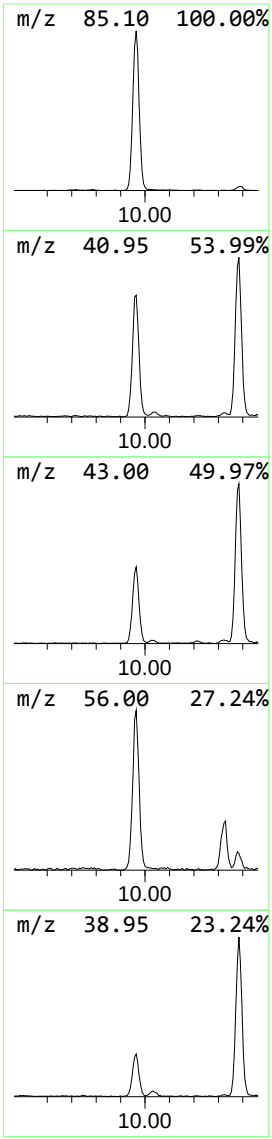
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	14.81 ug/L	497761	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	59
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

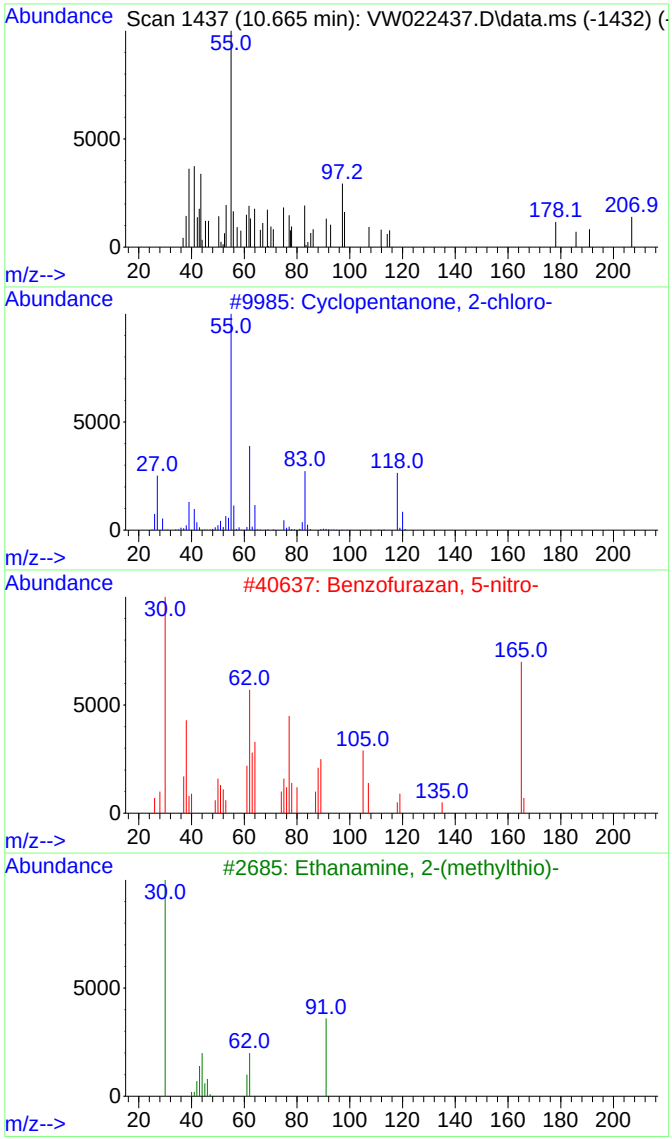
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

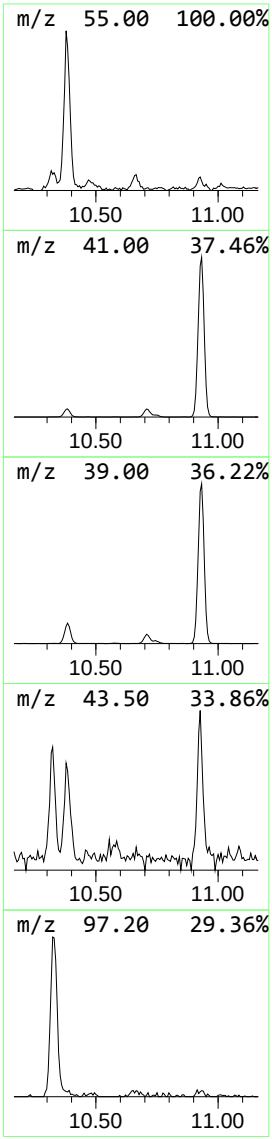
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	104.29 ug/L	6203	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-chloro-	118	C5H7ClO	000694-28-0	43
2	Benzofurazan, 5-nitro-	165	C6H3N3O3	018772-11-7	38
3	Ethanamine, 2-(methylthio)-	91	C3H9NS	018542-42-2	38
4	(4-Bromobutan-2-yl)cyclopropane	176	C7H13Br	1000444-18-1	10
5	1-Methyl-3,3-pentamethylenediazi...	126	C7H14N2	026177-34-4	9





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Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

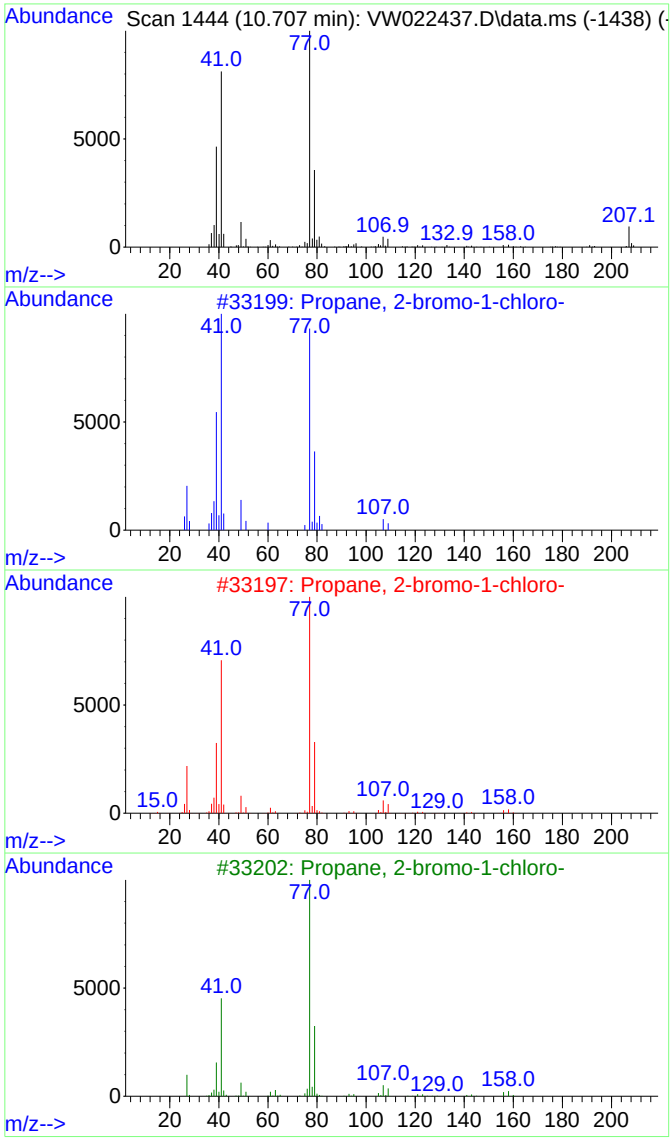
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

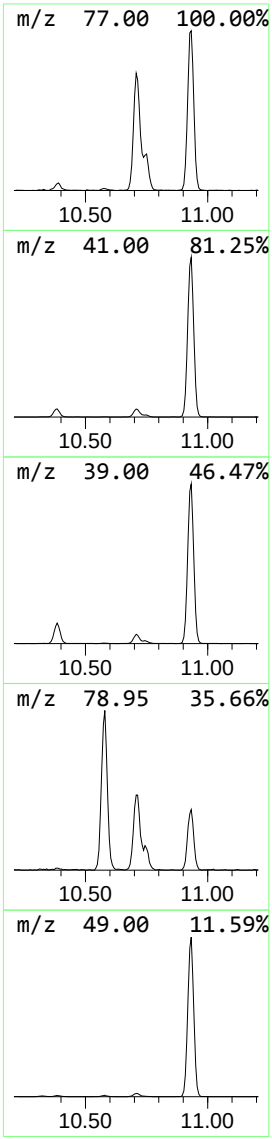
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propane, 2-bromo-1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.707	6001.78 ug/L	356986	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	86
2	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	50
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	42
4	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	39
5	Butanoyl chloride, 2-chloro-	140	C4H6Cl2O	007623-11-2	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

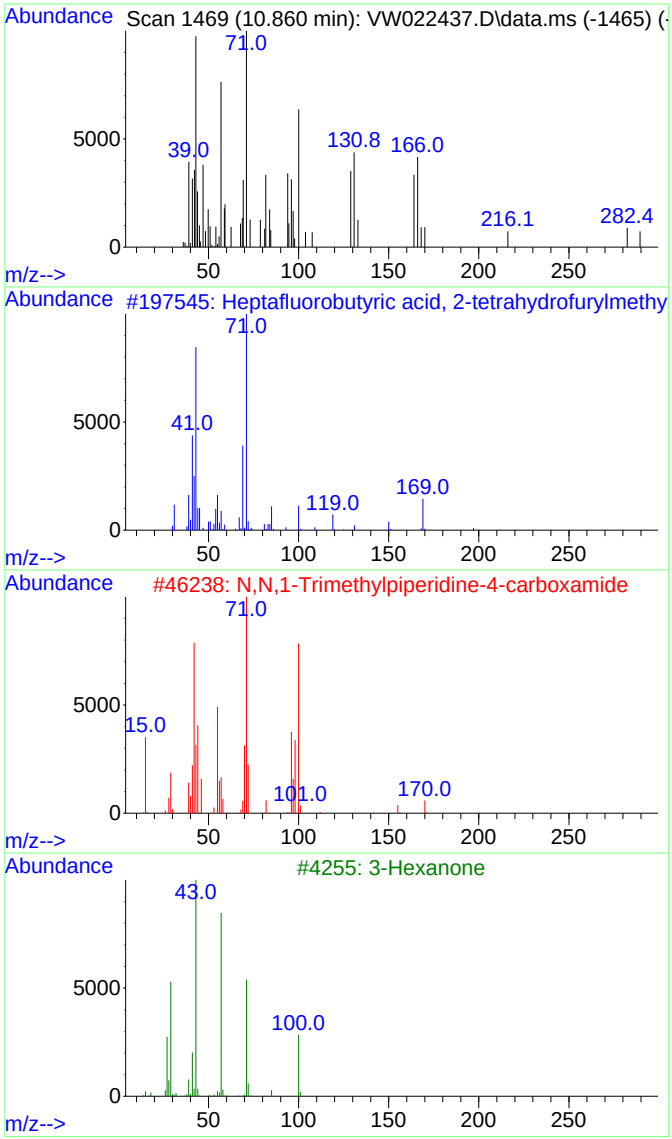
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

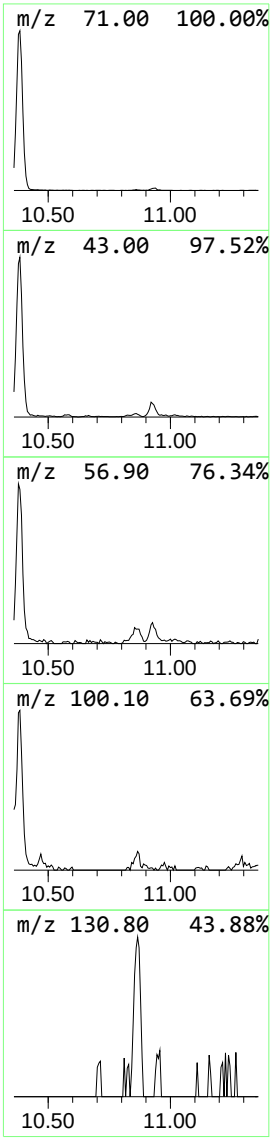
****

Peak Number 11 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	148.02 ug/L	8804	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, 2-tetra...	298	C9H9F7O3	1000216-78-5	10
2	N,N,1-Trimethylpiperidine-4-carb...	170	C9H18N2O	613678-09-4	10
3	3-Hexanone	100	C6H12O	000589-38-8	9
4	3,5-Heptanedione, 2,4,6-trimethyl	170	C10H18O2	1000162-80-1	9
5	1,3-Dimethylbutyl isobutyrate	172	C10H20O2	1000429-31-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

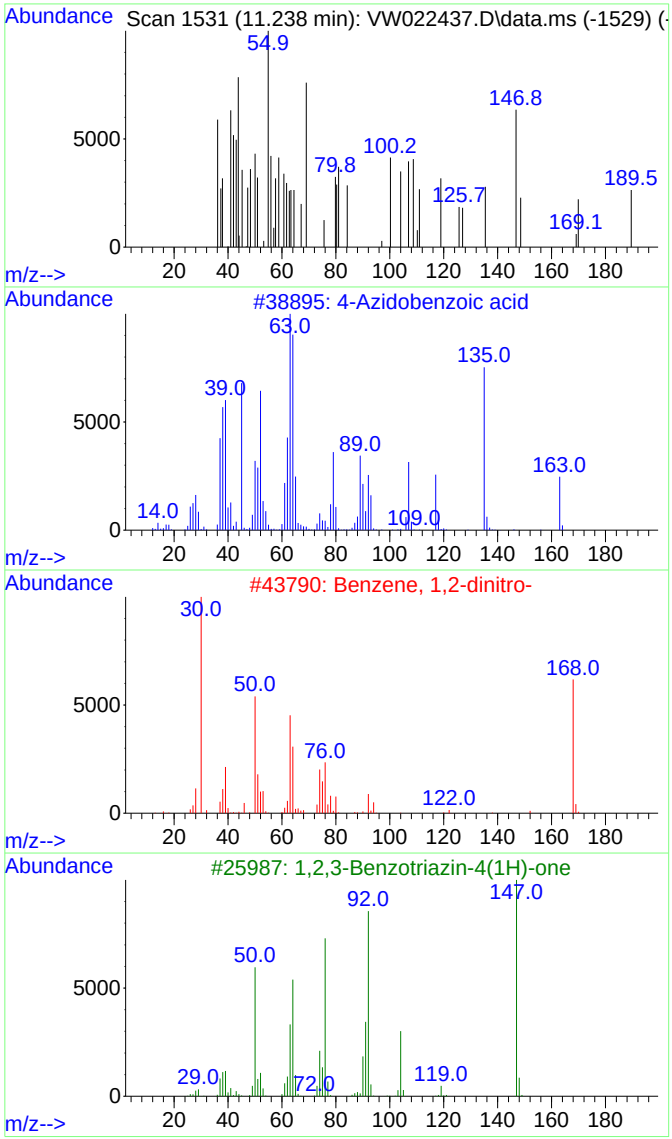
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

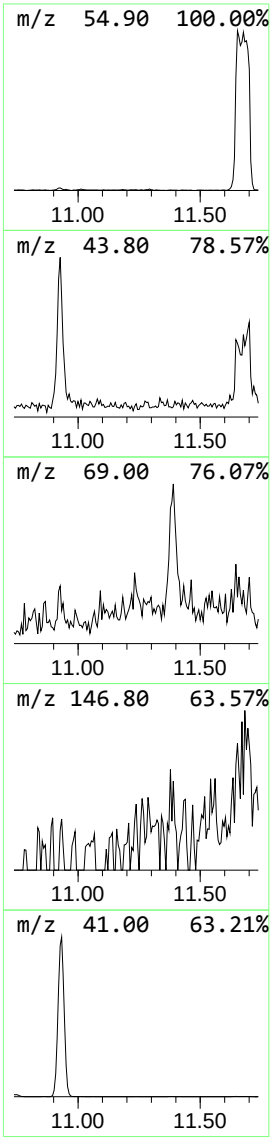
****

Peak Number 12 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.238	33.59 ug/L	1998	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azidobenzoic acid	163	C7H5N3O2	006427-66-3	25
2	Benzene, 1,2-dinitro-	168	C6H4N2O4	000528-29-0	25
3	1,2,3-Benzotriazin-4(1H)-one	147	C7H5N3O	000090-16-4	14
4	Cyclopropanecarboxamide, 1,2,2-t...	160	C7H4N4O	1000351-24-4	14
5	Benzene, 1-azido-4-nitro-	164	C6H4N4O2	001516-60-5	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

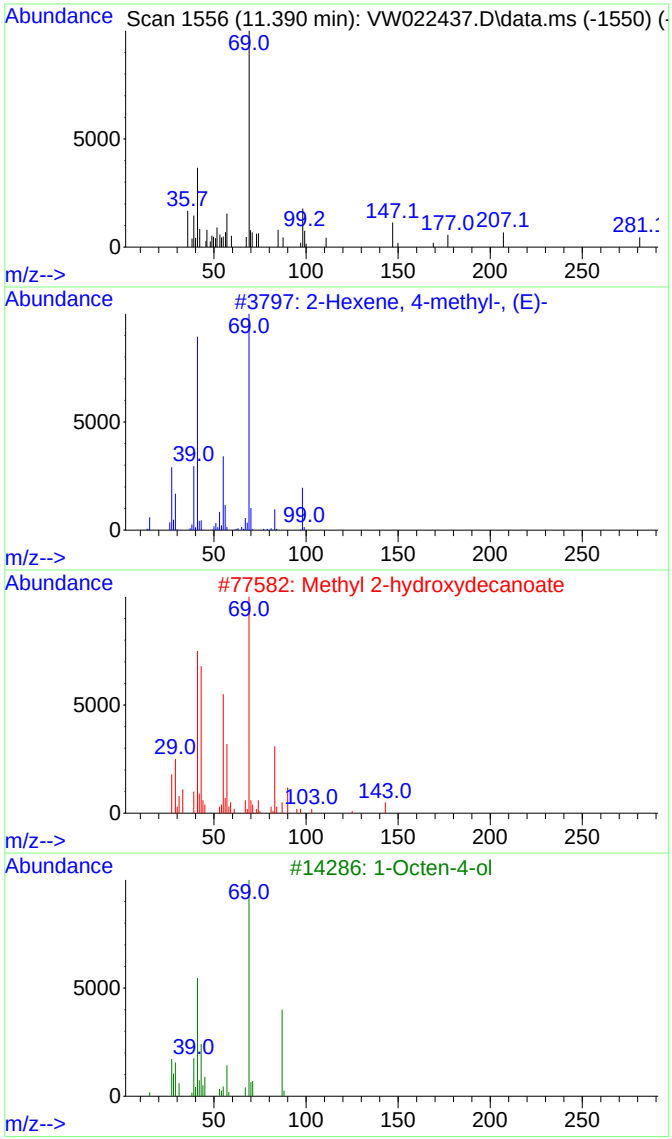
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

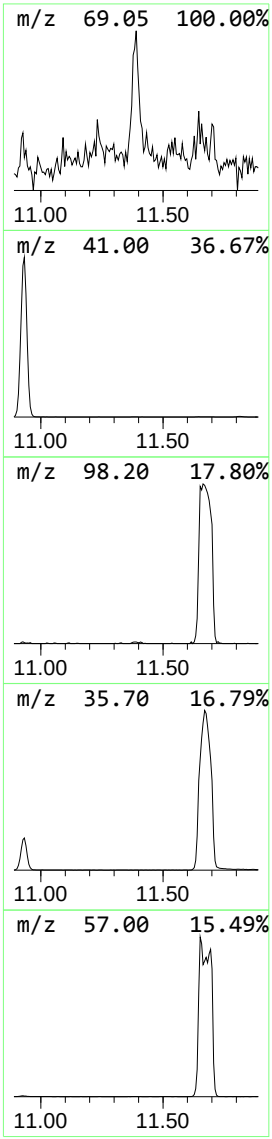
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	99.13 ug/L	5896	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	50
2	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	47
3	1-Octen-4-ol	128	C8H16O	040575-42-6	47
4	4-Hexen-3-one	98	C6H10O	002497-21-4	40
5	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

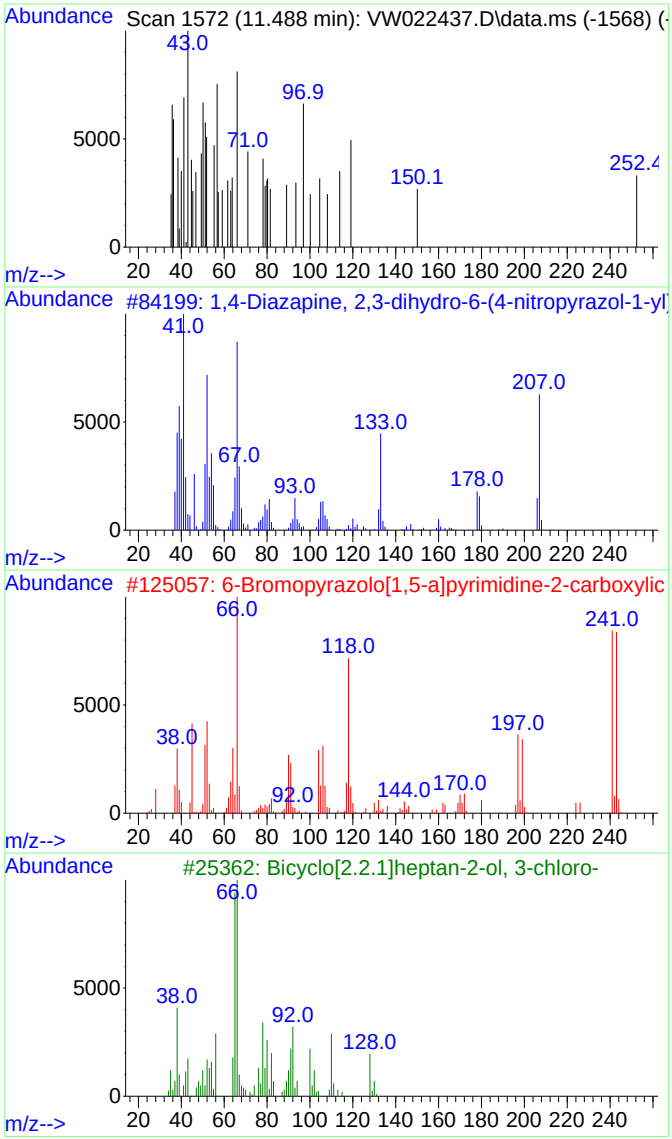
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

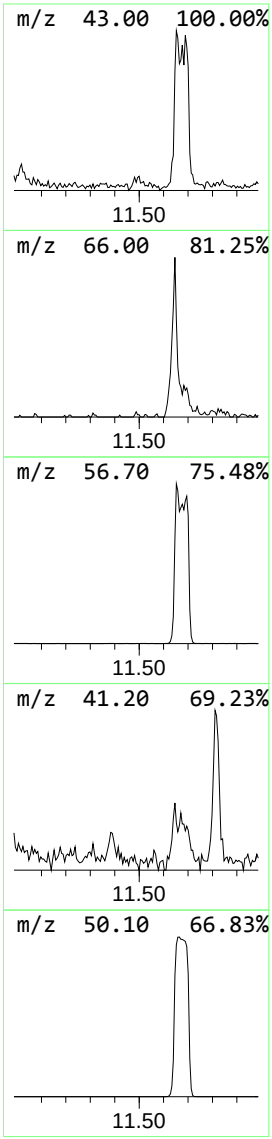
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.488	25.00 ug/L	1487	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diazapine, 2,3-dihydro-6-(4-...	207	C8H9N5O2	108262-29-9	38
2	6-Bromopyrazolo[1,5-a]pyrimidine...	241	C7H4BrN3O2	300717-72-0	25
3	Bicyclo[2.2.1]heptan-2-ol, 3-chl...	146	C7H11ClO	056816-12-7	16
4	N'-Furfurylidene-4-nitrobenzohyd...	259	C12H9N3O4	117824-92-7	12
5	Acetaldehyde, chloro-	78	C2H3ClO	000107-20-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

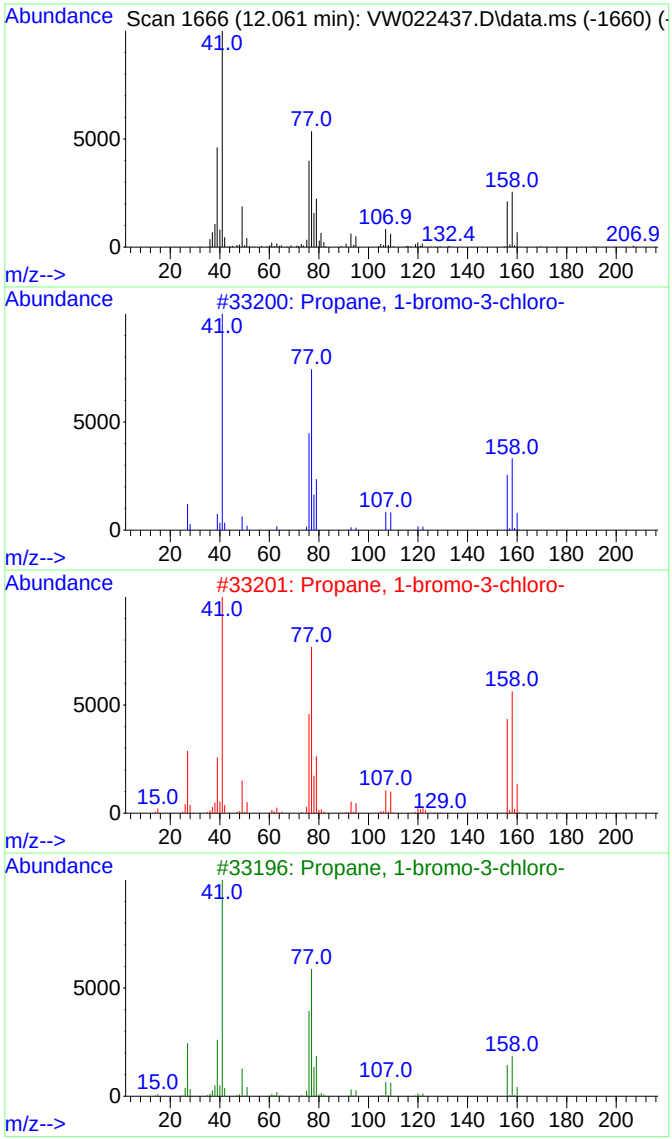
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

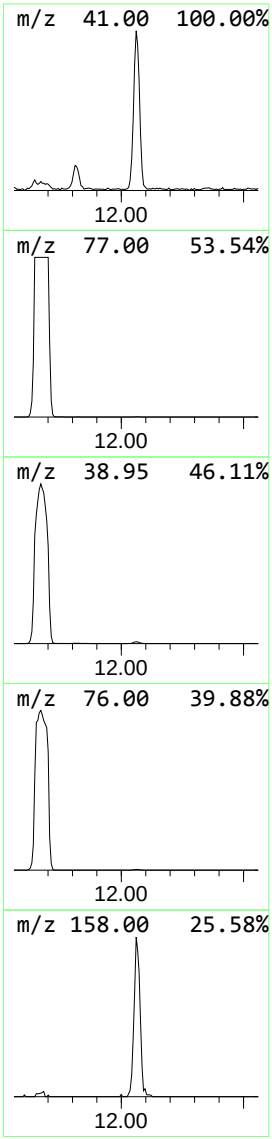
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Propane, 1-bromo-3-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	2938.26 ug/L	174768	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
2	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
3	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	90
4	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	70
5	Allyl chloride	76	C3H5Cl	000107-05-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

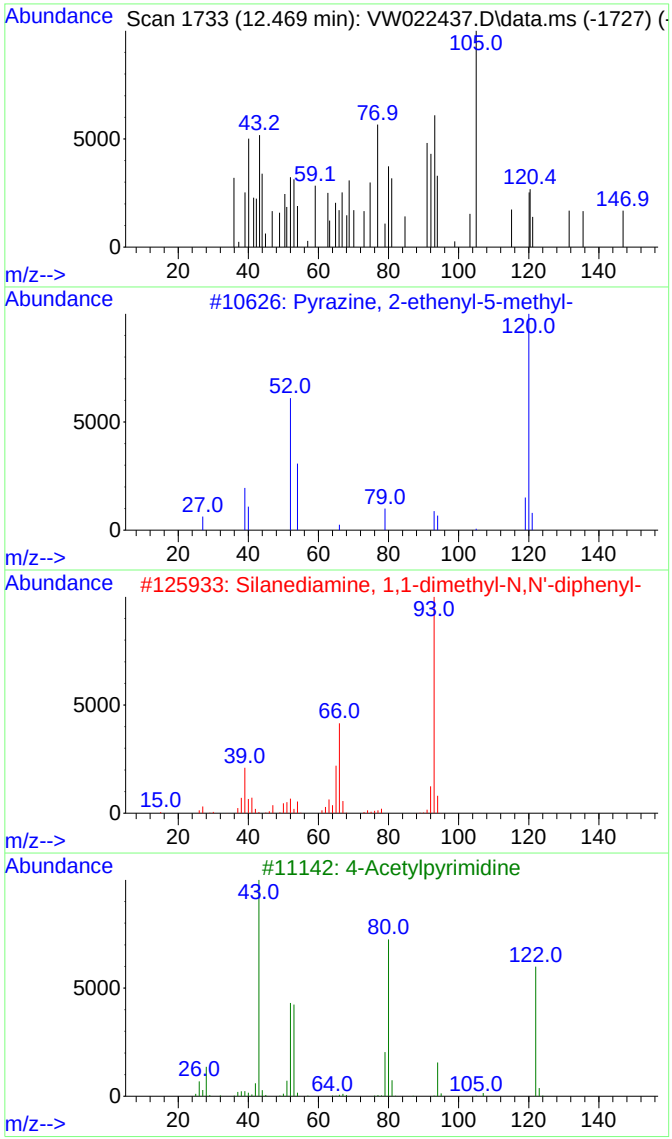
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

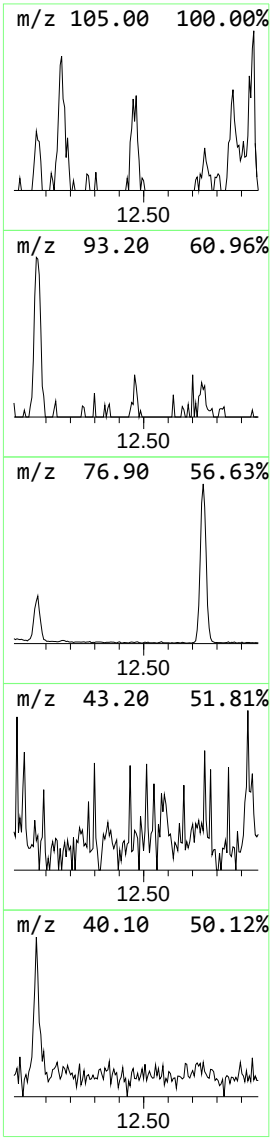
****

Peak Number 17 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	100.61 ug/L	5984	Chlorobenzene-d5	11.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2-ethenyl-5-methyl-	120	C7H8N2	013925-08-1	27
2	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	25
3	4-Acetylpyrimidine	122	C6H6N2O	039870-05-8	14
4	Trimethylphosphine oxide	92	C3H9OP	000676-96-0	14
5	Bicyclo[3.1.0]hex-3-en-2-one, 5-...	136	C9H12O	036262-12-1	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

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

****

Peak Number 19 Benzene, bromo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	17.58 ug/L	294636	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	94
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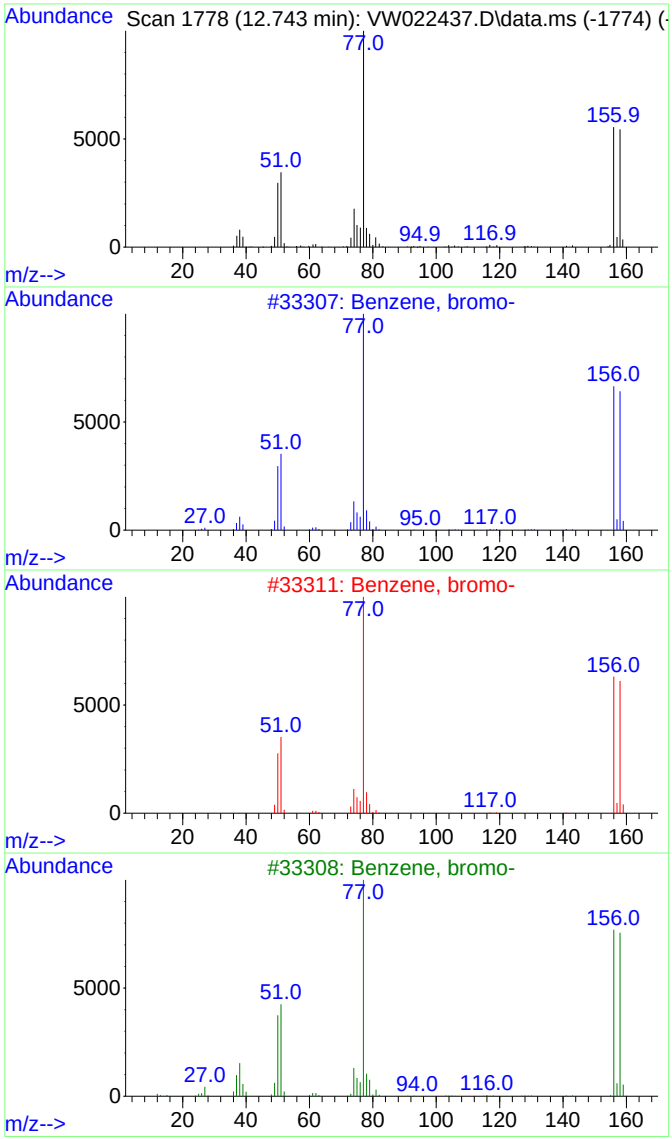
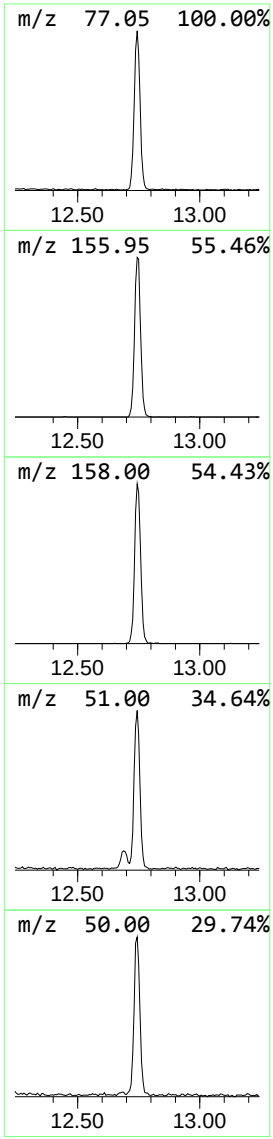




Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

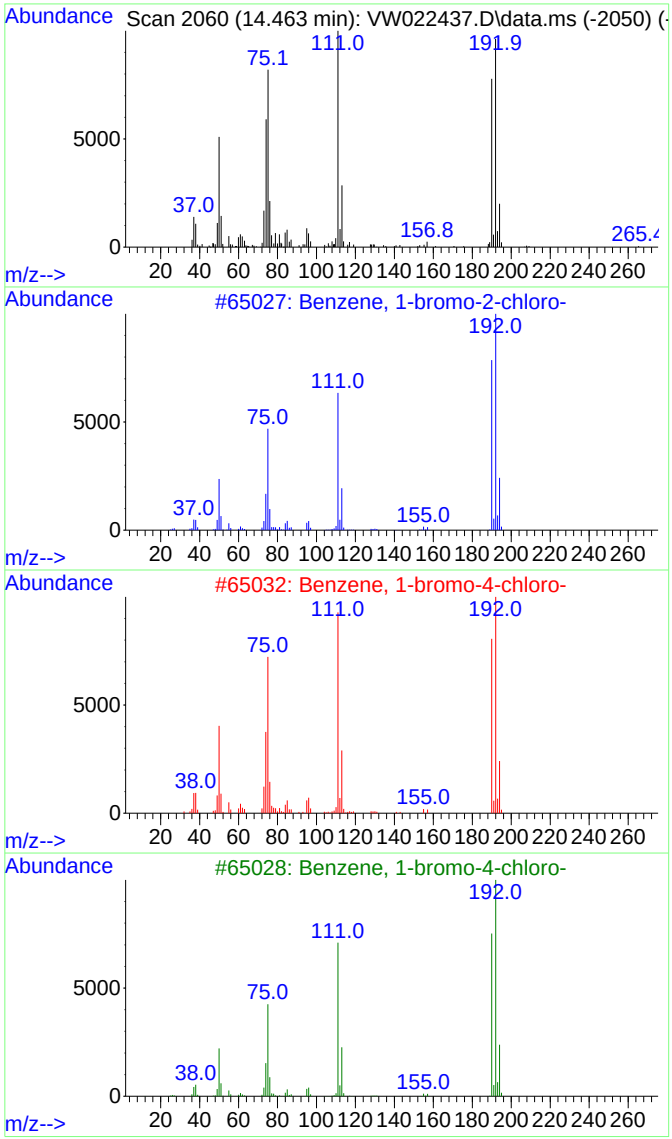
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

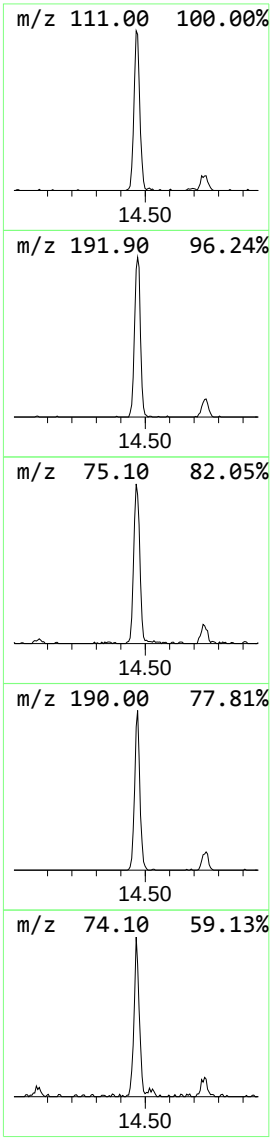
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-bromo-2-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	9.51 ug/L	159361	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

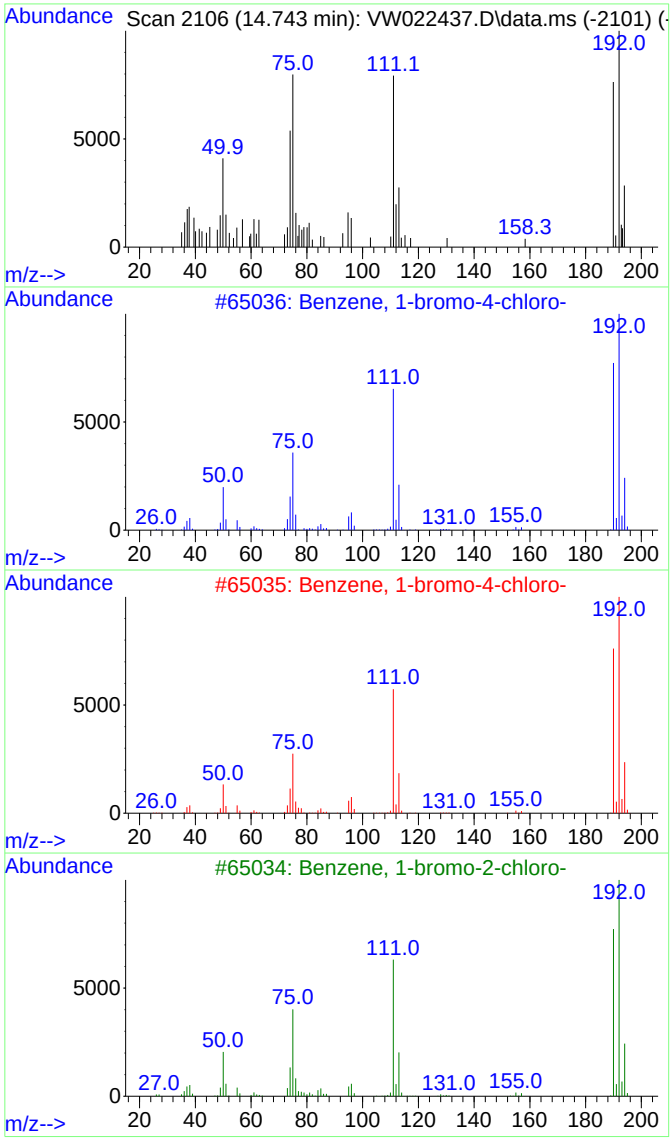
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

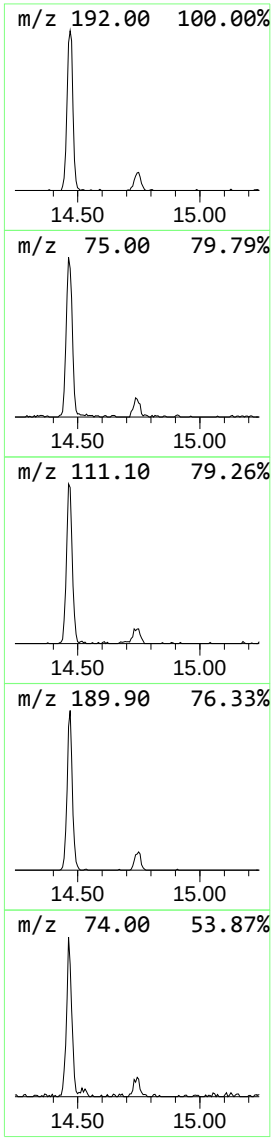
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-bromo-4-chloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.743	1.28 ug/L	21445	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	95
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.965	432.2	ug/L	14531100	1	8.842	840508	25.0
Vinyl bromide	3.172	16.0	ug/L	538166	1	8.842	840508	25.0
1-Propyne, 3-ch...	3.940	2.8	ug/L	93448	1	8.842	840508	25.0
Allyl chloride	4.227	3.0	ug/L	101982	1	8.842	840508	25.0
Isopropenyl bro...	5.190	1.5	ug/L	50693	1	8.842	840508	25.0
1-Propene, 3,3'...	8.988	20.2	ug/L	677742	1	8.842	840508	25.0
2H-Pyran, tetra...	9.963	14.8	ug/L	497761	1	8.842	840508	25.0
unknown-01	10.665	104.3	ug/L	6203	2	11.646	1487	25.0
Propane, 2-brom...	10.707	6001.8	ug/L	356986	2	11.646	1487	25.0
unknown-02	10.860	148.0	ug/L	8804	2	11.646	1487	25.0
unknown-03	11.238	33.6	ug/L	1998	2	11.646	1487	25.0
(DEL) Alkane: S...	11.390	99.1	ug/L	5896	2	11.646	1487	25.0
unknown-04	11.488	25.0	ug/L	1487	2	11.646	1487	25.0
Propane, 1-brom...	12.061	2938.3	ug/L	174768	2	11.646	1487	25.0
unknown-05	12.469	100.6	ug/L	5984	2	11.646	1487	25.0
Benzene, bromo-	12.743	17.6	ug/L	294636	3	13.554	418898	25.0
Benzene, 1-brom...	14.463	9.5	ug/L	159361	3	13.554	418898	25.0
Benzene, 1-brom...	14.743	1.3	ug/L	21445	3	13.554	418898	25.0