LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

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_V\METHOD\SOMVLM032720WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	37	41	44	rBV5	7974	8259	0.00%	0.002%
2	1.312	63	69	82	rVB	233491	244900	0.14%	0.051%
3	1.576	145	151	163	rVB	206930	238470	0.13%	0.049%
4	2.116	311	319	341	rVB	439016	694227	0.39%	0.144%
5	2.392	403	405	406	rBV2	2271	1028	0.00%	0.000%
6	2.589	459	466	476	rVB	34836	56168	0.03%	0.012%
7	2.778	515	525	537	rVB4	14272	29097	0.02%	0.006%
8	2.962	578	582	584	rBV4	2052	1418	0.00%	0.000%
9	2.978	584	587	591	rVB6	2974	2202	0.00%	0.000%
10	2.997	591	593	594	rBV2	2003	802	0.00%	0.000%
11	3.013	594	598	602	rBV7	1774	1768	0.00%	0.000%
12	3.058	608	612	613	rBV3	5531	4099	0.00%	0.001%
13	3.225	655	664	669	rBV3	2697	5069	0.00%	0.001%
14	3.286	680	683	685	rBV4	2304	1788	0.00%	0.000%
15	3.322	690	694	697	rVB6	1102	939	0.00%	0.000%
16	3.502	748	750	753	rVB4	2326	1255	0.00%	0.000%
17	3.521	753	756	757	rBV3	1888	1247	0.00%	0.000%
18	3.540	760	762	766	rVB5	2204	1356	0.00%	0.000%
19	3.576	771	773	778	rBV5	1181	784	0.00%	0.000%
20	3.640	790	793	795	rBV4	2080	1264	0.00%	0.000%
21	3.656	795	798	800	rVV4	1895	1266	0.00%	0.000%
22	3.685	803	807	809	rVV5	2131	1637	0.00%	0.000%
23	3.704	810	813	817	rVV6	2243	1927	0.00%	0.000%
24	3.788	820	839	862	rVV	217213	552947	0.31%	0.114%
25	3.888	867	870	872	rBV4	1509	938	0.00%	0.000%
26	3.945	872	888	931	rBV3	107712	600906	0.34%	0.124%
27	4.306	998	1000	1003	rBV4	1334	918	0.00%	0.000%
28	4.399	1005	1029	1056	rVV2	1057964	3061729	1.71%	0.633%
29	4.521	1065	1067	1070	rVB4	2862	1468	0.00%	0.000%
30	4.627	1097	1100	1102	rVV4	1220	923	0.00%	0.000%
31	4.704	1110	1124	1142	rVB2	85344	211184	0.12%	0.044%
32	4.855	1153	1171	1190	rVV	539683	1289182	0.72%	0.267%
33	5.138	1222	1259	1295	rBV3	67981188	156835490	87.45%	32.434%
34	5.640	1402	1415	1438	rBV	793622	1563793	0.87%	0.323%

LSC Area Percent Report

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Acq On : 28 Mar 2020 05:09
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Sample : L2003-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

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_V\METHOD\SOMVLM032720WMA.M
Title : VOC Analysis

35	5.878	1486	1489	1491	rVB3	1984	1064	0.00%	0.000%
36	5.939	1497	1508	1522	rVV9	21180	48577	0.03%	0.010%
37	6.051	1538	1543	1544	rBV3	2652	2205	0.00%	0.000%
38	6.096	1544	1557	1571	rBV2	382441	819779	0.46%	0.170%
39	6.296	1616	1619	1622	rVB4	1871	1035	0.00%	0.000%
40	6.341	1631	1633	1636	rVB4	1863	1134	0.00%	0.000%
41	6.379	1636	1645	1647	rBV9	7773	8949	0.00%	0.002%
42	6.447	1663	1666	1669	rVB4	2573	1915	0.00%	0.000%
43	6.466	1669	1672	1677	rBV7	2800	2213	0.00%	0.000%
44	6.492	1677	1680	1682	rBV3	1489	927	0.00%	0.000%
45	6.537	1682	1694	1706	rVV3	14466	30155	0.02%	0.006%
46	6.749	1758	1760	1763	rBV4	1535	875	0.00%	0.000%
47	6.797	1773	1775	1777	rVV3	1502	826	0.00%	0.000%
48	6.826	1777	1784	1791	rVB3	5270	7058	0.00%	0.001%
49	6.926	1811	1815	1816	rBV3	1286	1104	0.00%	0.000%
50	7.010	1827	1841	1856	rBV2	226160	411290	0.23%	0.085%
51	7.116	1872	1874	1877	rVB3	2230	1087	0.00%	0.000%
52	7.225	1904	1908	1910	rBV5	2276	1582	0.00%	0.000%
53	7.257	1916	1918	1920	rBV3	1674	937	0.00%	0.000%
54	7.338	1929	1943	1959	rBV	790426	1382589	0.77%	0.286%
55	7.415	1960	1967	1980	rVV2	35868	70504	0.04%	0.015%
56	7.473	1983	1985	1989	rVB5	1603	1095	0.00%	0.000%
57	7.511	1995	1997	1998	rBV2	1909	937	0.00%	0.000%
58	7.566	2010	2014	2016	rBV4	2695	2447	0.00%	0.001%
59	7.643	2027	2038	2058	rBV	162158	282494	0.16%	0.058%
60	7.810	2086	2090	2093	rBV5	1524	1429	0.00%	0.000%
61	7.858	2100	2105	2107	rBV6	2635	2390	0.00%	0.000%
62	7.875	2107	2110	2114	rVV5	1762	1439	0.00%	0.000%
63	7.997	2141	2148	2164	rVB2	34205	63022	0.04%	0.013%
64	8.055	2164	2166	2169	rVB3	1622	984	0.00%	0.000%
65	8.080	2170	2174	2176	rBV4	2011	1483	0.00%	0.000%
66	8.122	2176	2187	2213	rBV	490955	956675	0.53%	0.198%
67	8.383	2264	2268	2276	rVB	3785	5228	0.00%	0.001%
68	8.424	2276	2281	2285	rBV7	2201	2452	0.00%	0.001%
69	8.527	2310	2313	2316	rVB4	1954	1091	0.00%	0.000%
70	8.563	2322	2324	2330	rVB7	1578	1353	0.00%	0.000%
71	8.588	2330	2332	2334	rBV3	1896	1158	0.00%	0.000%

LSC Area Percent Report

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Sample : L2003-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

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_V\METHOD\SOMVLM032720WMA.M
Title : VOC Analysis

72	8.633	2342	2346	2350	rBV6	1152	1106	0.00%	0.000%
73	8.659	2350	2354	2358	rVB6	1817	1470	0.00%	0.000%
74	8.759	2382	2385	2388	rVB4	2386	1751	0.00%	0.000%
75	8.778	2388	2391	2395	rBV6	2496	2164	0.00%	0.000%
76	8.801	2396	2398	2403	rVB5	1463	803	0.00%	0.000%
77	9.849	2722	2724	2725	rBV2	2189	894	0.00%	0.000%
78	9.948	2753	2755	2756	rBV2	2754	1113	0.00%	0.000%
79	10.048	2783	2786	2787	rBV3	2373	1422	0.00%	0.000%
80	10.241	2834	2846	2861	rBV	947438	1479150	0.82%	0.306%
81	10.450	2902	2911	2926	rVB	91915	145187	0.08%	0.030%
82	10.566	2939	2947	2963	rVB2	54700	90097	0.05%	0.019%
83	10.800	3017	3020	3021	rBV3	1644	935	0.00%	0.000%
84	10.890	3043	3048	3059	rVB3	9061	15664	0.01%	0.003%
85	10.945	3059	3065	3081	rVB8	6600	13659	0.01%	0.003%
86	11.003	3081	3083	3085	rBV3	1671	1053	0.00%	0.000%
87	11.051	3096	3098	3102	rVB5	2232	1046	0.00%	0.000%
88	11.215	3132	3149	3162	rBV2	48933665	82498285	46.00%	17.061%
89	12.421	3514	3524	3539	rVB	708684	1070282	0.60%	0.221%
90	12.604	3569	3581	3592	rBV2	198040	482873	0.27%	0.100%
91	12.665	3592	3600	3615	rVB2	384275	619618	0.35%	0.128%
92	12.775	3624	3634	3650	rVB	357924	560302	0.31%	0.116%
93	13.022	3703	3711	3726	rVB3	43311	82313	0.05%	0.017%
94	13.302	3780	3798	3821	rBV2	114986465	179348128	100.00%	37.090%
95	13.530	3864	3869	3884	rVB	32917	55203	0.03%	0.011%
96	13.775	3930	3945	3970	rBV	26736311	40670005	22.68%	8.411%
97	14.173	4061	4069	4081	rBV3	124591	194179	0.11%	0.040%
98	14.640	4209	4214	4227	rVB6	18637	28414	0.02%	0.006%
99	14.849	4263	4279	4297	rVB	1049898	1813262	1.01%	0.375%
100	15.424	4445	4458	4479	rBV	3105893	4828408	2.69%	0.999%

Sum of corrected areas: 483550716

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
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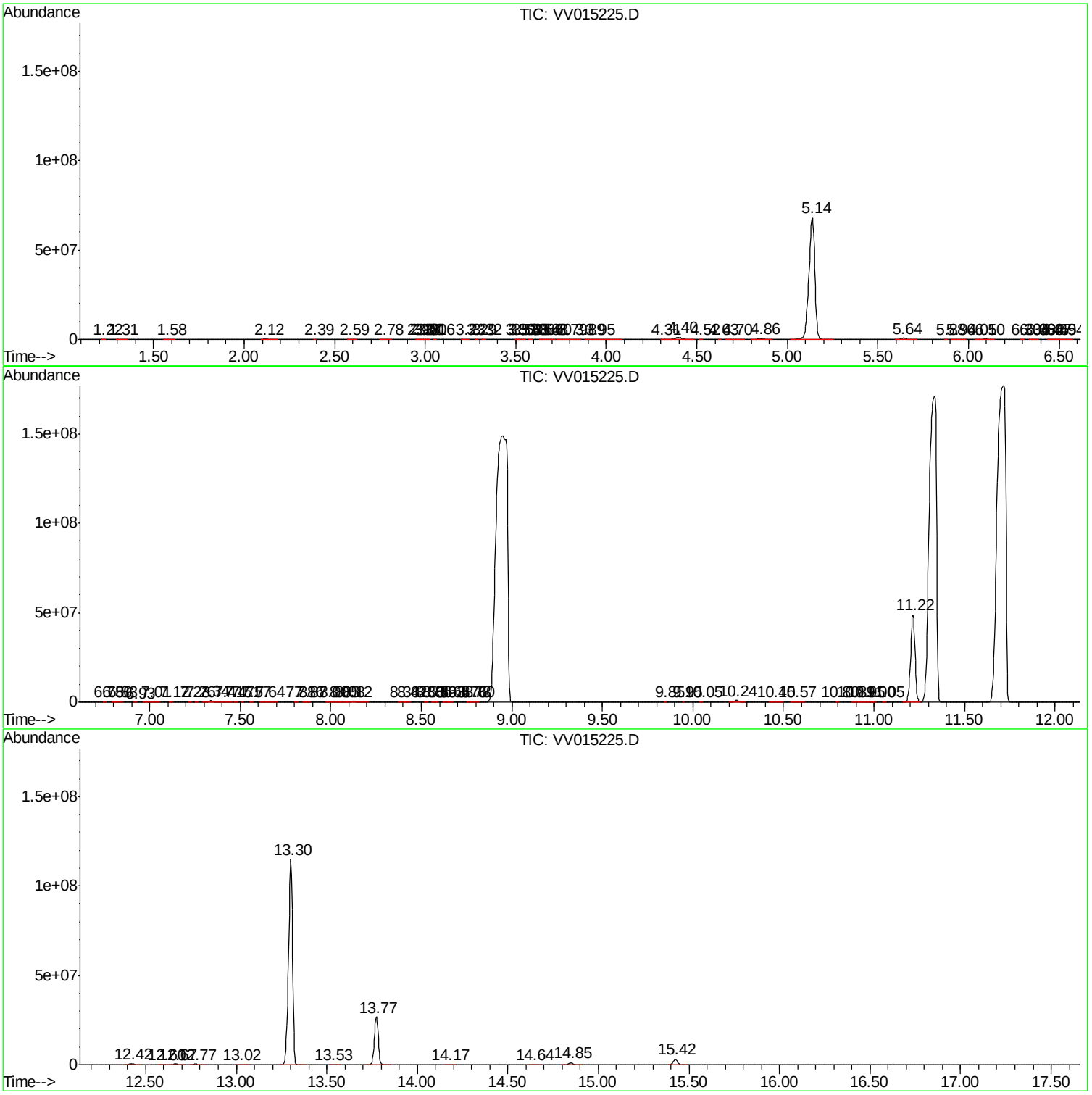
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
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Acq On : 28 Mar 2020 05:09
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

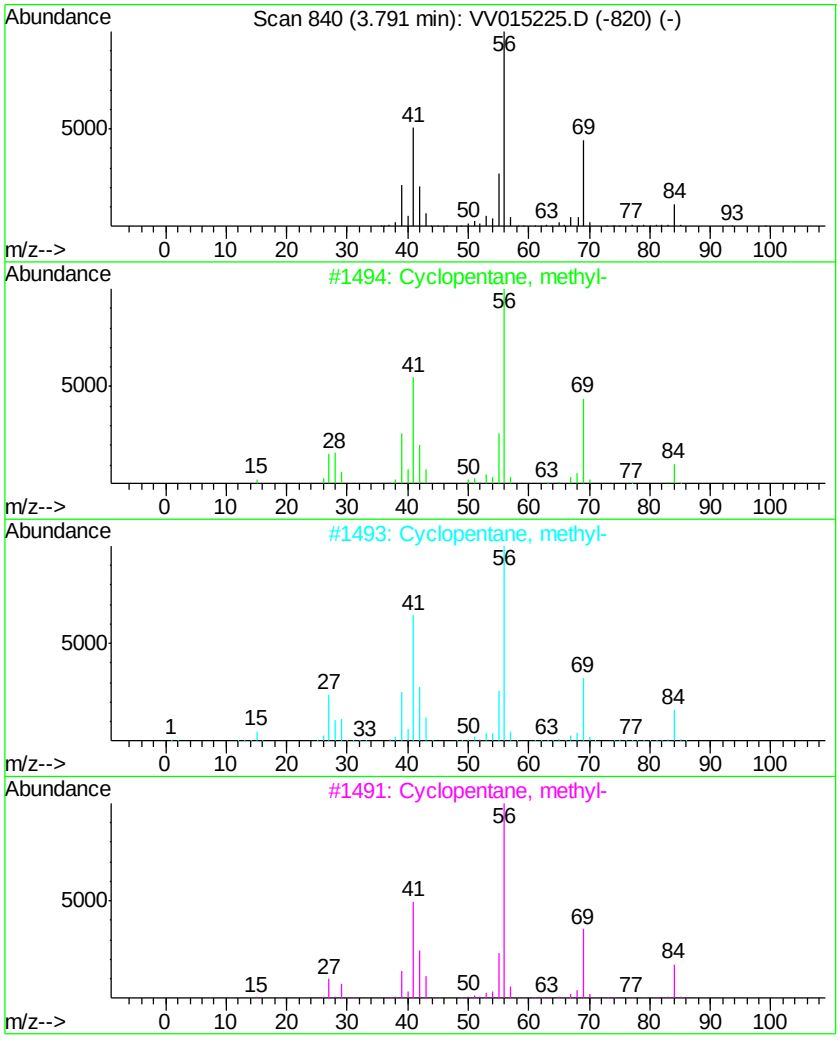
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

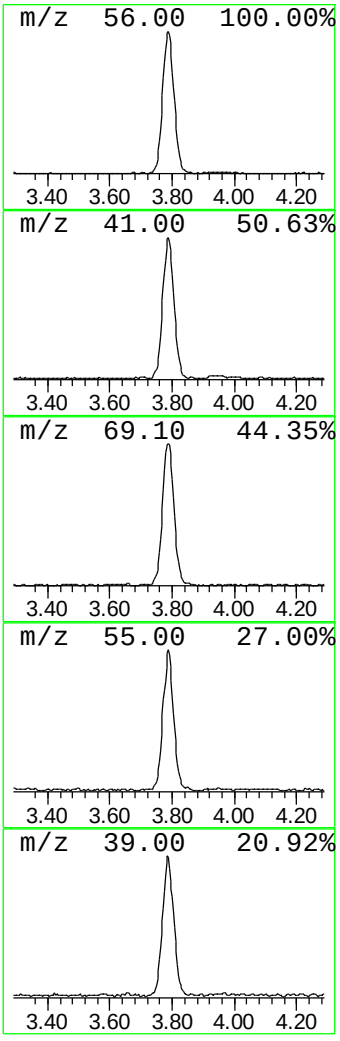
****

Peak Number 1 (DEL) Alkane: Cyclic3.79 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	17.68 ug/L	552947	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

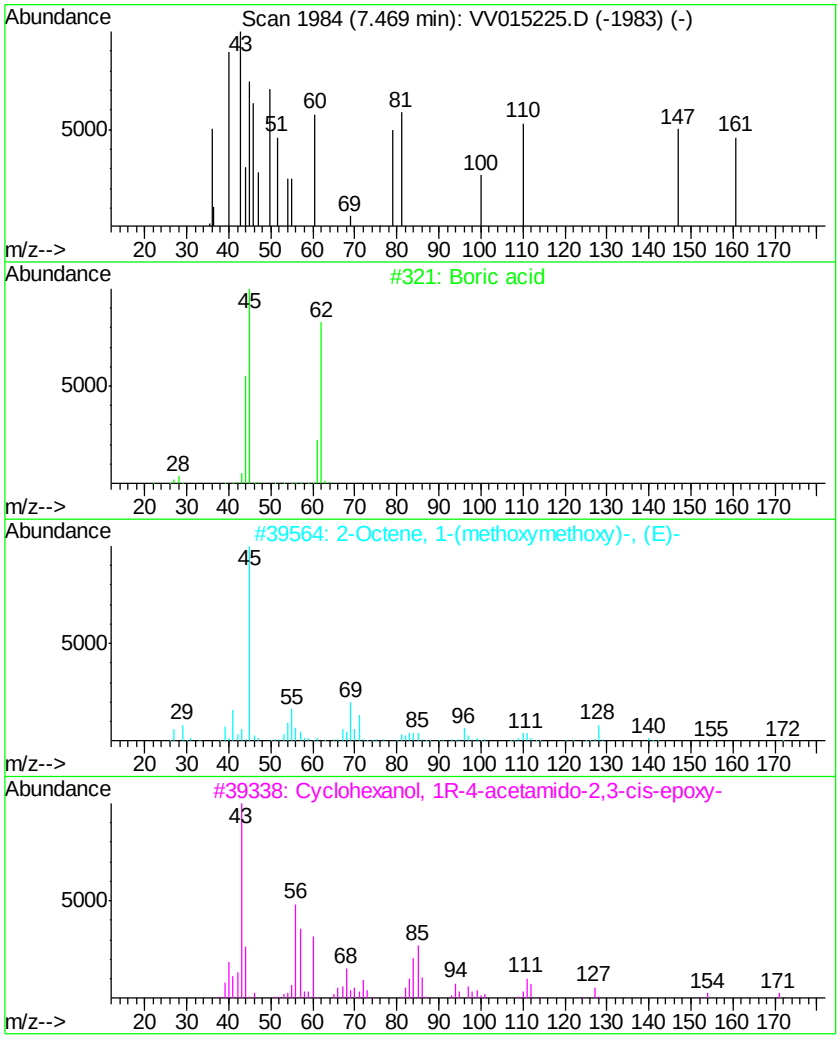
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

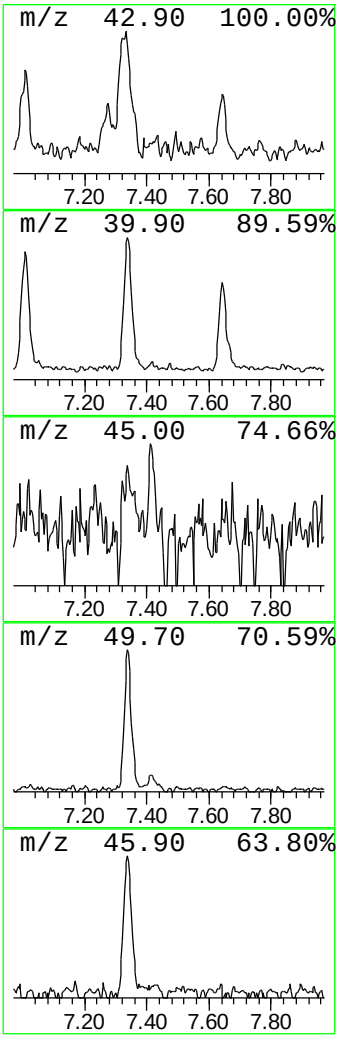
****

Peak Number 3 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	68.18 ug/L	1095	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid	62	BH3O3	010043-35-3	9
2	2-Octene, 1-(methoxymethoxy)-, (E)-	172	C10H20O2	142509-32-8	9
3	Cyclohexanol, 1R-4-acetamido-2,3...	171	C8H13NO3	077803-84-0	9
4	Dimethoxyamine	77	C2H7NO2	007487-32-3	9
5	Sulfonium, dimethyl-, cyanonitro...	146	C4H6N2O2S	058992-18-0	7





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

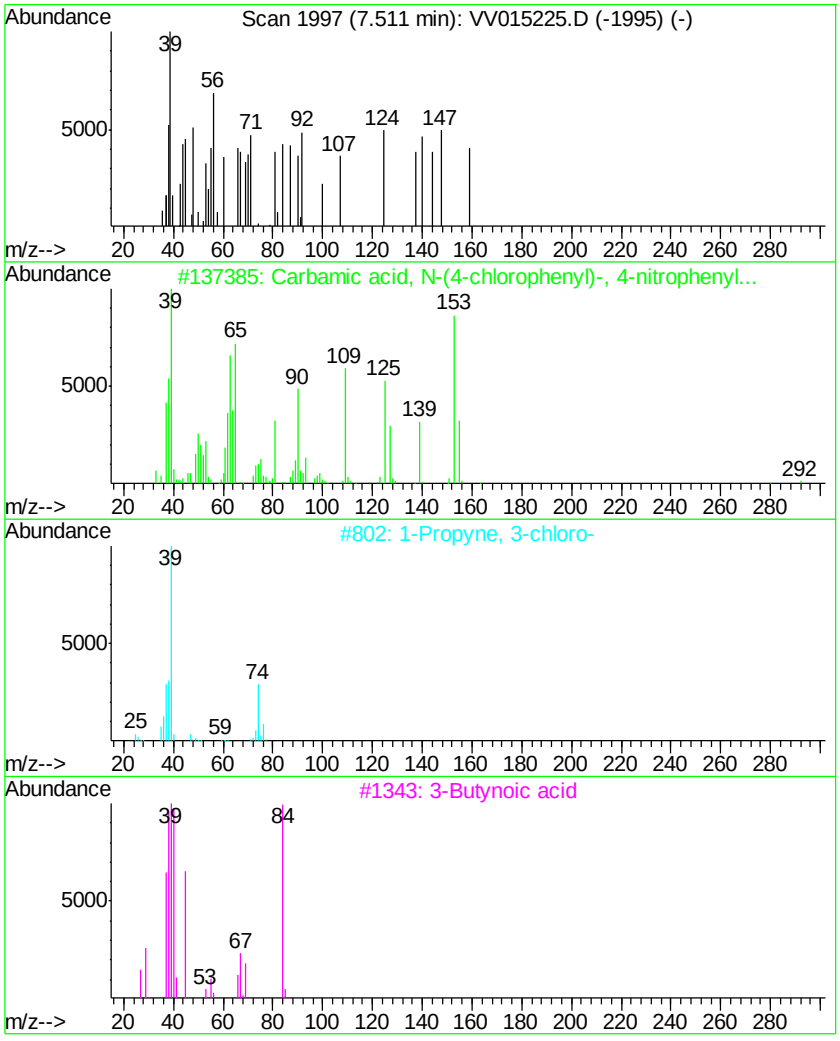
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

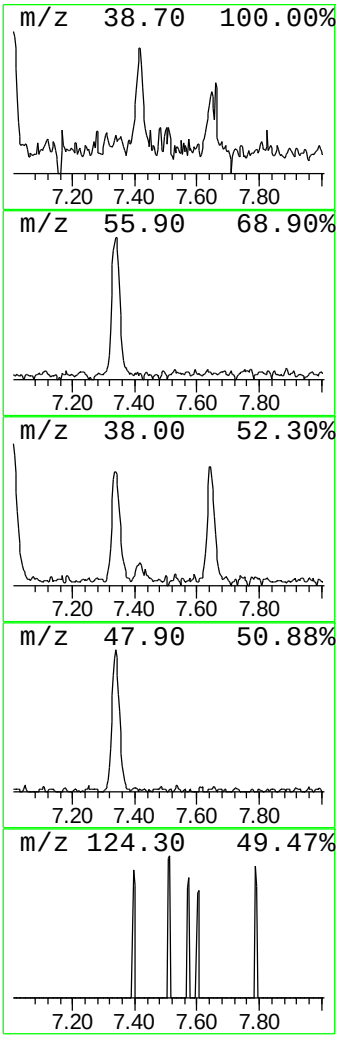
****

Peak Number 4 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	58.34 ug/L	937	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-(4-chlorophenyl...	292	C13H9ClN2O4	003848-41-7	43
2	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	38
3	3-Butynoic acid	84	C4H4O2	002345-51-9	10
4	2-Pentenedinitrile	92	C5H4N2	007717-24-0	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
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Acq On : 28 Mar 2020 05:09
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

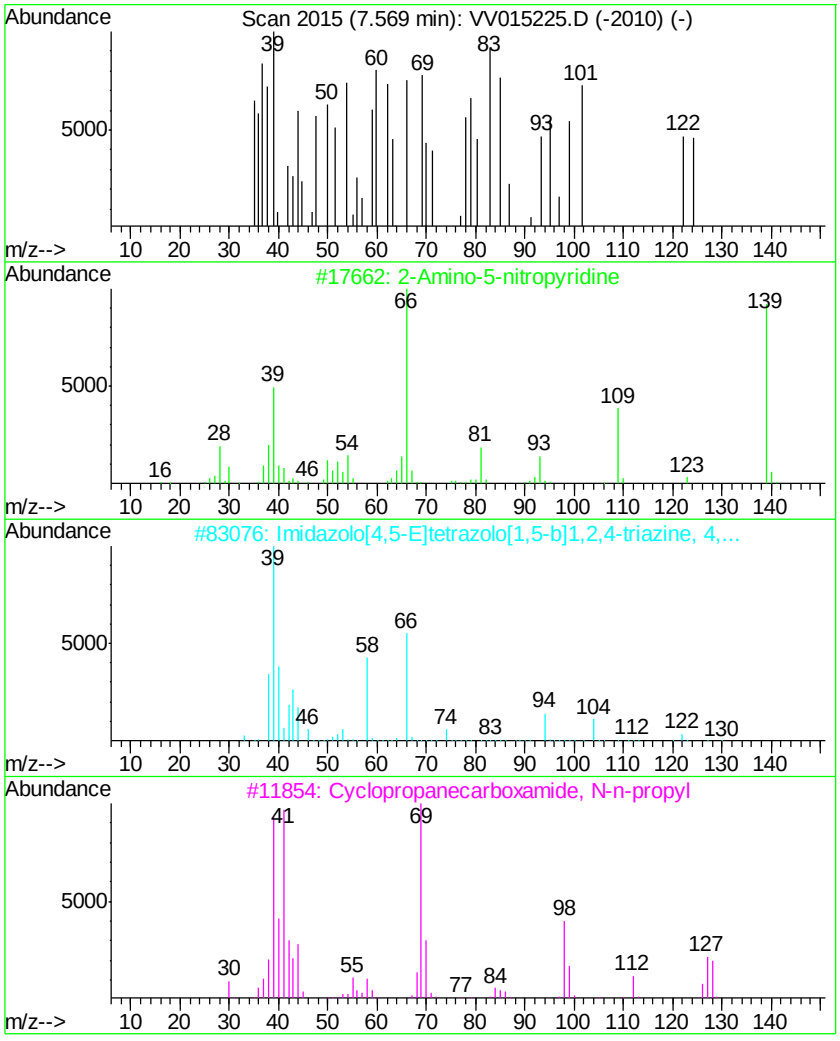
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

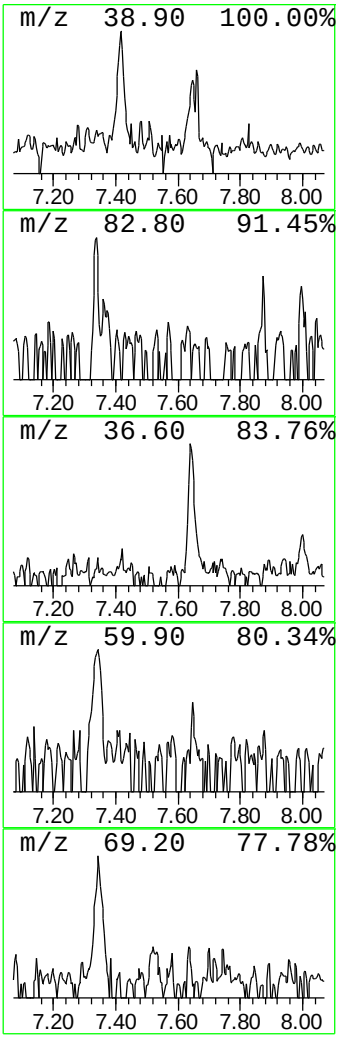
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	152.37 ug/L	2447	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-nitropyridine	139	C5H5N3O2	004214-76-0	32
2	Imidazolo[4,5-E]tetrazolo[1,5-b]...	226	C4H6N10O2	1000294-13-9	25
3	Cyclopropanecarboxamide, N-n-propyl	127	C7H13NO	026389-59-3	10
4	1-Octen-3-yne	108	C8H12	017679-92-4	10
5	2,5-Cyclooctadien-1-one	122	C8H10O	010061-05-9	10





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Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

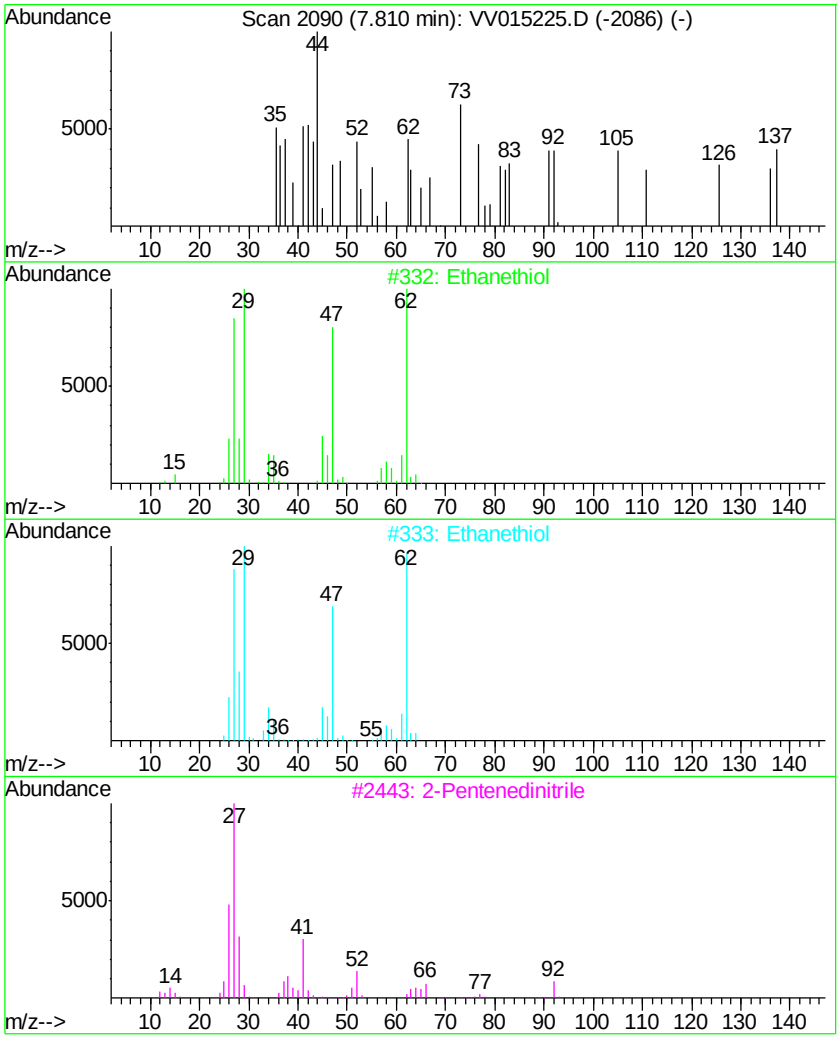
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

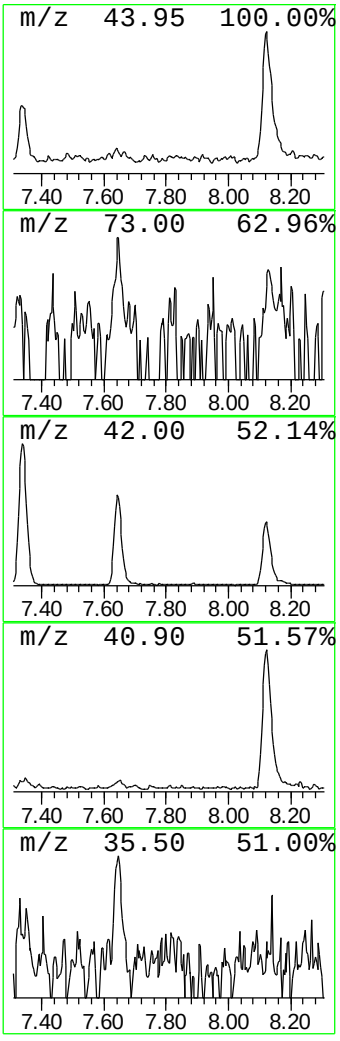
****

Peak Number 6 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	88.98 ug/L	1429	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	9
2	Ethanethiol	62	C2H6S	000075-08-1	9
3	2-Pentenedinitrile	92	C5H4N2	007717-24-0	9
4	3,3-Dichloropropyne	108	C3H2Cl2	025523-14-2	9
5	Acetamide, 2,2-dichloro-	127	C2H3Cl2NO	000683-72-7	9





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Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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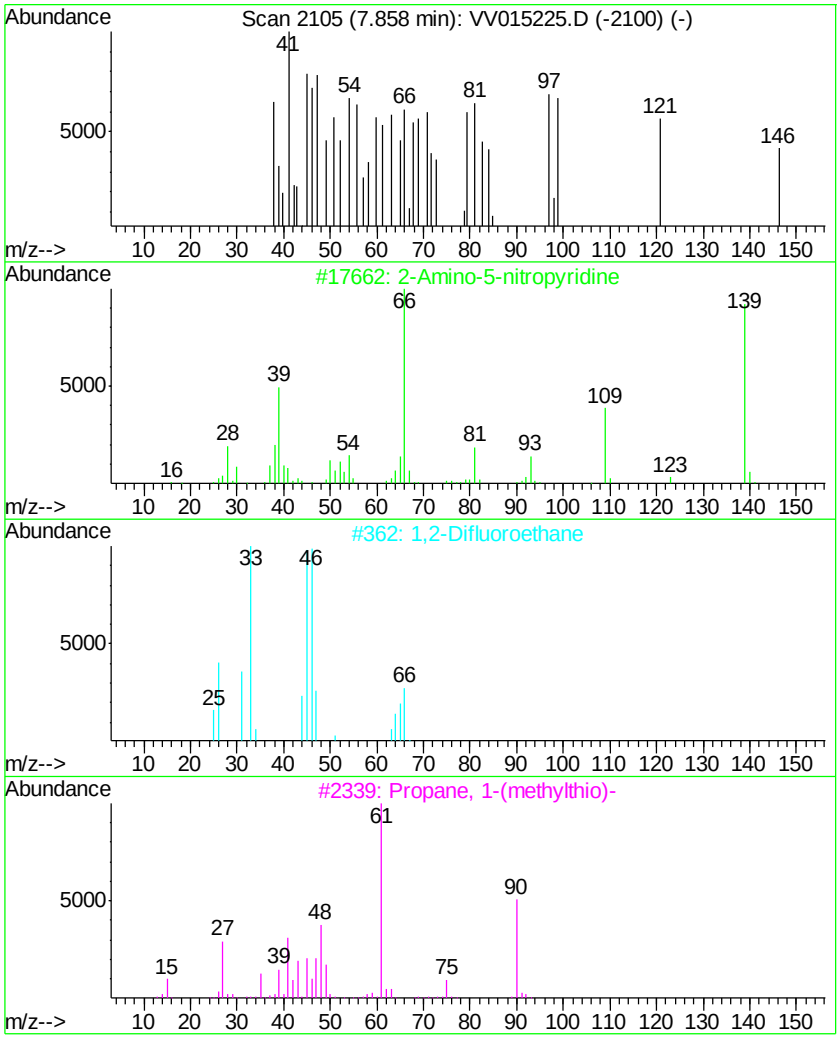
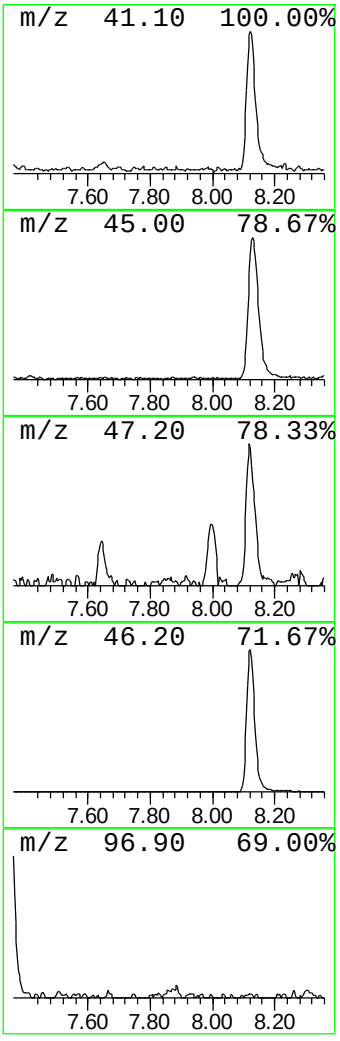
Peak Number 7 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	148.82 ug/L	2390	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-nitropyridine	139	C5H5N3O2	004214-76-0	10
2	1,2-Difluoroethane	66	C2H4F2	000624-72-6	9
3	Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	9
4	2-Cyclohepten-1-one	110	C7H10O	001121-66-0	9
5	3,3,4,4-Tetrafluoro-1,2-oxazetidine	131	C2HF4NO	1000305-82-3	9





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Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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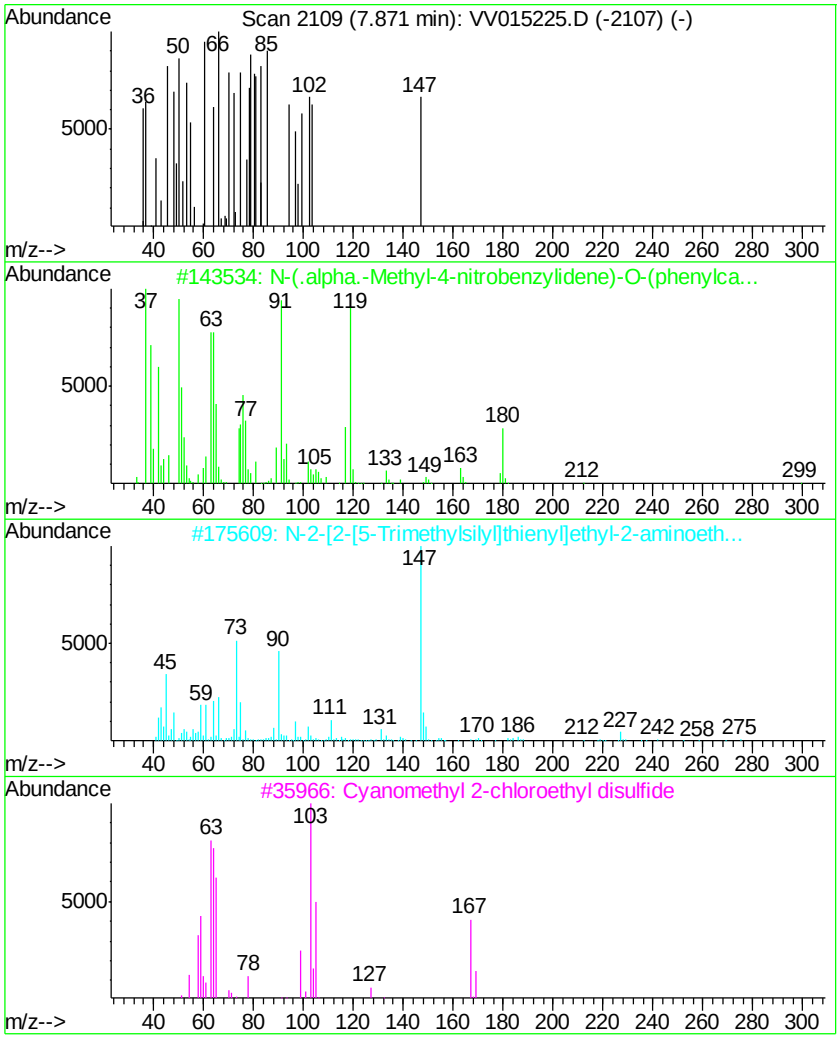
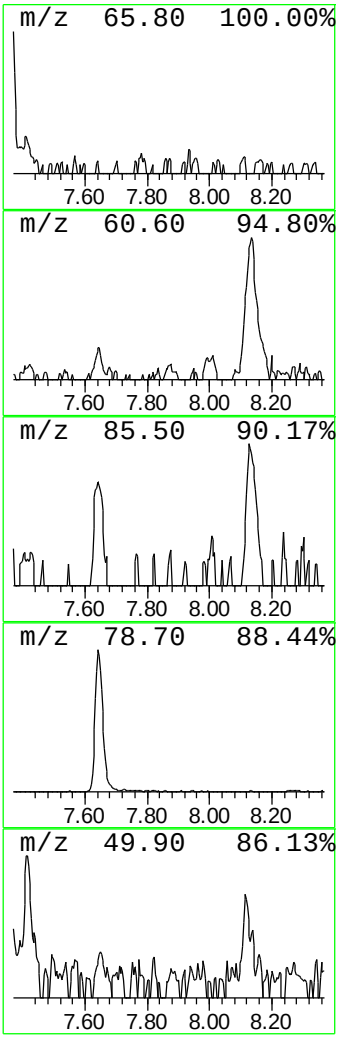
Peak Number 8 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	89.60 ug/L	1439	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(.alpha.-Methyl-4-nitrobenzyli...	299	C15H13N3O4	1000223-36-2	47
2	N-2-[2-[5-Trimethylsilyl]thienyl...	339	C11H21NO3S3Si	1000256-89-8	12
3	Cyanomethyl 2-chloroethyl disulfide	167	C4H6ClNS2	1000226-70-1	12
4	2,4-Dinitrobenzoic acid	212	C7H4N2O6	000610-30-0	10
5	2H-Isoindole-1,3(1H,3H)-dione, 5...	268	C15H12N2O3	313515-42-3	9





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Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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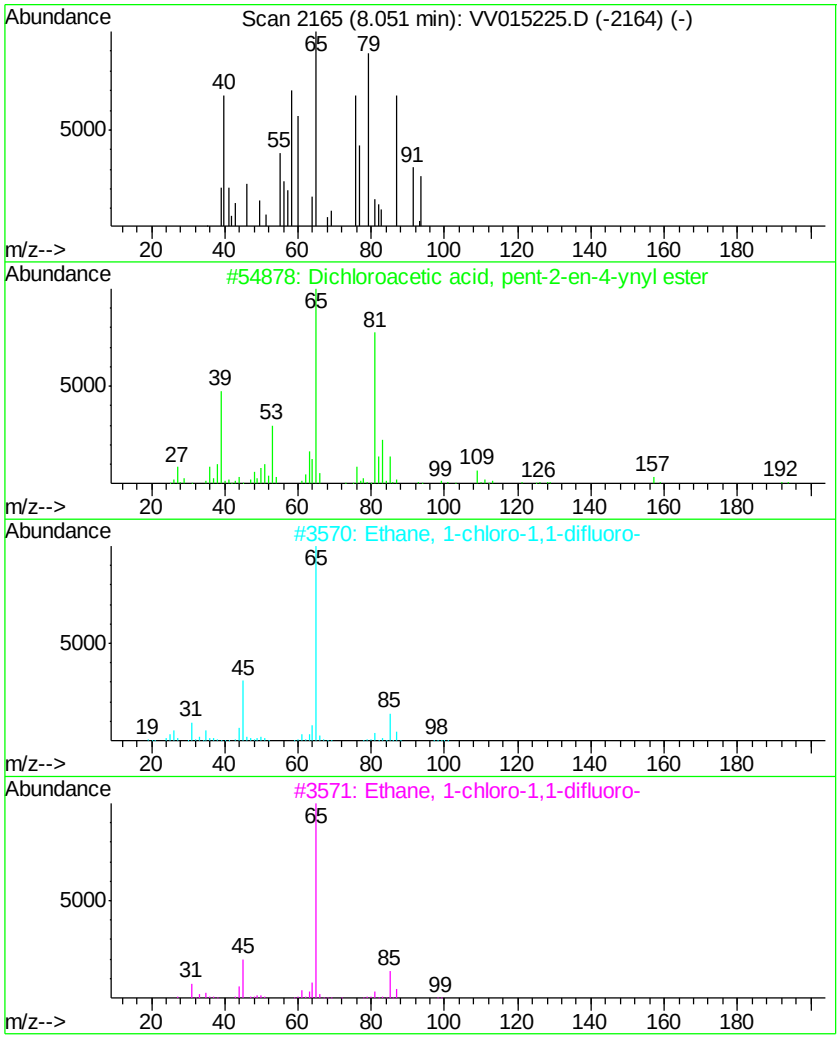
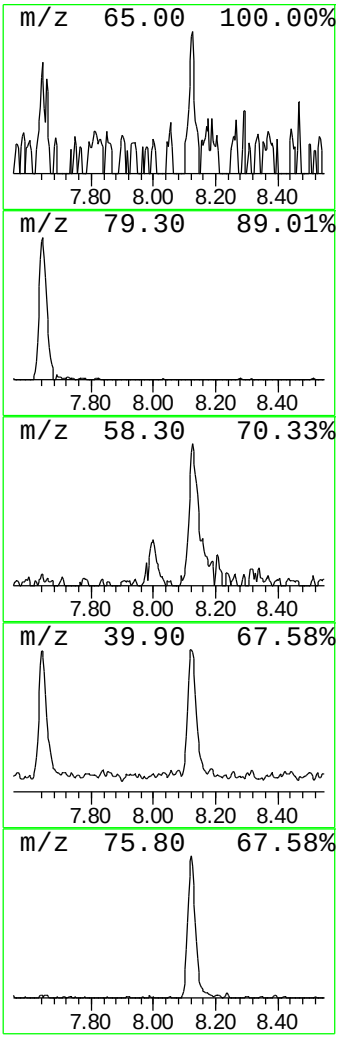
Peak Number 9 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	61.27 ug/L	984	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, pent-2-en-4...	192	C7H6Cl2O2	1000299-43-1	12
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9
3	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9
4	Trichloroacetic acid, pent-2-en-...	226	C7H5Cl3O2	1000299-25-6	9
5	p,.beta.-Dinitrostyrene	194	C8H6N2O4	003156-41-0	9





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Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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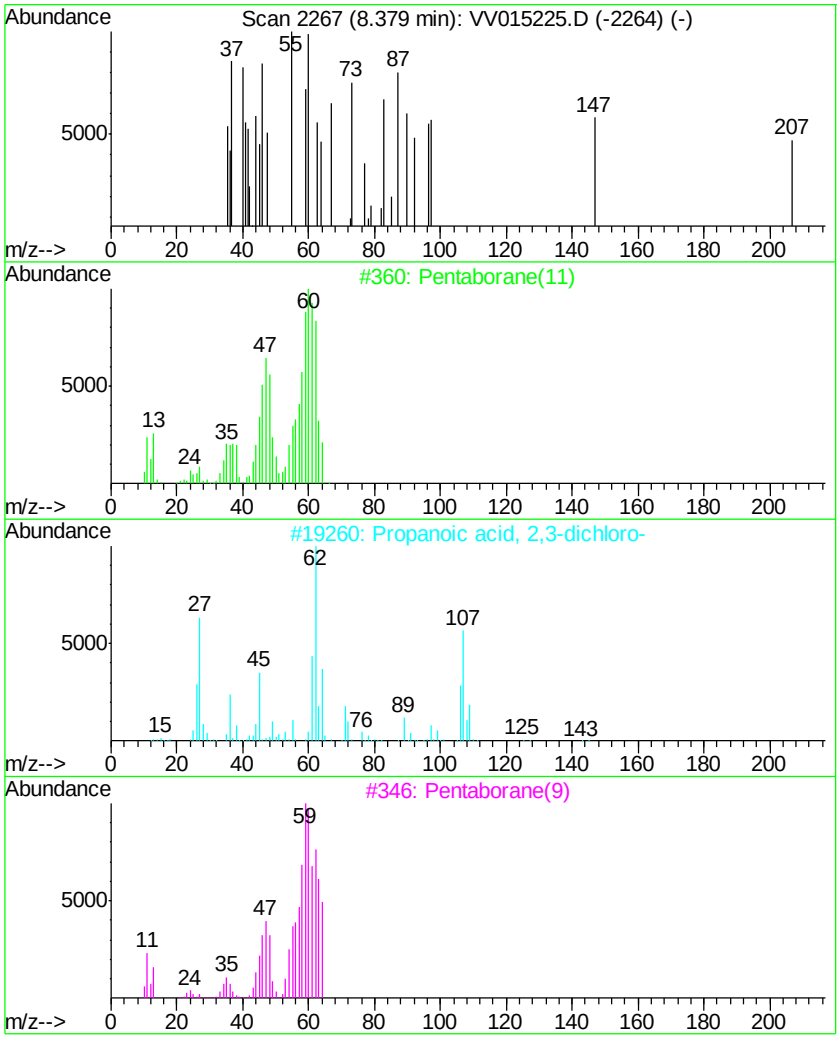
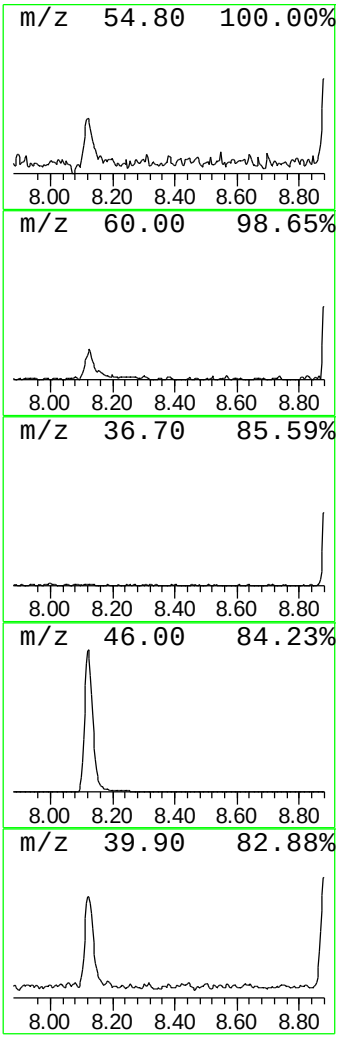
Peak Number 10 Pentaborane(11) Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	325.53 ug/L	5228	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaborane(11)	66	B5H11	018433-84-6	50
2	Propanoic acid, 2,3-dichloro-	142	C3H4Cl2O2	000565-64-0	38
3	Pentaborane(9)	64	B5H9	019624-22-7	38
4	Pyridine-4-aldehyde, N-ethoxycar...	193	C9H11N3O2	083710-34-3	23
5	Propanoic acid, 2,2-dichloro-	142	C3H4Cl2O2	000075-99-0	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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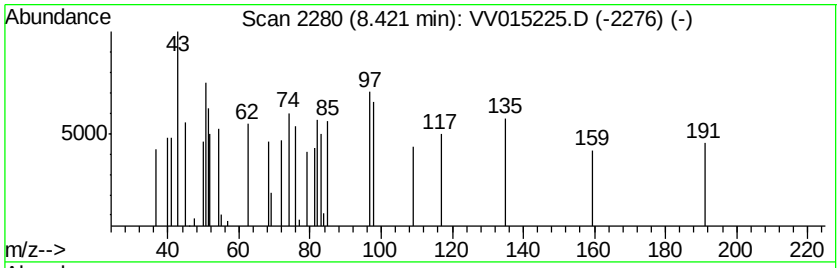
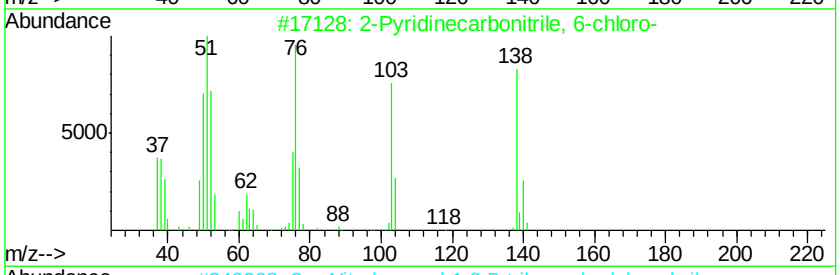
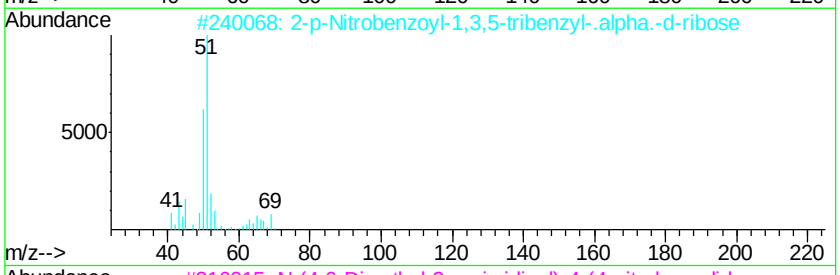
Peak Number 11 unknown-08 Concentration Rank 2

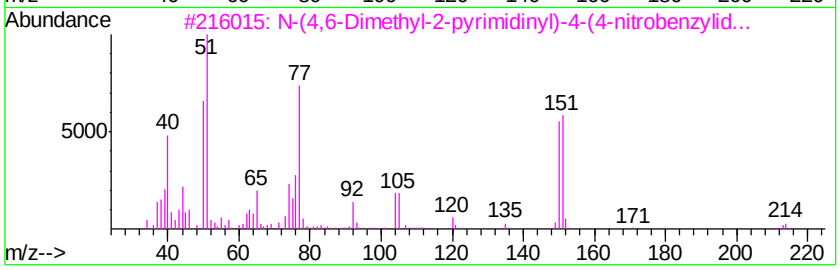
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	152.68 ug/L	2452	Chlorobenzene-d5	8.92

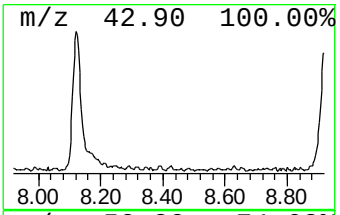
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinecarbonitrile, 6-chloro-	138	C6H3ClN2	033252-29-8	9
2	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	9
3	N-(4,6-Dimethyl-2-pyrimidinyl)-4...	411	C19H17N5O4S	328111-25-7	9
4	Benzeneethanamine, .beta.-methyl-	135	C9H13N	000582-22-9	7
5	Methylthio-2-propanone	104	C4H8OS	014109-72-9	7

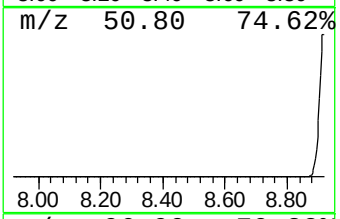


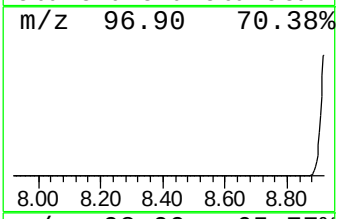


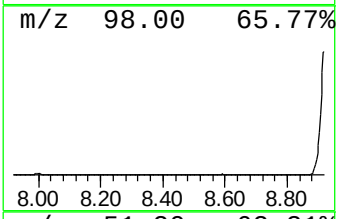


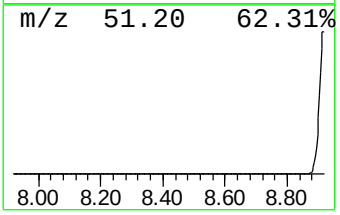












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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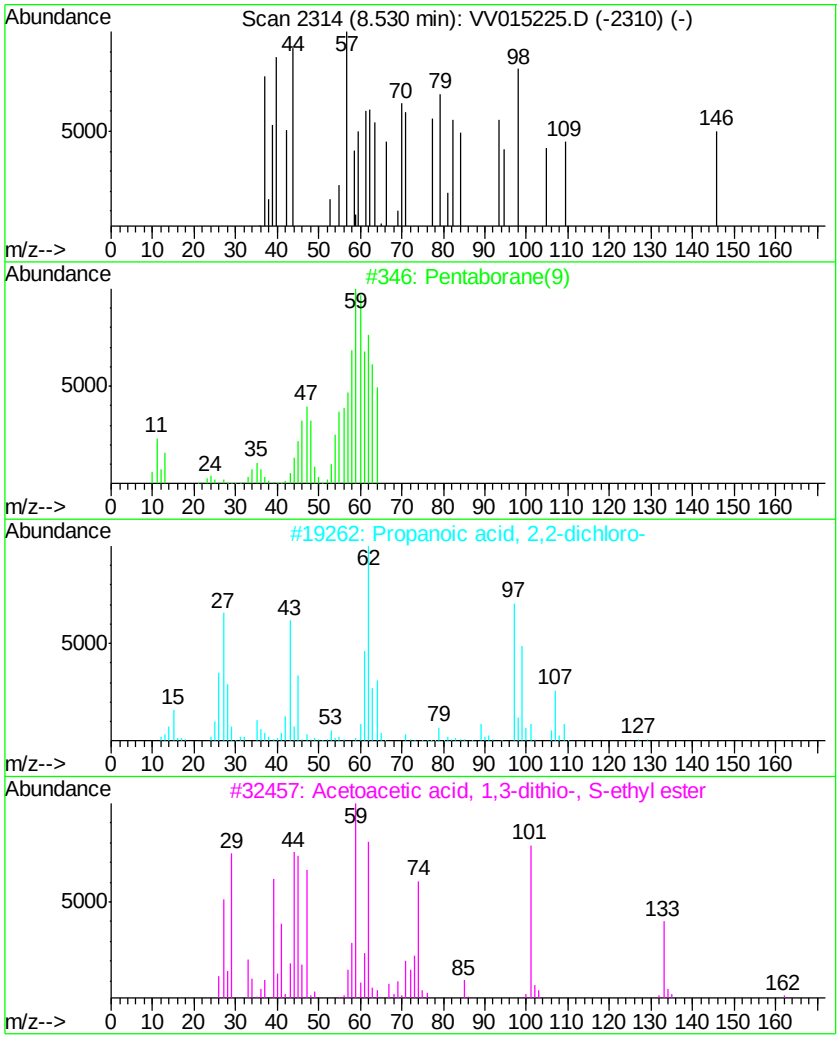
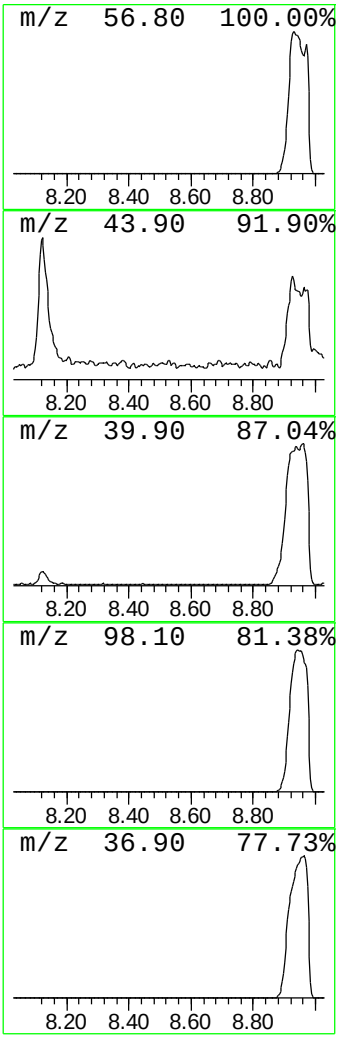
Peak Number 12 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	67.93 ug/L	1091	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaborane(9)	64	B5H9	019624-22-7	12
2	Propanoic acid, 2,2-dichloro-	142	C3H4Cl2O2	000075-99-0	9
3	Acetoacetic acid, 1,3-dithio-, S...	162	C6H10OS2	020383-01-1	9
4	Ethane, 1,2-dichloro-	98	C2H4Cl2	000107-06-2	7
5	Ethane, 1,2-dichloro-	98	C2H4Cl2	000107-06-2	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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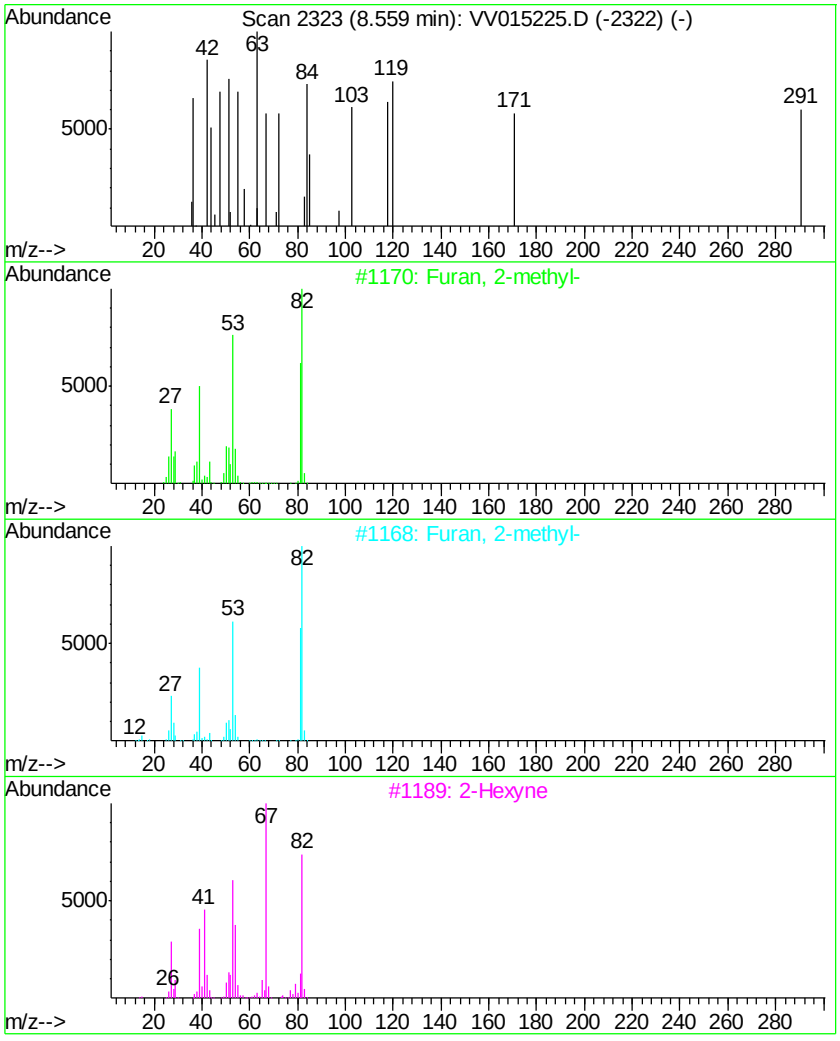
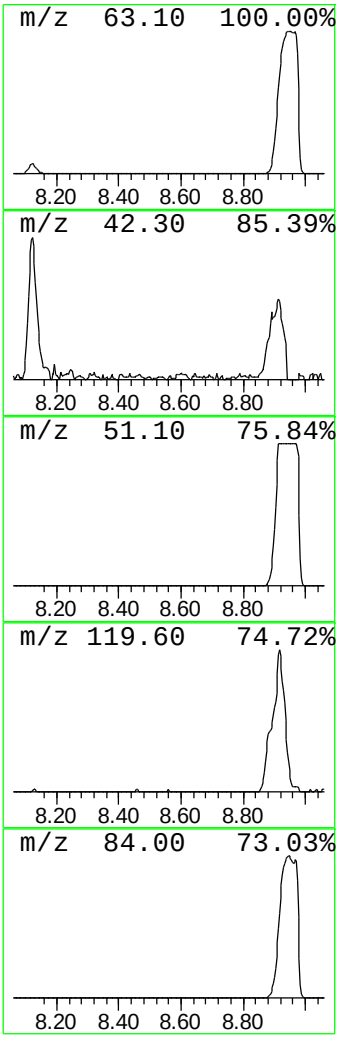
Peak Number 13 unknown-10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	84.25 ug/L	1353	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-methyl-	82	C5H6O	000534-22-5	11
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	11
3	2-Hexyne	82	C6H10	000764-35-2	10
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	10
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	9





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Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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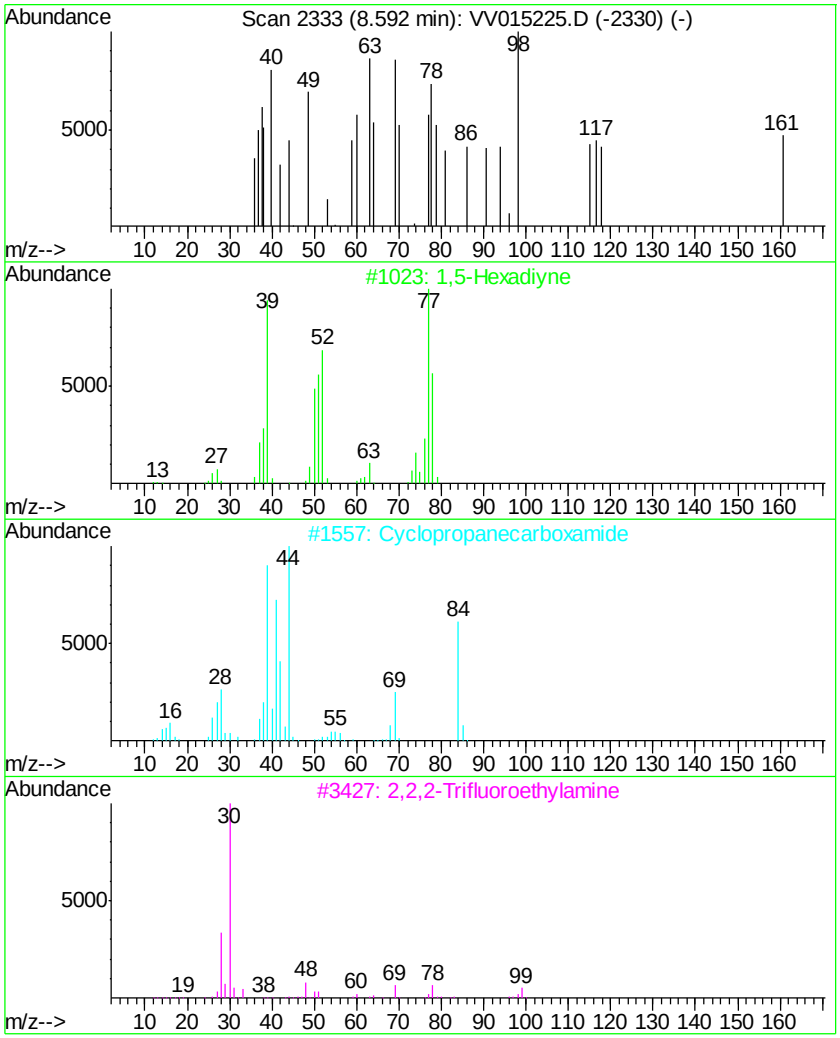
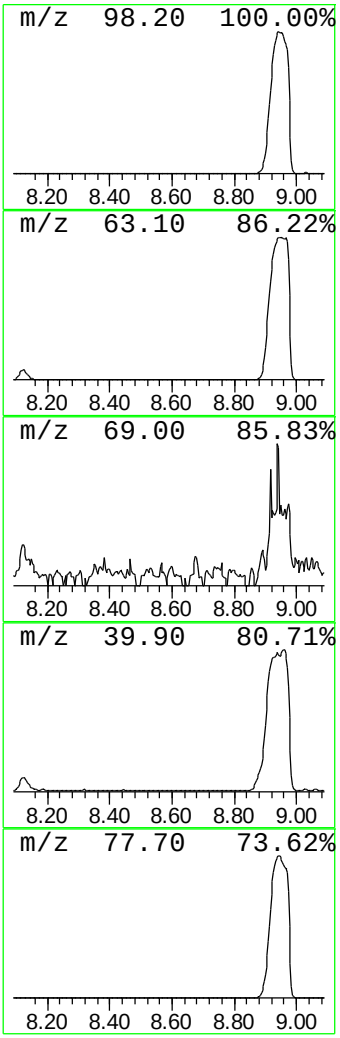
Peak Number 14 unknown-11 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	72.10 ug/L	1158	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiyne	78	C6H6	000628-16-0	9
2	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	9
3	2,2,2-Trifluoroethylamine	99	C2H4F3N	000753-90-2	4
4	4-Methyl-5H-furan-2-one	98	C5H6O2	006124-79-4	4
5	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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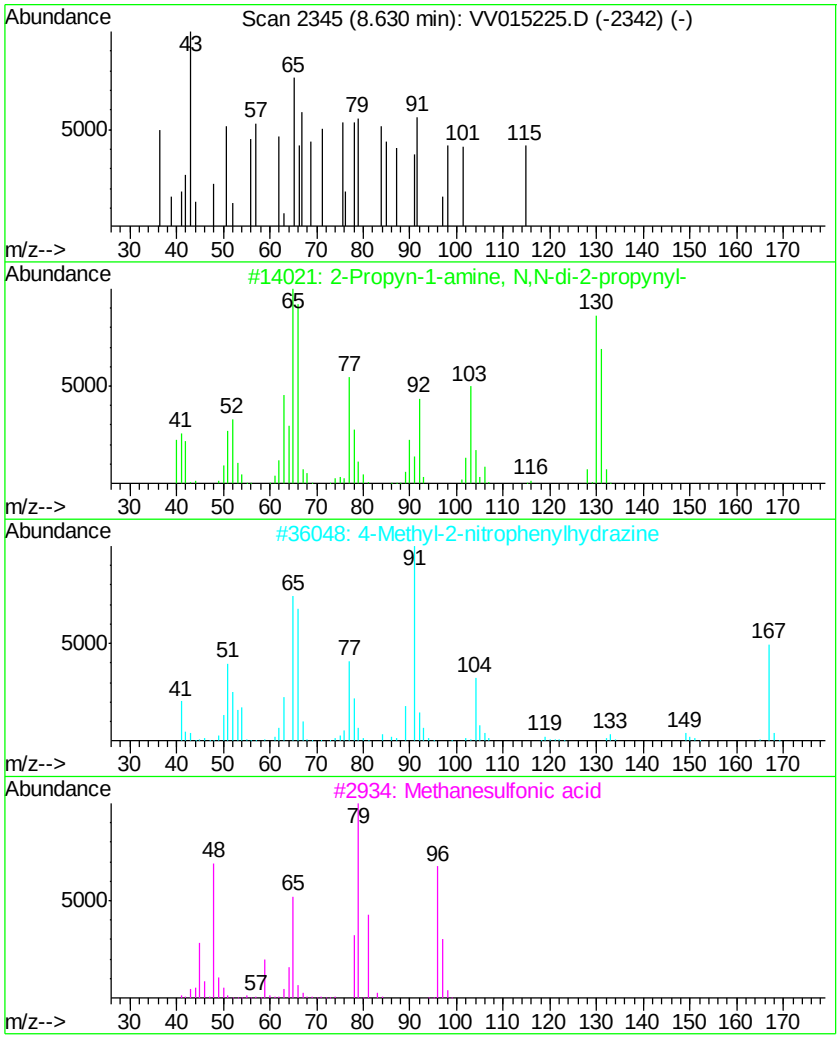
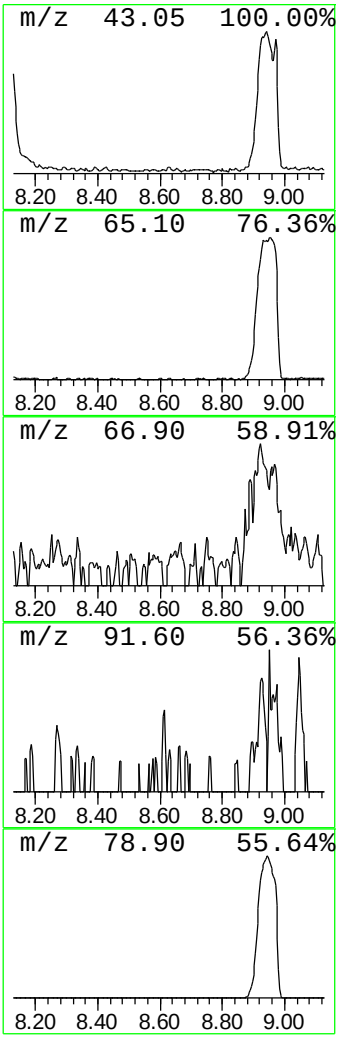
Peak Number 15 unknown-12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	68.87 ug/L	1106	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	43
2	4-Methyl-2-nitrophenylhydrazine	167	C7H9N3O2	050707-83-0	32
3	Methanesulfonic acid	96	CH4O3S	000075-75-2	22
4	3-Dodecen-1-yne, (E)-	164	C12H20	025091-25-2	17
5	trans-2-Nitrocinnamic acid	193	C9H7NO4	000612-41-9	16





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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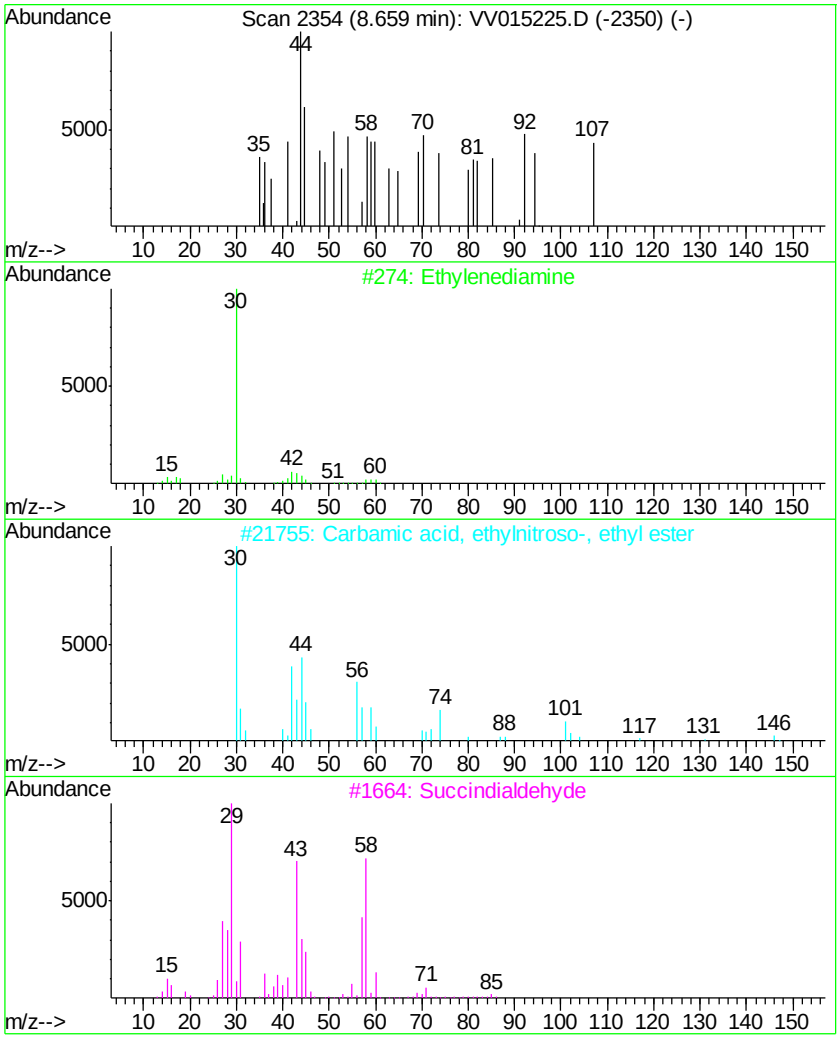
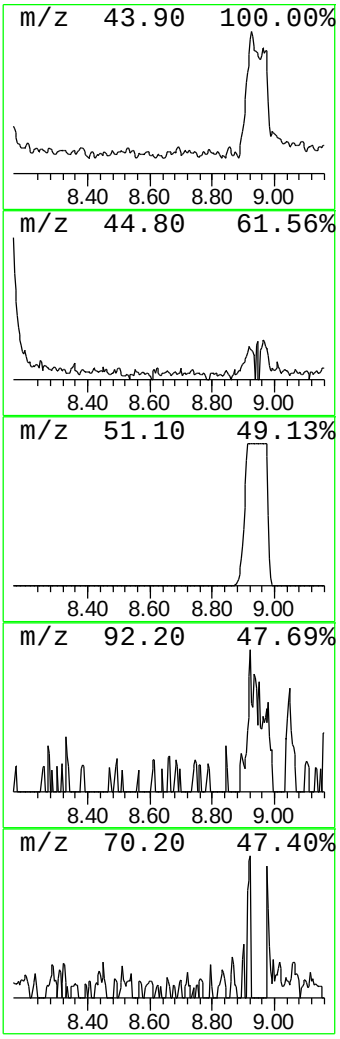
Peak Number 16 unknown-13 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	91.53 ug/L	1470	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylenediamine	60	C2H8N2	000107-15-3	9
2	Carbamic acid, ethylnitroso-, et...	146	C5H10N2O3	000614-95-9	9
3	Succindialdehyde	86	C4H6O2	000638-37-9	9
4	Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	5
5	3-hydroxy-2-thiabutane	92	C3H8OS	1000366-00-5	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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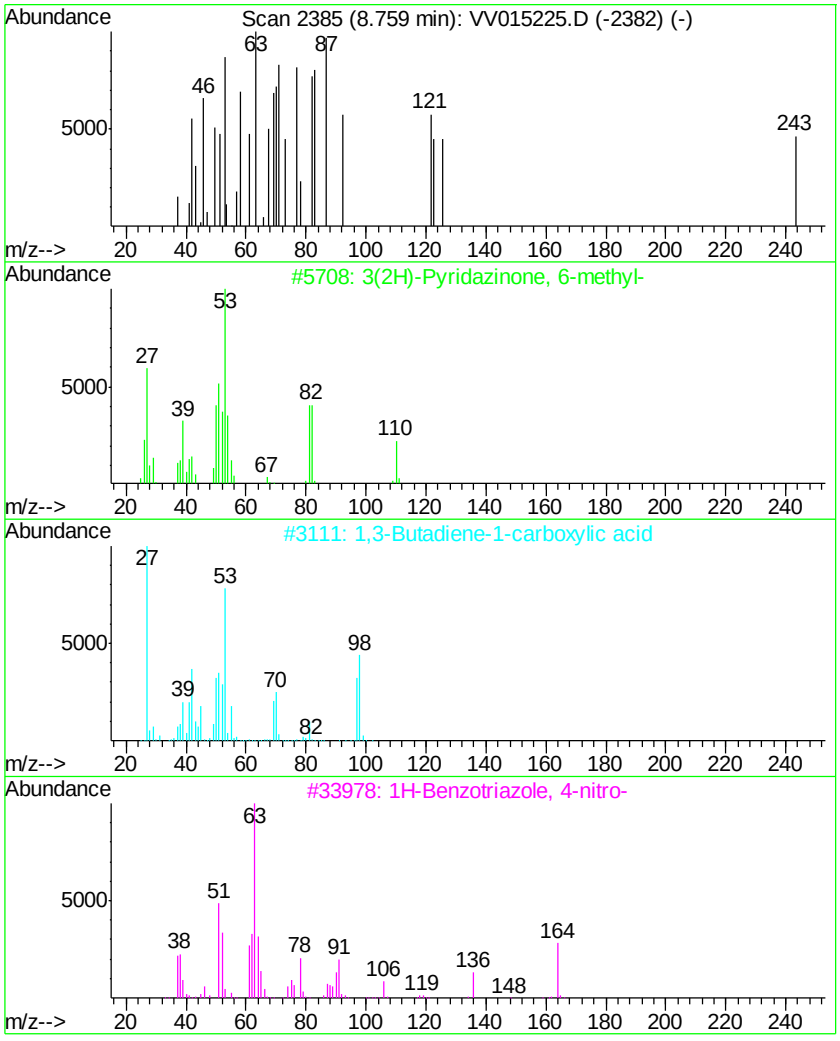
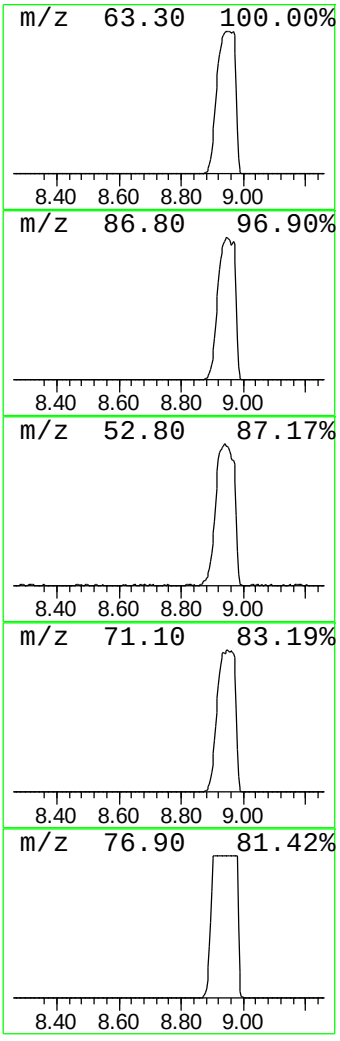
Peak Number 17 unknown-14 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	109.03 ug/L	1751	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	16
2	1,3-Butadiene-1-carboxylic acid	98	C5H6O2	000626-99-3	12
3	1H-Benzotriazole, 4-nitro-	164	C6H4N4O2	006299-39-4	9
4	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	9
5	Benzene, 4-methoxy-1-nitro-2-(tr...	221	C8H6F3NO3	000344-39-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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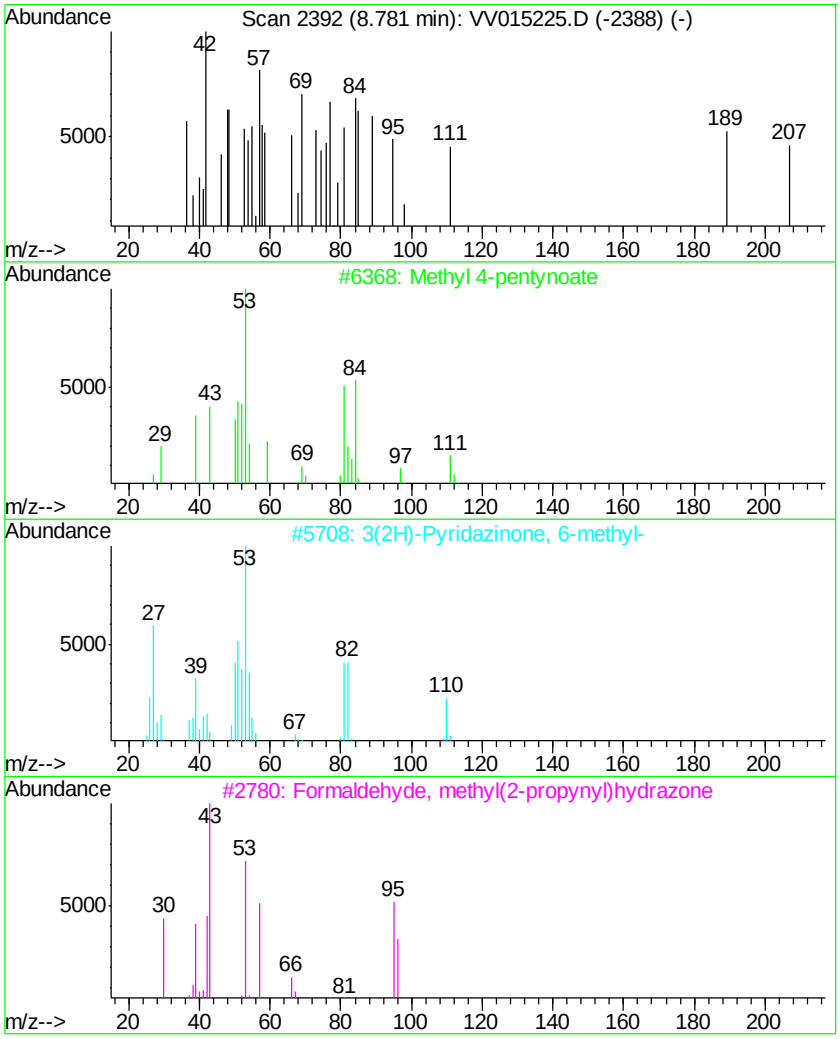
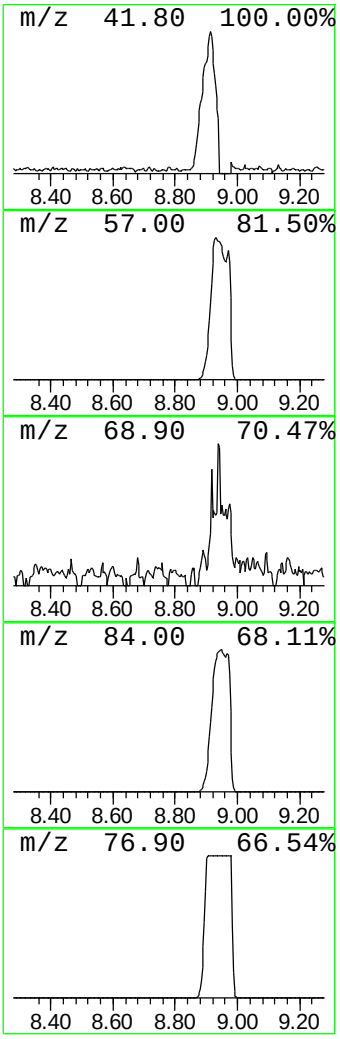
Peak Number 18 unknown-15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	134.75 ug/L	2164	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 4-pentynoate	112	C6H8O2	021565-82-2	32
2	3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	27
3	Formaldehyde, methyl(2-propynyl)...	96	C5H8N2	110213-10-0	25
4	Cyclobut-1-enylmethanol	84	C5H8O	089182-08-1	12
5	Acetylene dicarboxamide	112	C4H4N2O2	000543-21-5	12





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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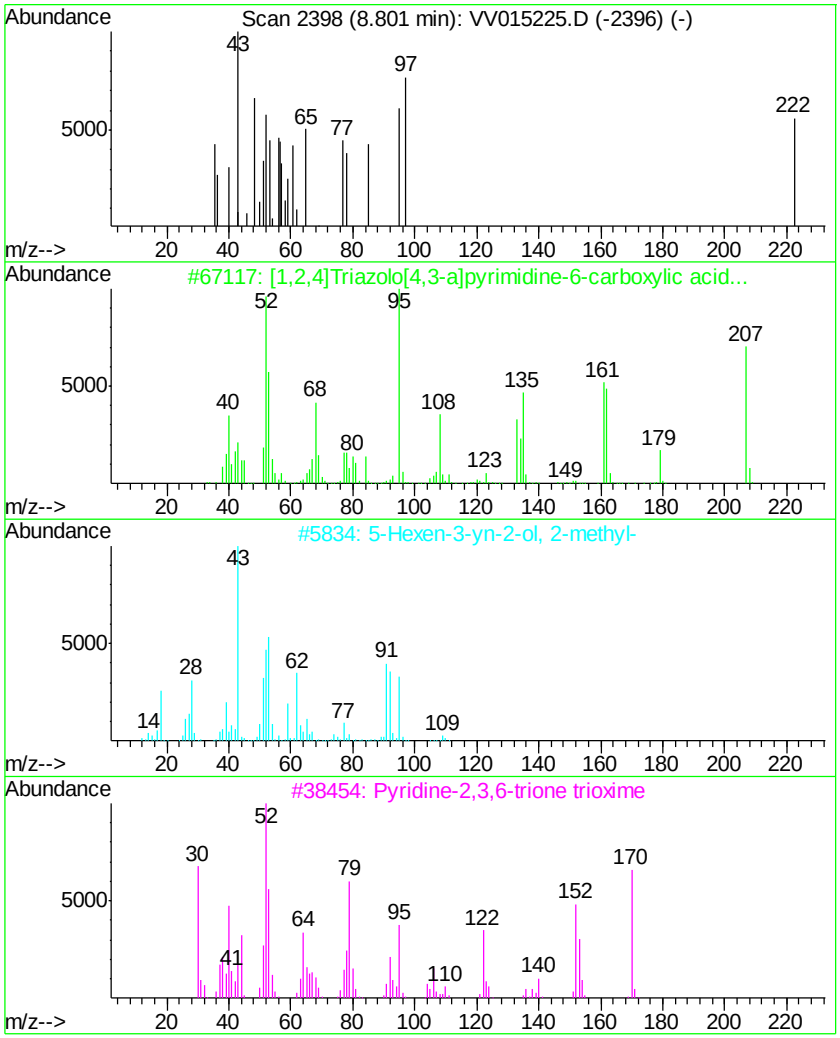
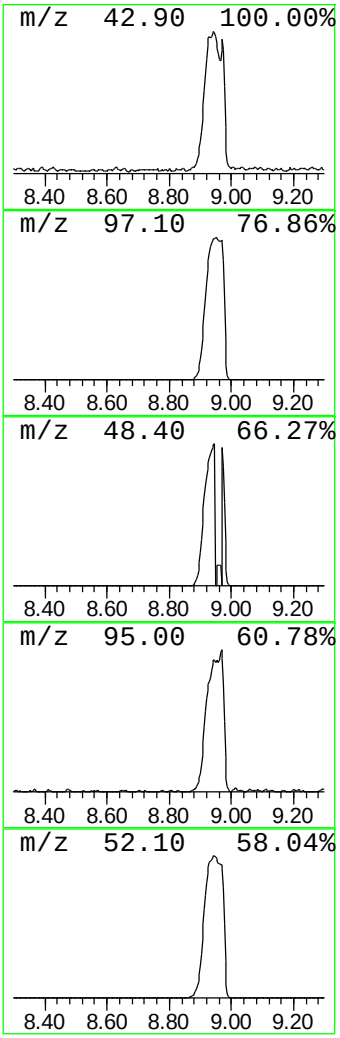
Peak Number 19 unknown-16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	50.00 ug/L	803	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,4]Triazolo[4,3-a]pyrimidine...	207	C8H9N5O2	1000351-68-2	16
2	5-Hexen-3-yn-2-ol, 2-methyl-	110	C7H10O	000690-94-8	10
3	Pyridine-2,3,6-trione trioxime	170	C5H6N4O3	1000318-31-7	9
4	Sulfacytine	294	C12H14N4O3S	017784-12-2	9
5	Ethanone, 1-(methylenecyclopropyl)-	96	C6H8O	062266-35-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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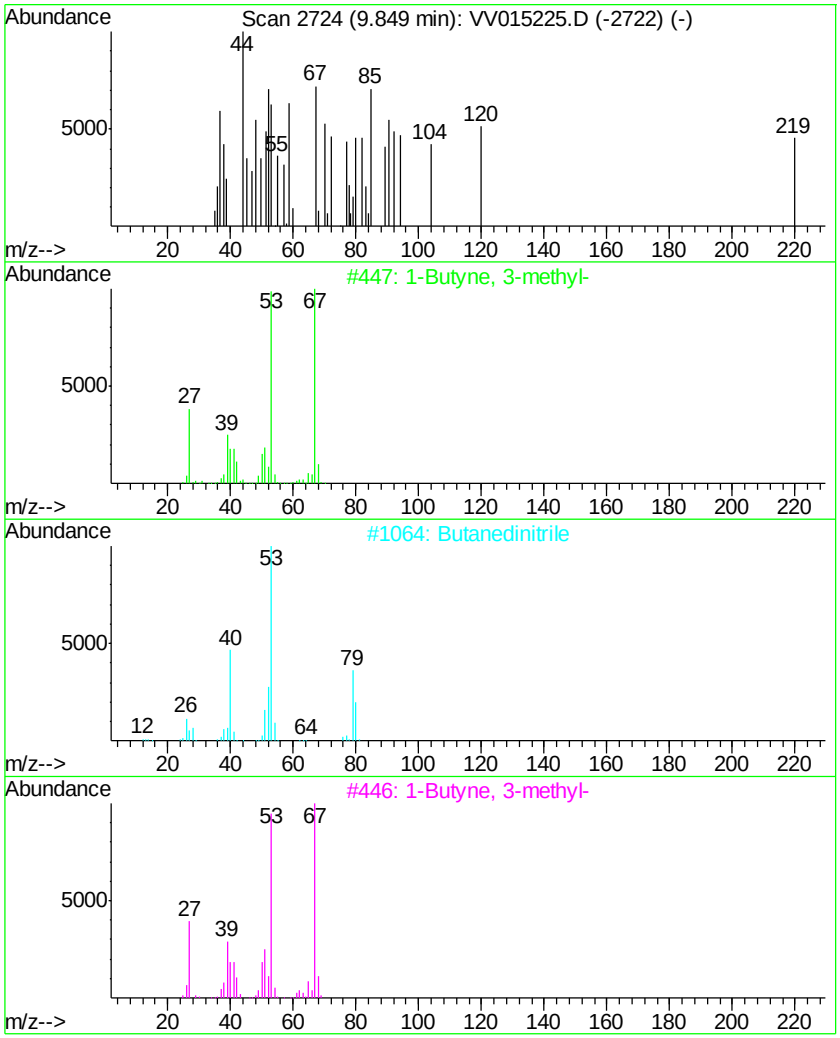
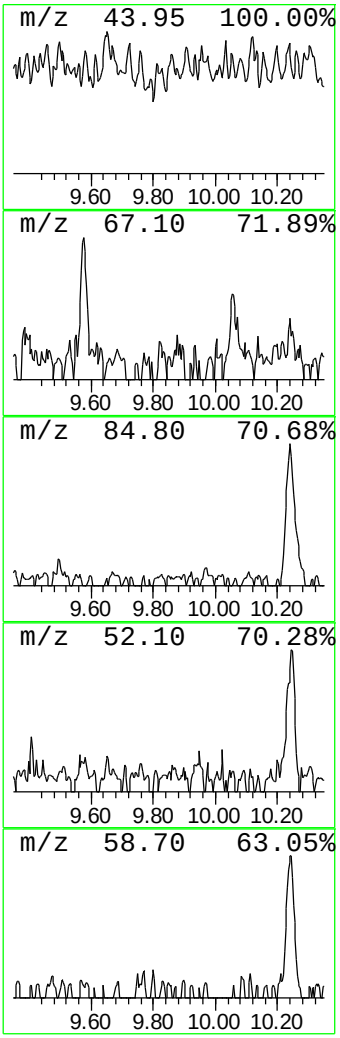
Peak Number 20 unknown-17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	55.67 ug/L	894	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	9
2	Butanedinitrile	80	C4H4N2	000110-61-2	9
3	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	9
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	9
5	1,2-Propadiene, 1-bromo-	118	C3H3Br	010024-18-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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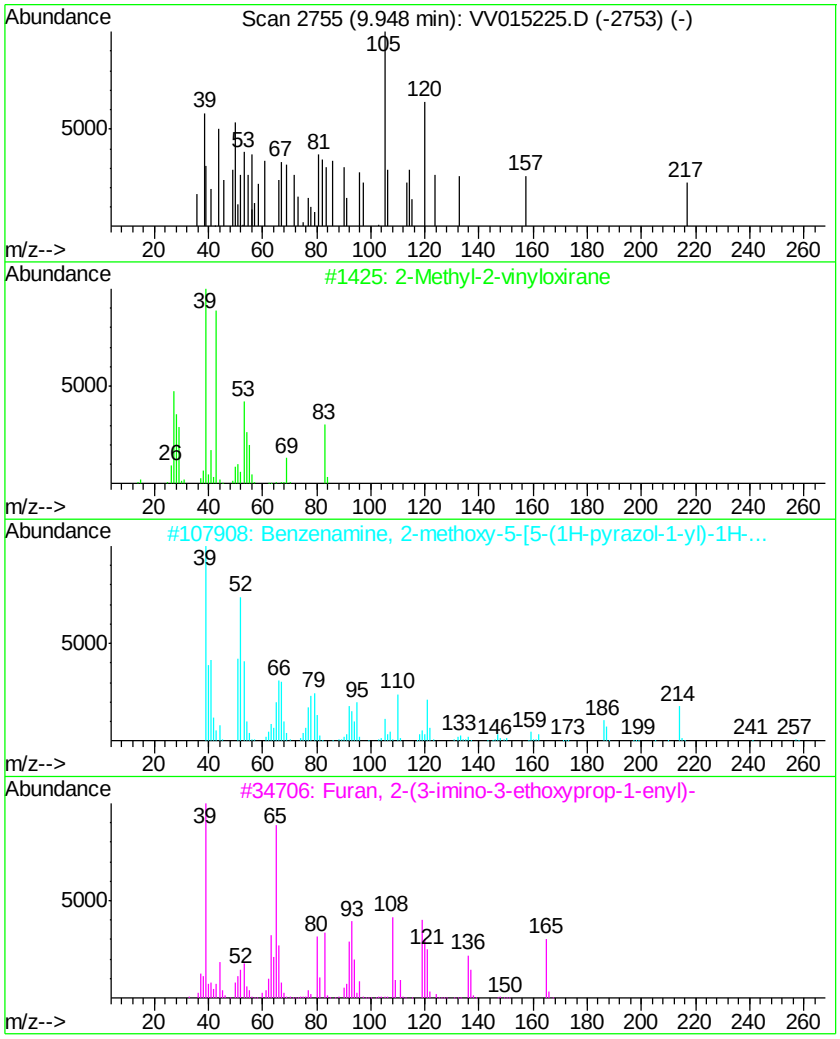
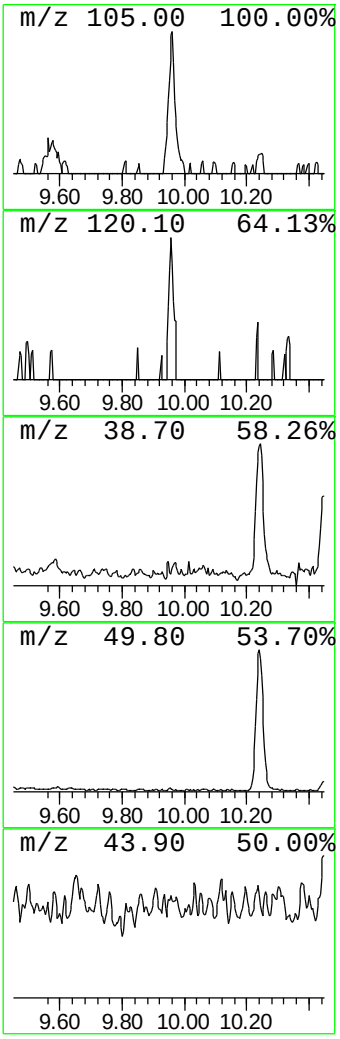
Peak Number 21 unknown-18 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	69.30 ug/L	1113	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	32
2	Benzenamine, 2-methoxy-5-[5-(1H-...	257	C11H11N7O	1000362-82-7	25
3	Furan, 2-(3-imino-3-ethoxyprop-1...	165	C9H11NO2	036878-63-4	16
4	1,2-Dichloroethyl hydroperoxide	130	C2H4Cl2O2	138434-10-3	10
5	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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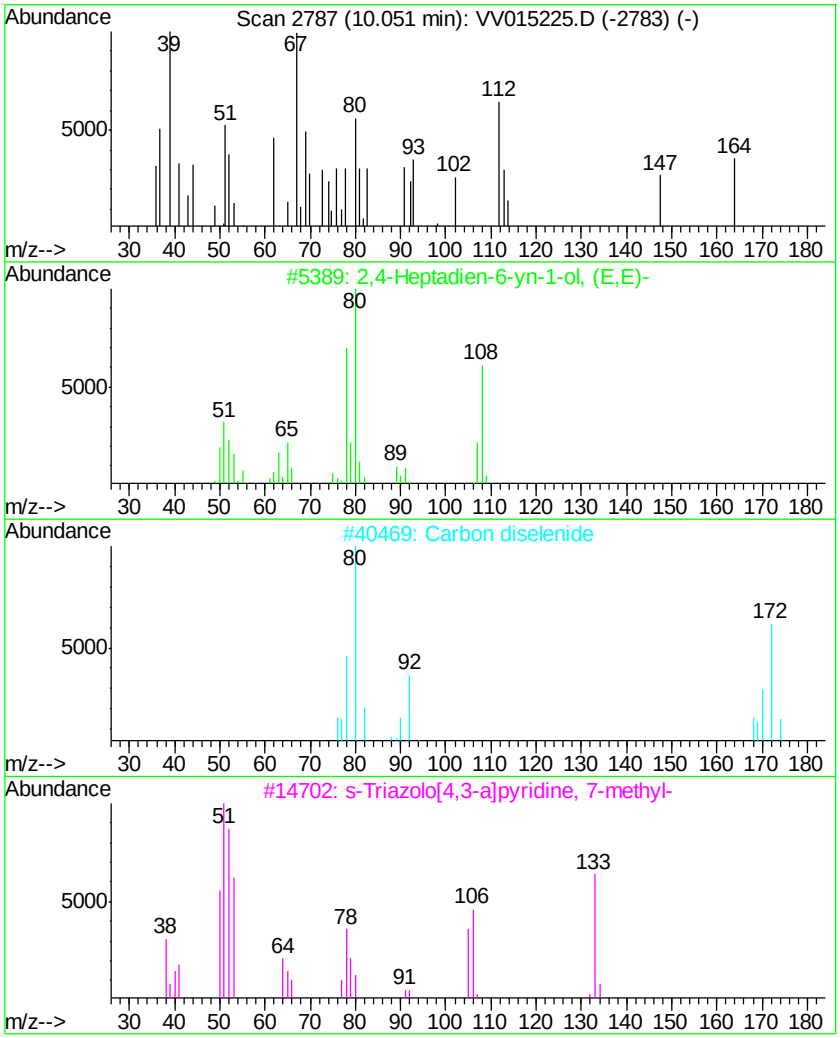
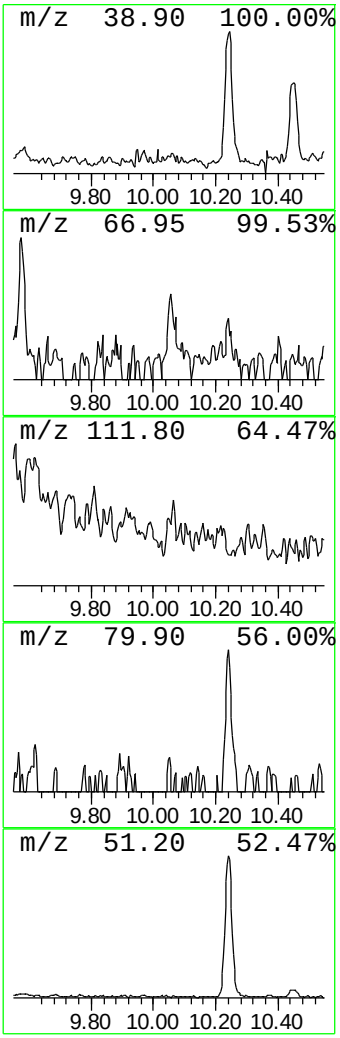
Peak Number 22 2,4-Heptadien-6-yn-1-ol, (E... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	88.54 ug/L	1422	Chlorobenzene-d5	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadien-6-yn-1-ol, (E,E)-	108	C7H8O	017098-71-4	50
2	Carbon diselenide	172	CSe2	000506-80-9	33
3	s-Triazolo[4,3-a]pyridine, 7-met...	133	C7H7N3	004919-10-2	25
4	3-Pyridinemethanamine	108	C6H8N2	003731-52-0	10
5	4-(Aminomethyl)pyridine	108	C6H8N2	003731-53-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015225.D
Acq On : 28 Mar 2020 05:09
Operator : SY/MD
Sample : L2003-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0EK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.79	17.7	ug/L	552947	1	5.64	1563790	50.0
unknown-01	7.47	68.2	ug/L	1095	2	8.92	803	50.0
unknown-02	7.51	58.3	ug/L	937	2	8.92	803	50.0
unknown-03	7.57	152.4	ug/L	2447	2	8.92	803	50.0
unknown-04	7.81	89.0	ug/L	1429	2	8.92	803	50.0
unknown-05	7.86	148.8	ug/L	2390	2	8.92	803	50.0
unknown-06	7.87	89.6	ug/L	1439	2	8.92	803	50.0
unknown-07	8.05	61.3	ug/L	984	2	8.92	803	50.0
Pentaborane(11)	8.38	325.5	ug/L	5228	2	8.92	803	50.0
unknown-08	8.42	152.7	ug/L	2452	2	8.92	803	50.0
unknown-09	8.53	67.9	ug/L	1091	2	8.92	803	50.0
unknown-10	8.56	84.3	ug/L	1353	2	8.92	803	50.0
unknown-11	8.59	72.1	ug/L	1158	2	8.92	803	50.0
unknown-12	8.63	68.9	ug/L	1106	2	8.92	803	50.0
unknown-13	8.66	91.5	ug/L	1470	2	8.92	803	50.0
unknown-14	8.76	109.0	ug/L	1751	2	8.92	803	50.0
unknown-15	8.78	134.8	ug/L	2164	2	8.92	803	50.0
unknown-16	8.80	50.0	ug/L	803	2	8.92	803	50.0
unknown-17	9.85	55.7	ug/L	894	2	8.92	803	50.0
unknown-18	9.95	69.3	ug/L	1113	2	8.92	803	50.0
2,4-Heptadien-6-y...	10.05	88.5	ug/L	1422	2	8.92	803	50.0