LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

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\SOM2WLM111119S.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	2.160	37	42	49	rBV3	9387	22611	5.37%	0.971%
2	2.349	67	73	81	rVB	40494	70949	16.84%	3.048%
3	2.885	155	161	174	rVB	32997	84737	20.12%	3.640%
4	3.221	214	216	219	rBV2	573	361	0.09%	0.016%
5	3.294	226	228	231	rVB2	658	559	0.13%	0.024%
6	3.318	231	232	233	rBV	301	134	0.03%	0.006%
7	3.349	236	237	238	rBV	477	250	0.06%	0.011%
8	3.385	238	243	245	rBV2	1172	1860	0.44%	0.080%
9	3.635	283	284	287	rVB	363	217	0.05%	0.009%
10	3.739	296	301	304	rBV2	340	526	0.12%	0.023%
11	3.794	308	310	311	rVB	346	238	0.06%	0.010%
12	3.836	316	317	319	rVV	271	167	0.04%	0.007%
13	3.855	319	320	321	rVV	330	170	0.04%	0.007%
14	3.897	325	327	331	rBV	238	265	0.06%	0.011%
15	4.013	336	346	358	rBV2	42858	143319	34.02%	6.157%
16	4.379	398	406	408	rBV5	1450	2081	0.49%	0.089%
17	4.458	417	419	423	rVB3	443	350	0.08%	0.015%
18	4.556	431	435	436	rBV	394	421	0.10%	0.018%
19	4.592	439	441	444	rVV	244	248	0.06%	0.011%
20	4.659	451	452	455	rVB2	246	163	0.04%	0.007%
21	4.696	455	458	461	rBV2	274	366	0.09%	0.016%
22	4.775	467	471	473	rBV2	310	387	0.09%	0.017%
23	4.812	475	477	480	rVB2	299	343	0.08%	0.015%
24	4.915	485	494	506	rVV6	4153	17272	4.10%	0.742%
25	5.019	510	511	515	rBV2	241	301	0.07%	0.013%
26	5.153	532	533	535	rBV	496	308	0.07%	0.013%
27	5.397	571	573	575	rBV2	321	323	0.08%	0.014%
28	5.476	584	586	587	rVB2	292	176	0.04%	0.008%
29	5.495	587	589	591	rBV2	150	127	0.03%	0.005%
30	5.574	601	602	604	rBV2	257	177	0.04%	0.008%
31	5.610	606	608	611	rVB	263	240	0.06%	0.010%
32	5.641	611	613	615	rBV	395	226	0.05%	0.010%
33	5.677	616	619	620	rBV	276	180	0.04%	0.008%
34	5.781	634	636	639	rBV2	347	438	0.10%	0.019%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

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\SOM2WLM111119S.M
Title : VOC Analysis

35	5.824	641	643	646	rVV2	305	343	0.08%	0.015%
36	5.933	650	661	668	rBV4	2007	6210	1.47%	0.267%
37	6.001	670	672	676	rVB2	190	156	0.04%	0.007%
38	6.037	676	678	680	rBV2	389	362	0.09%	0.016%
39	6.190	699	703	704	rBV3	595	869	0.21%	0.037%
40	6.281	716	718	719	rBV	269	128	0.03%	0.005%
41	6.330	724	726	729	rBV2	318	262	0.06%	0.011%
42	6.421	739	741	744	rVB	195	169	0.04%	0.007%
43	6.464	746	748	750	rBV2	188	205	0.05%	0.009%
44	6.598	768	770	771	rBV	232	207	0.05%	0.009%
45	6.635	775	776	778	rBV2	213	209	0.05%	0.009%
46	6.897	818	819	821	rBV	387	256	0.06%	0.011%
47	6.976	829	832	834	rBV4	592	780	0.19%	0.034%
48	7.080	839	849	853	rBV2	31515	87764	20.83%	3.770%
49	7.647	932	942	957	rVB	96387	242920	57.67%	10.435%
50	7.781	961	964	965	rBV2	307	319	0.08%	0.014%
51	7.799	965	967	968	rBV	379	221	0.05%	0.009%
52	7.866	968	978	986	rBV	59932	159147	37.78%	6.837%
53	8.025	1002	1004	1012	rVB3	1486	2892	0.69%	0.124%
54	8.104	1016	1017	1020	rBV	263	343	0.08%	0.015%
55	8.275	1030	1045	1060	rBV2	142929	421239	100.00%	18.096%
56	8.409	1065	1067	1068	rVB2	665	398	0.09%	0.017%
57	8.579	1089	1095	1097	rBV5	1103	1617	0.38%	0.069%
58	8.683	1108	1112	1113	rBV2	915	1067	0.25%	0.046%
59	8.756	1122	1124	1129	rVB2	373	387	0.09%	0.017%
60	8.841	1129	1138	1145	rBV	58485	119004	28.25%	5.112%
61	8.921	1149	1151	1152	rBV	305	133	0.03%	0.006%
62	8.970	1157	1159	1161	rBV2	326	283	0.07%	0.012%
63	9.031	1166	1169	1176	rBV5	940	2727	0.65%	0.117%
64	9.134	1184	1186	1195	rVB3	1137	1962	0.47%	0.084%
65	9.274	1201	1209	1214	rBV	102082	211531	50.22%	9.087%
66	9.445	1236	1237	1240	rBV	474	376	0.09%	0.016%
67	9.573	1254	1258	1262	rVB6	1221	1634	0.39%	0.070%
68	9.738	1283	1285	1286	rBV2	855	723	0.17%	0.031%
69	10.030	1328	1333	1338	rBV	13119	22948	5.45%	0.986%
70	10.323	1374	1381	1390	rBV	65638	120787	28.67%	5.189%
71	10.445	1397	1401	1403	rBV3	1312	1864	0.44%	0.080%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

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\SOM2WLM111119S.M
Title : VOC Analysis

72	10.481	1403	1407	1413	rVV4	6019	11364	2.70%	0.488%
73	10.664	1433	1437	1438	rBV2	5368	7387	1.75%	0.317%
74	10.701	1438	1443	1449	rVB	48366	86309	20.49%	3.708%
75	10.927	1474	1480	1486	rBV	24043	46591	11.06%	2.001%
76	11.061	1498	1502	1508	rVB2	21802	32923	7.82%	1.414%
77	11.439	1559	1564	1572	rVB	19568	32867	7.80%	1.412%
78	11.634	1590	1596	1604	rVB	26358	46614	11.07%	2.002%
79	12.140	1672	1679	1682	rBV8	2508	5398	1.28%	0.232%
80	12.432	1724	1727	1732	rVB5	1671	2712	0.64%	0.117%
81	12.603	1750	1755	1762	rVB	46886	80372	19.08%	3.453%
82	12.694	1763	1770	1777	rVB	43323	72779	17.28%	3.126%
83	12.749	1777	1779	1780	rBV2	881	661	0.16%	0.028%
84	12.780	1780	1784	1790	rVB4	4208	7304	1.73%	0.314%
85	12.829	1790	1792	1793	rBV	368	242	0.06%	0.010%
86	12.859	1793	1797	1798	rBV4	714	883	0.21%	0.038%
87	12.932	1804	1809	1817	rBV3	10498	19498	4.63%	0.838%
88	13.249	1860	1861	1862	rBV	907	593	0.14%	0.025%
89	13.292	1865	1868	1877	rVB2	9306	14804	3.51%	0.636%
90	13.408	1882	1887	1892	rBV4	3818	6831	1.62%	0.293%
91	13.560	1907	1912	1915	rBV3	5800	8752	2.08%	0.376%
92	13.725	1937	1939	1941	rBV2	435	239	0.06%	0.010%
93	13.761	1941	1945	1949	rBV6	2662	5126	1.22%	0.220%
94	13.859	1955	1961	1967	rBV2	9062	21324	5.06%	0.916%
95	14.066	1991	1995	2004	rVB2	14948	26279	6.24%	1.129%
96	14.200	2013	2017	2021	rBV4	1990	2767	0.66%	0.119%
97	14.645	2088	2090	2091	rBV	669	426	0.10%	0.018%
98	15.212	2181	2183	2184	rBV2	980	682	0.16%	0.029%
99	15.249	2187	2189	2191	rBV3	849	529	0.13%	0.023%
100	15.438	2215	2220	2224	rVB2	13421	22643	5.38%	0.973%

Sum of corrected areas: 2327831

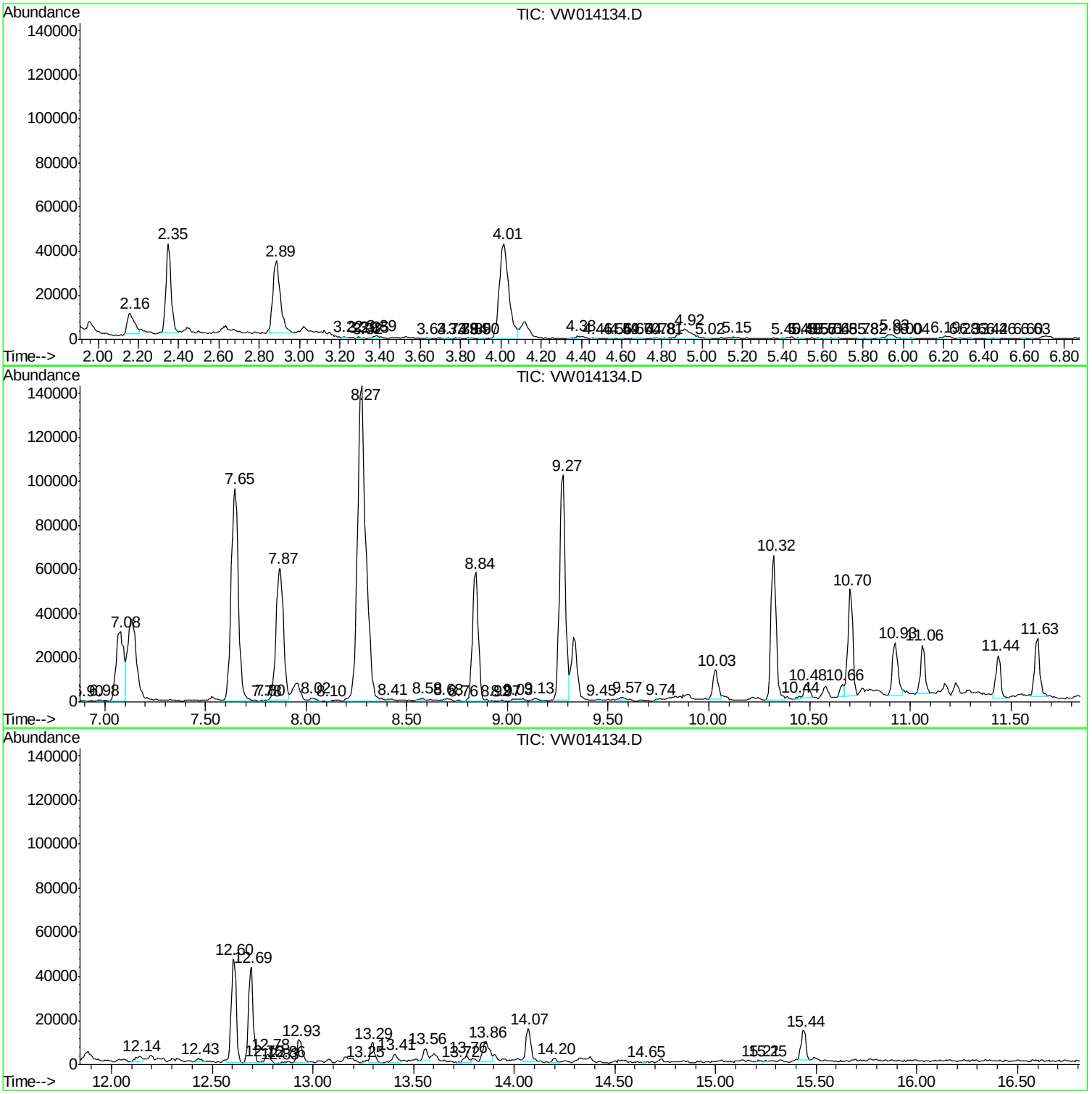
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

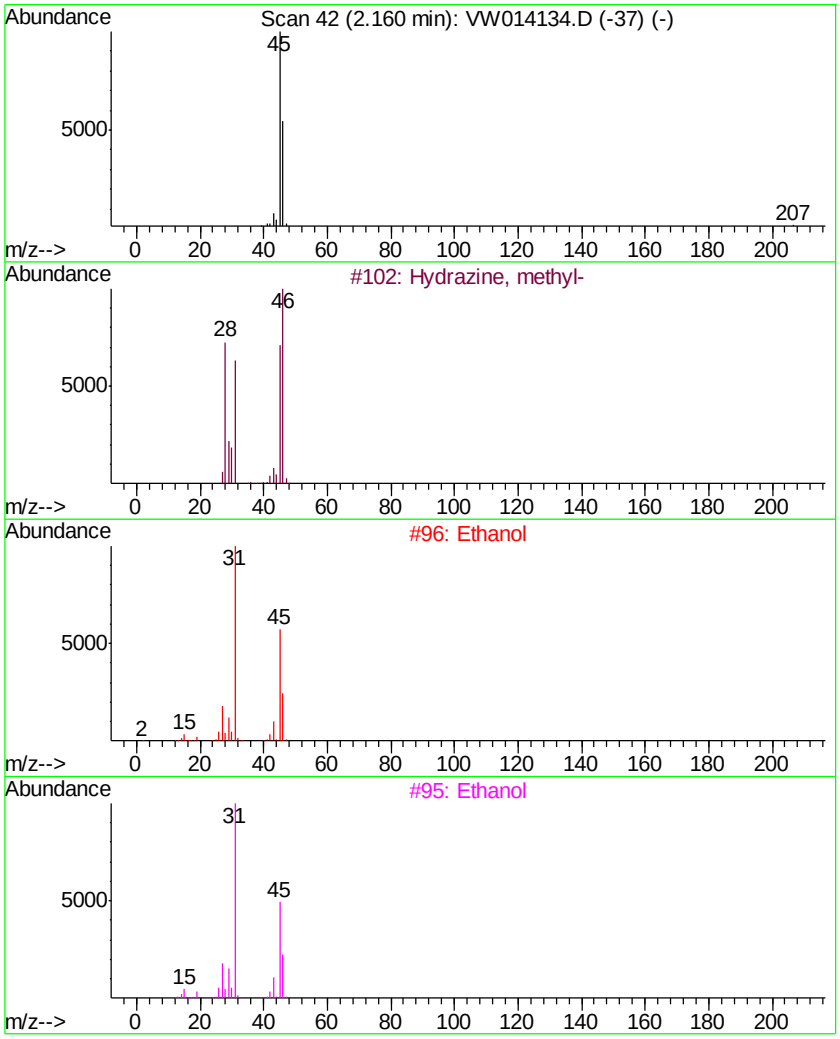
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

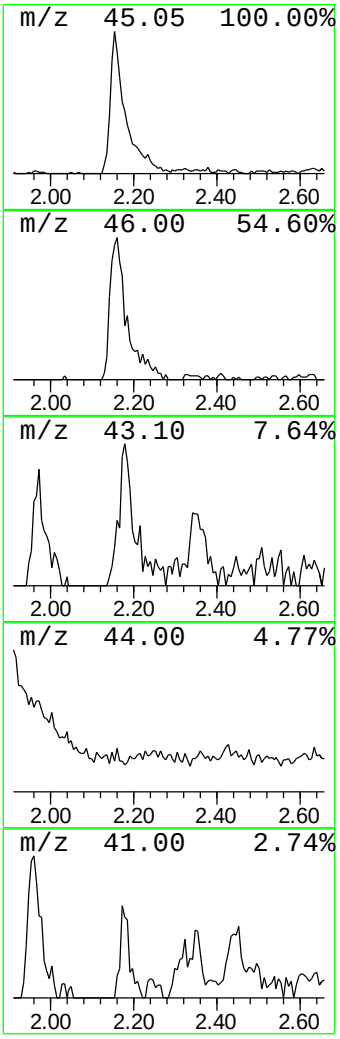
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	4.75 ug/L	22611	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, methyl-	46	CH6N2	000060-34-4	40
2	Ethanol	46	C2H6O	000064-17-5	9
3	Ethanol	46	C2H6O	000064-17-5	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Dimethyl ether	46	C2H6O	000115-10-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

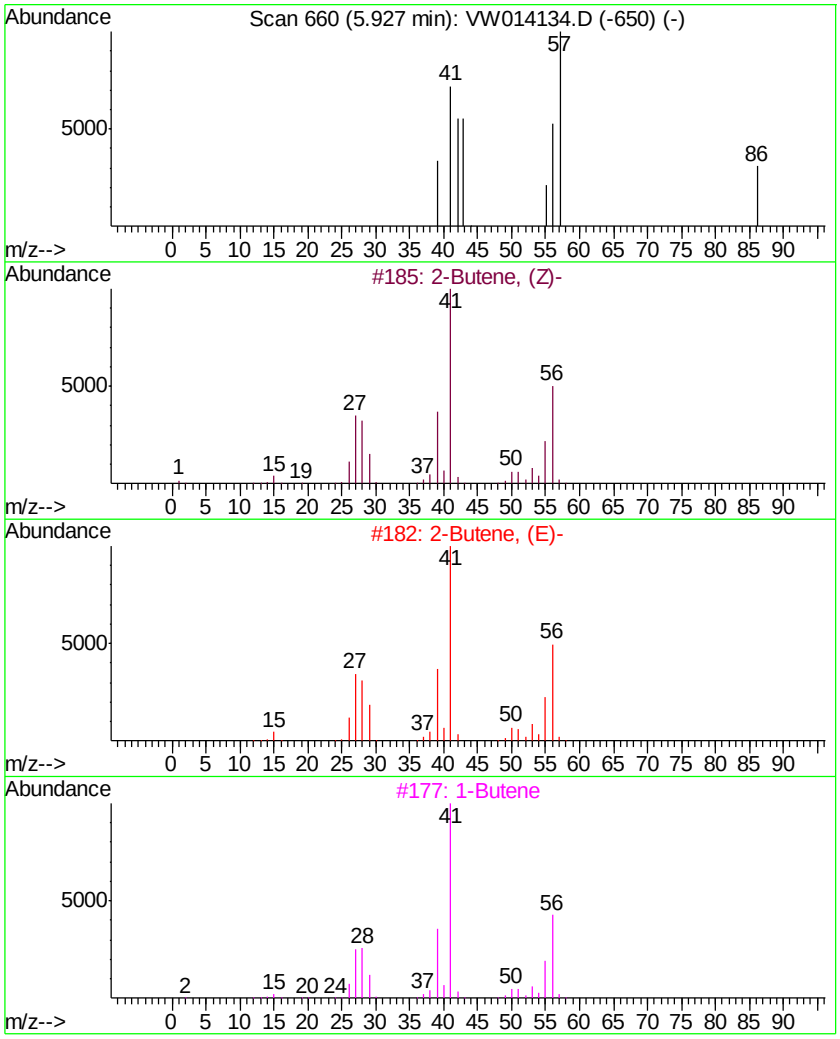
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

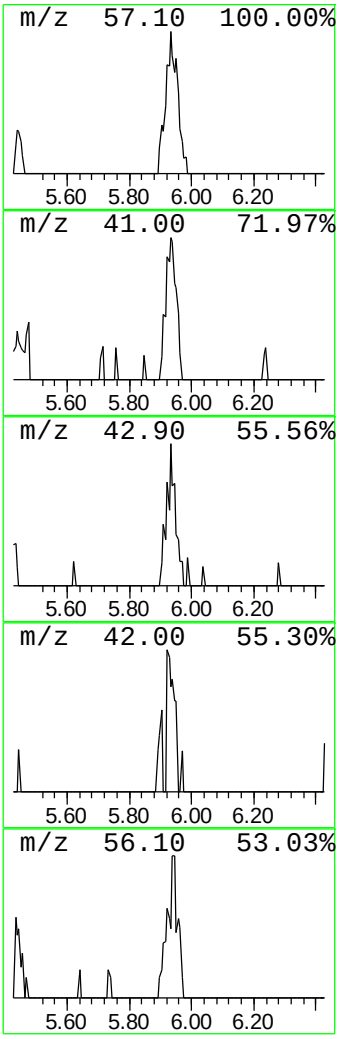
****

Peak Number 2 (DEL) Alkane: Cyclic5.93 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.30 ug/L	6210	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	9
2	2-Butene, (E)-	56	C4H8	000624-64-6	9
3	1-Butene	56	C4H8	000106-98-9	9
4	2-Butene	56	C4H8	000107-01-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

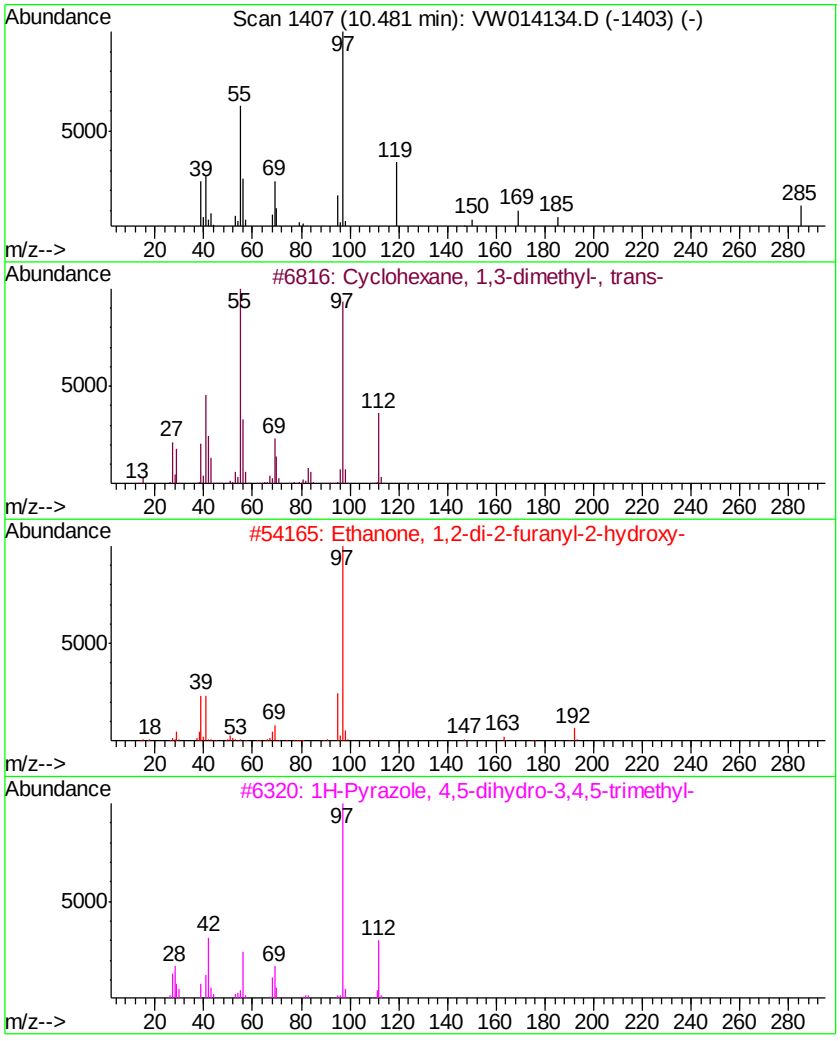
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

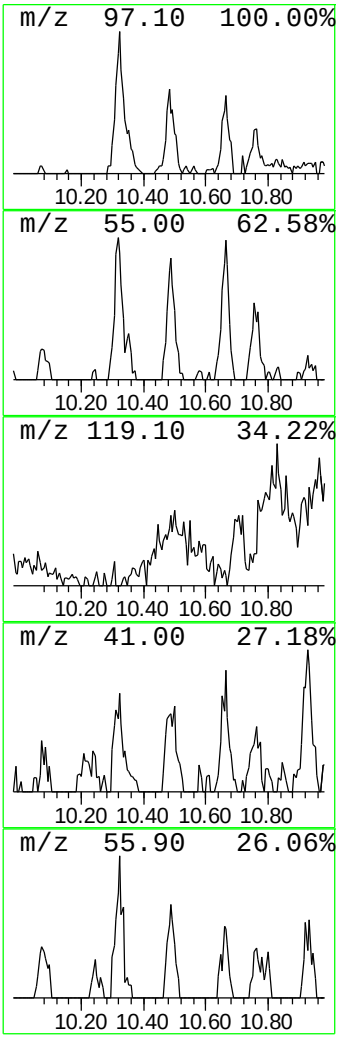
****

Peak Number 4 (DEL) Alkane: Cyclic10.48 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	6.09 ug/L	11364	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	37
2	Ethanone, 1,2-di-2-furanyl-2-hyd...	192	C10H8O4	000552-86-3	37
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	33
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	32
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

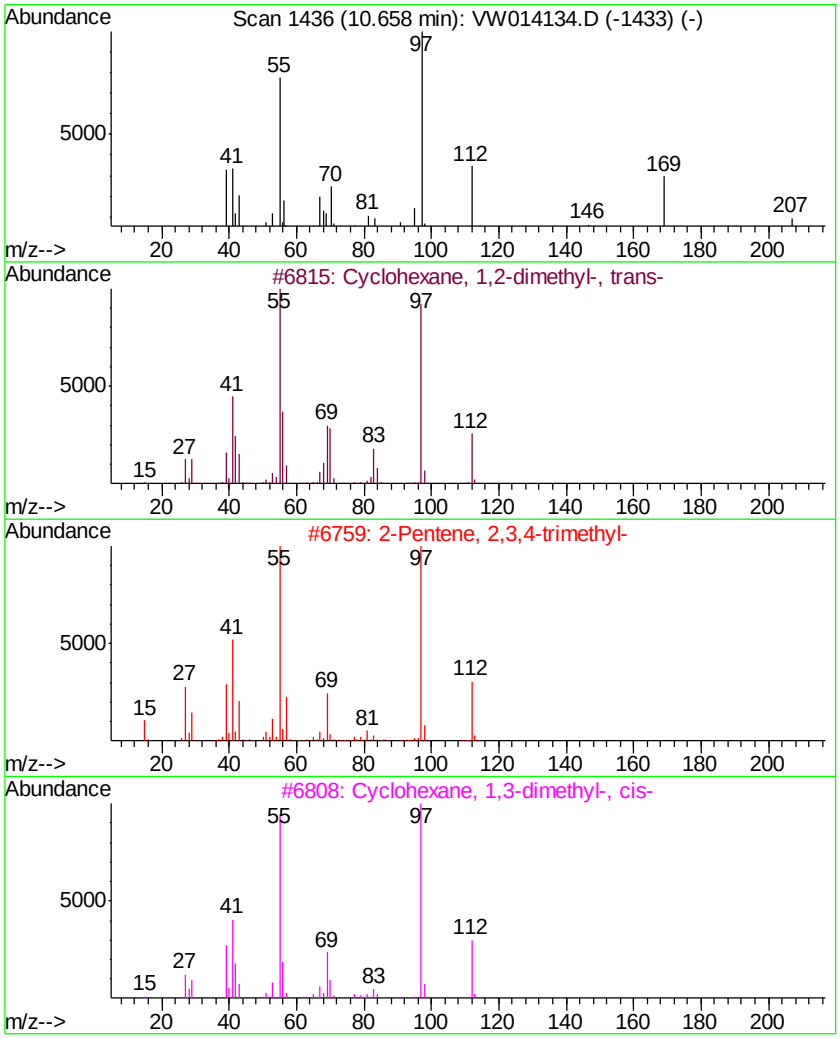
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

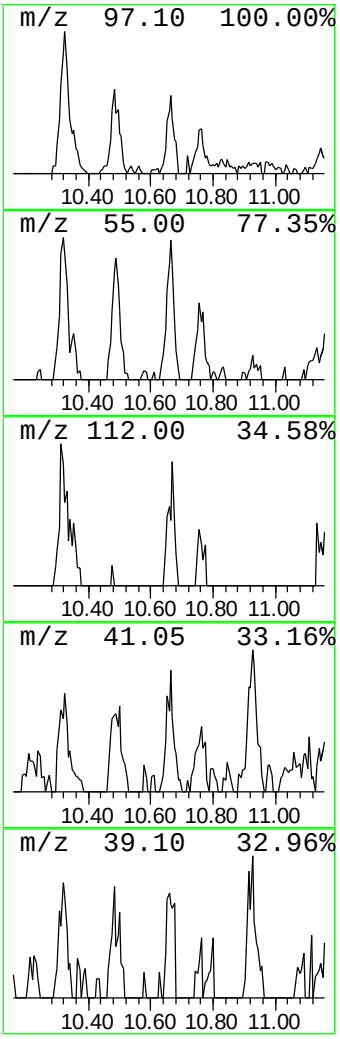
****

Peak Number 5 (DEL) Alkane: Cyclic10.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.96 ug/L	7387	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	59
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	52
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	52
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

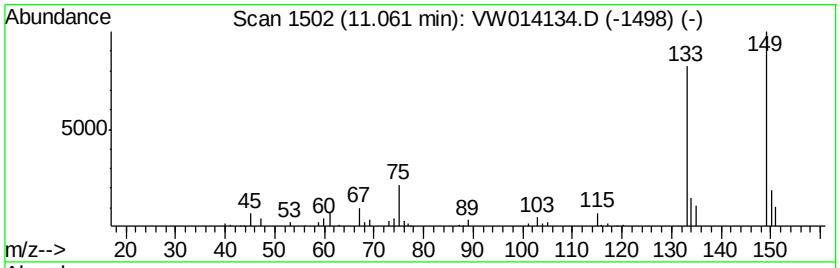
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

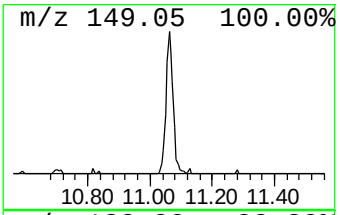
****

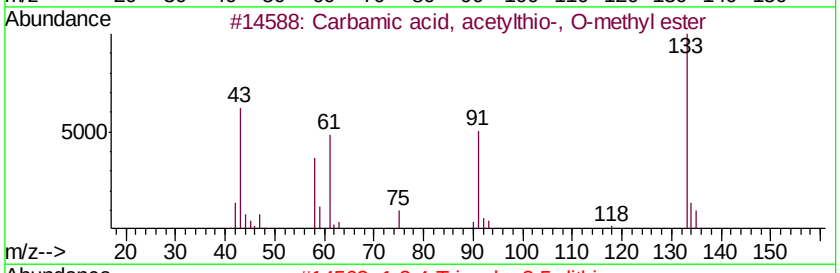
Peak Number 7 unknown-02 Concentration Rank 9

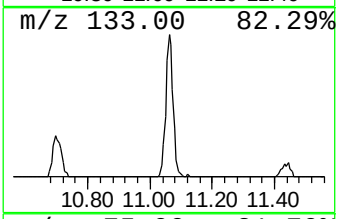
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	17.66 ug/L	32923	Chlorobenzene-d5	11.63

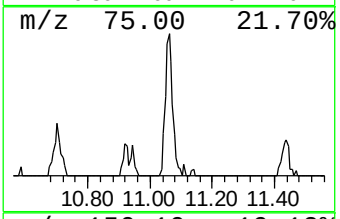
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	27
2	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
3	Disiloxane, pentamethyl-	148	C5H16OSi2	001438-82-0	12
4	4-Ethylbenzoic acid, phenyl ester	226	C15H14O2	118388-89-9	12
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	10

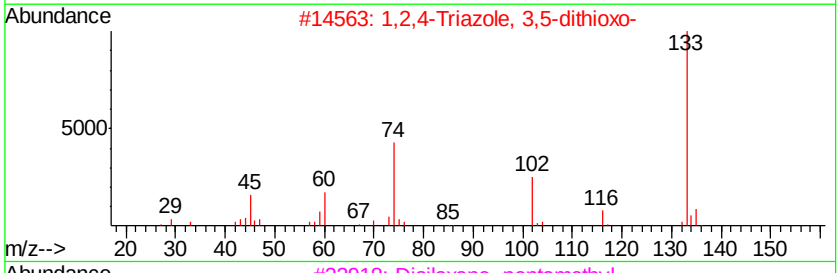


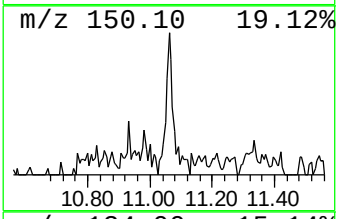


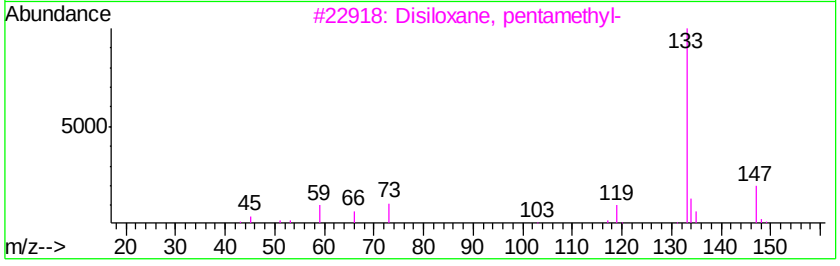


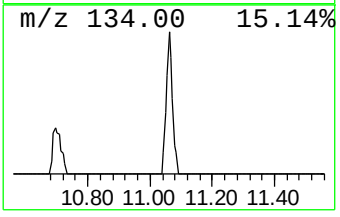












Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

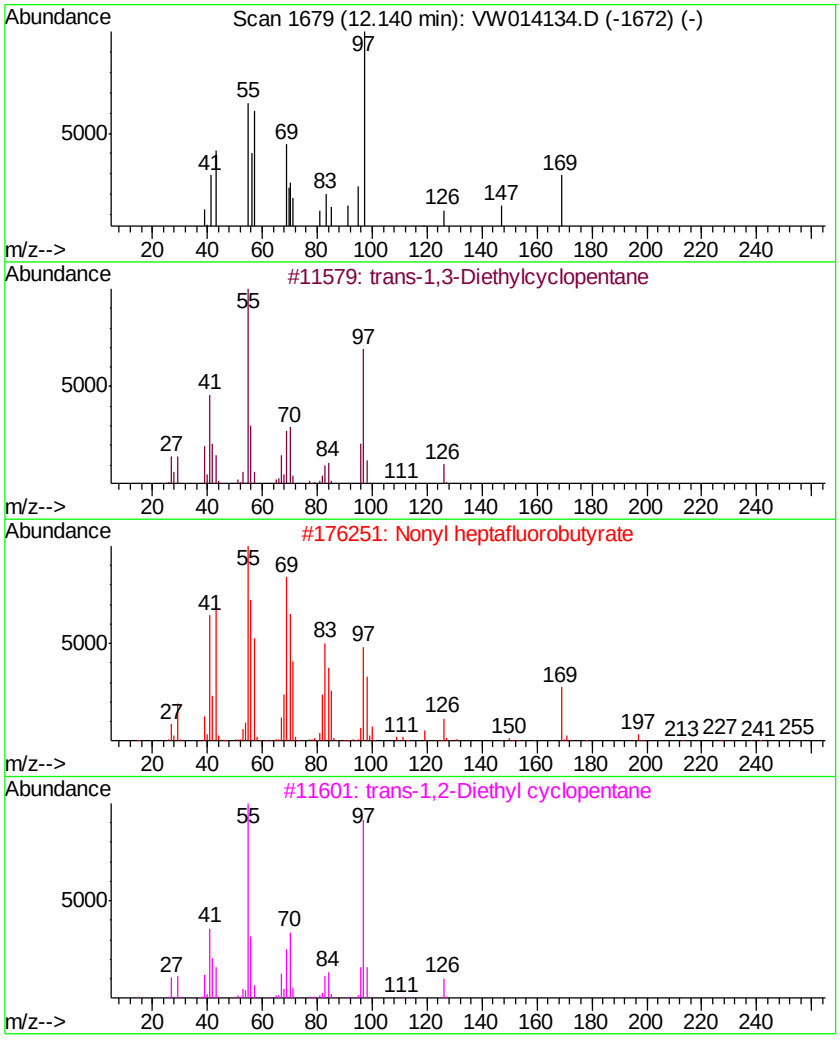
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

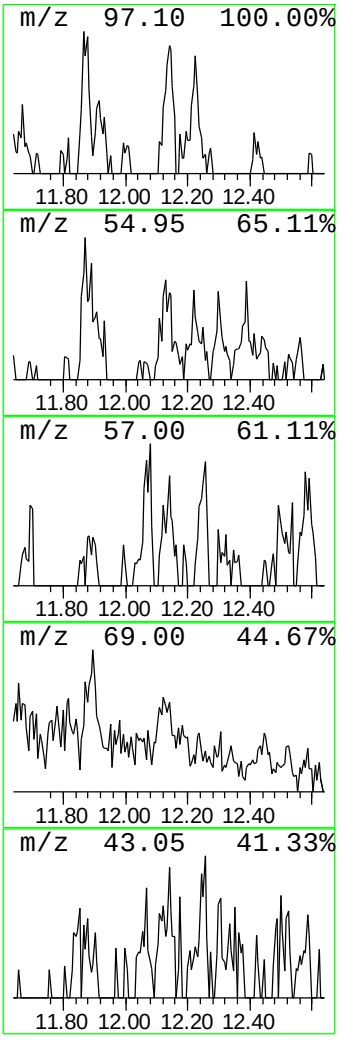
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic12.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.90 ug/L	5398	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	40
2	Nonyl heptafluorobutyrate	340	C13H19F7O2	959297-30-4	38
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	36
4	Nonyl heptafluorobutyrate	340	C13H19F7O2	959297-30-4	35
5	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	32





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Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

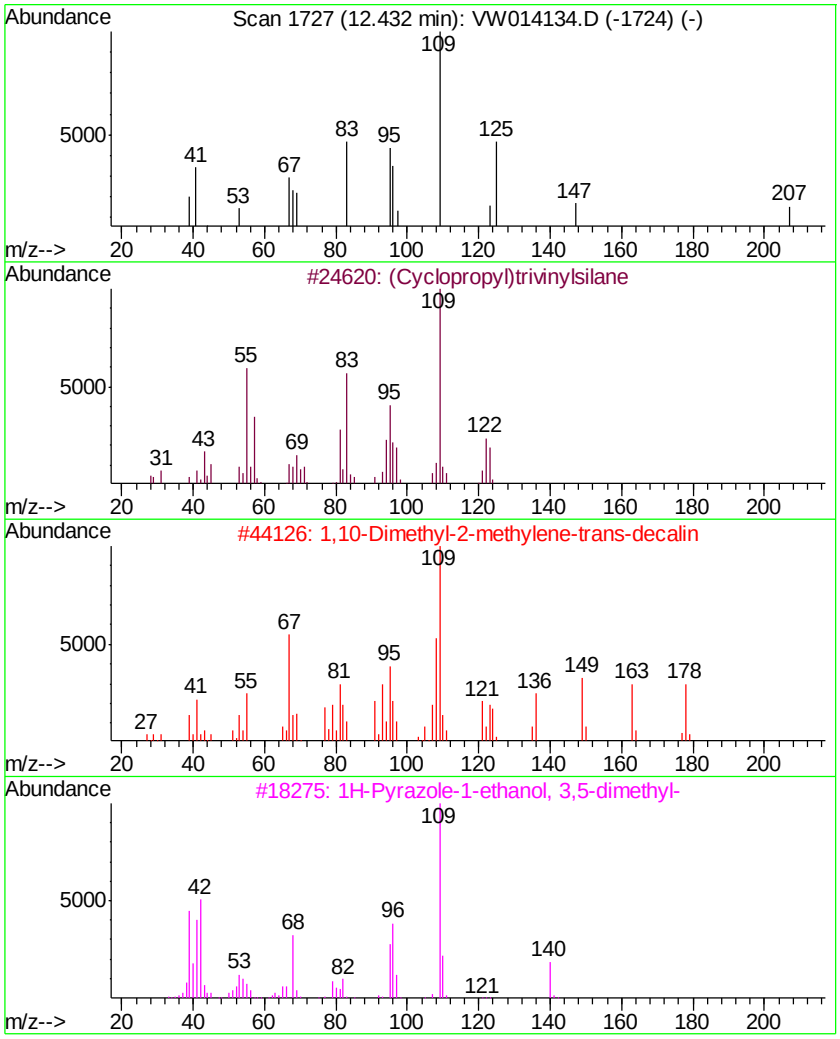
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

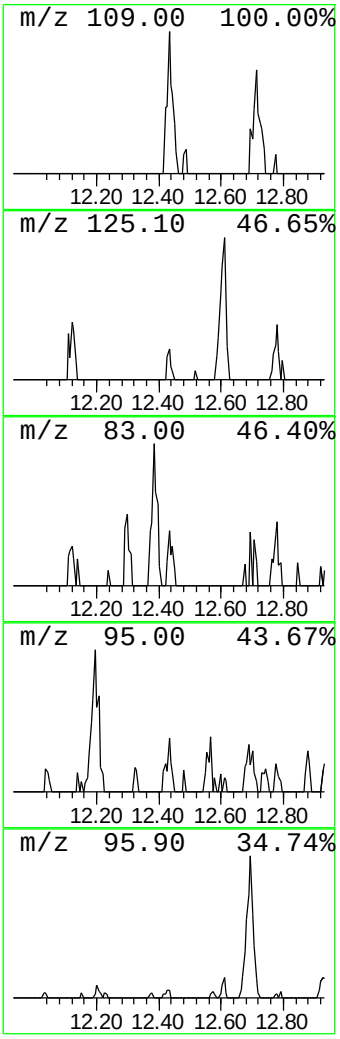
****

Peak Number 10 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	1.45 ug/L	2712	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	33
2	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	23
3	1H-Pyrazole-1-ethanol, 3,5-dimet...	140	C7H12N2O	020000-80-0	23
4	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	23
5	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	17





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Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

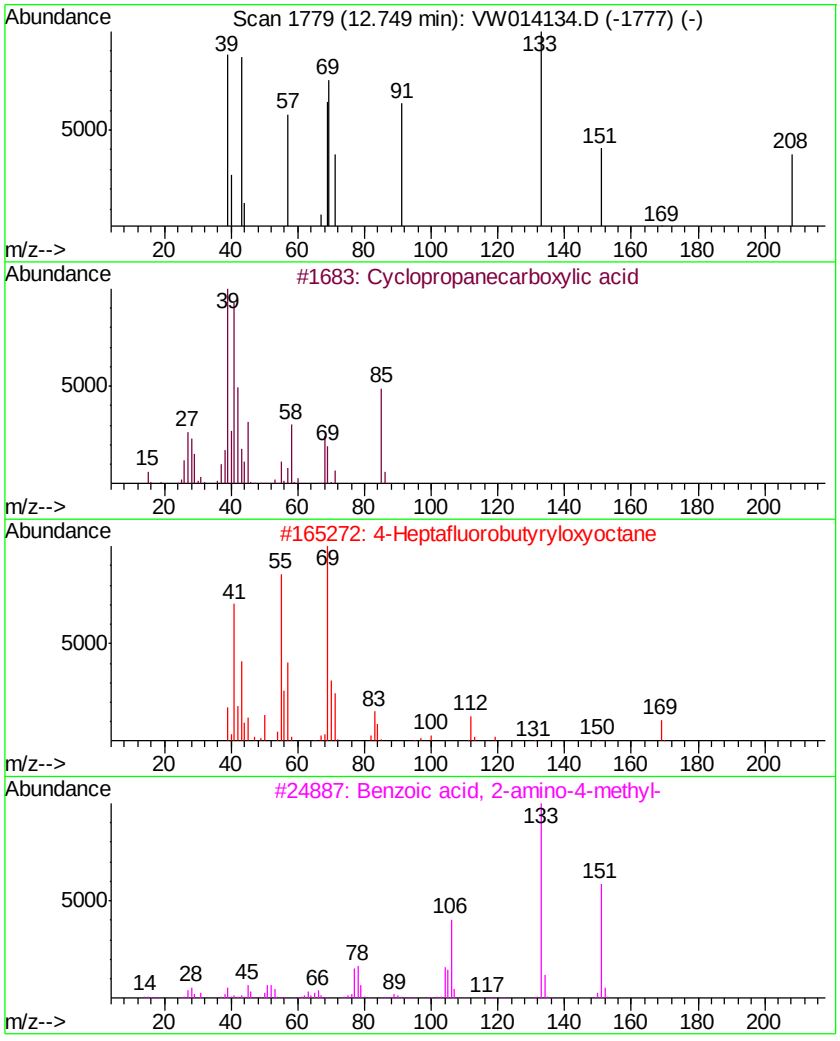
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

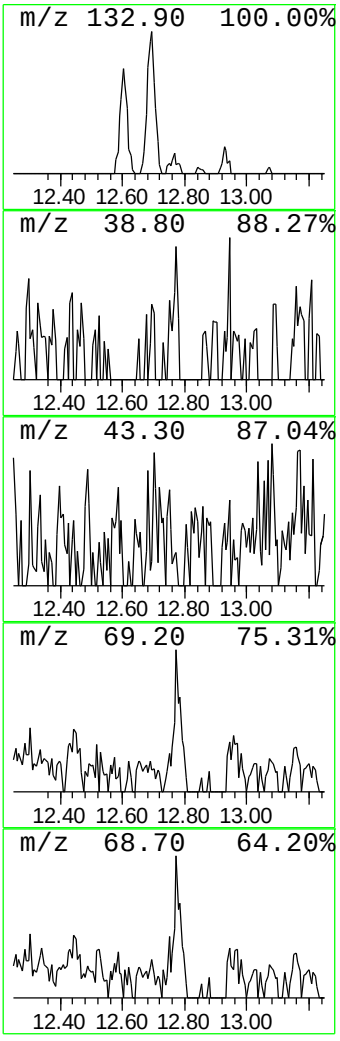
****

Peak Number 12 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	1.89 ug/L	661	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	9
2	4-Heptafluorobutyryloxyoctane	326	C12H17F7O2	1000215-96-8	9
3	Benzoic acid, 2-amino-4-methyl-	151	C8H9NO2	002305-36-4	5
4	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	5
5	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	5





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

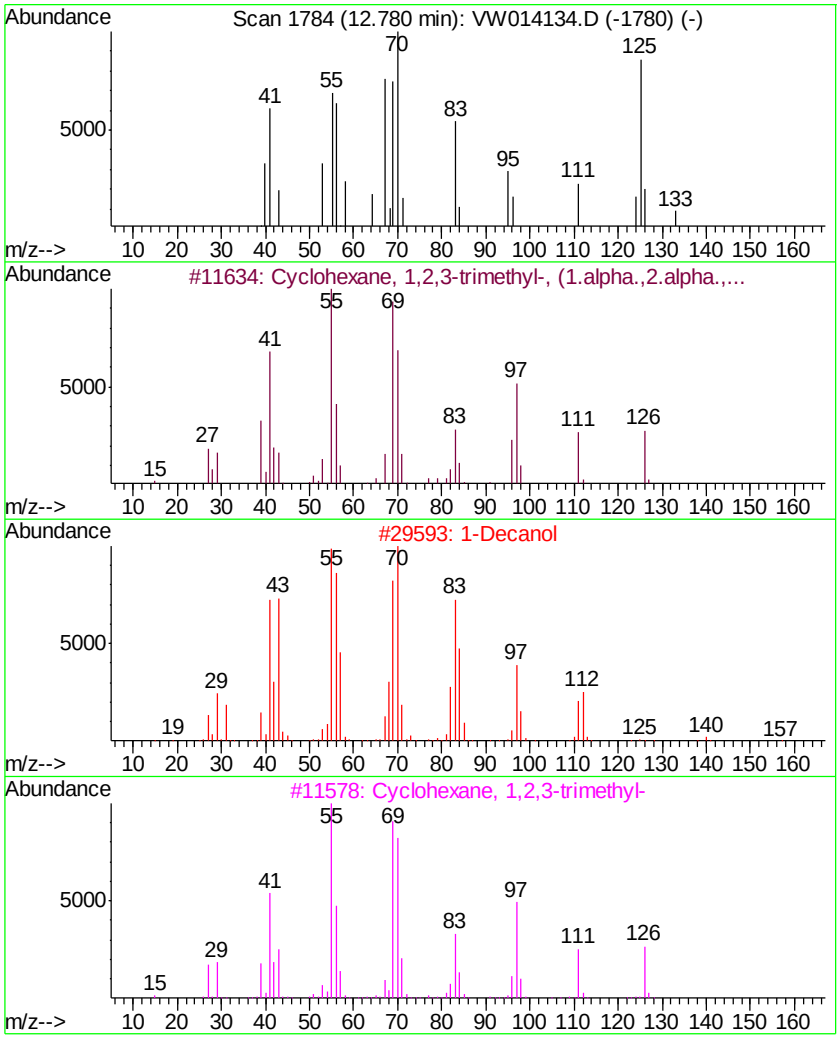
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

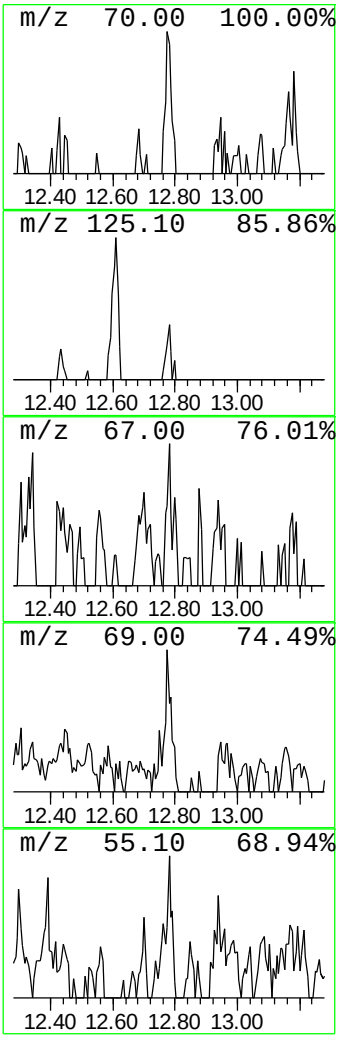
****

Peak Number 13 (DEL) Alkane: Cyclic12.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	20.86 ug/L	7304	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	38
2	1-Decanol	158	C10H22O	000112-30-1	32
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	30
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	30
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	27





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Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

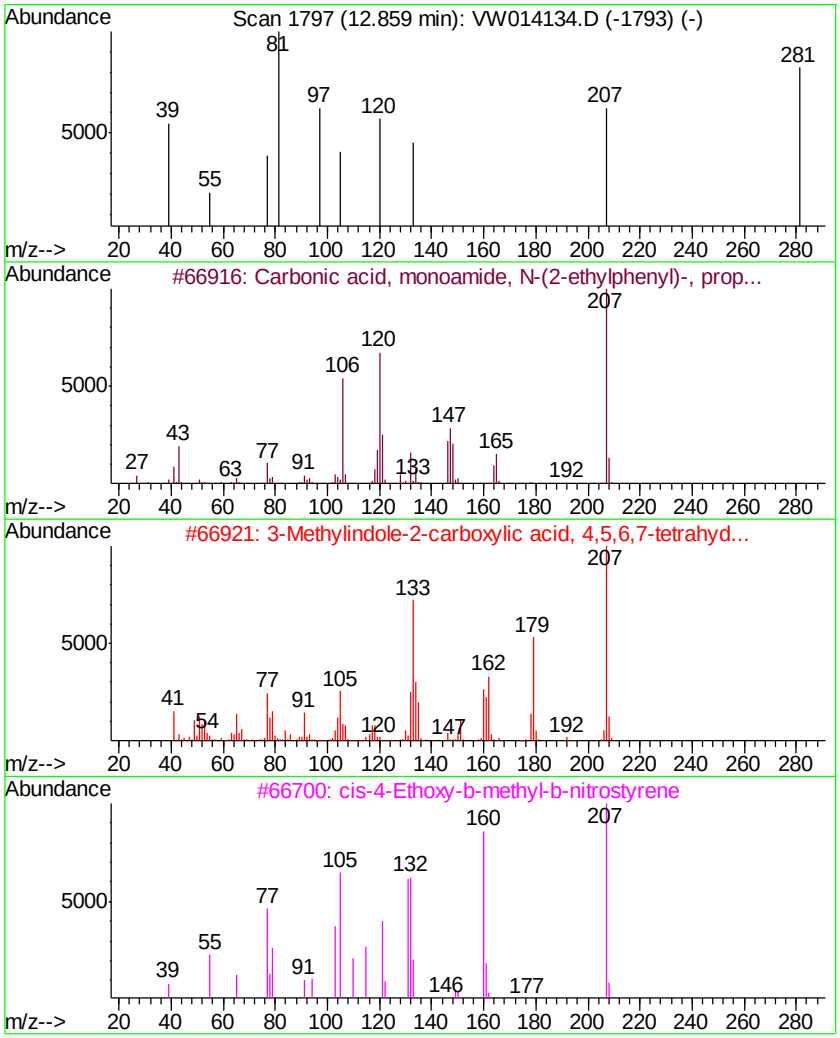
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

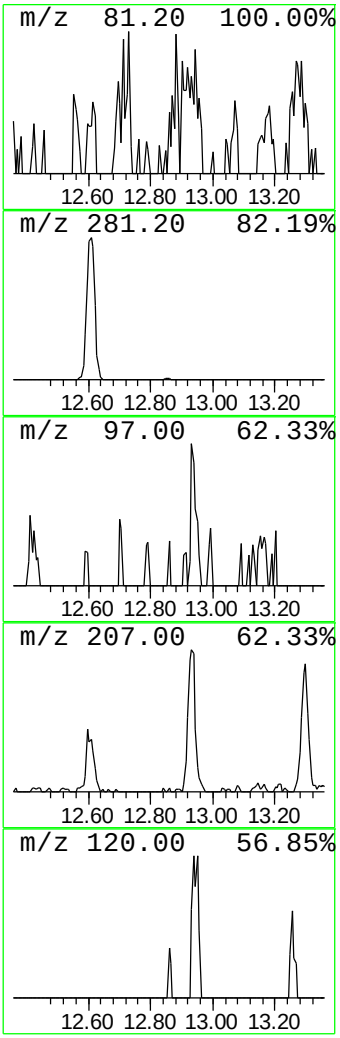
****

Peak Number 14 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.52 ug/L	883	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, monoamide, N-(2-e...	207	C12H17NO2	1000340-19-1	5
2	3-Methylindole-2-carboxylic acid...	207	C12H17NO2	037945-37-2	5
3	cis-4-Ethoxy-b-methyl-b-nitrosty...	207	C11H13NO3	1000120-36-6	5
4	trans-3-Ethoxy-b-methyl-b-nitros...	207	C11H13NO3	023037-46-9	5
5	Cyclohexanecarboxamide, N-furfuryl-	207	C12H17NO2	006341-32-8	5





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Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

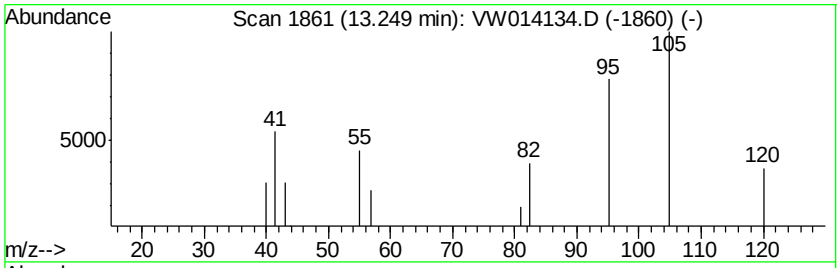
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

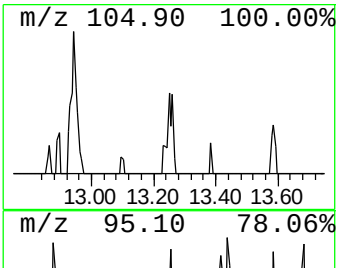
****

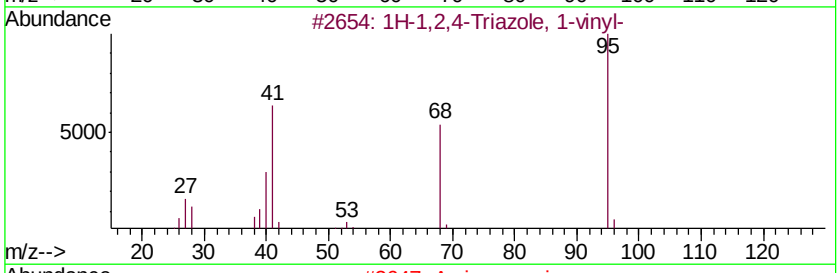
Peak Number 16 unknown-06 Concentration Rank 21

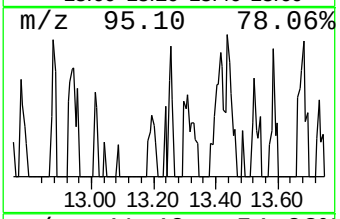
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.69 ug/L	593	1,4-Dichlorobenzene-d4	13.56

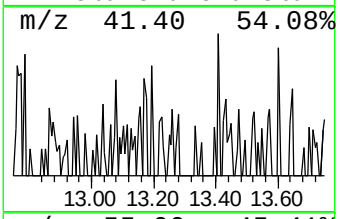
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 1-vinyl-	95	C4H5N3	002764-83-2	7
2	Aminopyrazine	95	C4H5N3	005049-61-6	5
3	4-Aminopyrimidine	95	C4H5N3	000591-54-8	4
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	4
5	Trimethylsilyl methyl sulfide	120	C4H12SSi	003908-55-2	4

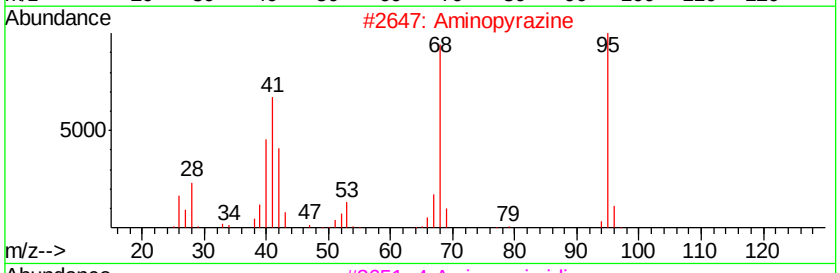


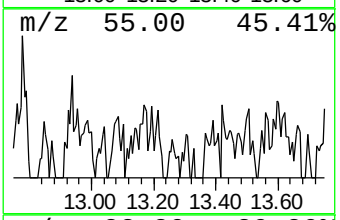


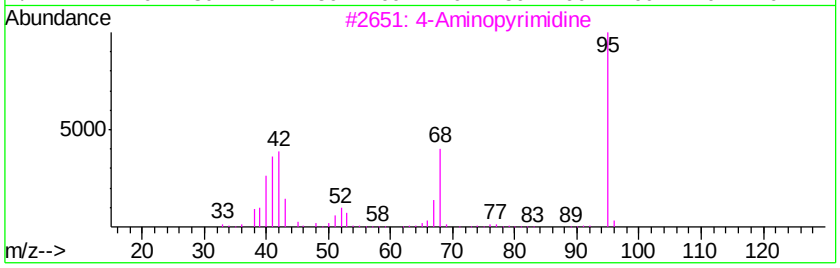


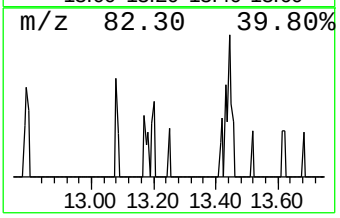












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

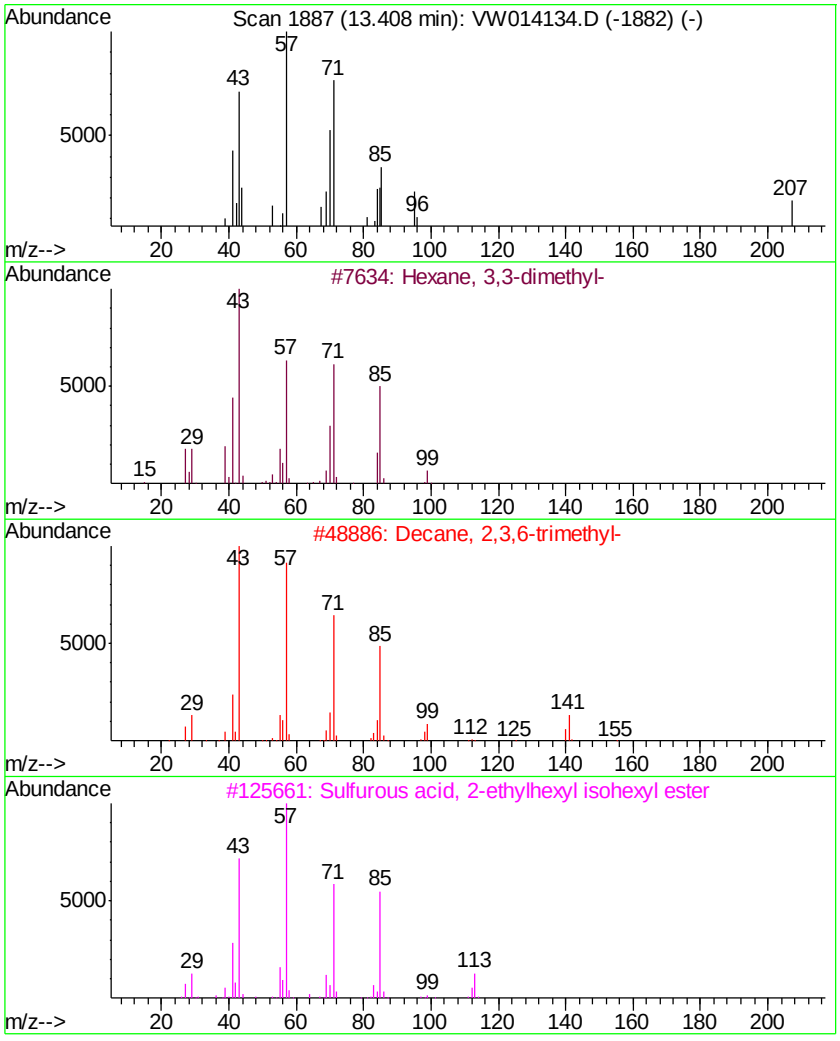
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

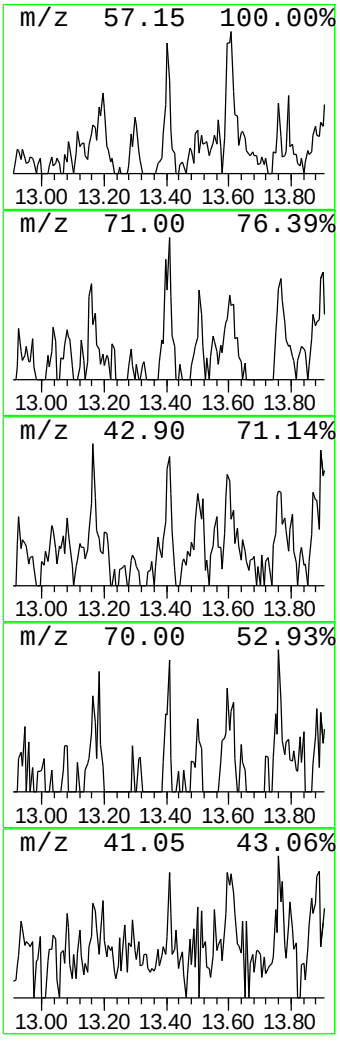
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	19.51 ug/L	6831	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	40





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Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

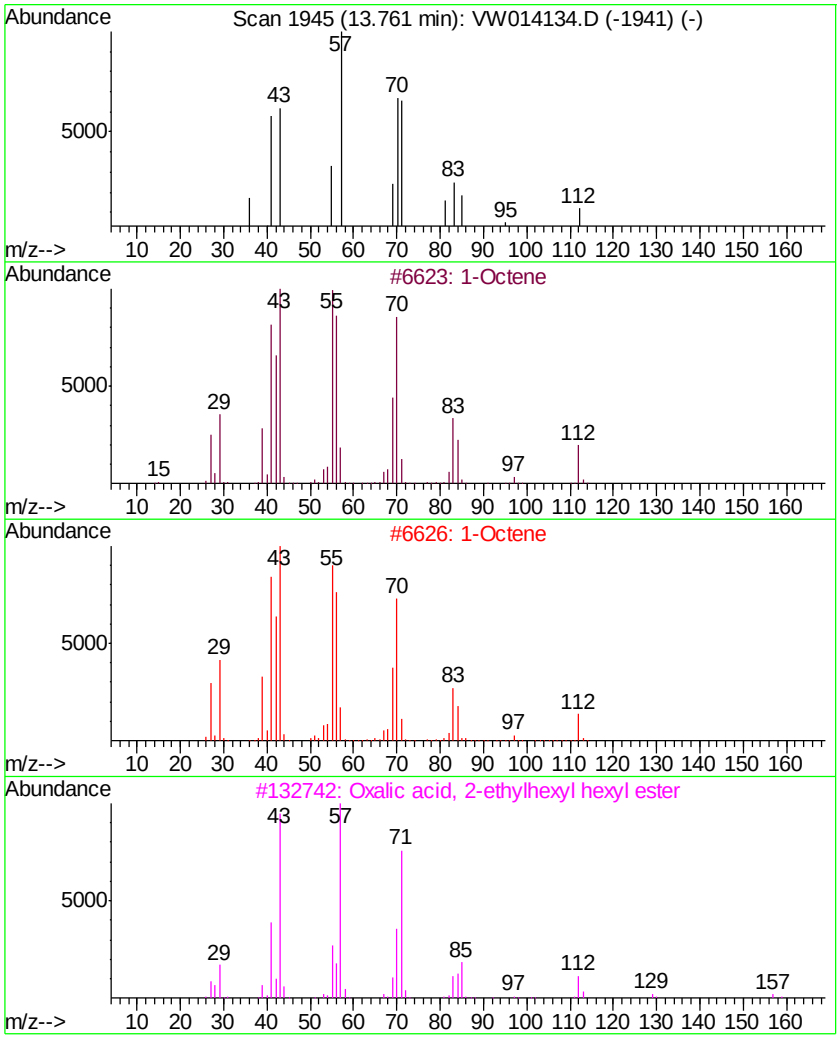
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

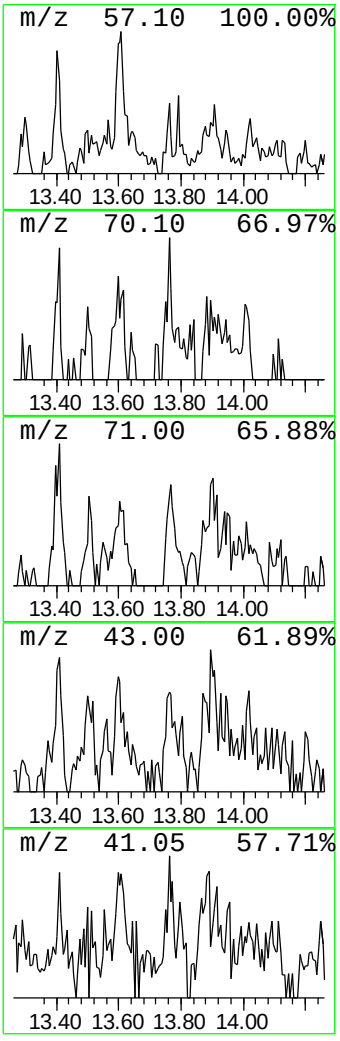
****

Peak Number 19 (DEL) Alkane: Cyclic13.76 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	14.64 ug/L	5126	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene	112	C8H16	000111-66-0	38
2	1-Octene	112	C8H16	000111-66-0	38
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	33
4	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	28
5	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

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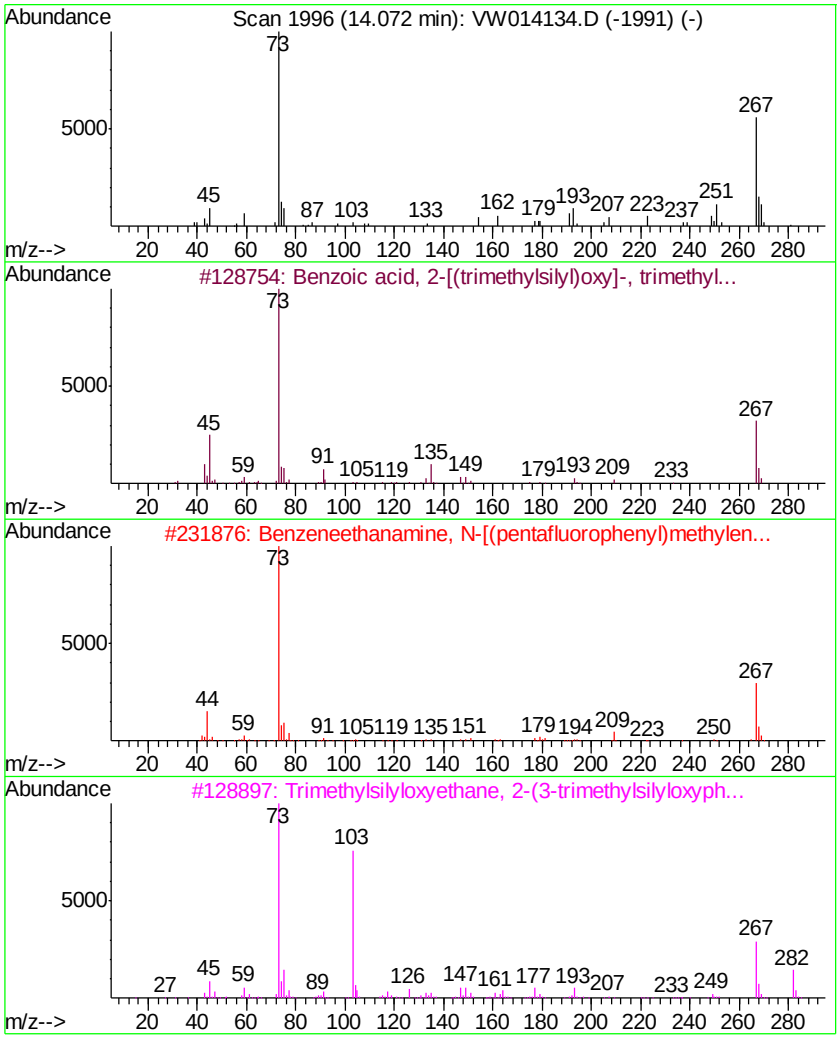
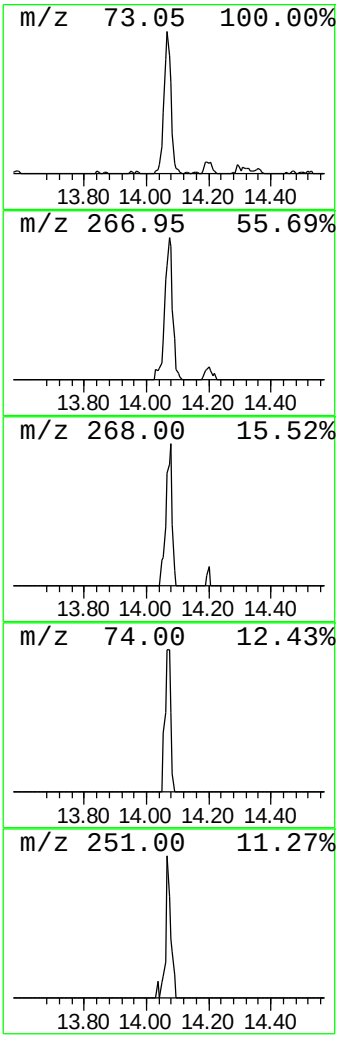
Peak Number 20 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	75.07 ug/L	26279	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	47
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	40
3	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	33
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

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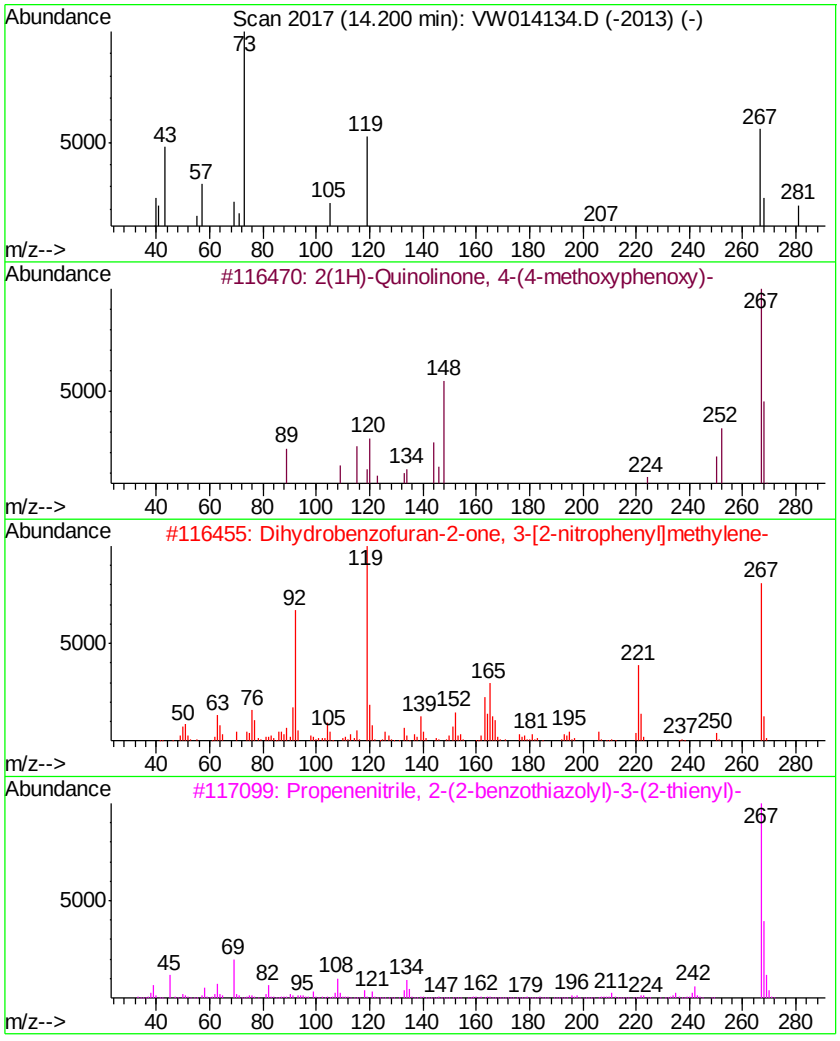
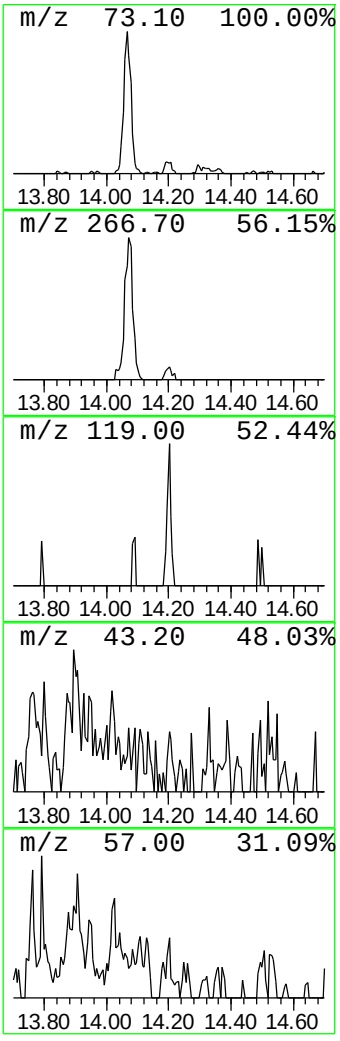
Peak Number 21 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.90 ug/L	2767	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 4-(4-methoxyp...	267	C16H13NO3	068903-83-3	5
2	Dihydrobenzofuran-2-one, 3-[2-ni...	267	C15H9NO4	001032-73-1	5
3	Propenenitrile, 2-(2-benzothiazo...	268	C14H8N2S2	106833-31-2	5
4	N-Methyl-2-(4-chlorophenyl)eth-2...	268	C16H13ClN2	002562-96-1	5
5	Propenone, 1-(4-nitrophenyl)-3-p...	268	C15H12N2O3	1000302-96-9	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

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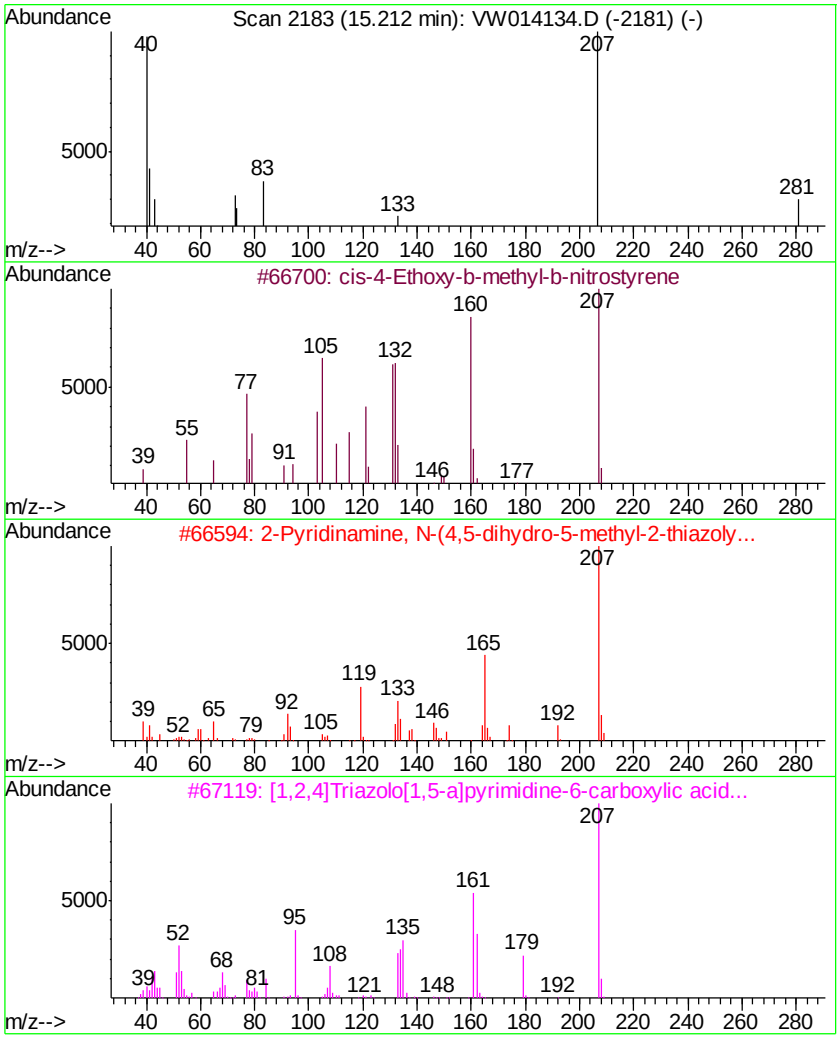
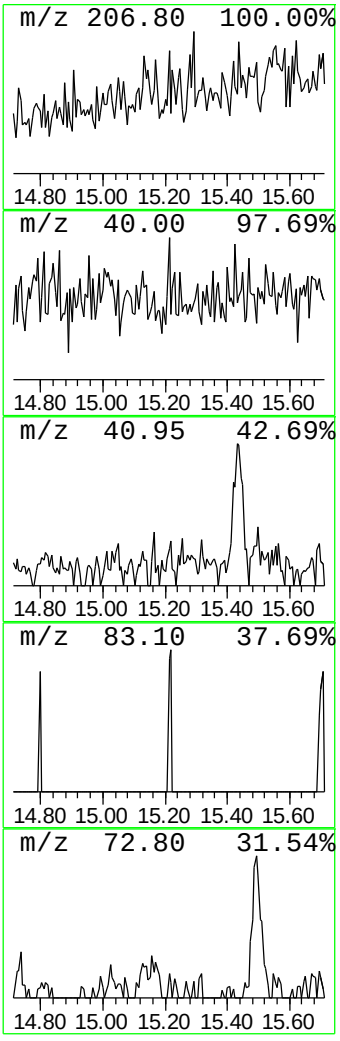
Peak Number 22 unknown-09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	1.95 ug/L	682	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Ethoxy-b-methyl-b-nitrosty...	207	C11H13NO3	1000120-36-6	5
2	2-Pyridinamine, N-(4,5-dihydro-5...	207	C10H13N3S	1000362-45-9	5
3	[1,2,4]Triazolo[1,5-a]pyrimidine...	207	C8H9N5O2	1000351-62-2	5
4	3,5-Dimethylbenzaldehyde thiocar...	207	C10H13N3S	1000195-15-1	5
5	2,3-Dihydroxy-6-nitroquinoxaline	207	C8H5N3O4	002379-56-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

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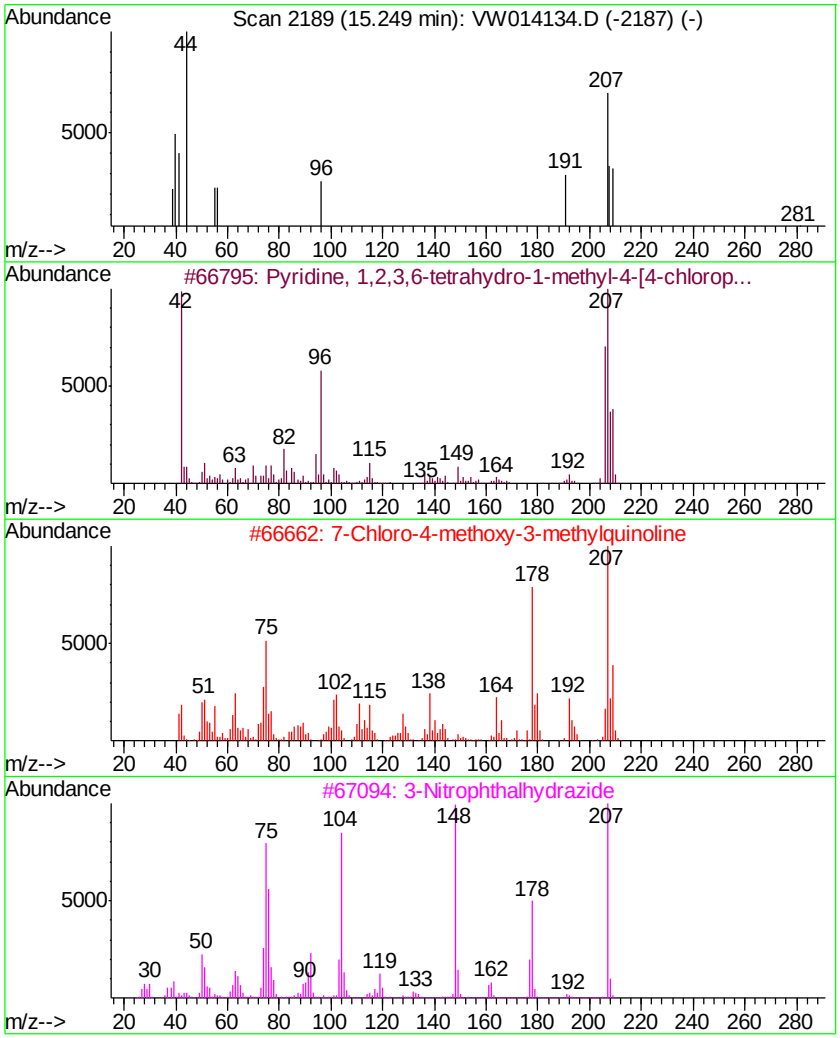
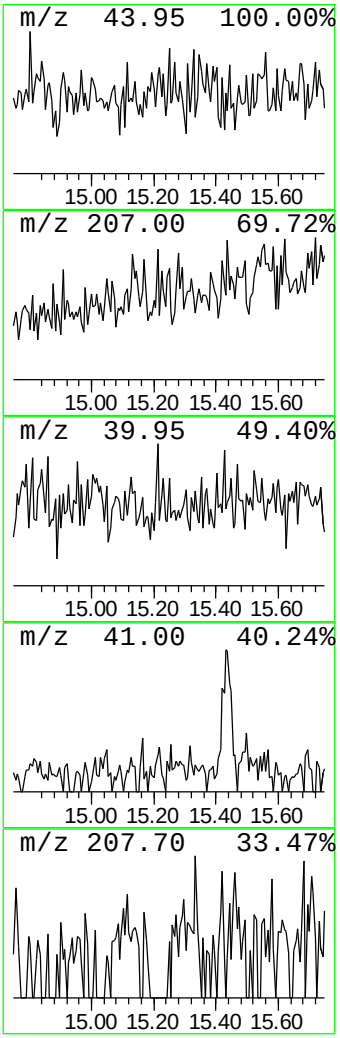
Peak Number 23 unknown-10 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	1.51 ug/L	529	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 1,2,3,6-tetrahydro-1-m...	207	C12H14ClN	005048-08-8	9
2	7-Chloro-4-methoxy-3-methylquino...	207	C11H10ClNO	1000213-52-2	5
3	3-Nitrophthalhydrazide	207	C8H5N3O4	003682-15-3	5
4	Naphthalene, 6-chloro-1-nitro-	207	C10H6ClNO2	038396-29-1	5
5	8-Chloro-5-quinolinecarboxylic acid	207	C10H6ClNO2	121490-68-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

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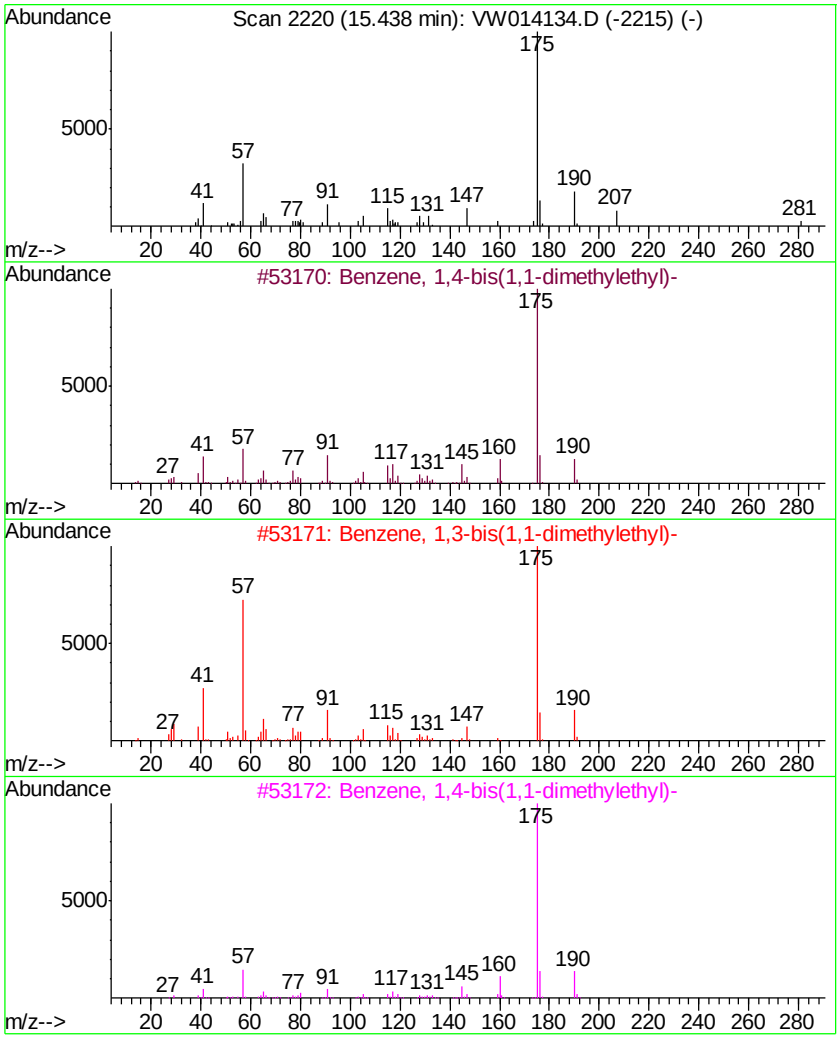
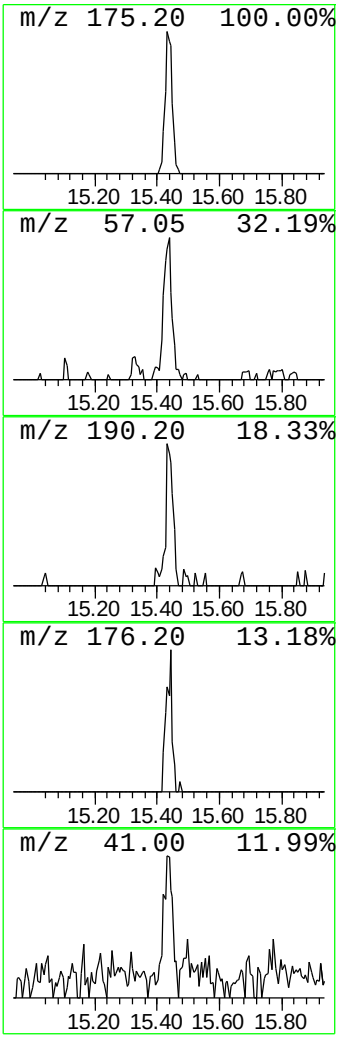
Peak Number 24 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	64.68 ug/L	22643	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	81
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
4	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	64
5	p-Pentylacetophenone	190	C13H18O	037593-02-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
unknown-01	2.16	4.8	ug/L	22611	1	8.84	119004	25.0
(DEL) Alkane: Cyc...	5.93	1.3	ug/L	6210	1	8.84	119004	25.0
(DEL) Alkane: Cyc...	10.48	6.1	ug/L	11364	2	11.63	46614	25.0
(DEL) Alkane: Cyc...	10.66	4.0	ug/L	7387	2	11.63	46614	25.0
unknown-02	11.06	17.7	ug/L	32923	2	11.63	46614	25.0
(DEL) Alkane: Cyc...	12.14	2.9	ug/L	5398	2	11.63	46614	25.0
unknown-03	12.43	1.5	ug/L	2712	2	11.63	46614	25.0
unknown-04	12.75	1.9	ug/L	661	3	13.56	8752	25.0
(DEL) Alkane: Cyc...	12.78	20.9	ug/L	7304	3	13.56	8752	25.0
unknown-05	12.86	2.5	ug/L	883	3	13.56	8752	25.0
unknown-06	13.25	1.7	ug/L	593	3	13.56	8752	25.0
(DEL) Alkane: Str...	13.41	19.5	ug/L	6831	3	13.56	8752	25.0
(DEL) Alkane: Cyc...	13.76	14.6	ug/L	5126	3	13.56	8752	25.0
unknown-07	14.07	75.1	ug/L	26279	3	13.56	8752	25.0
unknown-08	14.20	7.9	ug/L	2767	3	13.56	8752	25.0
unknown-09	15.21	2.0	ug/L	682	3	13.56	8752	25.0
unknown-10	15.25	1.5	ug/L	529	3	13.56	8752	25.0
Benzene, 1,4-bis(...	15.44	64.7	ug/L	22643	3	13.56	8752	25.0