LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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	2.154	36	41	48	rBV	9616	22227	3.05%	0.604%
2	2.349	67	73	84	rVB	49872	87713	12.03%	2.384%
3	2.885	154	161	175	rVB	40865	102540	14.06%	2.787%
4	3.337	233	235	236	rVB	479	245	0.03%	0.007%
5	3.355	236	238	239	rBV2	311	281	0.04%	0.008%
6	3.477	255	258	259	rBV	413	398	0.05%	0.011%
7	3.617	277	281	283	rBV2	244	245	0.03%	0.007%
8	3.769	302	306	307	rBV3	514	670	0.09%	0.018%
9	3.837	315	317	320	rVB	352	332	0.05%	0.009%
10	3.904	325	328	329	rBV	362	305	0.04%	0.008%
11	3.916	329	330	333	rVB	531	280	0.04%	0.008%
12	4.013	333	346	360	rBV2	62099	204376	28.03%	5.555%
13	4.202	375	377	380	rVB2	388	392	0.05%	0.011%
14	4.245	382	384	386	rBV2	500	436	0.06%	0.012%
15	4.324	392	397	400	rBV3	357	635	0.09%	0.017%
16	4.397	400	409	413	rBV4	1241	3372	0.46%	0.092%
17	4.501	425	426	430	rBV2	307	463	0.06%	0.013%
18	4.708	459	460	463	rBV2	257	253	0.03%	0.007%
19	4.745	463	466	467	rBV2	319	259	0.04%	0.007%
20	4.781	470	472	474	rBV	433	305	0.04%	0.008%
21	4.909	484	493	495	rBV6	4122	9509	1.30%	0.258%
22	5.086	520	522	523	rBV2	425	304	0.04%	0.008%
23	5.105	523	525	526	rBV	359	290	0.04%	0.008%
24	5.391	569	572	573	rBV	404	354	0.05%	0.010%
25	5.623	609	610	612	rBV	398	230	0.03%	0.006%
26	5.720	624	626	629	rBV2	434	373	0.05%	0.010%
27	5.928	656	660	670	rVB4	1516	3687	0.51%	0.100%
28	6.043	677	679	682	rVB2	287	317	0.04%	0.009%
29	6.068	682	683	685	rBV	285	242	0.03%	0.007%
30	6.153	695	697	700	rVB2	348	257	0.04%	0.007%
31	6.184	700	702	705	rVB2	366	379	0.05%	0.010%
32	6.239	705	711	712	rBV2	283	337	0.05%	0.009%
33	6.373	732	733	735	rBV	422	264	0.04%	0.007%
34	6.464	743	748	749	rVB	241	292	0.04%	0.008%

LSC Area Percent Report

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Operator : SY/VA
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Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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	6.501	752	754	757	rBV2	174	244	0.03%	0.007%
36	6.549	759	762	763	rBV2	285	332	0.05%	0.009%
37	6.610	770	772	775	rVB2	333	345	0.05%	0.009%
38	6.714	785	789	791	rBV	278	465	0.06%	0.013%
39	6.793	801	802	807	rVB	250	230	0.03%	0.006%
40	6.897	816	819	821	rVB	360	323	0.04%	0.009%
41	6.982	830	833	834	rVB	441	366	0.05%	0.010%
42	7.074	839	848	852	rBV	34425	85025	11.66%	2.311%
43	7.391	898	900	902	rVB2	589	425	0.06%	0.012%
44	7.409	902	903	905	rBV2	421	304	0.04%	0.008%
45	7.531	916	923	926	rBV4	1701	3236	0.44%	0.088%
46	7.641	932	941	956	rBV	146318	366001	50.20%	9.947%
47	7.793	965	966	967	rBV	362	242	0.03%	0.007%
48	7.952	985	992	1000	rVB5	3767	9150	1.26%	0.249%
49	8.013	1000	1002	1007	rBV3	362	493	0.07%	0.013%
50	8.141	1019	1023	1024	rBV2	417	353	0.05%	0.010%
51	8.275	1034	1045	1062	rVV2	251729	729059	100.00%	19.815%
52	8.439	1071	1072	1074	rBV2	549	328	0.04%	0.009%
53	8.573	1091	1094	1096	rBV2	885	936	0.13%	0.025%
54	8.842	1129	1138	1147	rBV	147904	292692	40.15%	7.955%
55	8.933	1151	1153	1156	rVV2	394	387	0.05%	0.011%
56	9.049	1169	1172	1174	rVB2	559	456	0.06%	0.012%
57	9.067	1174	1175	1181	rVB3	575	784	0.11%	0.021%
58	9.275	1200	1209	1215	rBV	193168	403289	55.32%	10.961%
59	9.409	1230	1231	1233	rBV2	580	536	0.07%	0.015%
60	9.482	1241	1243	1244	rBV	385	253	0.03%	0.007%
61	9.592	1259	1261	1264	rVB2	488	544	0.07%	0.015%
62	9.659	1269	1272	1277	rVB4	1104	1982	0.27%	0.054%
63	9.701	1277	1279	1282	rBV2	205	315	0.04%	0.009%
64	9.768	1284	1290	1291	rBV4	413	746	0.10%	0.020%
65	9.939	1316	1318	1319	rBV	292	281	0.04%	0.008%
66	10.031	1327	1333	1345	rVB	31176	58847	8.07%	1.599%
67	10.213	1357	1363	1365	rVV3	1430	2185	0.30%	0.059%
68	10.323	1373	1381	1389	rBV	172868	316774	43.45%	8.609%
69	10.579	1416	1423	1431	rVB	11344	19647	2.69%	0.534%
70	10.658	1434	1436	1437	rBV2	1268	1030	0.14%	0.028%
71	10.701	1437	1443	1449	rVB	46957	84034	11.53%	2.284%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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\SOM2WLM111119S.M
Title : VOC Analysis

72	10.927	1473	1480	1489	rBV	54532	100232	13.75%	2.724%
73	11.061	1496	1502	1509	rVB	24318	38697	5.31%	1.052%
74	11.140	1513	1515	1516	rBV2	934	601	0.08%	0.016%
75	11.225	1527	1529	1535	rVB6	1920	2209	0.30%	0.060%
76	11.439	1559	1564	1570	rVB2	20963	36378	4.99%	0.989%
77	11.628	1589	1595	1610	rVB	77128	137918	18.92%	3.748%
78	12.158	1679	1682	1683	rBV2	1932	1712	0.23%	0.047%
79	12.463	1730	1732	1733	rBV2	1086	575	0.08%	0.016%
80	12.609	1749	1756	1761	rVB	50918	83594	11.47%	2.272%
81	12.689	1761	1769	1777	rBV	118373	196600	26.97%	5.343%
82	12.774	1780	1783	1784	rBV3	1001	1330	0.18%	0.036%
83	12.932	1804	1809	1819	rVB	12076	19584	2.69%	0.532%
84	13.042	1819	1827	1829	rBV6	1314	2096	0.29%	0.057%
85	13.073	1830	1832	1836	rVB3	1703	1938	0.27%	0.053%
86	13.164	1844	1847	1848	rBV2	785	815	0.11%	0.022%
87	13.195	1849	1852	1857	rVB5	1678	2157	0.30%	0.059%
88	13.292	1864	1868	1876	rVB2	9850	15764	2.16%	0.428%
89	13.408	1881	1887	1891	rBV3	3825	6110	0.84%	0.166%
90	13.506	1900	1903	1907	rBV6	1852	3009	0.41%	0.082%
91	13.560	1907	1912	1916	rBV2	14693	24537	3.37%	0.667%
92	13.762	1939	1945	1948	rBV4	3448	6107	0.84%	0.166%
93	13.853	1954	1960	1966	rBV	32519	56647	7.77%	1.540%
94	14.005	1983	1985	1986	rBV	1259	990	0.14%	0.027%
95	14.072	1990	1996	2001	rVB	17555	28295	3.88%	0.769%
96	14.201	2012	2017	2022	rBV4	2157	3650	0.50%	0.099%
97	14.725	2096	2103	2109	rBV4	2179	4387	0.60%	0.119%
98	15.133	2164	2170	2179	rVB3	18547	32502	4.46%	0.883%
99	15.438	2215	2220	2226	rVB2	14754	22872	3.14%	0.622%
100	15.554	2234	2239	2245	rVB2	12262	22864	3.14%	0.621%

Sum of corrected areas: 3679371

LSC Report - Integrated Chromatogram

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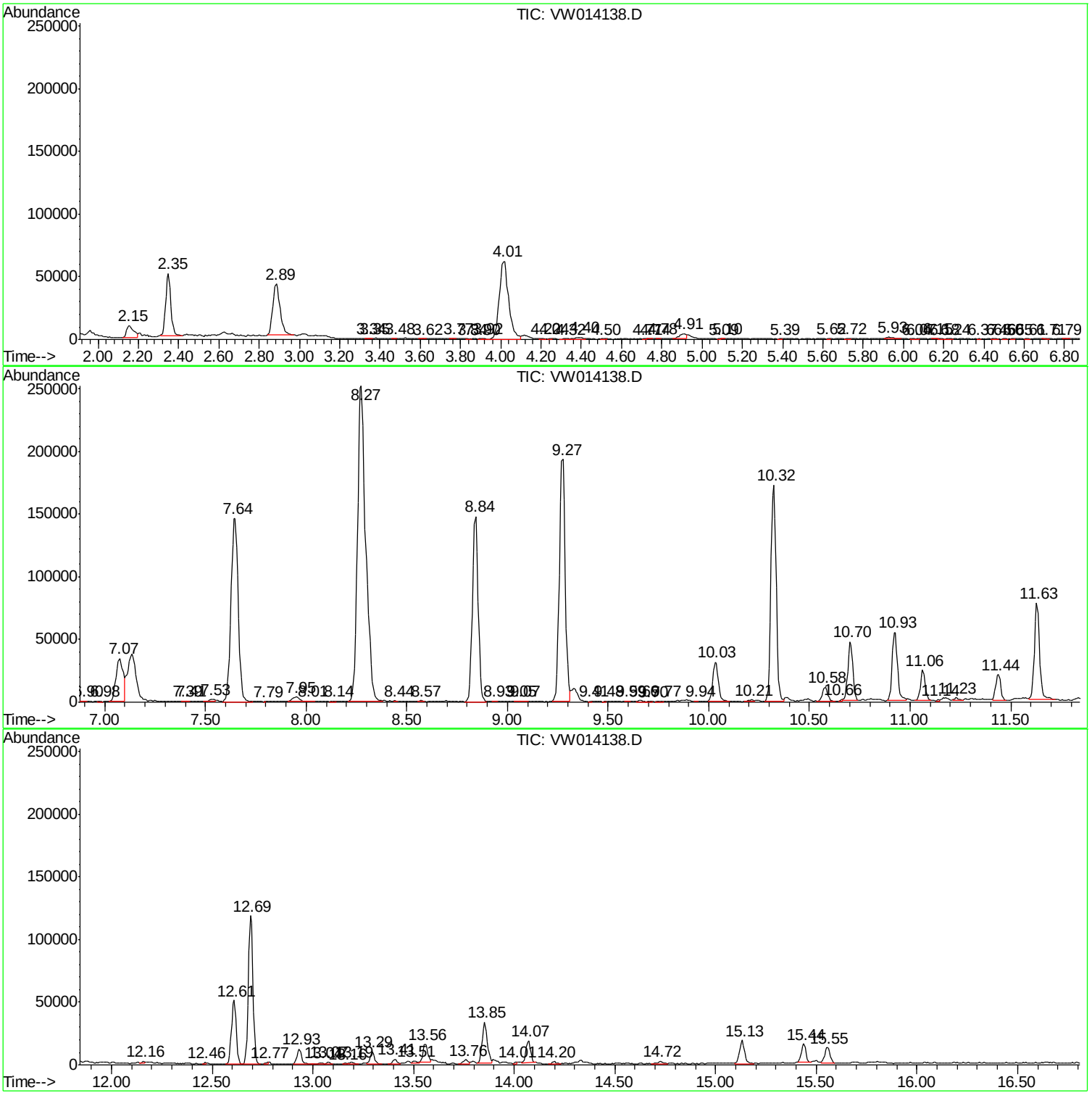
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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 : VW014138.D
Acq On : 26 Nov 2019 16:42
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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

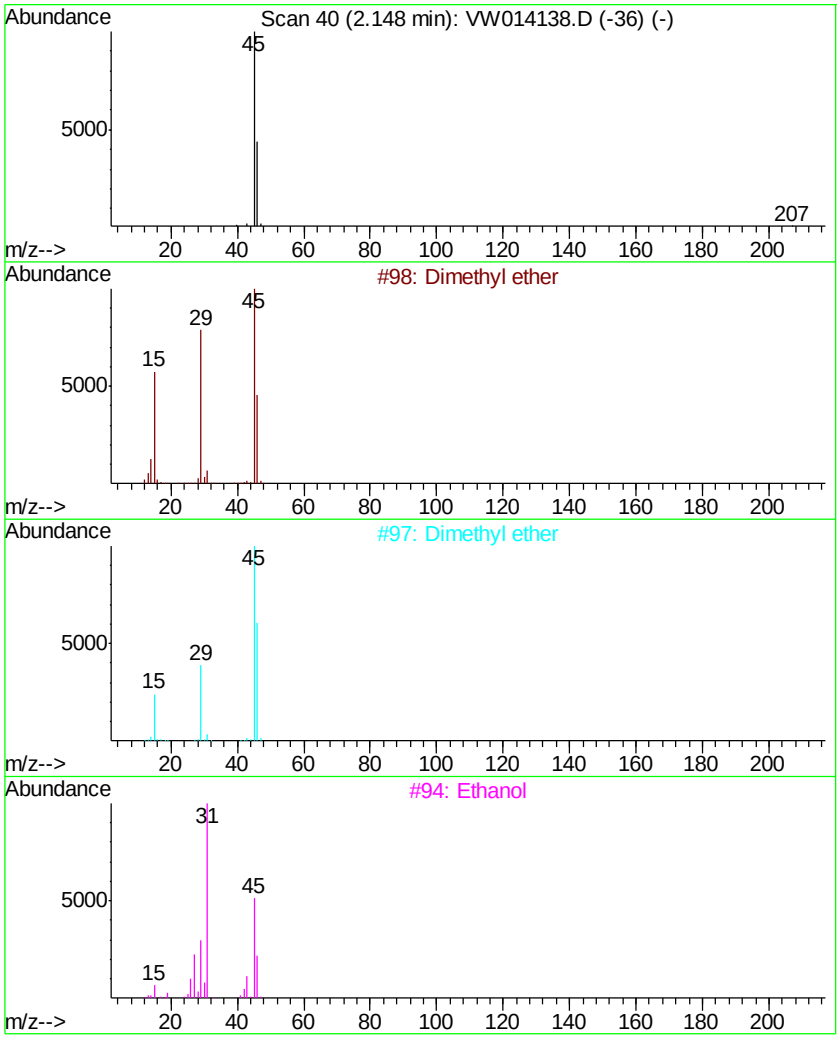
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

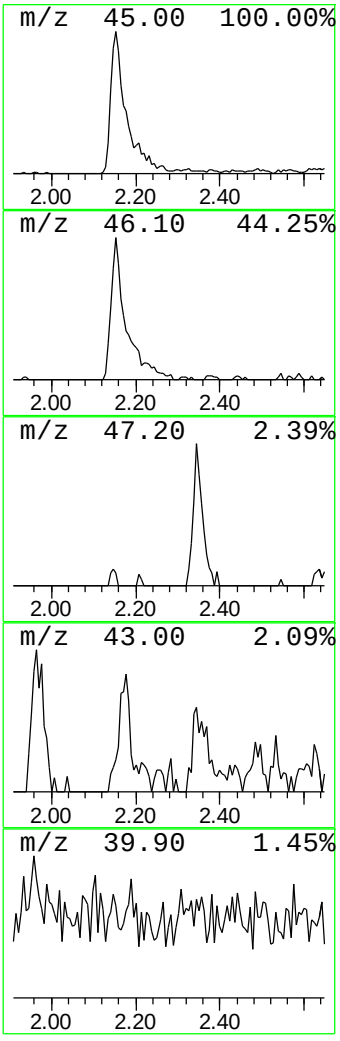
****

Peak Number 1 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.90 ug/L	22227	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	9
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





Library Search Compound Report

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Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

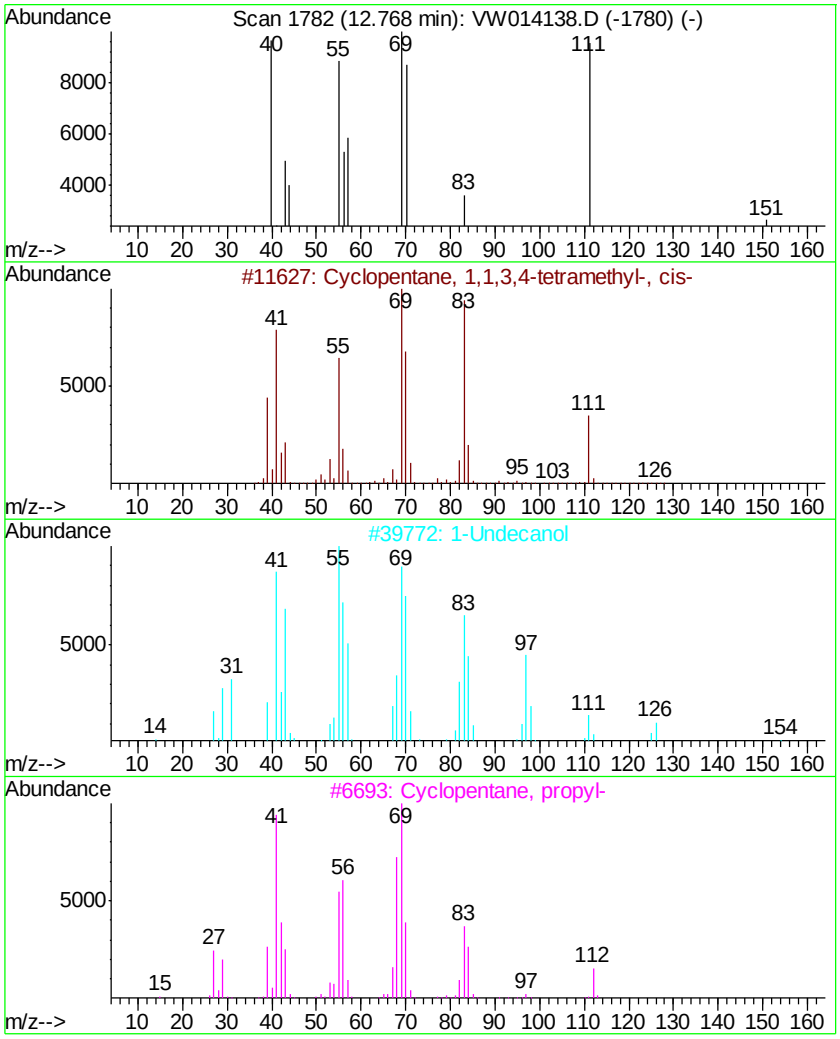
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

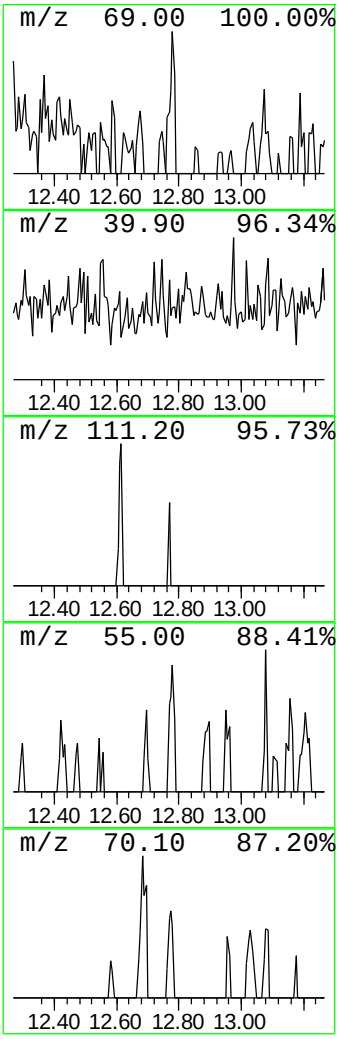
****

Peak Number 7 (DEL) Alkane: Cyclic12.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	1.36 ug/L	1330	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	38
2	1-Undecanol	172	C11H24O	000112-42-5	33
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	9
4	Cycloheptane	98	C7H14	000291-64-5	9
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014138.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

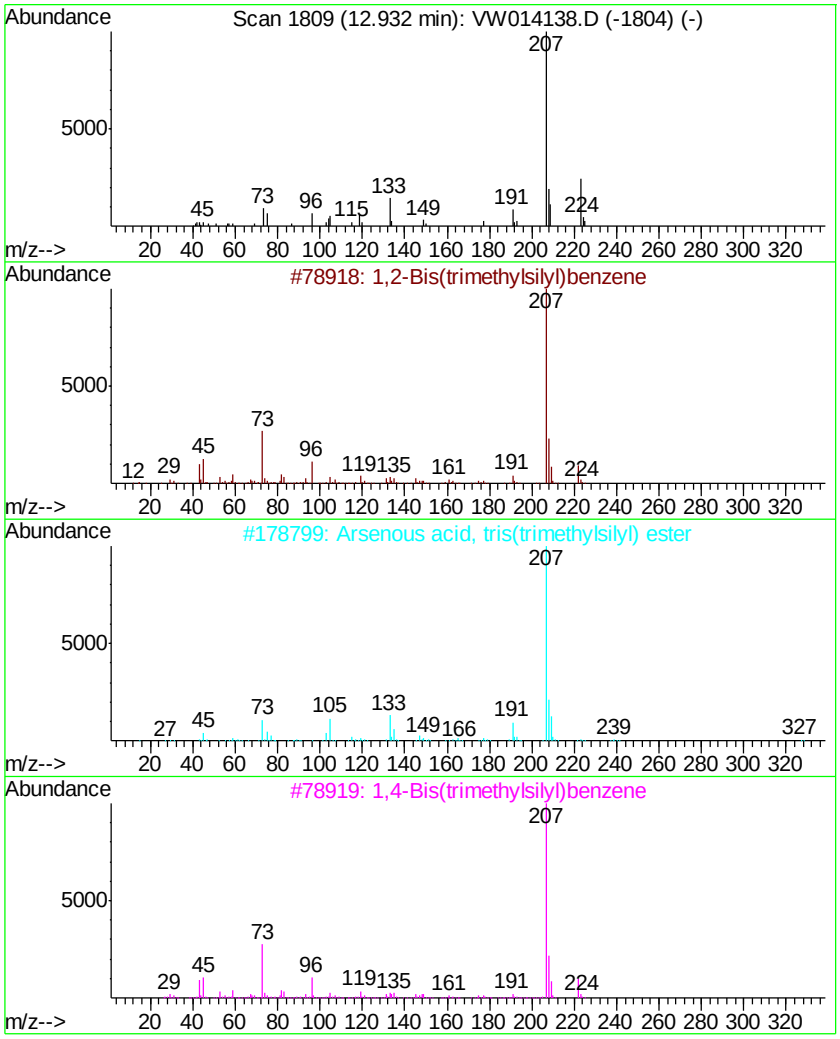
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

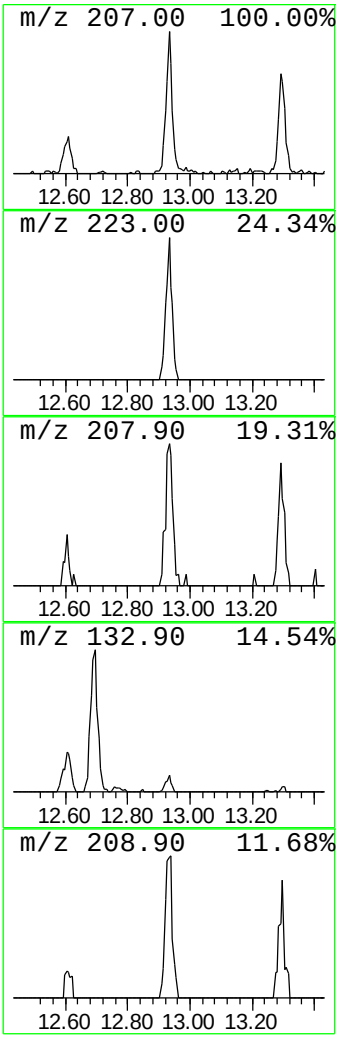
****

Peak Number 8 1,2-Bis(trimethylsilyl)benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	19.95 ug/L	19584	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	64
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	64
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	59
5	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1000129-52-1	47





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

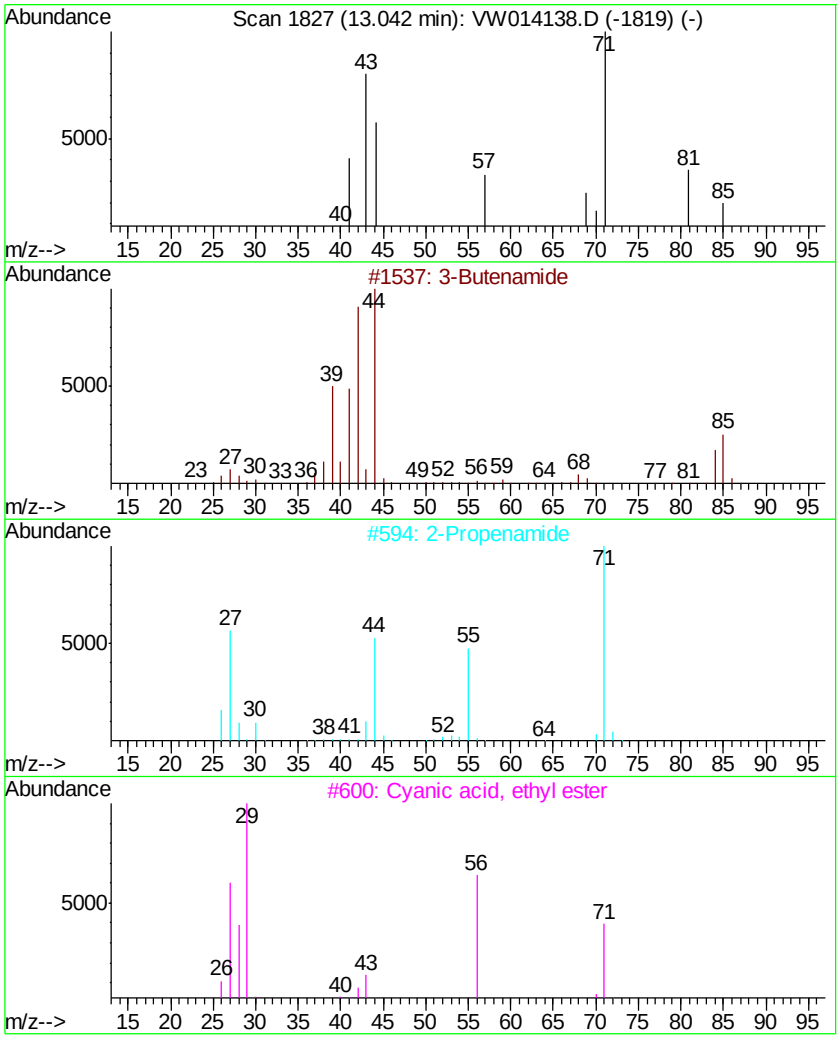
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

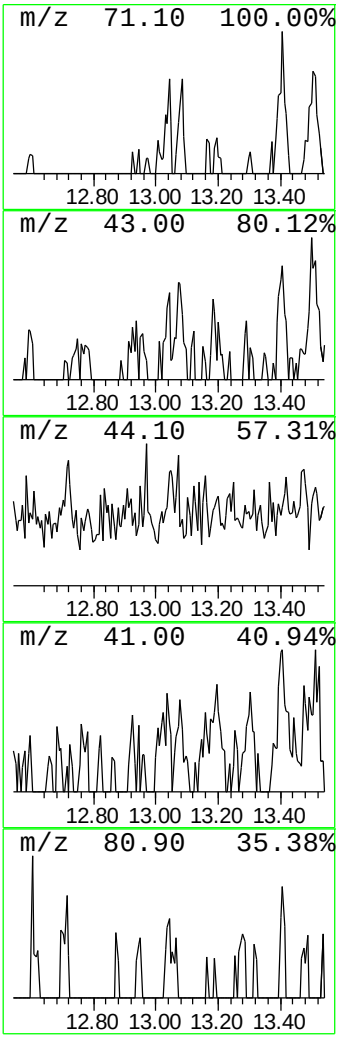
****

Peak Number 9 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.14 ug/L	2096	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenamide	85	C4H7NO	028446-58-4	7
2	2-Propenamide	71	C3H5NO	000079-06-1	4
3	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	4
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4
5	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	4





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

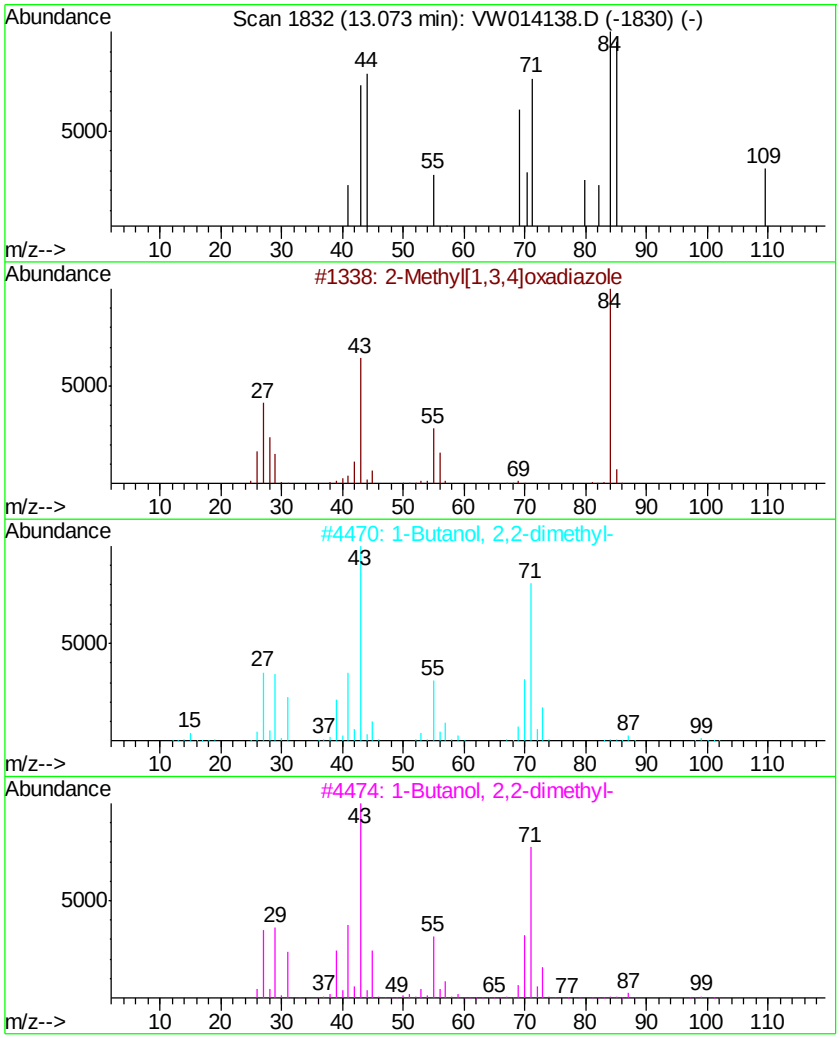
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

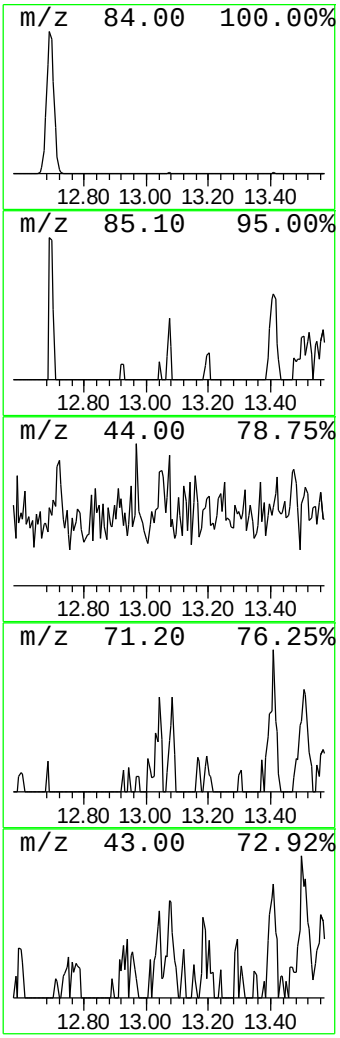
****

Peak Number 10 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	1.97 ug/L	1938	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	9
2	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	9
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	9
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	9
5	Piperidine	85	C5H11N	000110-89-4	7





Library Search Compound Report

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Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
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Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

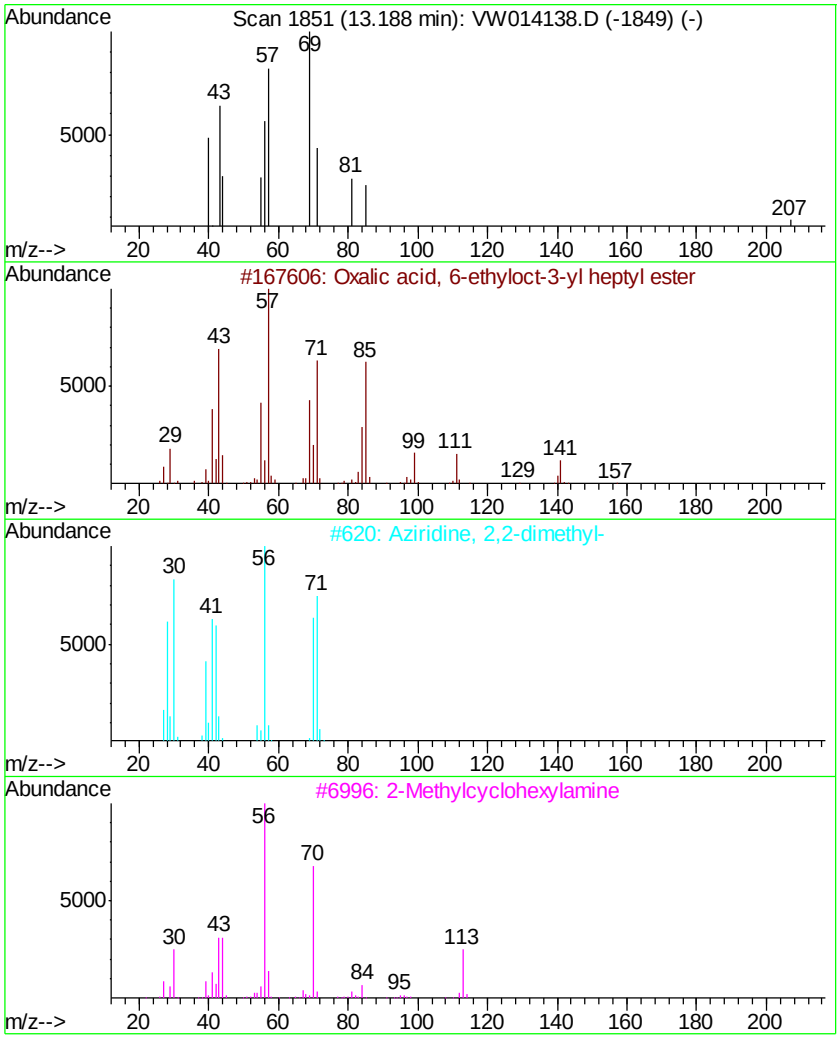
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

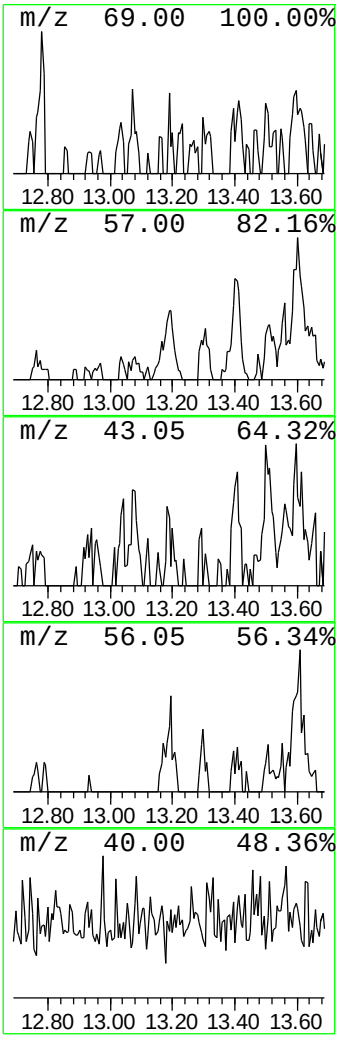
****

Peak Number 11 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.20 ug/L	2157	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	10
2	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	9
3	2-Methylcyclohexylamine	113	C7H15N	007003-32-9	9
4	2-Propenamide	71	C3H5NO	000079-06-1	9
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

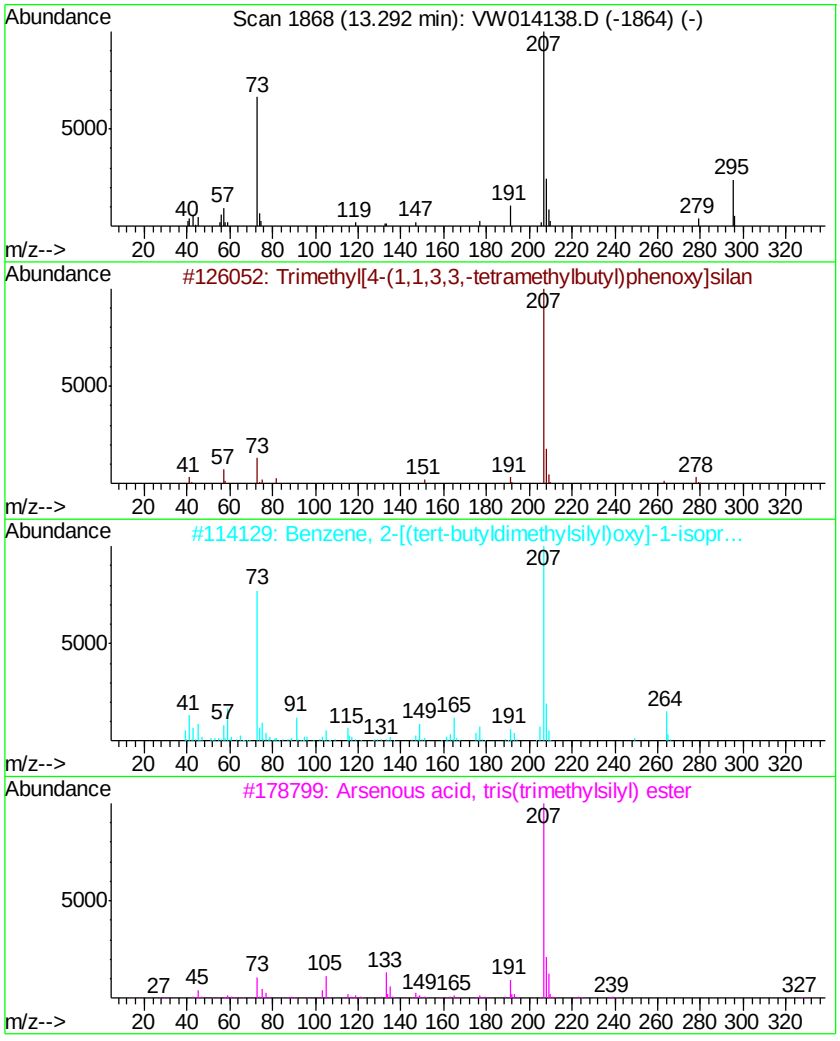
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

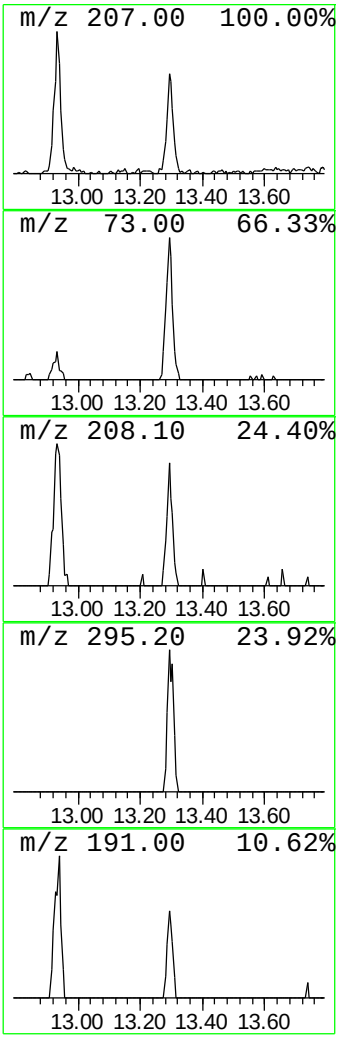
****

Peak Number 12 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	16.06 ug/L	15764	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethyl[4-(1,1,3,3,-tetramethy...	278	C17H30OSi	078721-87-6	42
2	Benzene, 2-[(tert-butyldimethyls...	264	C16H28OSi	330455-64-6	38
3	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	38
4	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	38
5	Tris(tert-butyldimethylsilyloxy)...	468	C18H45AsO3Si3	1000366-57-5	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

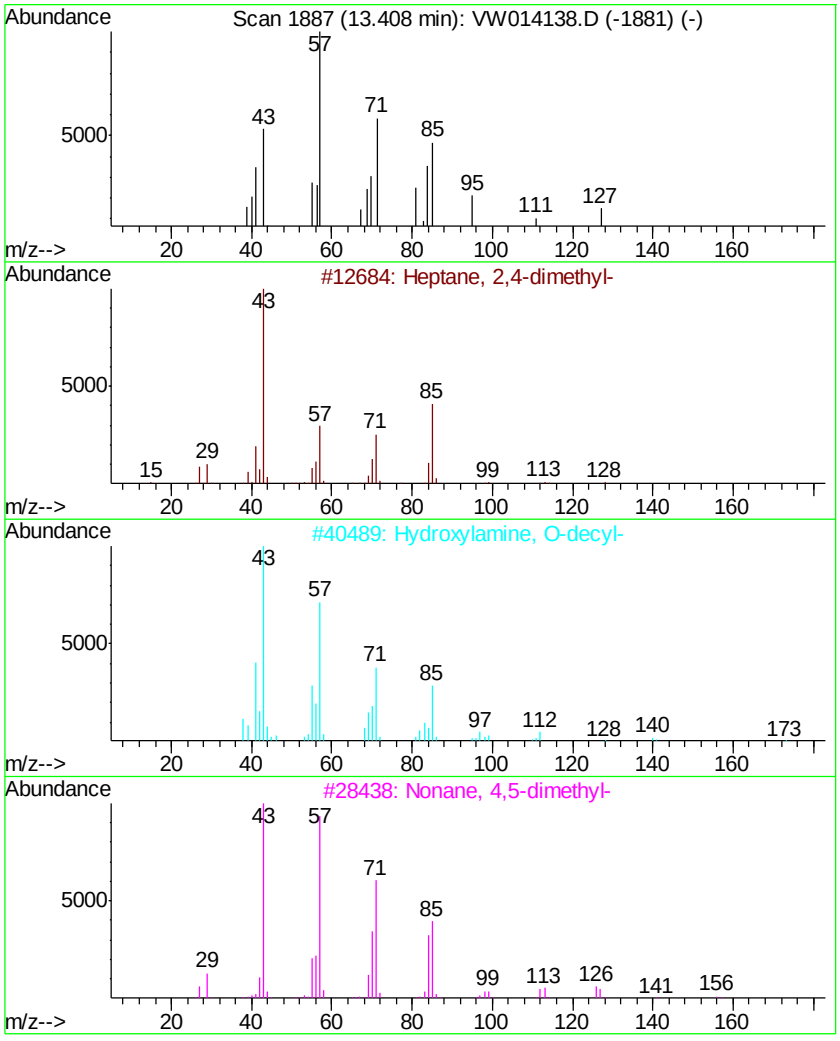
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

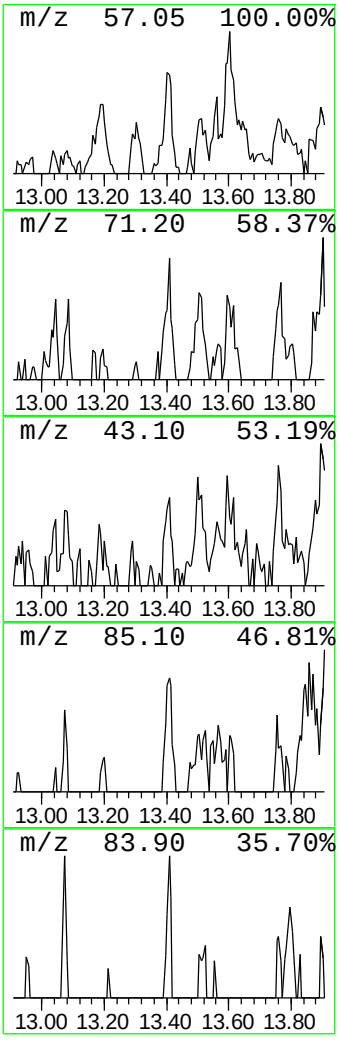
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	6.23 ug/L	6110	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	42
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	42
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	40





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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

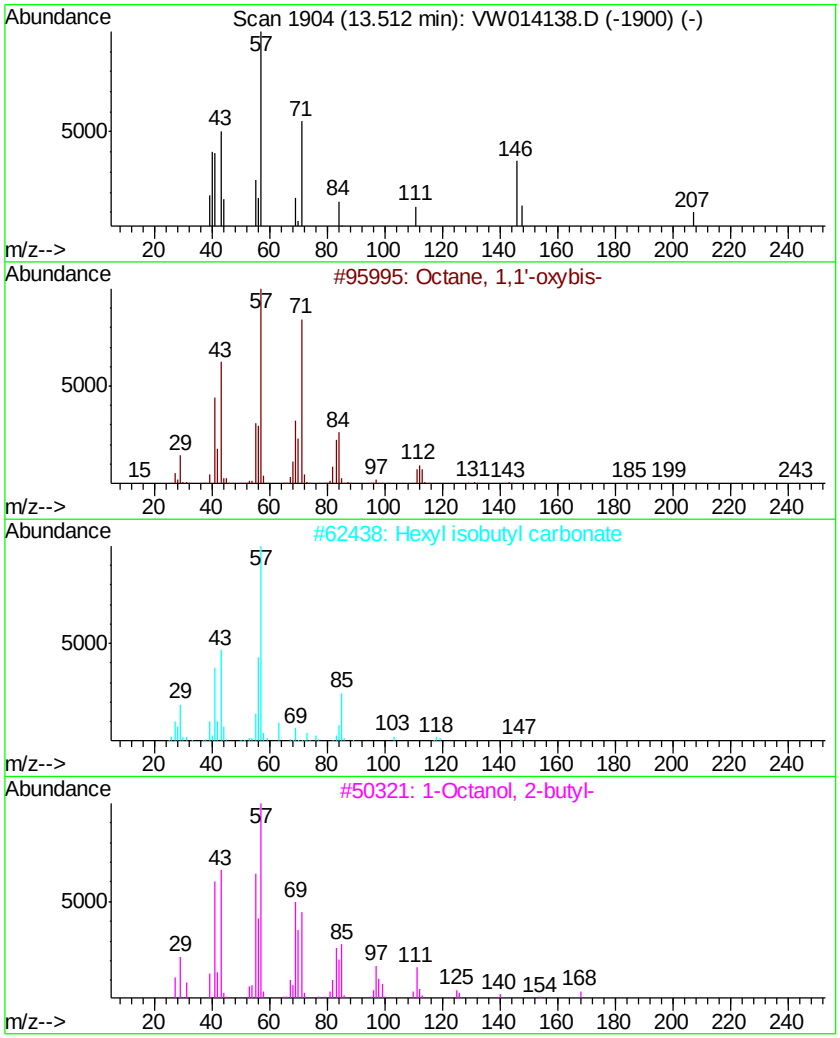
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

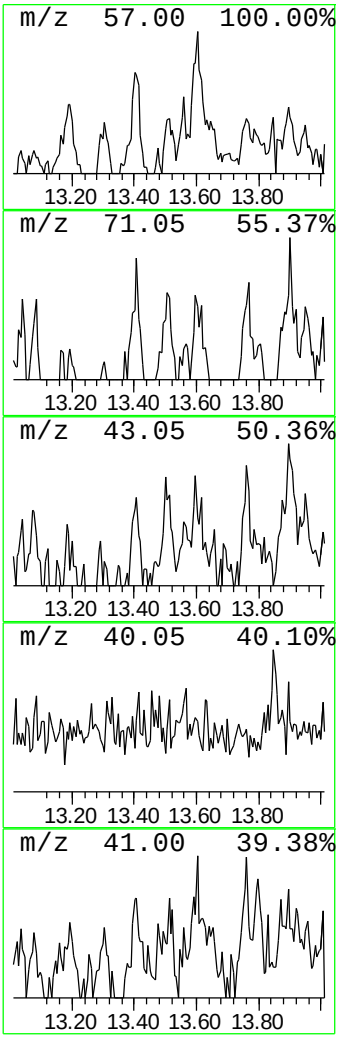
****

Peak Number 14 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	3.07 ug/L	3009	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	25
2	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	25
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
4	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	23
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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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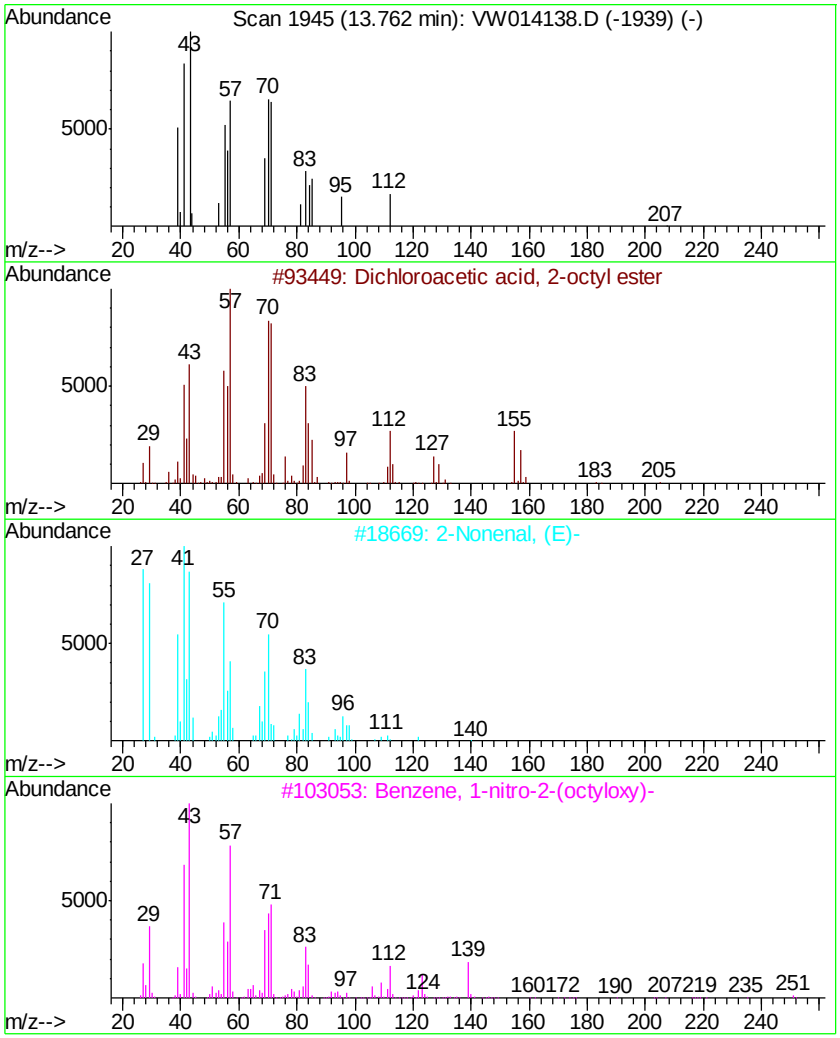
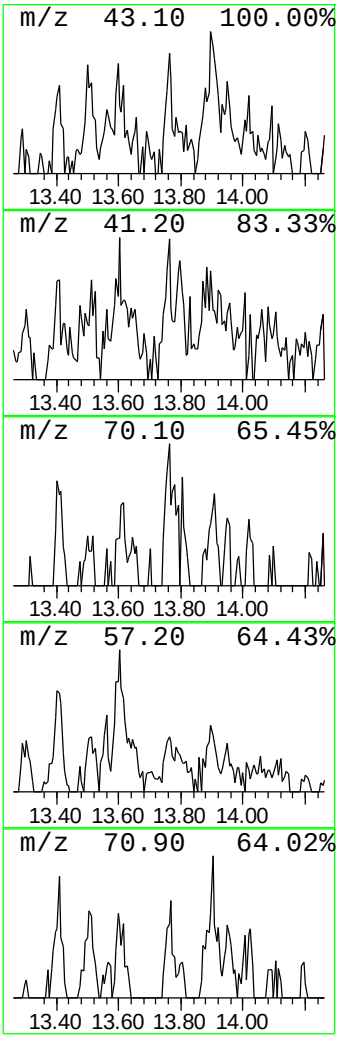
Peak Number 15 Dichloroacetic acid, 2-octy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.22 ug/L	6107	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 2-octyl ester	240	C10H18Cl2O2	096980-53-9	53
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	50
3	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	50
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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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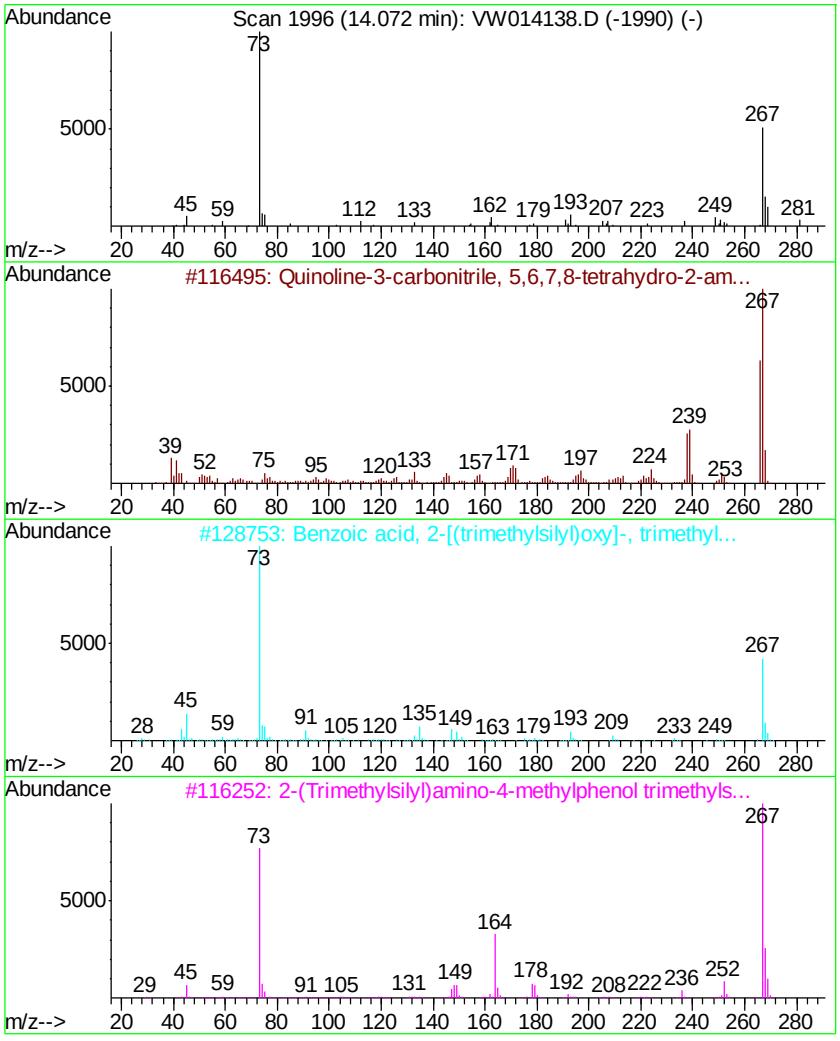
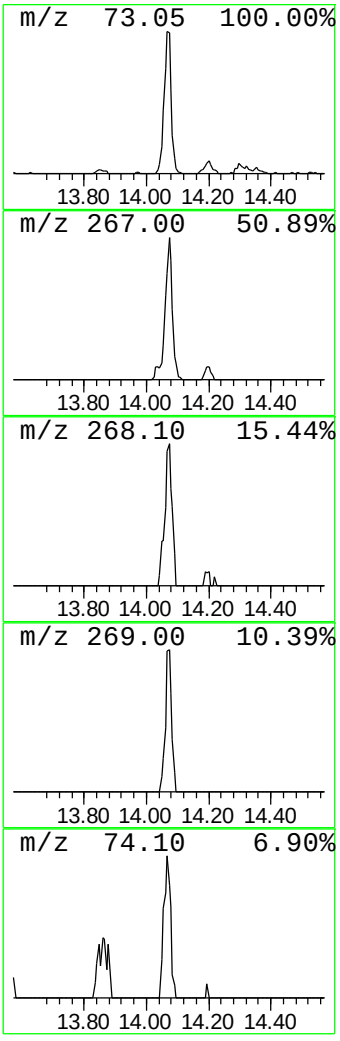
Peak Number 16 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	28.83 ug/L	28295	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline-3-carbonitrile, 5,6,7,...	267	C16H14FN3	329693-03-0	43
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42
3	2-(Trimethylsilyl)amino-4-methyl...	267	C13H25NOSi2	1000373-28-1	40
4	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	39
5	Propenone, 1-(4-nitrophenyl)-3-p...	268	C15H12N2O3	1000302-96-9	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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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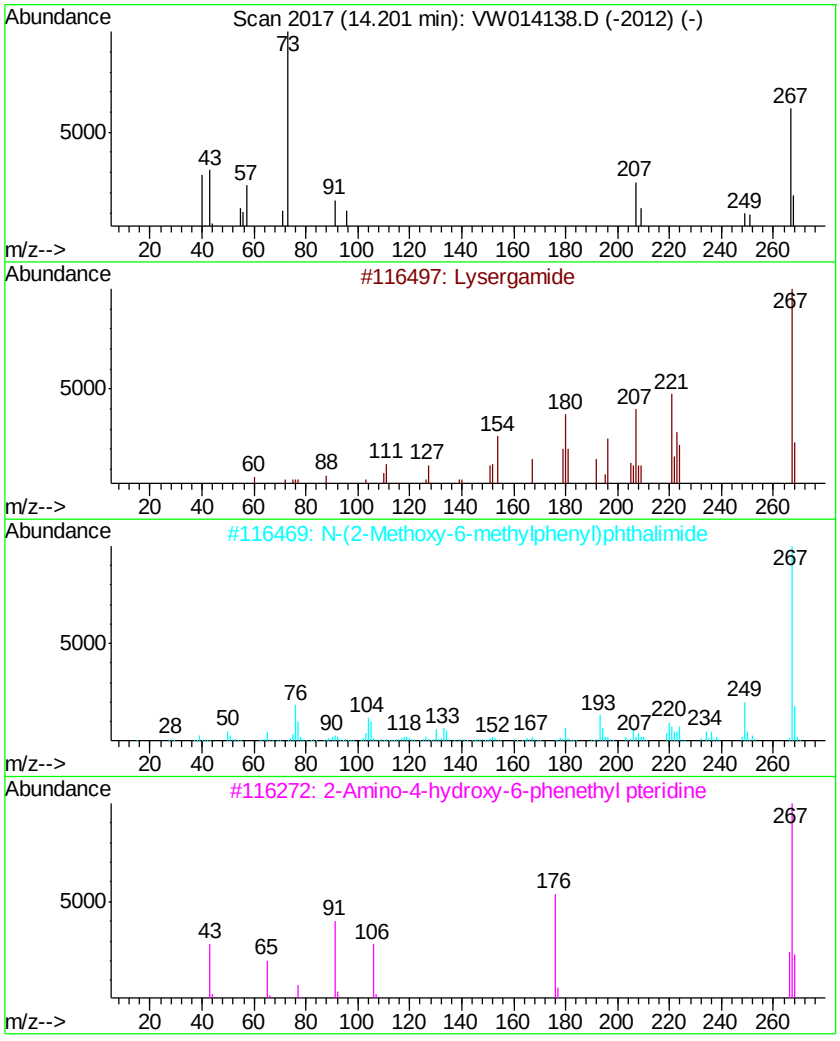
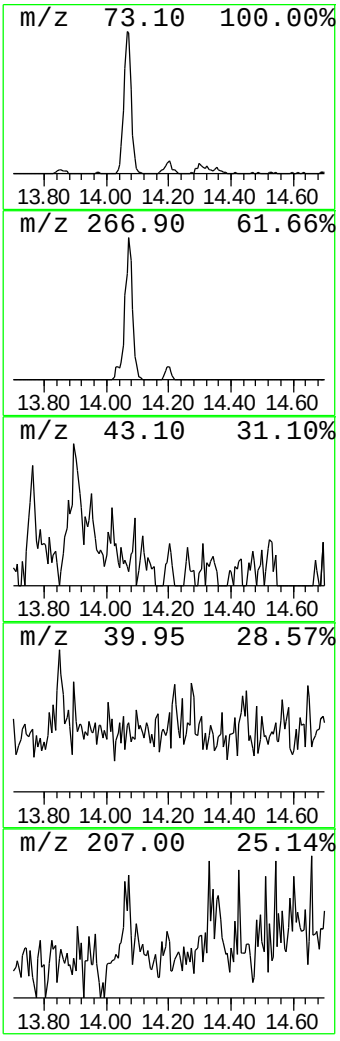
Peak Number 17 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.72 ug/L	3650	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lysergamide	267	C16H17N3O	000478-94-4	38
2	N-(2-Methoxy-6-methylphenyl)phth...	267	C16H13NO3	003400-82-6	9
3	2-Amino-4-hydroxy-6-phenethyl pt...	267	C14H13N5O	004215-03-6	5
4	[2-Amino-4-(adamantyl-1)phenyllc...	267	C19H25N	1000140-61-3	5
5	Benzo(a)pyren-6-amine	267	C20H13N	007428-83-3	5





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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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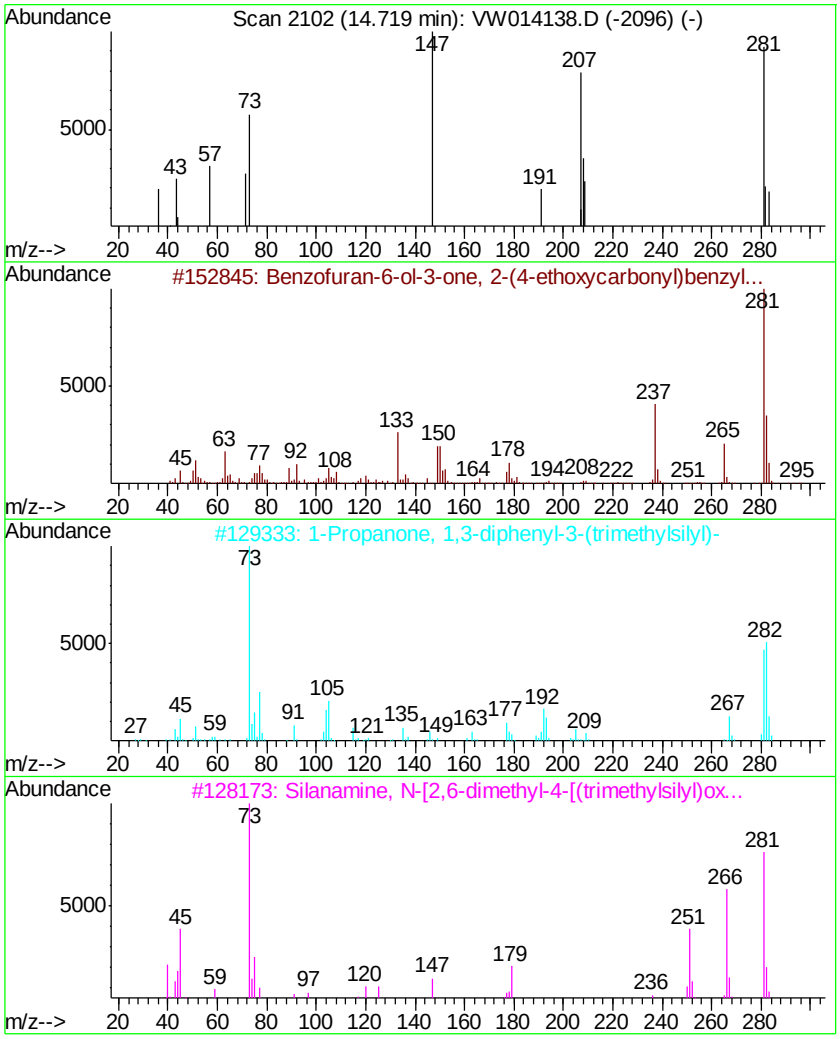
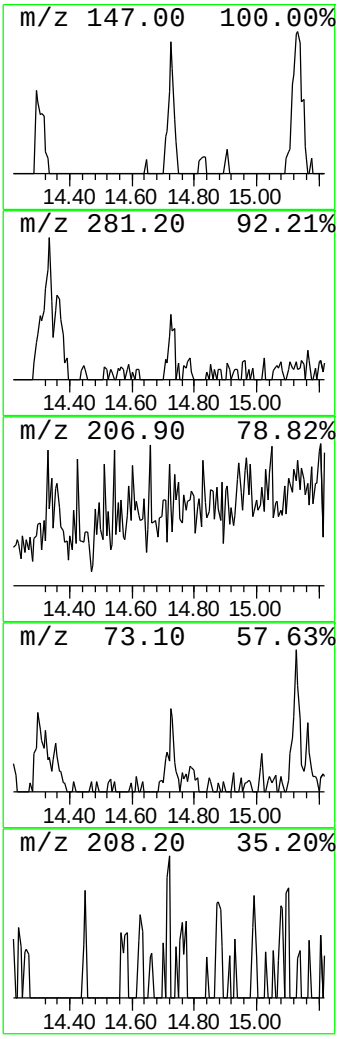
Peak Number 18 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.47 ug/L	4387	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	23
2	1-Propanone, 1,3-diphenyl-3-(tri...	282	C18H22OSi	030262-98-7	9
3	Silanamine, N-[2,6-dimethyl-4-[(...	281	C14H27NOSi2	072088-09-6	9
4	Thiazolidin-4-one, 5-(2,3-dimeth...	281	C12H11NO3S2	127378-16-9	9
5	2',4'-Dihydroxyacetophenone, bis...	296	C14H24O3Si2	1000352-82-1	9





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Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

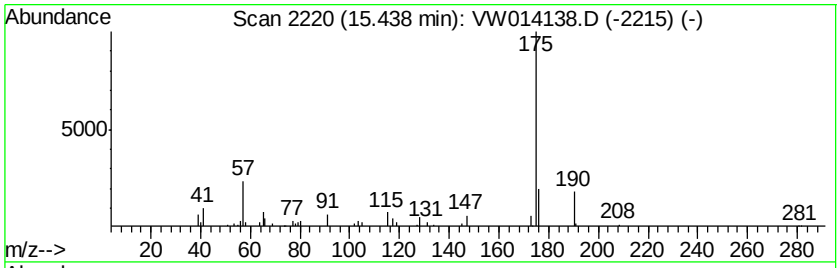
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

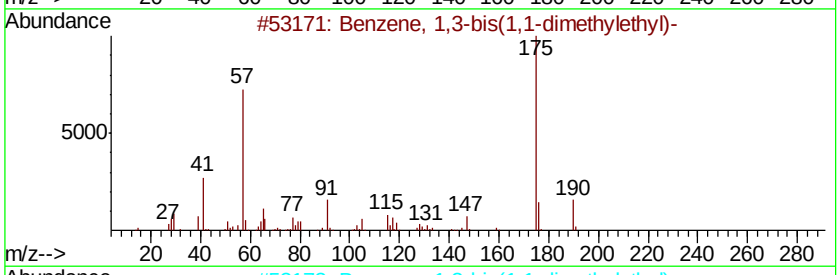
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

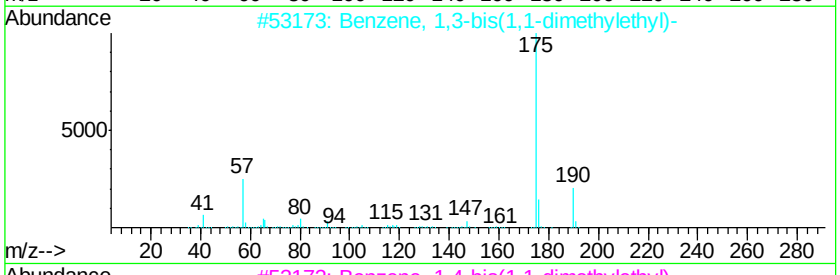
****
Peak Number 19 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

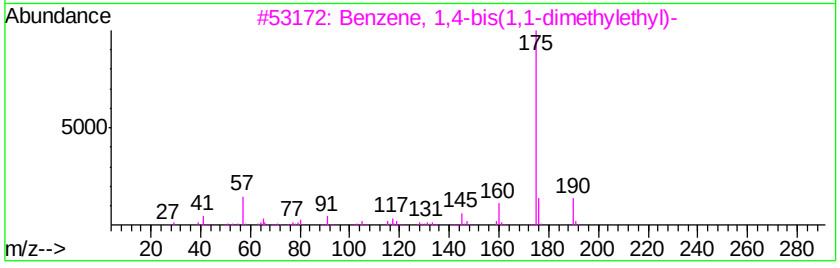
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	23.30 ug/L	22872	1,4-Dichlorobenzene-d4	13.56

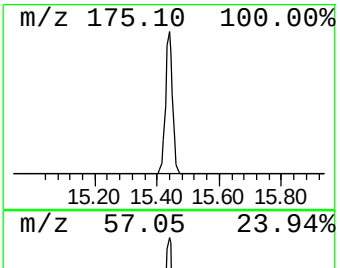
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	59

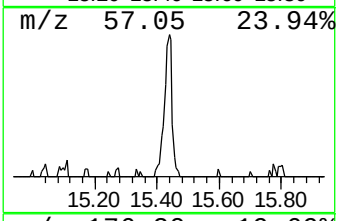


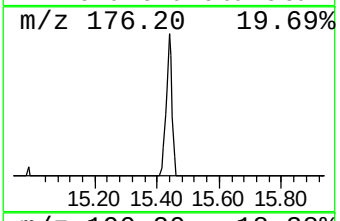


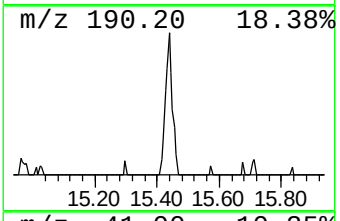


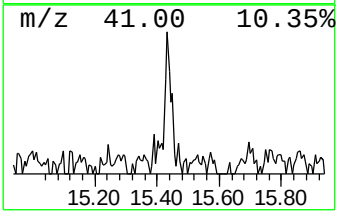












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
Sample : K6063-03
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9

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	2.15	1.9	ug/L	22227	1	8.84	292692	25.0
(DEL) Alkane: Cyc...	12.77	1.4	ug/L	1330	3	13.56	24537	25.0
1,2-Bis(trimethyl...	12.93	19.9	ug/L	19584	3	13.56	24537	25.0
unknown-02	13.04	2.1	ug/L	2096	3	13.56	24537	25.0
unknown-03	13.07	2.0	ug/L	1938	3	13.56	24537	25.0
unknown-04	13.19	2.2	ug/L	2157	3	13.56	24537	25.0
unknown-05	13.29	16.1	ug/L	15764	3	13.56	24537	25.0
(DEL) Alkane: Str...	13.41	6.2	ug/L	6110	3	13.56	24537	25.0
unknown-06	13.51	3.1	ug/L	3009	3	13.56	24537	25.0
Dichloroacetic ac...	13.76	6.2	ug/L	6107	3	13.56	24537	25.0
unknown-07	14.07	28.8	ug/L	28295	3	13.56	24537	25.0
unknown-08	14.20	3.7	ug/L	3650	3	13.56	24537	25.0
unknown-09	14.72	4.5	ug/L	4387	3	13.56	24537	25.0
Benzene, 1,3-bis(...	15.44	23.3	ug/L	22872	3	13.56	24537	25.0