LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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	2.153	36	41	48	rBV	17238	37714	2.54%	0.421%
2	2.349	67	73	82	rBV	101242	175611	11.83%	1.958%
3	2.885	154	161	177	rVB	71154	180701	12.18%	2.015%
4	3.233	216	218	220	rBV2	605	541	0.04%	0.006%
5	3.379	238	242	252	rVB5	1352	3416	0.23%	0.038%
6	3.519	263	265	266	rBV2	466	302	0.02%	0.003%
7	3.598	277	278	281	rVB2	401	313	0.02%	0.003%
8	3.690	291	293	300	rVB3	392	637	0.04%	0.007%
9	3.739	300	301	304	rBV2	382	369	0.02%	0.004%
10	3.879	321	324	328	rBV2	249	411	0.03%	0.005%
11	4.019	334	347	364	rBV2	155183	497214	33.50%	5.544%
12	4.208	376	378	384	rVB2	680	764	0.05%	0.009%
13	4.360	399	403	404	rBV2	517	532	0.04%	0.006%
14	4.476	420	422	424	rBV2	458	326	0.02%	0.004%
15	4.495	424	425	428	rVB	425	347	0.02%	0.004%
16	4.616	442	445	447	rBV3	326	394	0.03%	0.004%
17	4.793	472	474	477	rBV2	336	364	0.02%	0.004%
18	4.909	484	493	509	rVB5	6810	26891	1.81%	0.300%
19	5.092	520	523	524	rBV	313	312	0.02%	0.003%
20	5.116	524	527	529	rBV2	338	382	0.03%	0.004%
21	5.305	554	558	562	rVB2	263	307	0.02%	0.003%
22	5.732	625	628	629	rBV2	604	548	0.04%	0.006%
23	5.927	655	660	663	rBV4	1285	2871	0.19%	0.032%
24	6.189	701	703	706	rVB	436	348	0.02%	0.004%
25	6.232	706	710	711	rBV2	349	422	0.03%	0.005%
26	6.269	713	716	718	rVV2	386	380	0.03%	0.004%
27	6.573	764	766	770	rBV2	364	407	0.03%	0.005%
28	6.915	820	822	824	rBV	358	352	0.02%	0.004%
29	7.012	835	838	840	rBV3	296	359	0.02%	0.004%
30	7.073	840	848	853	rBV2	46020	126846	8.55%	1.414%
31	7.293	883	884	886	rBV2	621	415	0.03%	0.005%
32	7.317	886	888	890	rVV3	613	445	0.03%	0.005%
33	7.360	893	895	897	rVB2	358	316	0.02%	0.004%
34	7.445	904	909	912	rBV3	538	1005	0.07%	0.011%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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	7.646	931	942	954	rVB	250773	619680	41.76%	6.910%
36	7.732	954	956	958	rVV2	514	371	0.02%	0.004%
37	7.805	964	968	970	rVB	340	488	0.03%	0.005%
38	7.823	970	971	975	rBV	297	394	0.03%	0.004%
39	7.902	982	984	986	rBB2	545	292	0.02%	0.003%
40	7.963	988	994	995	rVB3	365	497	0.03%	0.006%
41	8.024	1001	1004	1005	rBV	516	545	0.04%	0.006%
42	8.043	1005	1007	1009	rVB	359	285	0.02%	0.003%
43	8.268	1033	1044	1061	rBV2	489919	1484005	100.00%	16.548%
44	8.469	1076	1077	1080	rVB3	666	432	0.03%	0.005%
45	8.555	1089	1091	1095	rVB3	488	487	0.03%	0.005%
46	8.622	1100	1102	1104	rBV3	431	294	0.02%	0.003%
47	8.841	1128	1138	1149	rBV	339595	692204	46.64%	7.719%
48	9.043	1166	1171	1173	rBV2	1474	1976	0.13%	0.022%
49	9.268	1197	1208	1219	rBV	328915	681079	45.89%	7.595%
50	9.597	1258	1262	1264	rBV3	525	766	0.05%	0.009%
51	9.652	1264	1271	1279	rVB6	2486	5237	0.35%	0.058%
52	9.756	1283	1288	1290	rBV2	292	479	0.03%	0.005%
53	9.829	1296	1300	1302	rBV3	574	642	0.04%	0.007%
54	10.030	1322	1333	1345	rBV	156464	291550	19.65%	3.251%
55	10.207	1360	1362	1365	rBV2	894	759	0.05%	0.008%
56	10.250	1367	1369	1371	rBV2	438	431	0.03%	0.005%
57	10.323	1373	1381	1389	rBV	648140	1142938	77.02%	12.745%
58	10.512	1411	1412	1415	rBV2	644	541	0.04%	0.006%
59	10.573	1416	1422	1429	rVV	95067	164427	11.08%	1.834%
60	10.707	1435	1444	1451	rBV	96825	177952	11.99%	1.984%
61	10.859	1464	1469	1473	rBV5	8079	13680	0.92%	0.153%
62	10.920	1473	1479	1497	rVB	156559	282712	19.05%	3.153%
63	11.060	1497	1502	1509	rBV	29233	49865	3.36%	0.556%
64	11.176	1513	1521	1525	rBV7	1950	3757	0.25%	0.042%
65	11.438	1559	1564	1570	rVB	19900	33827	2.28%	0.377%
66	11.524	1575	1578	1580	rBV2	936	1000	0.07%	0.011%
67	11.627	1588	1595	1606	rBV	422840	714702	48.16%	7.970%
68	11.841	1625	1630	1633	rBV2	1881	2670	0.18%	0.030%
69	12.469	1730	1733	1738	rVB4	1706	2298	0.15%	0.026%
70	12.530	1740	1743	1745	rBV2	324	330	0.02%	0.004%
71	12.609	1748	1756	1762	rBV	74178	124477	8.39%	1.388%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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	12.694	1762	1770	1778	rVB	215194	368928	24.86%	4.114%
73	12.755	1778	1780	1783	rBV2	723	845	0.06%	0.009%
74	12.859	1795	1797	1800	rVV3	574	714	0.05%	0.008%
75	12.932	1805	1809	1817	rVB	15170	22489	1.52%	0.251%
76	13.017	1820	1823	1824	rBV2	694	637	0.04%	0.007%
77	13.078	1830	1833	1837	rVB3	1116	1562	0.11%	0.017%
78	13.121	1837	1840	1843	rBV3	1062	1239	0.08%	0.014%
79	13.164	1843	1847	1848	rBV	812	854	0.06%	0.010%
80	13.298	1862	1869	1876	rVB2	13116	22444	1.51%	0.250%
81	13.408	1880	1887	1893	rBV5	3693	7446	0.50%	0.083%
82	13.469	1895	1897	1898	rBV	725	450	0.03%	0.005%
83	13.554	1905	1911	1919	rBV	270617	447957	30.19%	4.995%
84	13.718	1934	1938	1940	rVB3	738	653	0.04%	0.007%
85	13.761	1940	1945	1947	rBV3	3211	4638	0.31%	0.052%
86	13.853	1953	1960	1967	rBV	288382	477970	32.21%	5.330%
87	14.072	1991	1996	2004	rVB2	16426	27591	1.86%	0.308%
88	14.200	2012	2017	2021	rVB4	1768	2966	0.20%	0.033%
89	14.499	2063	2066	2067	rBV2	645	618	0.04%	0.007%
90	14.602	2081	2083	2084	rBV	541	305	0.02%	0.003%
91	14.816	2116	2118	2119	rBV	732	474	0.03%	0.005%
92	14.907	2132	2133	2134	rBV	633	285	0.02%	0.003%
93	15.072	2159	2160	2162	rBV	917	476	0.03%	0.005%
94	15.096	2162	2164	2165	rVV2	721	409	0.03%	0.005%
95	15.438	2216	2220	2226	rVB	7664	11740	0.79%	0.131%
96	15.566	2239	2241	2243	rBV2	714	692	0.05%	0.008%
97	16.011	2312	2314	2315	rBV2	932	462	0.03%	0.005%
98	16.078	2323	2325	2327	rBV	903	583	0.04%	0.007%
99	16.139	2333	2335	2338	rVB2	1006	800	0.05%	0.009%
100	16.242	2350	2352	2356	rVB3	1003	965	0.07%	0.011%

Sum of corrected areas: 8967823

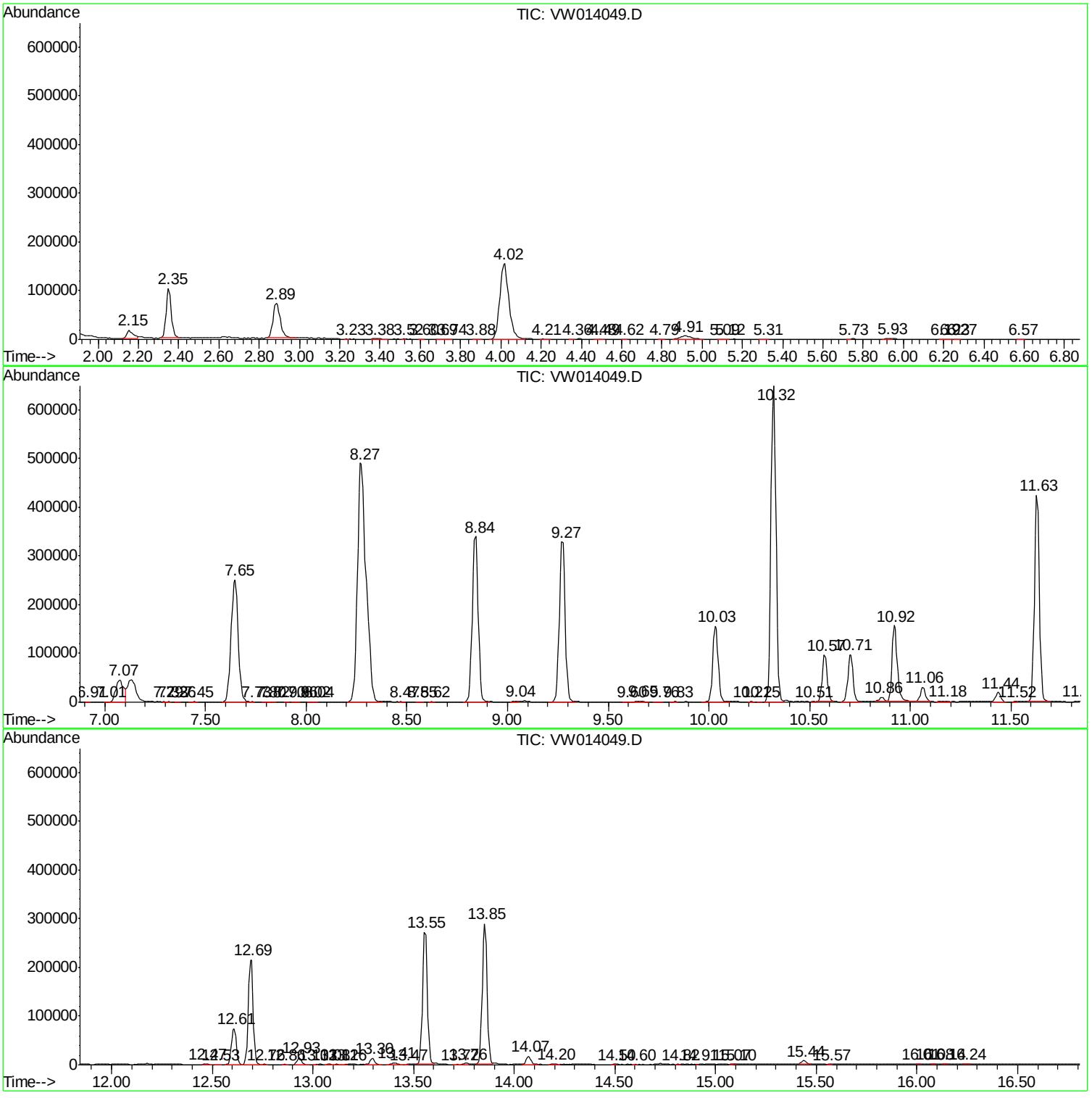
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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

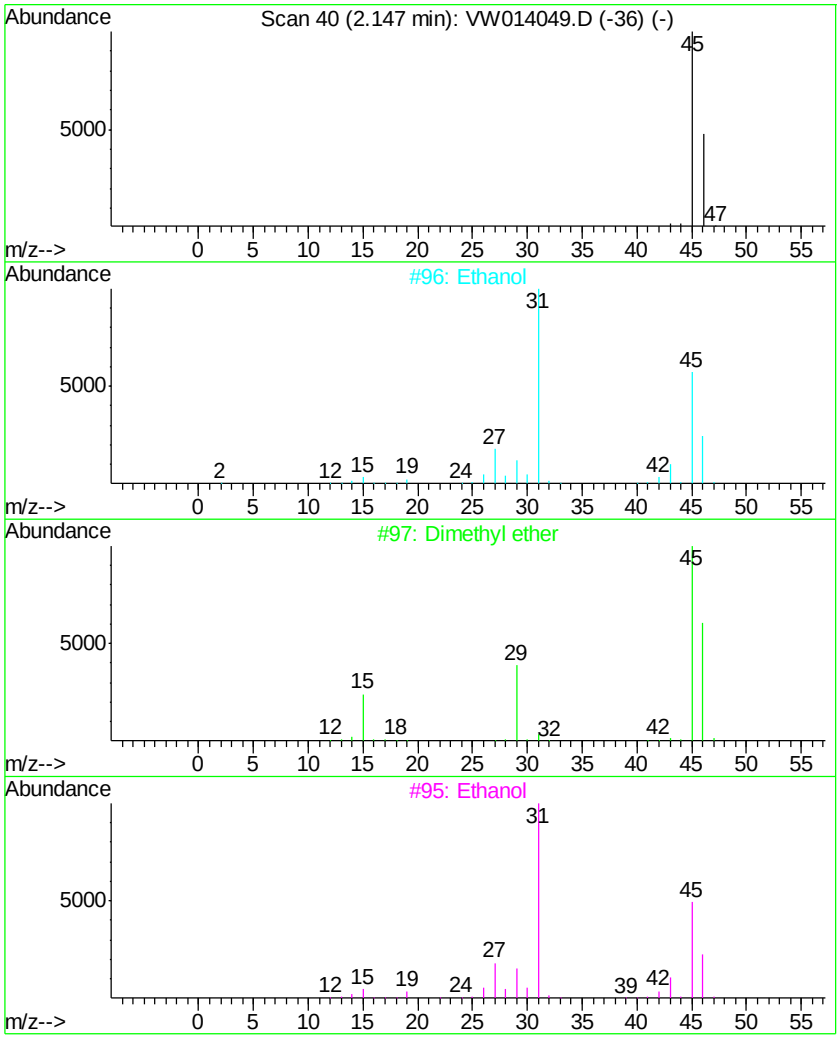
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

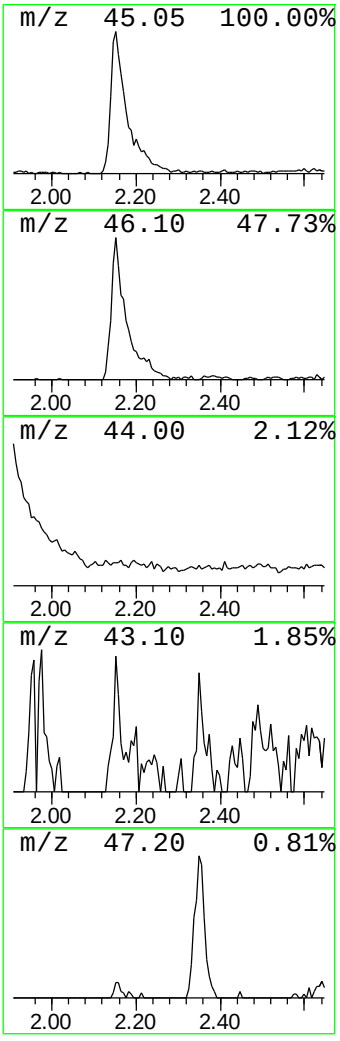
****

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.36 ug/L	37714	1,4-Difluorobenzene	8.84

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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

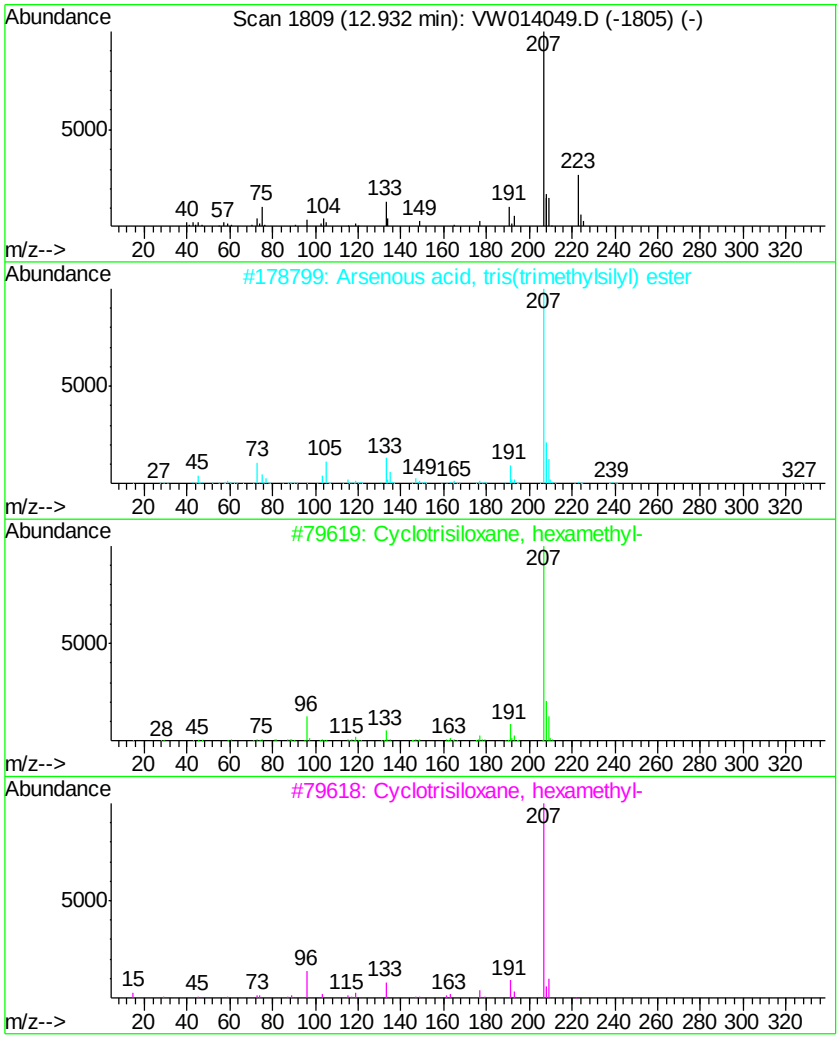
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

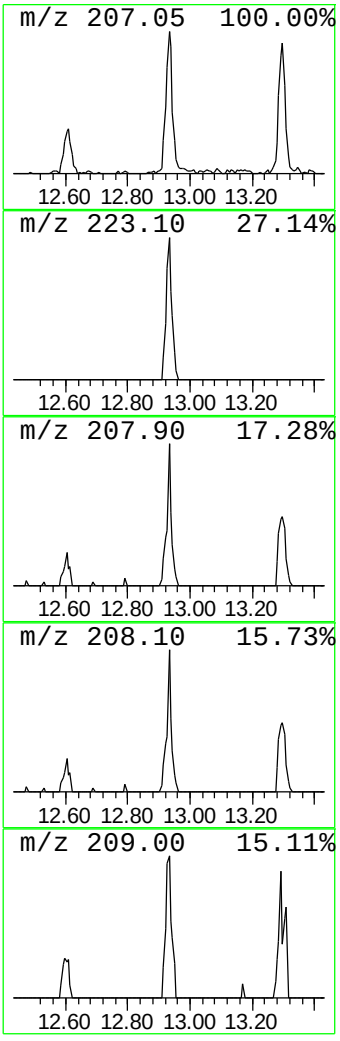
****

Peak Number 6 Arsenous acid, tris(trimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.26 ug/L	22489	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	42
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	42
5	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

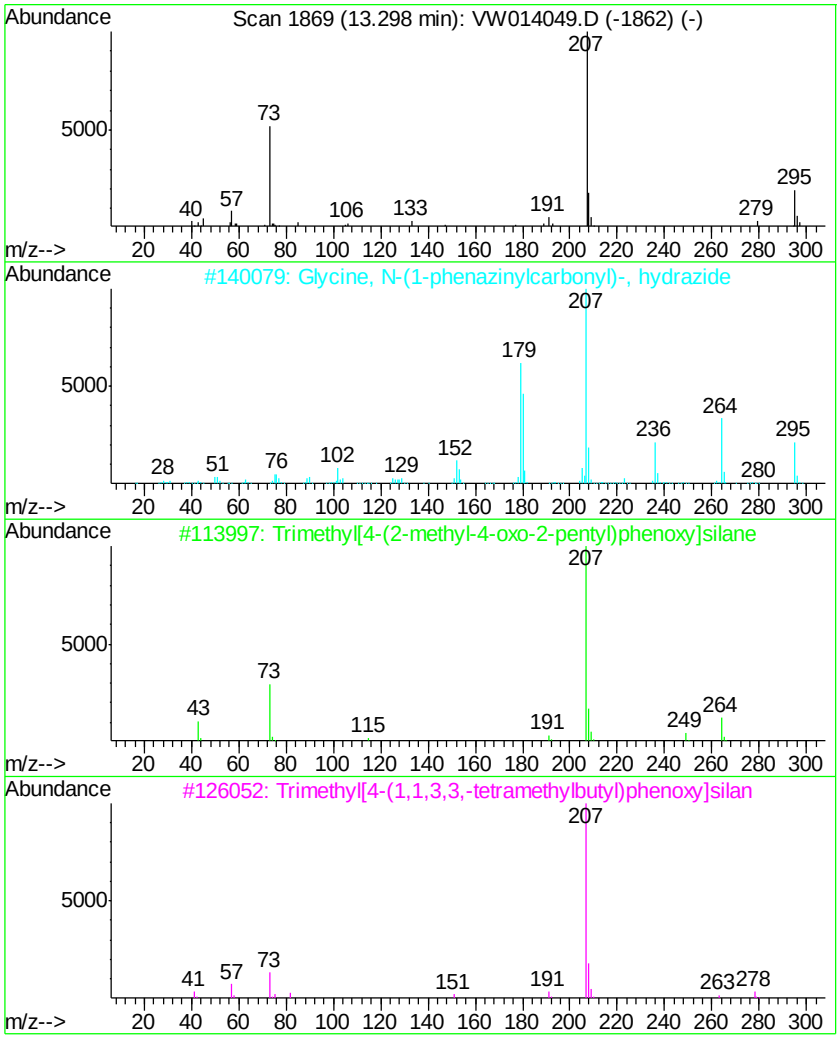
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

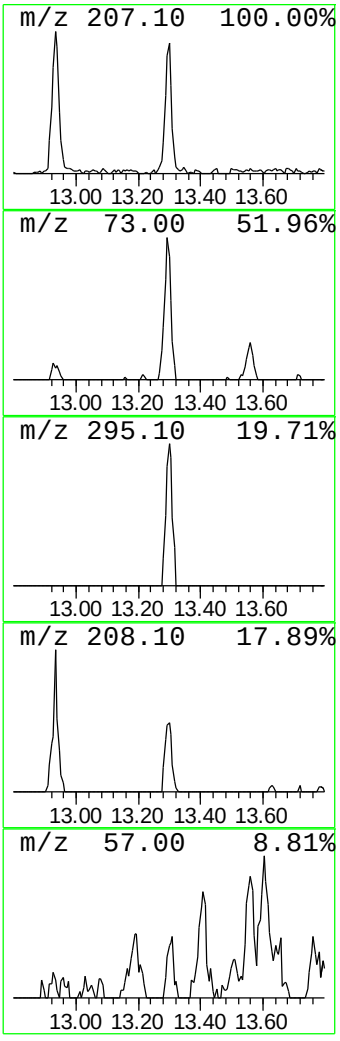
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Glycine, N-(1-phenazinylcar... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.25 ug/L	22444	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-(1-phenazinylcarbonyl...	295	C15H13N5O2	097706-61-1	64
2	Trimethyl[4-(2-methyl-4-oxo-2-pe...	264	C15H24O2Si	1000283-54-9	59
3	Trimethyl[4-(1,1,3,3,-tetramethy...	278	C17H30OSi	078721-87-6	59
4	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	53
5	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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

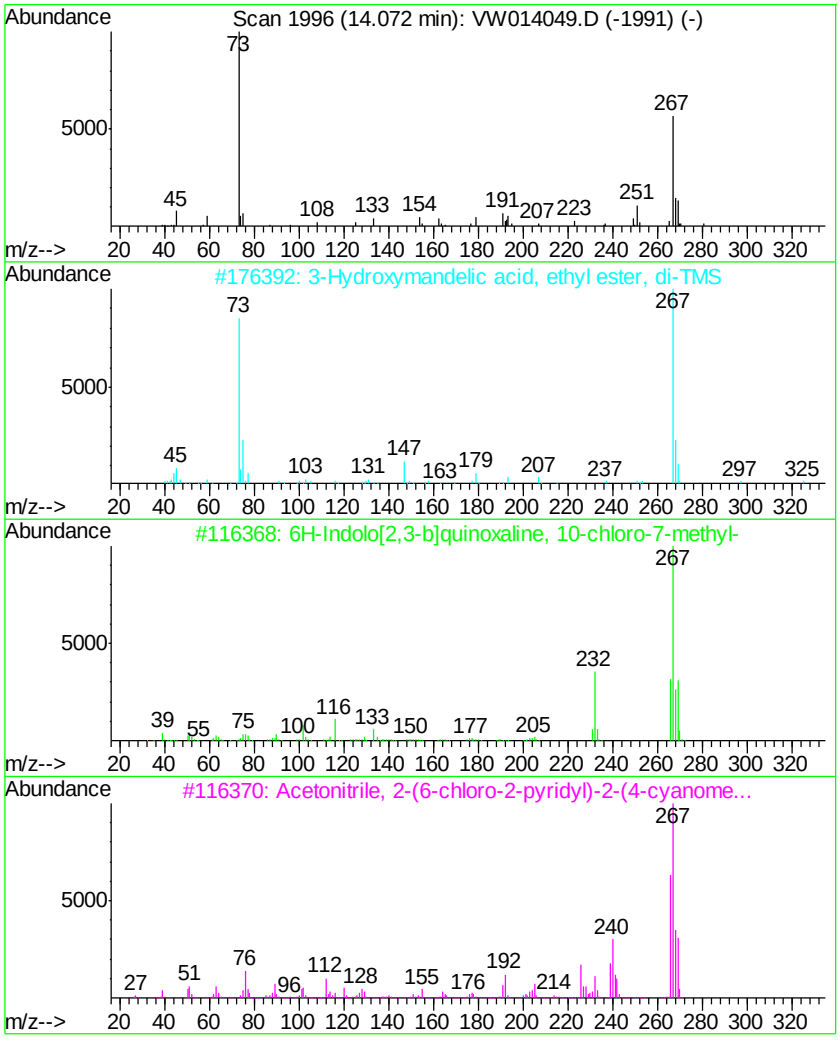
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

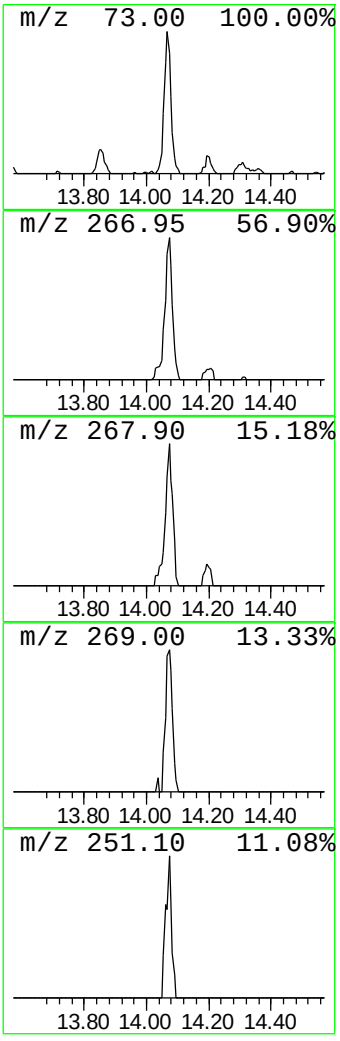
****

Peak Number 8 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.54 ug/L	27591	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	59
2	6H-Indolo[2,3-b]quinoxaline, 10-...	267	C15H10ClN3	1000319-70-8	47
3	Acetonitrile, 2-(6-chloro-2-pyri...	267	C15H10ClN3	1000162-41-0	47
4	6H-Indolo[2,3-b]quinoxaline, 9-c...	267	C15H10ClN3	1000319-29-1	47
5	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111519\
Data File : VW014049.D
Acq On : 15 Nov 2019 18:51
Operator : SY/VA
Sample : K5810-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLR8

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	1.4	ug/L	37714	1	8.84	692204	25.0
Arsenous acid, tr...	12.93	1.3	ug/L	22489	3	13.56	447957	25.0
Glycine, N-(1-phe...	13.30	1.3	ug/L	22444	3	13.56	447957	25.0
unknown-02	14.07	1.5	ug/L	27591	3	13.56	447957	25.0