LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112219\
Data File : VW014095.D
Acq On : 22 Nov 2019 15:13
Operator : SY/VA
Sample : K5989-05
Misc : 4.35G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BJ6

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	37	41	53	rBV	10930	29168	3.13%	0.613%
2	2.349	68	73	82	rVB	63367	109966	11.80%	2.311%
3	2.892	154	162	175	rBV	50568	127542	13.68%	2.681%
4	3.251	219	221	224	rVB2	498	457	0.05%	0.010%
5	3.276	224	225	228	rBV	322	377	0.04%	0.008%
6	3.416	246	248	251	rVB2	480	448	0.05%	0.009%
7	3.452	251	254	256	rBV2	360	598	0.06%	0.013%
8	3.477	256	258	260	rBV2	437	356	0.04%	0.007%
9	3.617	279	281	284	rBV3	335	374	0.04%	0.008%
10	3.696	293	294	295	rBV	518	291	0.03%	0.006%
11	4.013	334	346	361	rBV2	94730	305408	32.77%	6.419%
12	4.245	382	384	387	rVB	312	392	0.04%	0.008%
13	4.282	387	390	392	rVB2	300	330	0.04%	0.007%
14	4.318	392	396	398	rBV2	311	420	0.05%	0.009%
15	4.379	405	406	419	rVB4	816	1573	0.17%	0.033%
16	4.538	429	432	434	rVB2	292	362	0.04%	0.008%
17	4.562	434	436	438	rVB	277	268	0.03%	0.006%
18	4.684	454	456	459	rVB2	381	310	0.03%	0.007%
19	4.714	459	461	463	rBV	270	335	0.04%	0.007%
20	4.812	474	477	479	rBV	237	290	0.03%	0.006%
21	4.922	483	495	505	rBV5	8840	32917	3.53%	0.692%
22	5.233	543	546	549	rBV2	309	433	0.05%	0.009%
23	5.428	576	578	581	rVV2	379	314	0.03%	0.007%
24	5.489	584	588	589	rVB	470	412	0.04%	0.009%
25	5.544	594	597	600	rBV2	348	412	0.04%	0.009%
26	5.574	600	602	605	rBV2	237	334	0.04%	0.007%
27	5.781	634	636	638	rBV2	422	330	0.04%	0.007%
28	5.867	646	650	652	rBV2	355	360	0.04%	0.008%
29	5.922	654	659	660	rBV2	1792	2403	0.26%	0.051%
30	6.196	701	704	706	rBV2	281	329	0.04%	0.007%
31	6.245	710	712	716	rVB2	344	410	0.04%	0.009%
32	6.293	718	720	723	rBV2	349	407	0.04%	0.009%
33	6.409	737	739	742	rVB2	357	350	0.04%	0.007%
34	6.446	742	745	747	rBV2	298	379	0.04%	0.008%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BJ6

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	6.507	751	755	758	rBV2	222	351	0.04%	0.007%
36	6.537	758	760	766	rVV2	200	276	0.03%	0.006%
37	6.690	782	785	786	rBV2	438	341	0.04%	0.007%
38	6.714	786	789	791	rVV3	437	520	0.06%	0.011%
39	6.745	791	794	797	rVB	333	389	0.04%	0.008%
40	6.909	819	821	823	rVV	416	278	0.03%	0.006%
41	6.958	826	829	830	rBV	315	267	0.03%	0.006%
42	7.074	839	848	853	rBV	31508	85825	9.21%	1.804%
43	7.336	888	891	892	rBV2	406	399	0.04%	0.008%
44	7.403	899	902	904	rBV	481	434	0.05%	0.009%
45	7.427	904	906	908	rBV2	427	540	0.06%	0.011%
46	7.488	915	916	919	rBV	326	319	0.03%	0.007%
47	7.537	919	924	930	rVV3	820	1786	0.19%	0.038%
48	7.647	931	942	953	rVV	165062	420130	45.07%	8.830%
49	7.958	985	993	997	rBV6	2769	7051	0.76%	0.148%
50	8.031	1004	1005	1010	rVB2	686	690	0.07%	0.015%
51	8.098	1013	1016	1018	rBV2	351	327	0.04%	0.007%
52	8.275	1032	1045	1061	rBV2	321866	932095	100.00%	19.591%
53	8.470	1073	1077	1079	rBV2	321	455	0.05%	0.010%
54	8.506	1081	1083	1086	rVB2	432	413	0.04%	0.009%
55	8.555	1089	1091	1093	rBV	519	347	0.04%	0.007%
56	8.628	1100	1103	1105	rBV3	531	572	0.06%	0.012%
57	8.842	1128	1138	1147	rBV	216774	432714	46.42%	9.095%
58	9.043	1169	1171	1172	rVV	510	336	0.04%	0.007%
59	9.073	1172	1176	1180	rVB4	831	1426	0.15%	0.030%
60	9.275	1198	1209	1216	rBV	222887	466257	50.02%	9.800%
61	9.457	1236	1239	1242	rVB3	330	495	0.05%	0.010%
62	9.604	1261	1263	1267	rVB2	355	365	0.04%	0.008%
63	9.659	1267	1272	1273	rBV2	1167	1476	0.16%	0.031%
64	9.762	1287	1289	1291	rVV	321	282	0.03%	0.006%
65	9.799	1293	1295	1297	rVB3	509	350	0.04%	0.007%
66	9.902	1311	1312	1316	rBV3	403	562	0.06%	0.012%
67	10.031	1327	1333	1342	rVV	63772	120590	12.94%	2.535%
68	10.201	1359	1361	1363	rBV3	416	402	0.04%	0.008%
69	10.323	1372	1381	1389	rBV	316283	565750	60.70%	11.891%
70	10.573	1416	1422	1429	rBV	30236	53499	5.74%	1.124%
71	10.701	1438	1443	1449	rVB2	22606	41602	4.46%	0.874%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BJ6

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	10.921	1473	1479	1491	rBV	80938	145805	15.64%	3.065%
73	11.061	1497	1502	1510	rBV2	13367	24679	2.65%	0.519%
74	11.439	1560	1564	1570	rVB2	5608	9609	1.03%	0.202%
75	11.628	1588	1595	1605	rBV	161187	276829	29.70%	5.818%
76	12.024	1658	1660	1661	rBV3	534	327	0.04%	0.007%
77	12.122	1675	1676	1677	rBV	536	327	0.04%	0.007%
78	12.244	1691	1696	1697	rBV3	544	996	0.11%	0.021%
79	12.378	1716	1718	1722	rVB4	592	729	0.08%	0.015%
80	12.609	1749	1756	1761	rVB	31203	52837	5.67%	1.111%
81	12.689	1763	1769	1778	rVV	121235	201648	21.63%	4.238%
82	12.878	1799	1800	1802	rBV	478	290	0.03%	0.006%
83	12.902	1802	1804	1805	rBV	478	401	0.04%	0.008%
84	12.932	1805	1809	1815	rVB2	9754	15470	1.66%	0.325%
85	13.054	1827	1829	1832	rBV2	404	469	0.05%	0.010%
86	13.158	1843	1846	1848	rBV3	703	872	0.09%	0.018%
87	13.188	1848	1851	1856	rVV7	787	1416	0.15%	0.030%
88	13.298	1863	1869	1873	rVB4	4877	7841	0.84%	0.165%
89	13.402	1880	1886	1887	rBV2	1646	2434	0.26%	0.051%
90	13.469	1892	1897	1901	rBV4	7890	12437	1.33%	0.261%
91	13.554	1906	1911	1918	rBV2	44165	72764	7.81%	1.529%
92	13.762	1941	1945	1948	rVV4	1164	1699	0.18%	0.036%
93	13.853	1953	1960	1967	rBV	72522	117047	12.56%	2.460%
94	14.066	1991	1995	2003	rVB	14020	22937	2.46%	0.482%
95	14.329	2035	2038	2045	rVB5	4261	7205	0.77%	0.151%
96	14.786	2112	2113	2114	rBV	654	267	0.03%	0.006%
97	15.005	2147	2149	2151	rBV2	625	413	0.04%	0.009%
98	15.432	2211	2219	2224	rBV2	10659	19744	2.12%	0.415%
99	15.962	2304	2306	2307	rBV	1302	639	0.07%	0.013%
100	16.749	2433	2435	2437	rBV2	954	674	0.07%	0.014%

Sum of corrected areas: 4757771

LSC Report - Integrated Chromatogram

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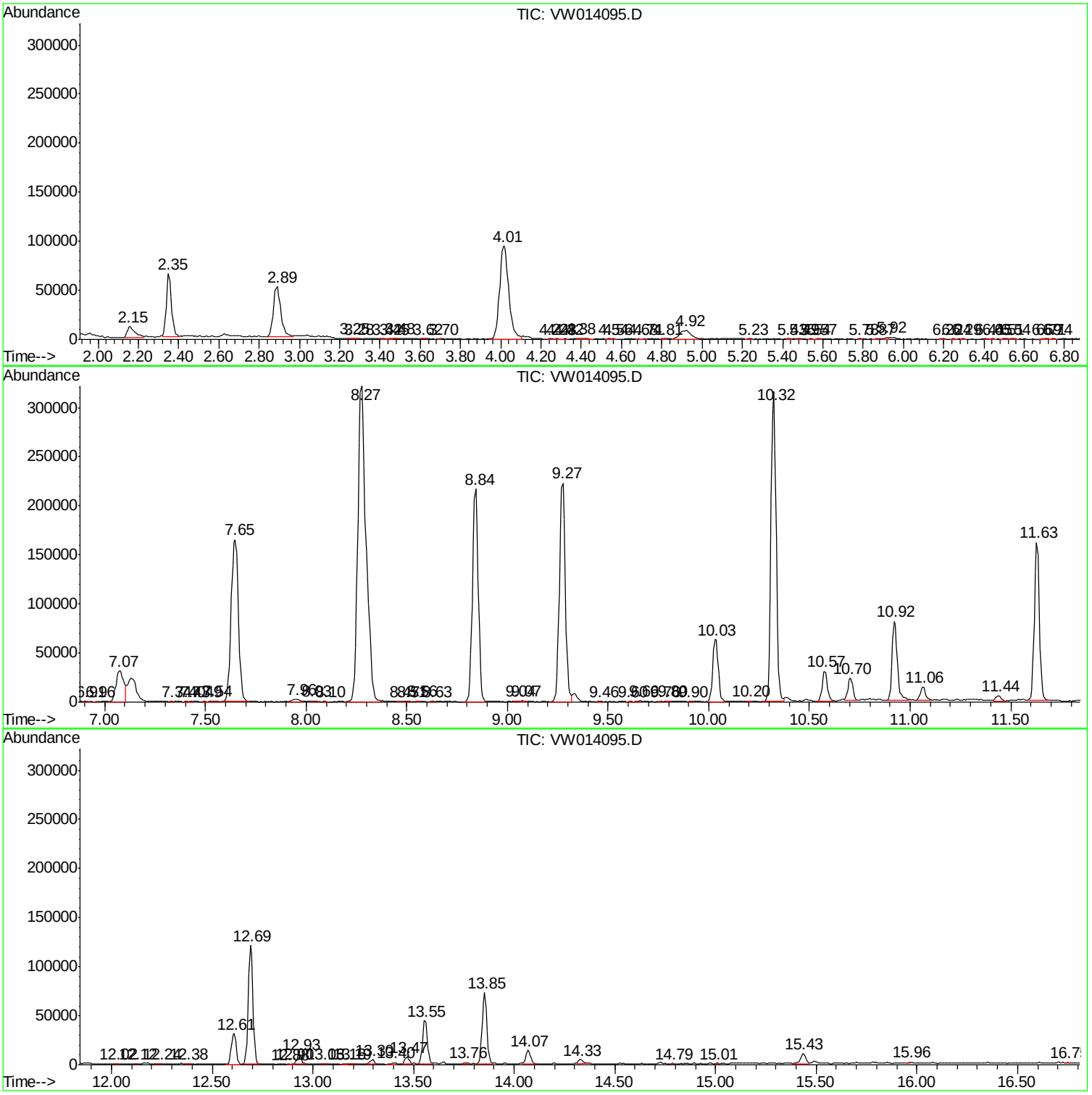
Instrument : MSVOA_W
ClientSampleId : C0BJ6

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\VW112219\
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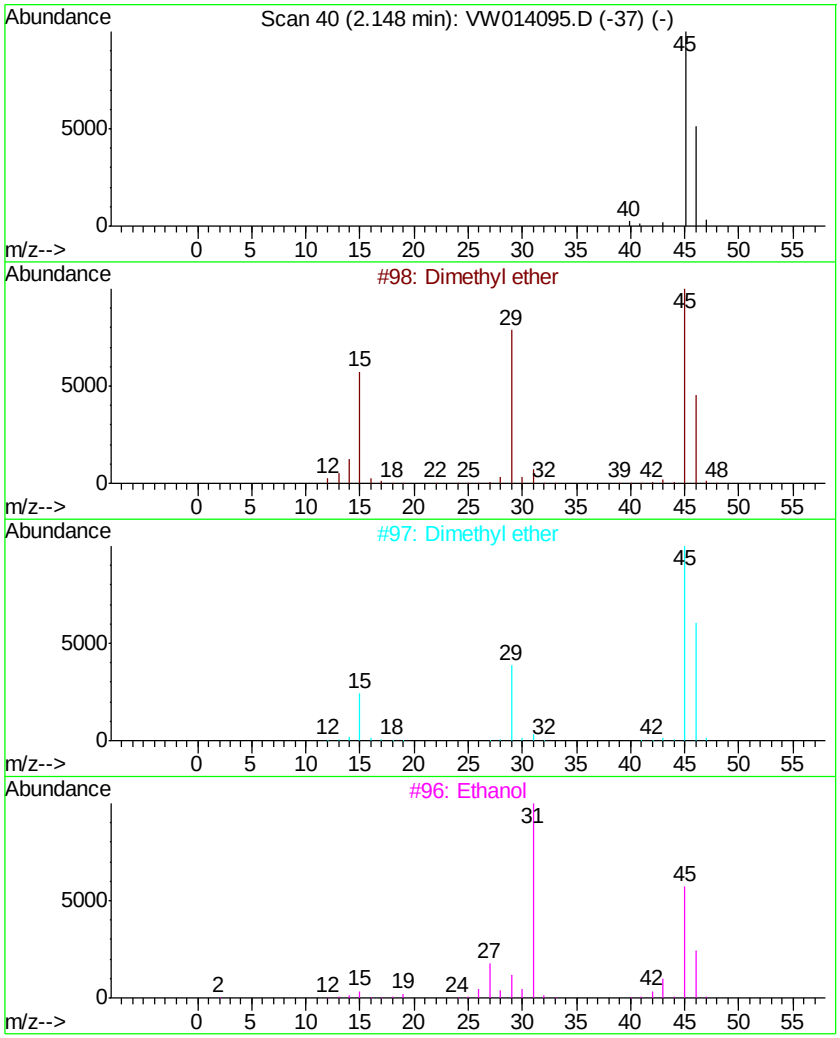
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

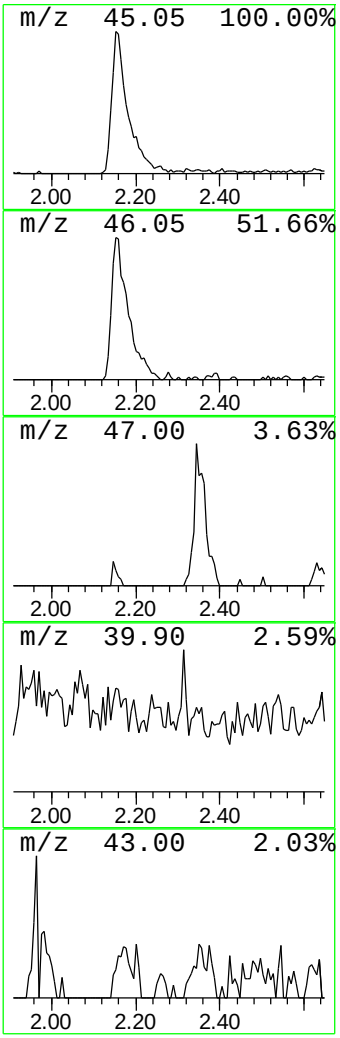
****

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.69 ug/L	29168	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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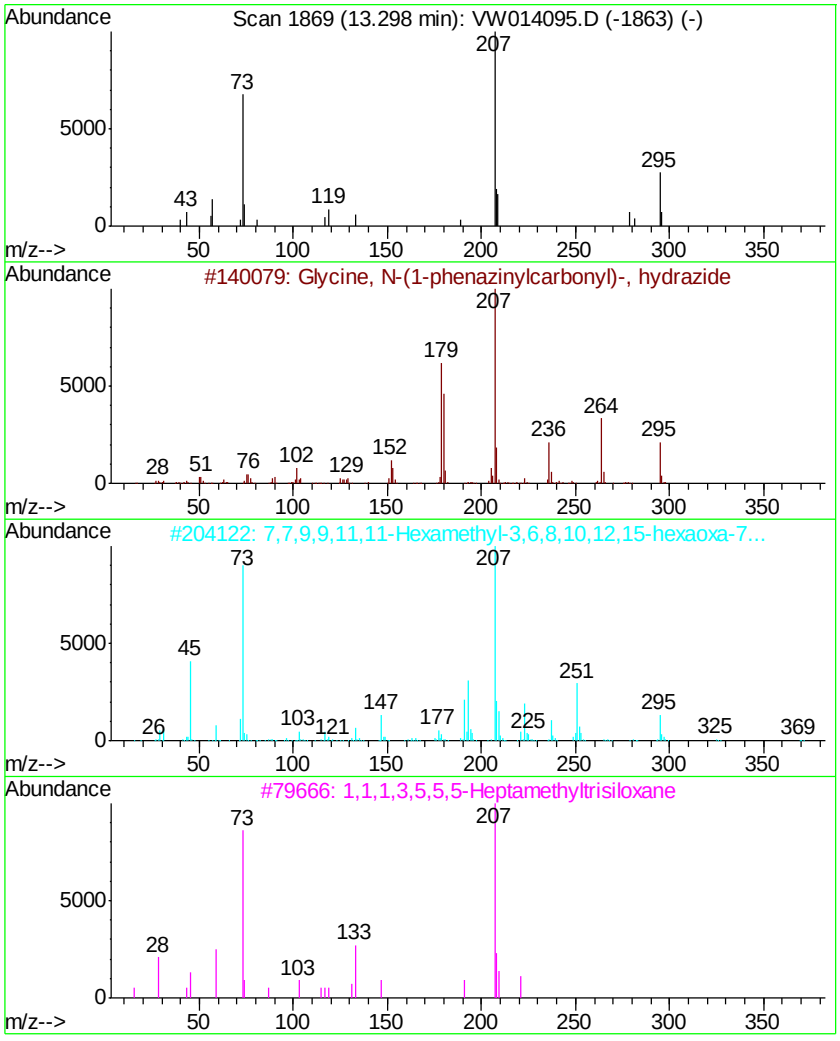
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

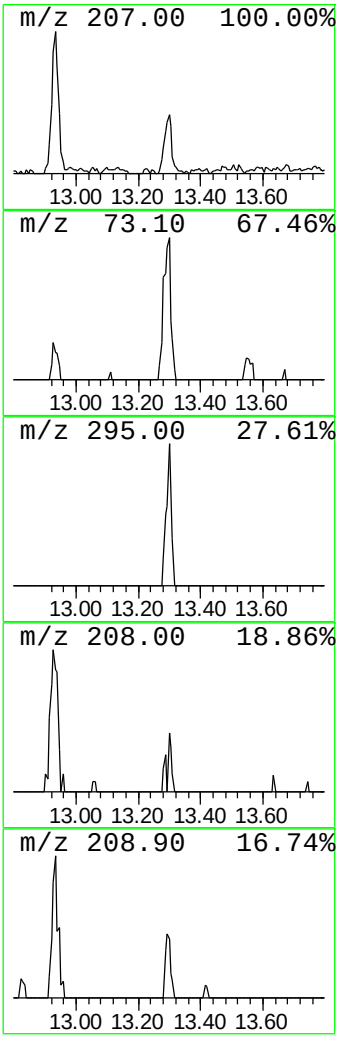
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.69 ug/L	7841	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-(1-phenazinylcarbonyl...	295	C15H13N5O2	097706-61-1	59
2	7,7,9,9,11,11-Hexamethyl-3,6,8,1...	384	C14H36O6Si3	1000375-89-1	39
3	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	38
4	2-Myristynoyl-glycinamide	280	C16H28N2O2	1000111-57-7	28
5	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	9





Library Search Compound Report

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Quant Title : VOC Analysis

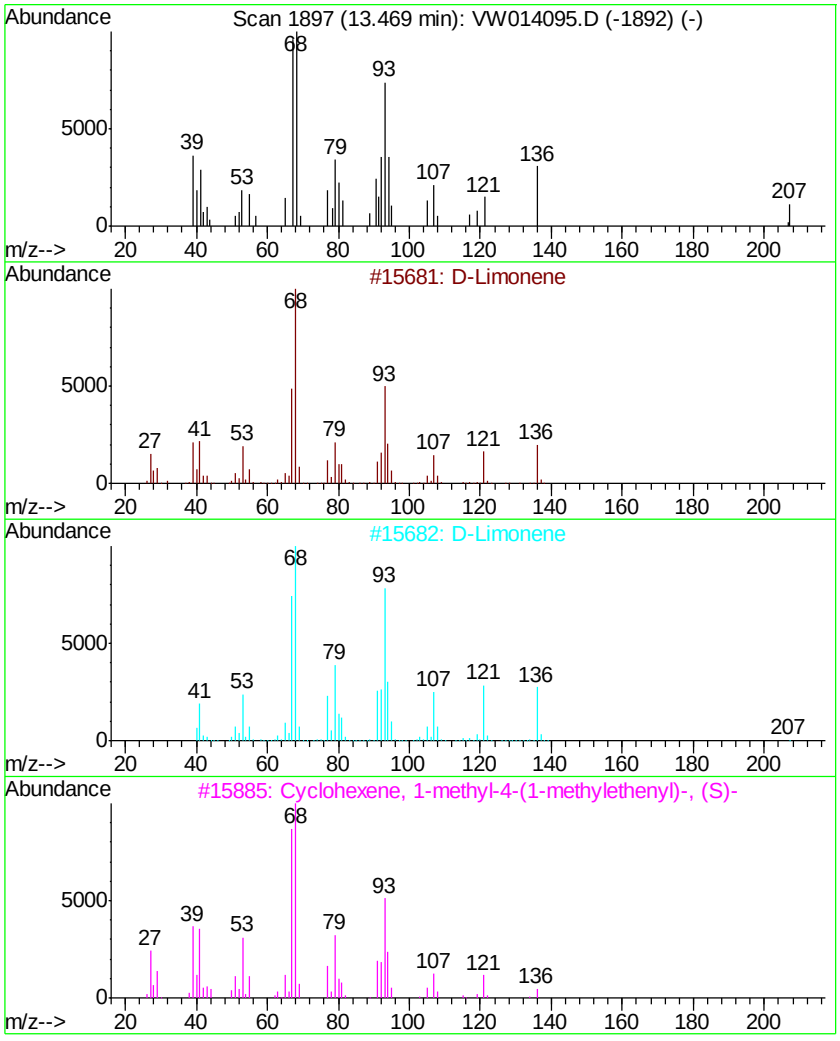
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

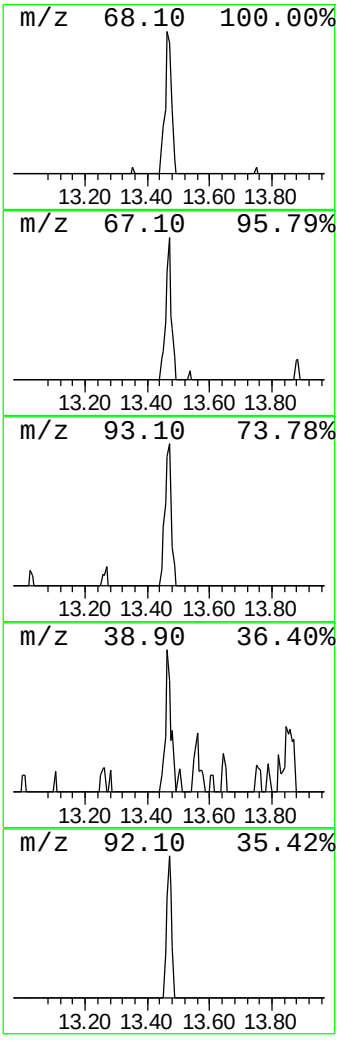
****

Peak Number 8 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.27 ug/L	12437	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	81
2	D-Limonene	136	C10H16	005989-27-5	74
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	72
4	D-Limonene	136	C10H16	005989-27-5	68
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	68





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Instrument : MSVOA_W
ClientSampleId : C0BJ6

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

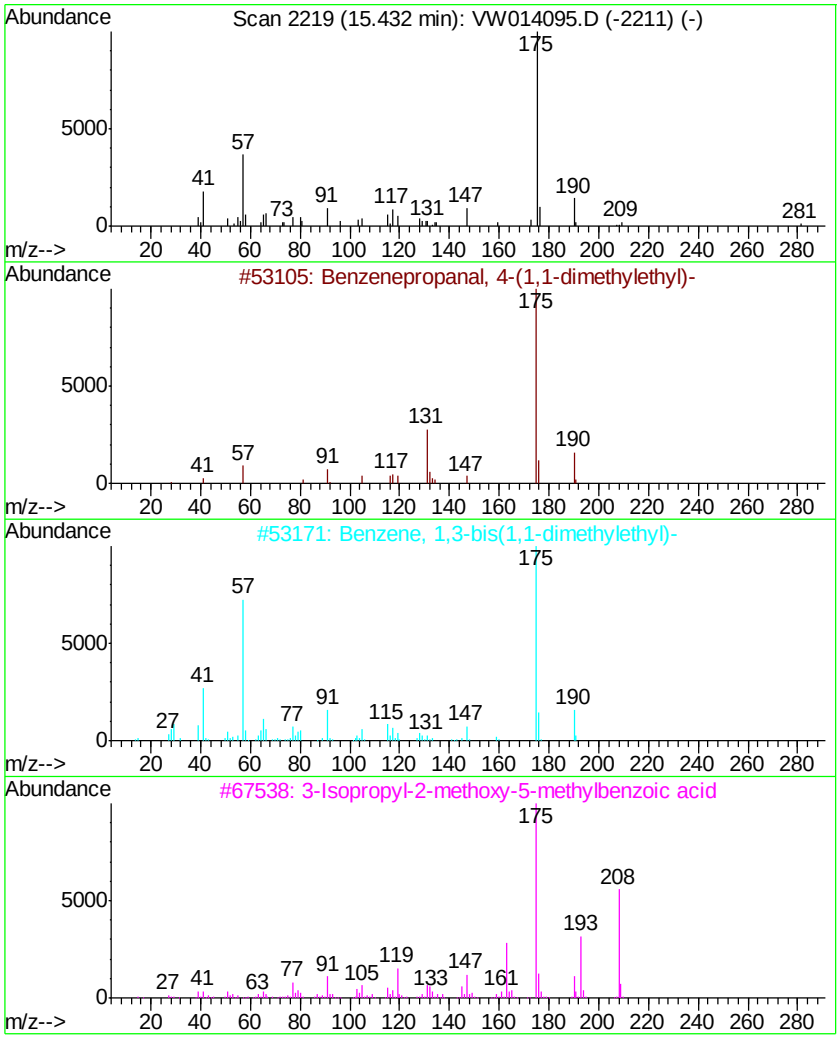
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

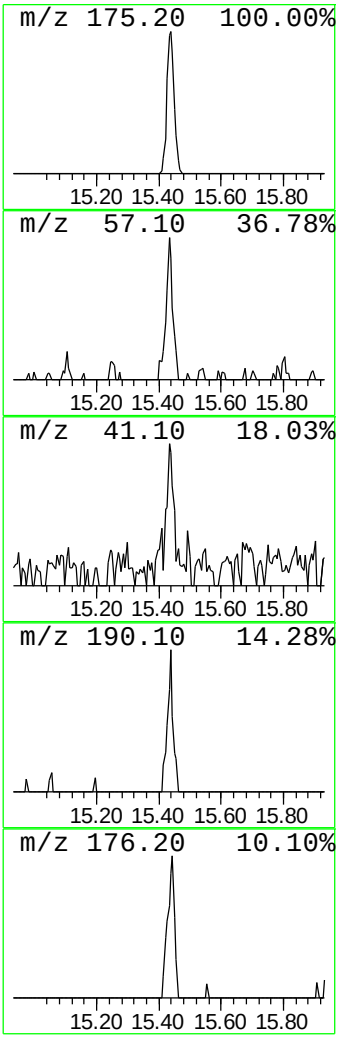
****

Peak Number 11 Benzenepropanal, 4-(1,1-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.78 ug/L	19744	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	83
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
3	3-Isopropyl-2-methoxy-5-methylbe...	208	C12H16O3	1000242-60-9	64
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_W
ClientSampleId : C0BJ6

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	1.7	ug/L	29168	1	8.84	432714	25.0
Glycine, N-(1-phe...	13.30	2.7	ug/L	7841	3	13.55	72764	25.0
D-Limonene	13.47	4.3	ug/L	12437	3	13.55	72764	25.0
Benzenepropanal, ...	15.43	6.8	ug/L	19744	3	13.55	72764	25.0