LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

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\SOM2WLM062419S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	5	8	19	rVB4	6505	17220	1.34%	0.174%
2	2.154	36	41	46	rBV4	5417	12916	1.00%	0.131%
3	2.343	64	72	83	rBV	72201	143611	11.16%	1.455%
4	2.885	152	161	173	rBV	44138	115712	8.99%	1.172%
5	3.129	199	201	203	rVB3	1156	745	0.06%	0.008%
6	3.586	273	276	282	rVB6	1121	1987	0.15%	0.020%
7	3.702	293	295	299	rVB2	338	452	0.04%	0.005%
8	3.788	306	309	311	rBV2	454	541	0.04%	0.005%
9	3.830	311	316	317	rBV2	1015	943	0.07%	0.010%
10	3.861	317	321	332	rVB5	1605	4093	0.32%	0.041%
11	4.019	334	347	362	rBV	114416	391318	30.41%	3.964%
12	4.288	388	391	393	rVB2	744	814	0.06%	0.008%
13	4.355	398	402	403	rBV3	769	836	0.06%	0.008%
14	4.391	403	408	418	rVB4	2331	6083	0.47%	0.062%
15	4.684	454	456	459	rBV3	523	526	0.04%	0.005%
16	4.751	464	467	469	rVB3	518	622	0.05%	0.006%
17	4.787	469	473	475	rVB3	497	662	0.05%	0.007%
18	4.909	484	493	494	rBV3	6389	12649	0.98%	0.128%
19	5.129	522	529	530	rBV4	1151	1992	0.15%	0.020%
20	5.172	530	536	540	rVV4	1890	5179	0.40%	0.052%
21	5.269	549	552	555	rVB4	488	599	0.05%	0.006%
22	5.428	575	578	582	rBV4	546	938	0.07%	0.010%
23	5.739	627	629	631	rBV2	588	638	0.05%	0.006%
24	5.757	631	632	637	rVV4	395	563	0.04%	0.006%
25	5.934	651	661	670	rVV4	2701	7732	0.60%	0.078%
26	6.257	711	714	720	rVB2	557	618	0.05%	0.006%
27	6.409	733	739	741	rBV5	535	747	0.06%	0.008%
28	6.940	823	826	831	rVV4	505	816	0.06%	0.008%
29	7.074	838	848	854	rVV	52852	153582	11.93%	1.556%
30	7.141	854	859	872	rVV	31110	91282	7.09%	0.925%
31	7.257	875	878	881	rVV5	914	1519	0.12%	0.015%
32	7.281	881	882	885	rVV2	727	832	0.06%	0.008%
33	7.336	888	891	893	rVV3	613	618	0.05%	0.006%
34	7.366	893	896	897	rVV3	390	496	0.04%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
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Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

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\SOM2WLM062419S.M
Title : VOC Analysis

35	7.421	901	905	910	rVB5	497	745	0.06%	0.008%
36	7.525	917	922	925	rBV3	588	1224	0.10%	0.012%
37	7.567	926	929	930	rVV3	446	505	0.04%	0.005%
38	7.647	930	942	958	rVB	189142	503523	39.13%	5.100%
39	7.909	982	985	987	rBV3	409	463	0.04%	0.005%
40	7.945	987	991	995	rVB5	807	1348	0.10%	0.014%
41	8.275	1033	1045	1061	rBV2	418066	1286854	100.00%	13.035%
42	8.488	1077	1080	1085	rVB4	463	804	0.06%	0.008%
43	8.622	1100	1102	1107	rVB3	654	770	0.06%	0.008%
44	8.689	1107	1113	1117	rBV6	554	1103	0.09%	0.011%
45	8.842	1127	1138	1148	rBV	414372	835561	64.93%	8.464%
46	8.909	1148	1149	1151	rVV	900	633	0.05%	0.006%
47	8.945	1154	1155	1162	rVB6	641	791	0.06%	0.008%
48	9.073	1164	1176	1186	rVB	58484	121437	9.44%	1.230%
49	9.274	1200	1209	1218	rVV	313689	641085	49.82%	6.494%
50	9.342	1218	1220	1222	rVV3	1803	2095	0.16%	0.021%
51	9.610	1261	1264	1266	rBV2	557	570	0.04%	0.006%
52	9.659	1266	1272	1284	rVB3	2336	4988	0.39%	0.051%
53	9.884	1307	1309	1314	rVB3	567	876	0.07%	0.009%
54	10.030	1323	1333	1343	rBV	152641	282112	21.92%	2.858%
55	10.122	1343	1348	1353	rVB6	1546	3402	0.26%	0.034%
56	10.219	1358	1364	1366	rVV4	1420	2309	0.18%	0.023%
57	10.250	1366	1369	1371	rVB3	644	732	0.06%	0.007%
58	10.323	1371	1381	1388	rBV	585336	1018562	79.15%	10.317%
59	10.390	1388	1392	1399	rVB6	3187	6270	0.49%	0.064%
60	10.512	1408	1412	1414	rBV5	404	483	0.04%	0.005%
61	10.579	1414	1423	1434	rBV	100111	178005	13.83%	1.803%
62	10.707	1437	1444	1451	rVB2	12096	21723	1.69%	0.220%
63	10.853	1464	1468	1473	rBV6	1507	2442	0.19%	0.025%
64	10.927	1473	1480	1490	rBV	203814	356170	27.68%	3.608%
65	11.061	1497	1502	1512	rVB2	11254	20829	1.62%	0.211%
66	11.189	1517	1523	1525	rBV4	1587	2240	0.17%	0.023%
67	11.445	1560	1565	1570	rVB5	2562	4351	0.34%	0.044%
68	11.628	1588	1595	1607	rBV	598023	1022144	79.43%	10.354%
69	11.725	1609	1611	1614	rVB3	444	517	0.04%	0.005%
70	11.872	1620	1635	1636	rBV4	6464	21140	1.64%	0.214%
71	12.012	1657	1658	1661	rVB2	1057	770	0.06%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

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\SOM2WLM062419S.M
Title : VOC Analysis

72	12.170	1679	1684	1685	rBV4	1458	2398	0.19%	0.024%
73	12.237	1691	1695	1697	rBV4	681	794	0.06%	0.008%
74	12.341	1709	1712	1718	rBV5	755	1342	0.10%	0.014%
75	12.414	1720	1724	1726	rBV4	443	534	0.04%	0.005%
76	12.445	1726	1729	1730	rBV2	412	554	0.04%	0.006%
77	12.475	1732	1734	1736	rVB2	785	594	0.05%	0.006%
78	12.536	1741	1744	1745	rBV3	595	657	0.05%	0.007%
79	12.554	1745	1747	1748	rVB2	661	463	0.04%	0.005%
80	12.609	1750	1756	1762	rBV2	12917	20726	1.61%	0.210%
81	12.695	1762	1770	1779	rBV	200316	331646	25.77%	3.359%
82	12.890	1798	1802	1806	rVV5	1748	3464	0.27%	0.035%
83	12.932	1806	1809	1815	rVB2	5826	8868	0.69%	0.090%
84	13.188	1849	1851	1854	rBV3	1163	859	0.07%	0.009%
85	13.560	1905	1912	1919	rBV	588388	955228	74.23%	9.676%
86	13.652	1921	1927	1937	rVV	61595	112633	8.75%	1.141%
87	13.853	1953	1960	1967	rBV	535955	878555	68.27%	8.899%
88	14.072	1993	1996	2000	rVB3	11134	14919	1.16%	0.151%
89	15.444	2214	2221	2225	rBV	12733	23521	1.83%	0.238%
90	15.499	2225	2230	2237	rVB	100271	177649	13.80%	1.799%
91	15.639	2251	2253	2254	rBV2	875	715	0.06%	0.007%
92	16.084	2324	2326	2327	rBV2	811	764	0.06%	0.008%
93	16.096	2327	2328	2330	rVV2	1364	684	0.05%	0.007%
94	16.139	2333	2335	2338	rVB4	667	600	0.05%	0.006%
95	16.194	2341	2344	2346	rBV4	824	1122	0.09%	0.011%
96	16.322	2362	2365	2367	rBV4	703	726	0.06%	0.007%
97	16.505	2393	2395	2398	rVB4	1076	1108	0.09%	0.011%
98	16.535	2398	2400	2401	rBV2	592	553	0.04%	0.006%
99	16.554	2401	2403	2405	rVB3	727	554	0.04%	0.006%
100	16.608	2409	2412	2413	rBV3	859	628	0.05%	0.006%

Sum of corrected areas: 9872315

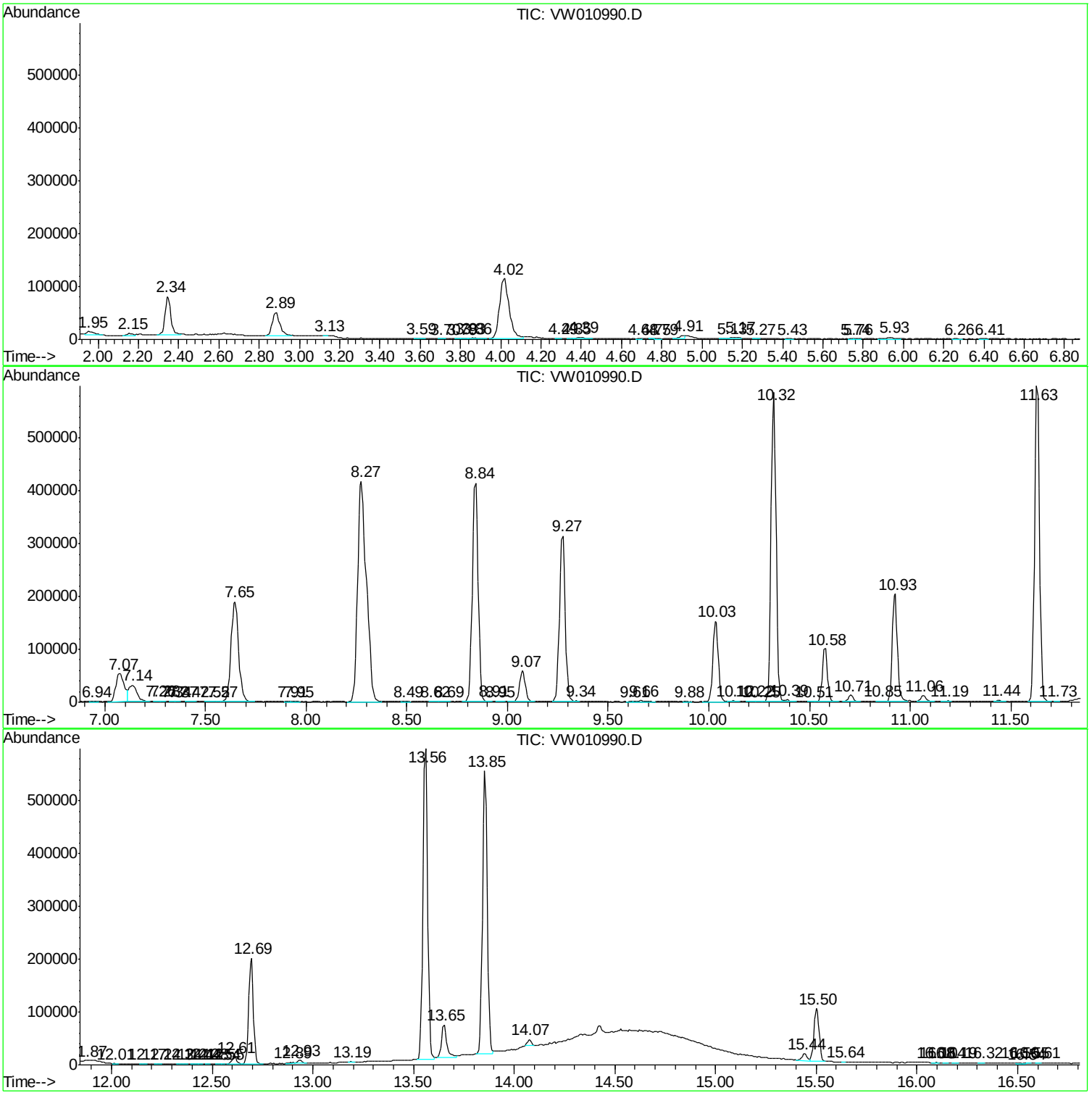
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.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\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

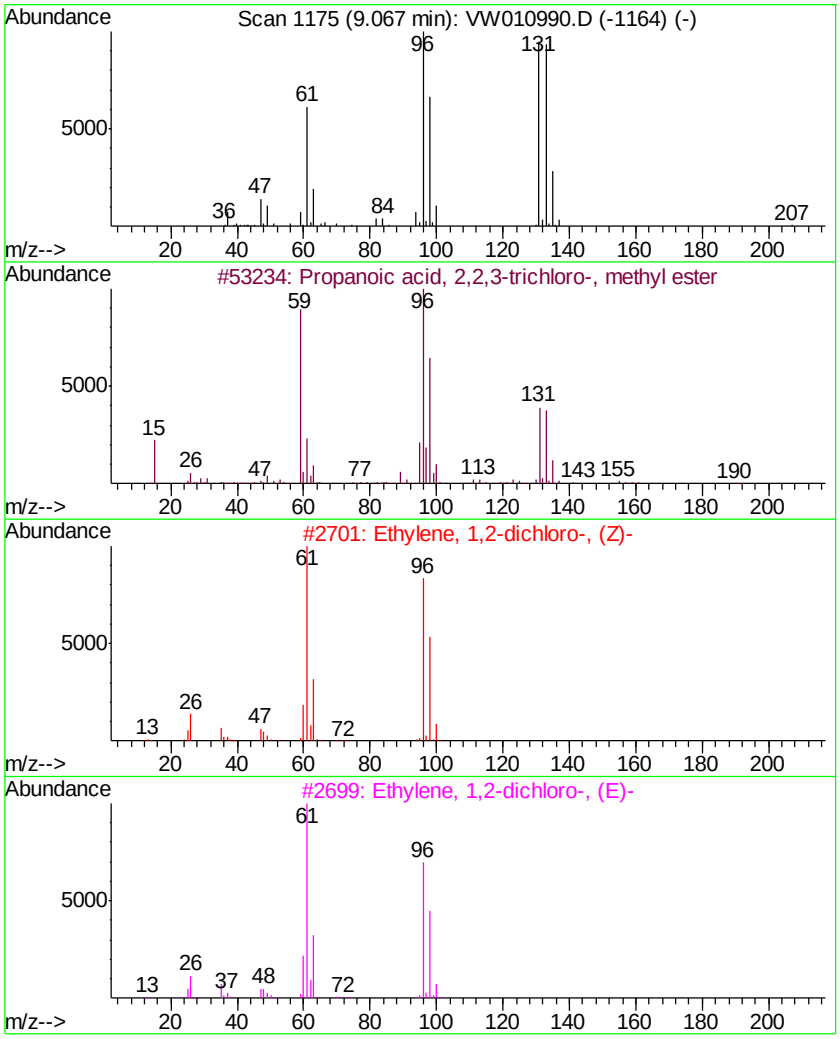
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

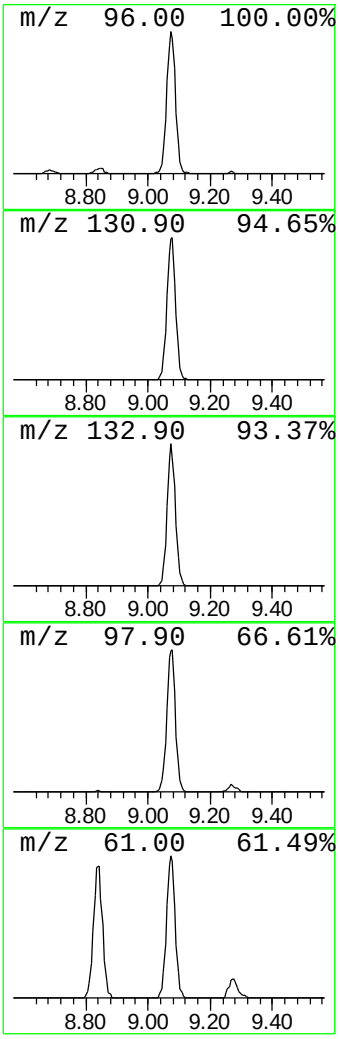
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.63 ug/L	121437	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	38
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
5	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

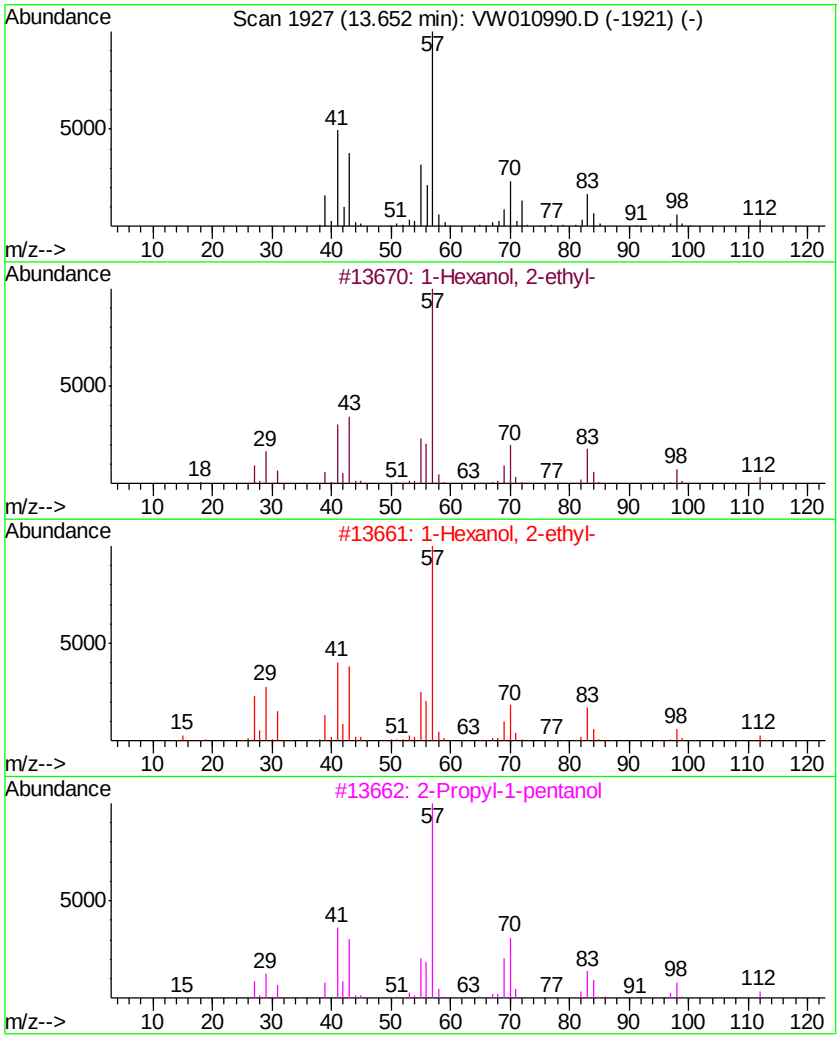
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

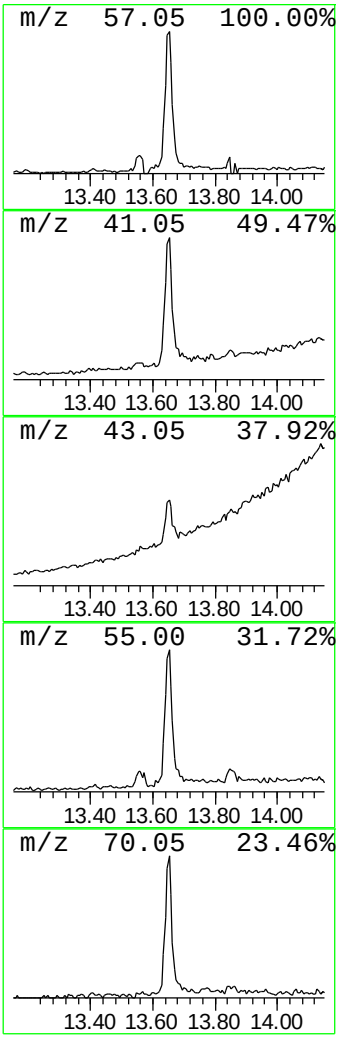
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.95 ug/L	112633	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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Acq On : 26 Jun 2019 01:45
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

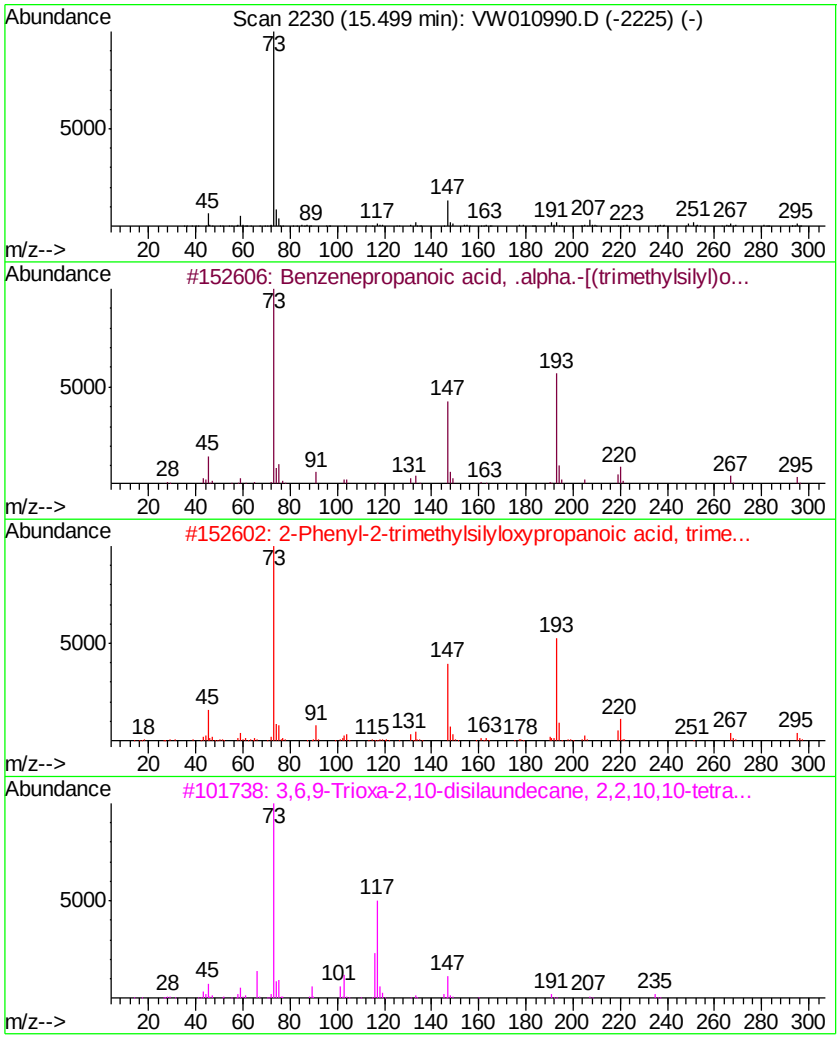
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

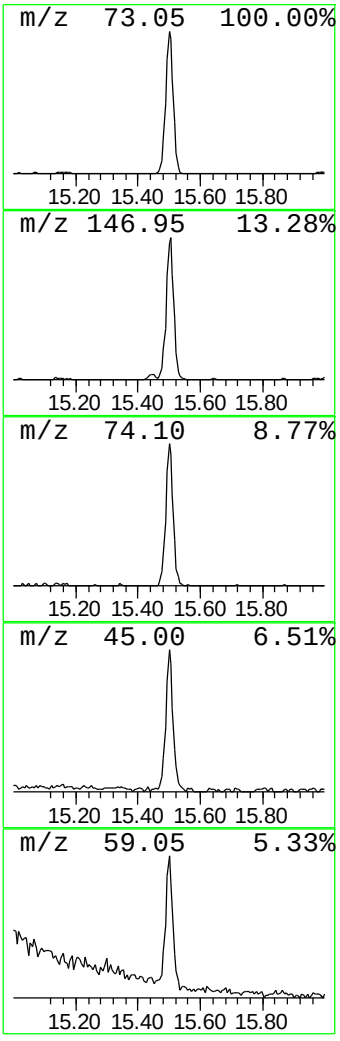
****

Peak Number 5 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	4.65 ug/L	177649	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	36
2	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	36
3	3,6,9-Trioxa-2,10-disilaundecane...	250	C10H26O3Si2	016654-74-3	33
4	Acetic acid, bis[(trimethylsilyl...	308	C11H28O4Si3	055517-38-9	33
5	Bis(dimethyl-t-butylsilyl) maleate	344	C16H32O4Si2	104255-92-7	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010990.D
Acq On : 26 Jun 2019 01:45
Operator : SY/VA
Sample : K3460-18
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.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	9.07	3.6	ug/L	121437	1	8.84	835561	25.0
1-Hexanol, 2-ethyl-	13.65	3.0	ug/L	112633	3	13.56	955228	25.0
unknown-02	15.50	4.7	ug/L	177649	3	13.56	955228	25.0