LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
Data File : VV014016.D
Acq On : 11 Dec 2019 16:41
Operator : SY/MD
Sample : K6200-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF35

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_V\METHOD\SOMVLM120219WMA.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	1.315	64	70	82	rBV	308897	306870	14.93%	1.881%
2	1.560	140	146	156	rVB	296828	346364	16.85%	2.124%
3	2.123	312	321	335	rVB	589824	828037	40.27%	5.077%
4	2.611	471	473	477	rVB2	837	331	0.02%	0.002%
5	2.634	477	480	481	rBV3	1644	900	0.04%	0.006%
6	2.746	512	515	516	rBV2	1016	618	0.03%	0.004%
7	2.814	534	536	538	rBV2	877	517	0.03%	0.003%
8	2.823	538	539	540	rVV	1277	336	0.02%	0.002%
9	2.833	540	542	548	rVB6	1198	677	0.03%	0.004%
10	2.859	548	550	552	rBV3	901	489	0.02%	0.003%
11	2.942	574	576	579	rBV3	780	345	0.02%	0.002%
12	2.958	579	581	582	rBV3	1321	597	0.03%	0.004%
13	3.020	598	600	602	rVB2	1099	425	0.02%	0.003%
14	3.039	602	606	607	rBV3	649	486	0.02%	0.003%
15	3.116	628	630	634	rVB4	1429	942	0.05%	0.006%
16	3.148	634	640	641	rBV3	760	541	0.03%	0.003%
17	3.177	645	649	652	rBV4	999	753	0.04%	0.005%
18	3.219	659	662	665	rBV3	1087	840	0.04%	0.005%
19	3.286	681	683	684	rBV2	1109	464	0.02%	0.003%
20	3.315	690	692	694	rBV3	611	292	0.01%	0.002%
21	3.357	703	705	708	rVB3	1279	670	0.03%	0.004%
22	3.377	708	711	713	rBV2	535	331	0.02%	0.002%
23	3.389	713	715	717	rVB3	669	331	0.02%	0.002%
24	3.425	722	726	728	rVV3	862	721	0.04%	0.004%
25	3.441	728	731	735	rVV4	987	615	0.03%	0.004%
26	3.518	752	755	757	rBV2	920	635	0.03%	0.004%
27	3.585	773	776	777	rBV2	902	305	0.01%	0.002%
28	3.608	782	783	785	rBV2	773	337	0.02%	0.002%
29	3.647	792	795	798	rBV3	718	402	0.02%	0.002%
30	3.685	805	807	809	rBV2	947	455	0.02%	0.003%
31	3.708	811	814	817	rVB4	1228	696	0.03%	0.004%
32	3.791	837	840	841	rBV3	473	272	0.01%	0.002%
33	3.804	841	844	849	rVB6	1721	1622	0.08%	0.010%
34	3.830	849	852	853	rBV3	1051	599	0.03%	0.004%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF35

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_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

35	3.875	859	866	869	rBV6	1445	1789	0.09%	0.011%
36	3.920	869	880	913	rVV	153289	414173	20.14%	2.539%
37	4.315	999	1003	1006	rBV4	1444	1107	0.05%	0.007%
38	4.331	1006	1008	1010	rVB3	1041	558	0.03%	0.003%
39	4.393	1010	1027	1054	rBV	356446	855411	41.61%	5.244%
40	4.630	1099	1101	1104	rVB2	1073	539	0.03%	0.003%
41	4.704	1121	1124	1125	rBV2	1763	1047	0.05%	0.006%
42	4.785	1147	1149	1151	rBV2	993	690	0.03%	0.004%
43	4.846	1165	1168	1172	rBV3	813	607	0.03%	0.004%
44	4.897	1182	1184	1186	rBV2	736	397	0.02%	0.002%
45	4.942	1195	1198	1199	rBV3	1085	435	0.02%	0.003%
46	4.958	1201	1203	1204	rVV2	1294	576	0.03%	0.004%
47	4.968	1204	1206	1207	rVB2	1420	488	0.02%	0.003%
48	5.013	1219	1220	1222	rVB2	1230	365	0.02%	0.002%
49	5.087	1225	1243	1267	rBV2	810314	2056020	100.00%	12.605%
50	5.515	1374	1376	1377	rBV2	1271	507	0.02%	0.003%
51	5.556	1385	1389	1394	rVB7	2067	2241	0.11%	0.014%
52	5.579	1394	1396	1397	rBV	1175	423	0.02%	0.003%
53	5.656	1406	1420	1444	rBV	710067	1416918	68.92%	8.687%
54	5.942	1500	1509	1524	rVB2	43062	82773	4.03%	0.507%
55	6.109	1547	1561	1588	rBV	470565	954907	46.44%	5.854%
56	6.505	1682	1684	1687	rVB3	1489	616	0.03%	0.004%
57	6.640	1719	1726	1727	rBV5	2624	2760	0.13%	0.017%
58	6.849	1788	1791	1793	rBV4	1226	905	0.04%	0.006%
59	6.939	1815	1819	1821	rBV3	830	497	0.02%	0.003%
60	6.974	1827	1830	1832	rBV4	1322	946	0.05%	0.006%
61	7.026	1832	1846	1862	rBV	236219	431196	20.97%	2.644%
62	7.264	1917	1920	1921	rBV2	2431	1247	0.06%	0.008%
63	7.354	1935	1948	1966	rBV	973137	1662652	80.87%	10.193%
64	7.656	2033	2042	2063	rBV	171935	291112	14.16%	1.785%
65	8.055	2165	2166	2170	rBV4	974	459	0.02%	0.003%
66	8.077	2172	2173	2177	rBV3	1388	873	0.04%	0.005%
67	8.129	2178	2189	2219	rBV2	445550	980109	47.67%	6.009%
68	8.502	2301	2305	2308	rBV5	1890	1526	0.07%	0.009%
69	8.518	2308	2310	2314	rVV4	874	517	0.03%	0.003%
70	8.839	2408	2410	2413	rBV2	901	463	0.02%	0.003%
71	8.891	2413	2426	2446	rBV	1094863	1738570	84.56%	10.659%

LSC Area Percent Report

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Sample : K6200-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF35

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_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

72	9.228	2528	2531	2532	rBV3	1657	1004	0.05%	0.006%
73	9.296	2550	2552	2553	rBV2	1476	682	0.03%	0.004%
74	9.347	2566	2568	2572	rVB3	1170	769	0.04%	0.005%
75	9.518	2616	2621	2624	rBV6	1554	1707	0.08%	0.010%
76	9.563	2633	2635	2637	rBV3	913	508	0.02%	0.003%
77	9.588	2641	2643	2648	rVV5	1811	1701	0.08%	0.010%
78	9.704	2677	2679	2680	rBV2	1424	591	0.03%	0.004%
79	9.830	2715	2718	2719	rBV3	1182	709	0.03%	0.004%
80	9.965	2756	2760	2764	rBV5	1653	1264	0.06%	0.008%
81	10.087	2796	2798	2801	rBV2	904	524	0.03%	0.003%
82	10.125	2808	2810	2813	rBV4	1385	677	0.03%	0.004%
83	10.167	2819	2823	2828	rBV4	1850	1432	0.07%	0.009%
84	10.193	2828	2831	2833	rBV4	1057	644	0.03%	0.004%
85	10.257	2839	2851	2868	rBV	636830	1012049	49.22%	6.205%
86	10.379	2887	2889	2891	rBV3	1062	308	0.01%	0.002%
87	10.675	2978	2981	2982	rBV2	1075	598	0.03%	0.004%
88	10.743	3000	3002	3007	rVB3	1113	757	0.04%	0.005%
89	10.765	3007	3009	3010	rBV2	1098	473	0.02%	0.003%
90	10.920	3055	3057	3059	rBV3	749	393	0.02%	0.002%
91	10.965	3066	3071	3074	rBV6	2404	2332	0.11%	0.014%
92	11.289	3161	3172	3193	rBV	916242	1408541	68.51%	8.636%
93	11.601	3267	3269	3272	rBV3	1583	1087	0.05%	0.007%
94	11.666	3277	3289	3315	rVV	929838	1458804	70.95%	8.944%
95	12.466	3536	3538	3540	rBV4	1465	850	0.04%	0.005%
96	12.682	3603	3605	3606	rBV2	2045	838	0.04%	0.005%
97	12.945	3685	3687	3691	rBV4	1304	887	0.04%	0.005%
98	13.405	3828	3830	3833	rBV3	1795	1007	0.05%	0.006%
99	13.984	4007	4010	4014	rBV4	2070	1734	0.08%	0.011%
100	14.048	4024	4030	4033	rBV4	2477	2843	0.14%	0.017%

Sum of corrected areas: 16310947

LSC Report - Integrated Chromatogram

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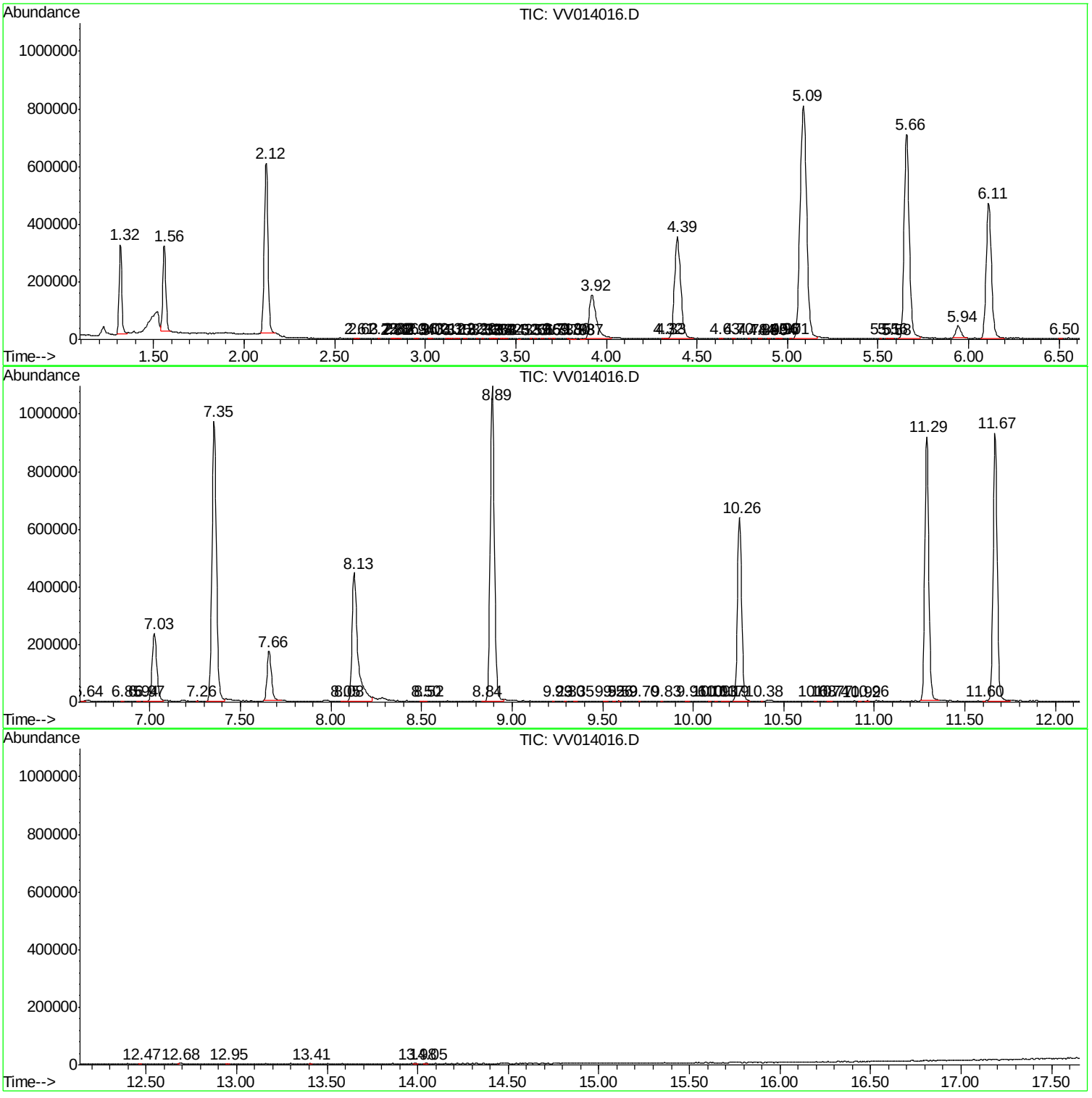
Data File : VV014016.D
Acq On : 11 Dec 2019 16:41
Operator : SY/MD
Sample : K6200-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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_V\DATA\VV121119\
Data File : VV014016.D
Acq On : 11 Dec 2019 16:41
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

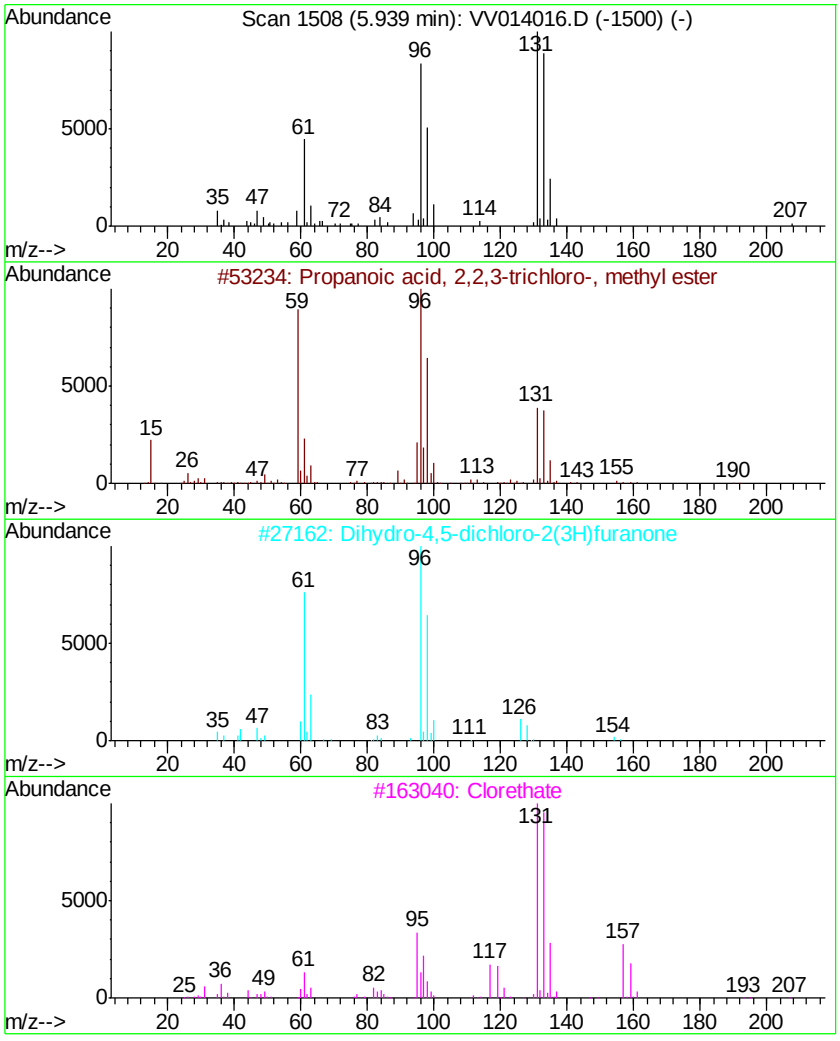
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

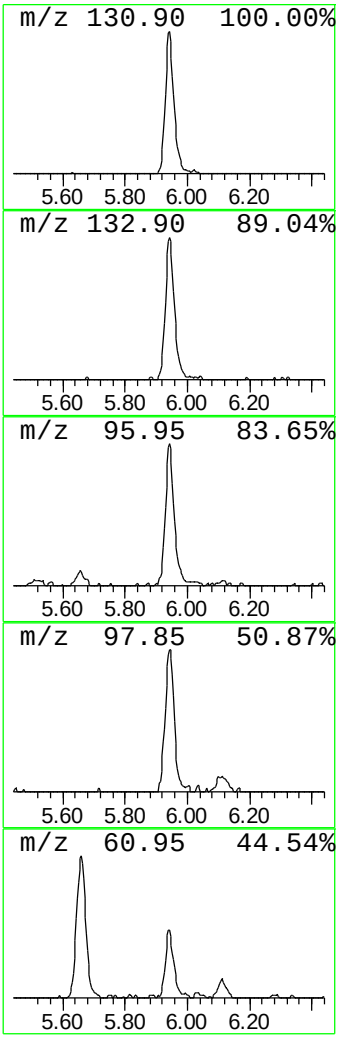
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.92 ug/L	82773	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	32
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Clorethate	322	C5H4Cl6O3	005634-37-7	25
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	12
5	11-Hexadecyn-1-ol	238	C16H30O	065686-49-9	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

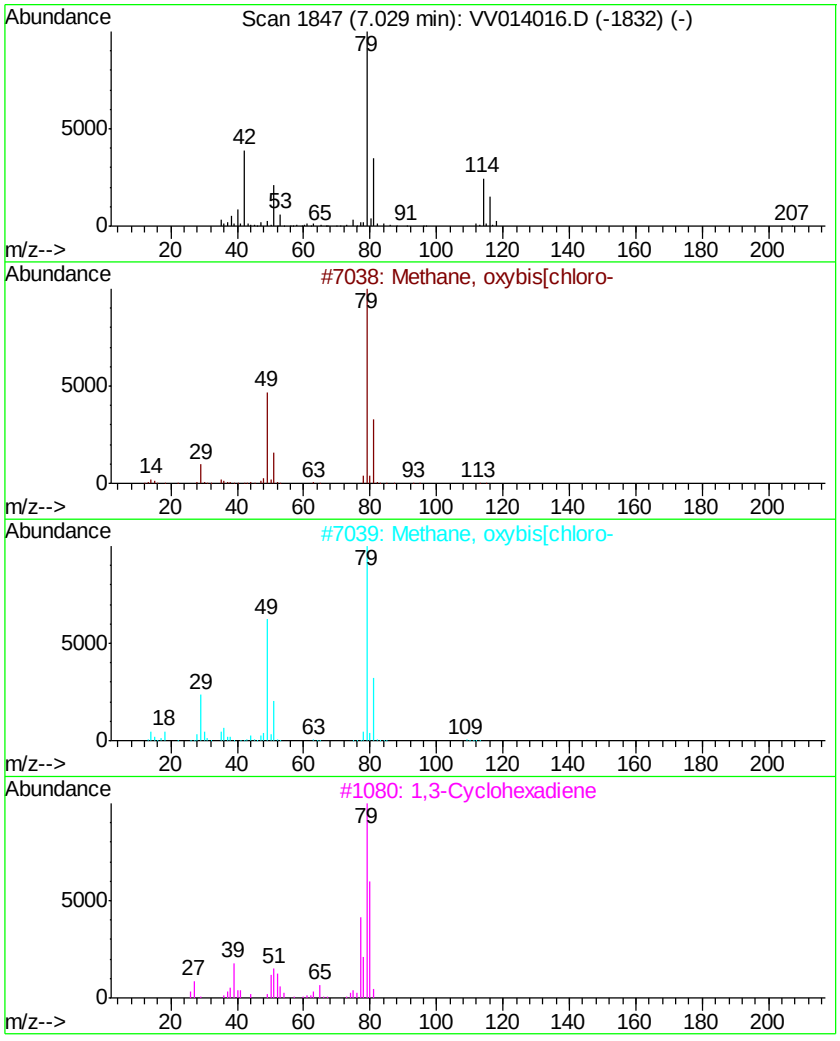
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

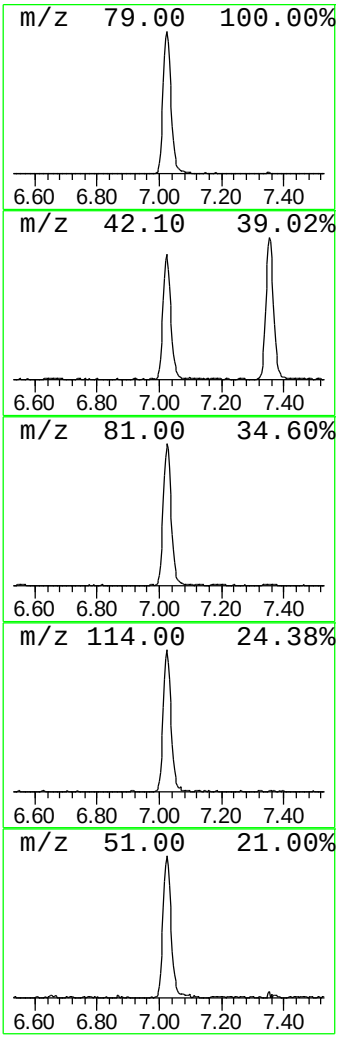
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	15.22 ug/L	431196	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	38
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
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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	5.94	2.9	ug/L	82773	1	5.66	1416920	50.0
unknown-02	7.03	15.2	ug/L	431196	1	5.66	1416920	50.0