LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
Data File : VV013889.D
Acq On : 03 Dec 2019 13:25
Operator : SY/MD
Sample : K6083-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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	1.212	33	38	47	rBV2	49001	83121	3.85%	0.484%
2	1.315	65	70	80	rVB	309122	299235	13.86%	1.744%
3	1.569	143	149	161	rVB	273687	313724	14.53%	1.828%
4	2.122	313	321	334	rBV	533866	748136	34.65%	4.359%
5	2.383	400	402	405	rVB3	1745	626	0.03%	0.004%
6	2.470	427	429	432	rBV4	1442	933	0.04%	0.005%
7	2.624	475	477	478	rBV2	1813	852	0.04%	0.005%
8	2.904	562	564	567	rBV4	1417	850	0.04%	0.005%
9	2.923	568	570	572	rVB3	1491	563	0.03%	0.003%
10	2.946	573	577	580	rBV4	1653	1303	0.06%	0.008%
11	3.039	601	606	608	rBV4	1478	1176	0.05%	0.007%
12	3.077	615	618	620	rBV3	1003	613	0.03%	0.004%
13	3.090	620	622	625	rVB3	827	450	0.02%	0.003%
14	3.106	625	627	628	rBV2	491	122	0.01%	0.001%
15	3.119	629	631	634	rVV4	1354	682	0.03%	0.004%
16	3.151	640	641	643	rVB	641	172	0.01%	0.001%
17	3.190	652	653	656	rBV3	758	494	0.02%	0.003%
18	3.225	661	664	668	rVV4	1218	924	0.04%	0.005%
19	3.277	677	680	683	rBV3	1080	686	0.03%	0.004%
20	3.299	684	687	692	rVV6	1244	1314	0.06%	0.008%
21	3.344	699	701	704	rVB3	1315	514	0.02%	0.003%
22	3.386	711	714	719	rBV7	1534	1181	0.05%	0.007%
23	3.412	719	722	723	rBV2	1150	490	0.02%	0.003%
24	3.460	736	737	741	rVB4	1907	1076	0.05%	0.006%
25	3.489	745	746	747	rBV	428	121	0.01%	0.001%
26	3.502	747	750	751	rBV3	695	332	0.02%	0.002%
27	3.518	751	755	756	rBV2	1287	552	0.03%	0.003%
28	3.540	760	762	764	rBV2	652	301	0.01%	0.002%
29	3.560	766	768	770	rBV3	1130	512	0.02%	0.003%
30	3.598	778	780	783	rBV2	875	597	0.03%	0.003%
31	3.650	792	796	799	rVB5	1699	1275	0.06%	0.007%
32	3.675	799	804	805	rBV4	887	421	0.02%	0.002%
33	3.691	805	809	813	rBV8	1536	1371	0.06%	0.008%
34	3.769	827	833	834	rBV4	1154	1054	0.05%	0.006%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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	3.778	834	836	839	rVB3	1321	573	0.03%	0.003%
36	3.794	839	841	842	rBV	1215	499	0.02%	0.003%
37	3.833	849	853	854	rBV2	973	509	0.02%	0.003%
38	3.843	854	856	858	rBV2	699	319	0.01%	0.002%
39	3.852	858	859	865	rVB6	2103	1397	0.06%	0.008%
40	3.923	865	881	911	rBV	171736	486835	22.55%	2.837%
41	4.251	978	983	986	rBV7	1471	1481	0.07%	0.009%
42	4.286	992	994	996	rBV3	1177	589	0.03%	0.003%
43	4.309	1000	1001	1003	rBV2	1165	564	0.03%	0.003%
44	4.396	1012	1028	1058	rVB	363353	883068	40.90%	5.145%
45	4.778	1145	1147	1149	rBV3	1369	747	0.03%	0.004%
46	4.817	1158	1159	1161	rBV	591	272	0.01%	0.002%
47	4.891	1180	1182	1184	rBV3	707	358	0.02%	0.002%
48	4.904	1184	1186	1187	rBV2	1039	379	0.02%	0.002%
49	4.933	1194	1195	1199	rVB2	1677	837	0.04%	0.005%
50	5.026	1222	1224	1225	rBV2	1009	411	0.02%	0.002%
51	5.090	1225	1244	1272	rBV2	853093	2159336	100.00%	12.582%
52	5.421	1346	1347	1350	rBV3	1301	789	0.04%	0.005%
53	5.659	1407	1421	1442	rBV	709057	1402637	64.96%	8.173%
54	5.942	1500	1509	1528	rVB5	40794	90663	4.20%	0.528%
55	6.113	1547	1562	1584	rBV	483306	971139	44.97%	5.658%
56	6.379	1643	1645	1648	rBV3	1414	1078	0.05%	0.006%
57	6.469	1669	1673	1675	rBV4	1958	1534	0.07%	0.009%
58	6.608	1714	1716	1721	rVB5	1095	649	0.03%	0.004%
59	6.801	1773	1776	1778	rVB4	1841	863	0.04%	0.005%
60	6.974	1827	1830	1831	rVB3	1273	560	0.03%	0.003%
61	7.026	1831	1846	1870	rBV	271075	483591	22.40%	2.818%
62	7.264	1917	1920	1921	rBV3	1546	870	0.04%	0.005%
63	7.354	1935	1948	1971	rBV	1008799	1737432	80.46%	10.123%
64	7.659	2034	2043	2061	rVB	189015	309105	14.31%	1.801%
65	8.129	2178	2189	2224	rBV2	512252	1098610	50.88%	6.401%
66	8.643	2347	2349	2352	rBV4	2097	1299	0.06%	0.008%
67	8.839	2408	2410	2413	rBV3	932	673	0.03%	0.004%
68	8.891	2413	2426	2452	rVV	1096162	1777552	82.32%	10.357%
69	9.100	2489	2491	2493	rBV2	1643	854	0.04%	0.005%
70	9.228	2529	2531	2534	rVB2	943	429	0.02%	0.002%
71	9.251	2534	2538	2543	rBV8	2422	2668	0.12%	0.016%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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

72	9.431	2592	2594	2596	rBV3	2383	1110	0.05%	0.006%
73	9.514	2618	2620	2622	rBV3	1528	869	0.04%	0.005%
74	9.569	2635	2637	2639	rBV3	2174	1185	0.05%	0.007%
75	9.736	2687	2689	2691	rBV3	1293	441	0.02%	0.003%
76	9.887	2733	2736	2739	rBV4	1403	928	0.04%	0.005%
77	10.257	2839	2851	2867	rBV	743836	1177694	54.54%	6.862%
78	10.450	2909	2911	2914	rBV3	1946	1409	0.07%	0.008%
79	10.691	2981	2986	2990	rBV7	1787	2139	0.10%	0.012%
80	10.772	3008	3011	3013	rBV4	1375	743	0.03%	0.004%
81	11.289	3160	3172	3189	rBV	963952	1479200	68.50%	8.619%
82	11.524	3243	3245	3248	rBV2	1622	769	0.04%	0.004%
83	11.665	3278	3289	3310	rBV	1036680	1602507	74.21%	9.337%
84	11.916	3365	3367	3369	rVB3	1884	592	0.03%	0.003%
85	12.083	3416	3419	3422	rBV5	1494	1100	0.05%	0.006%
86	12.389	3512	3514	3515	rBV2	1198	589	0.03%	0.003%
87	13.025	3710	3712	3718	rBV6	1914	2050	0.09%	0.012%
88	13.170	3755	3757	3759	rVB3	2412	1017	0.05%	0.006%
89	13.315	3799	3802	3803	rBV3	2621	1392	0.06%	0.008%

Sum of corrected areas: 17162676

LSC Report - Integrated Chromatogram

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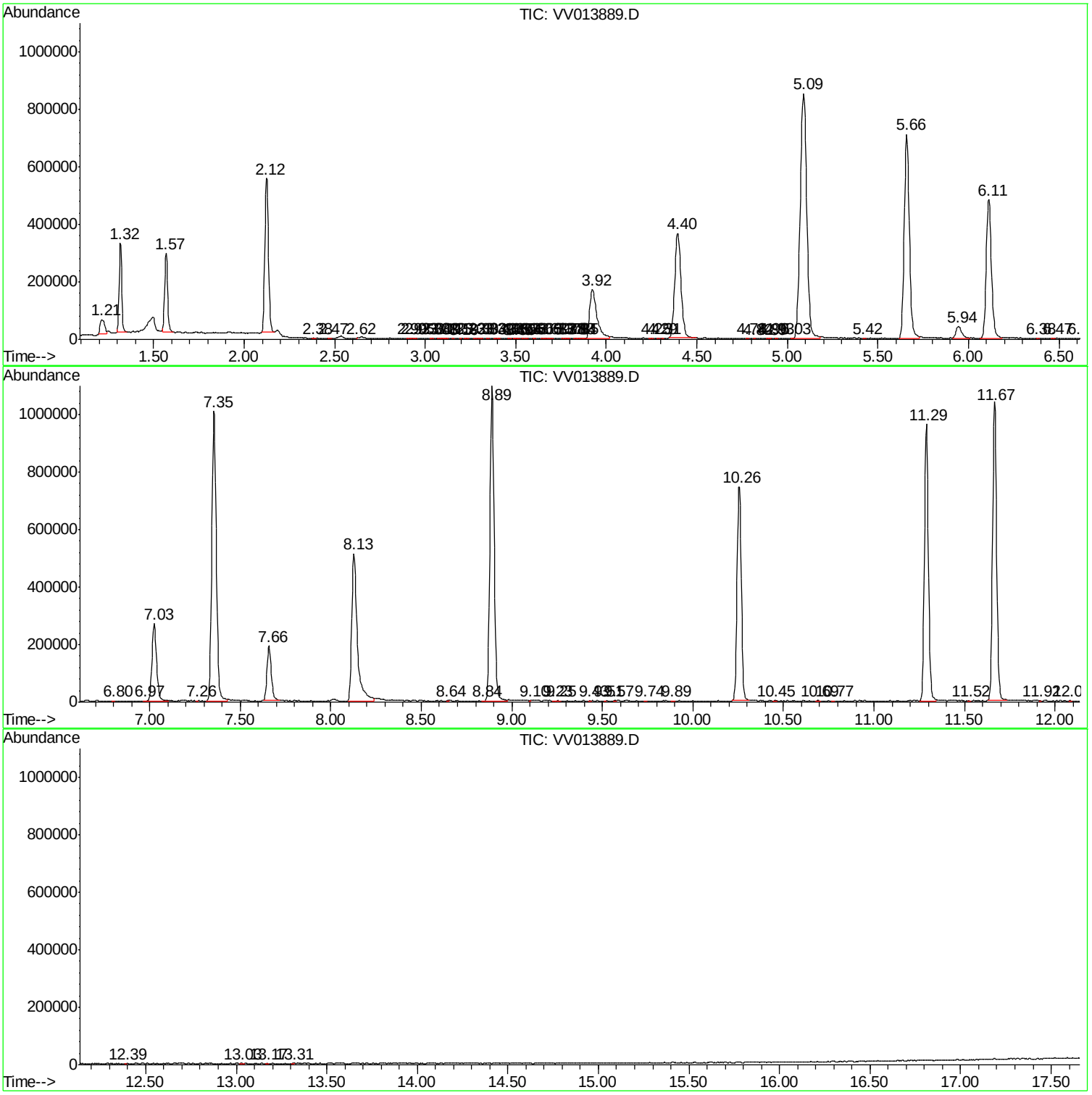
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120319\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

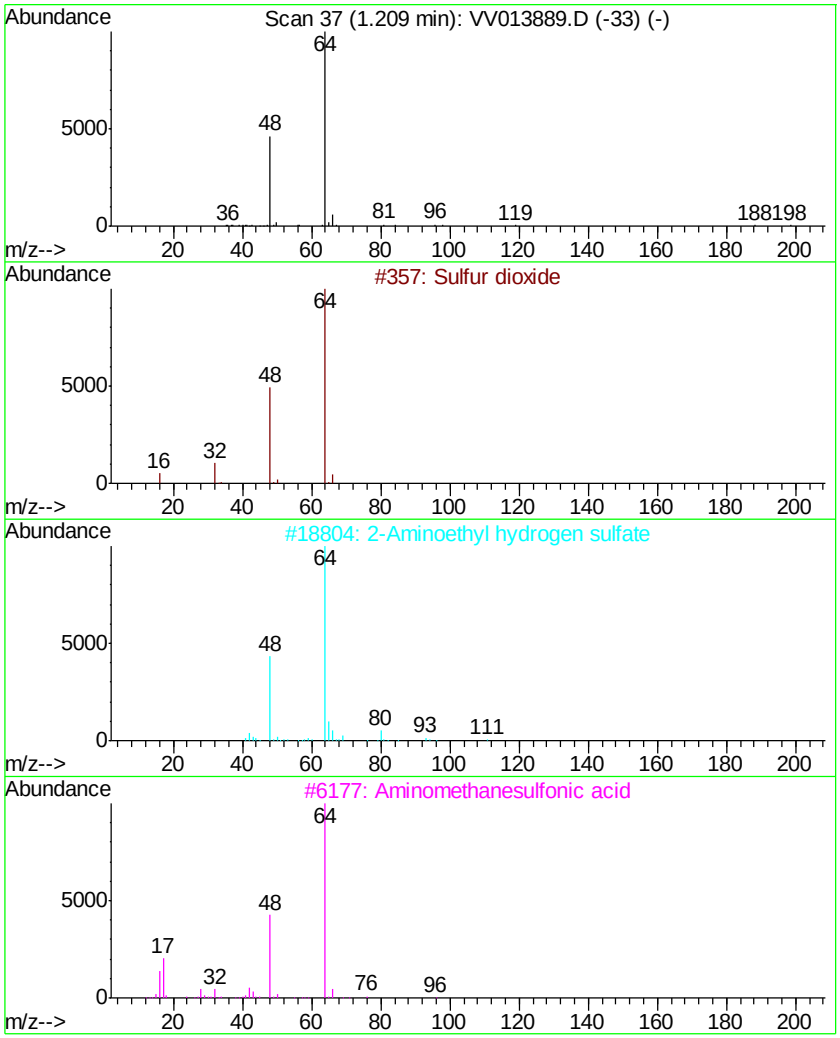
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

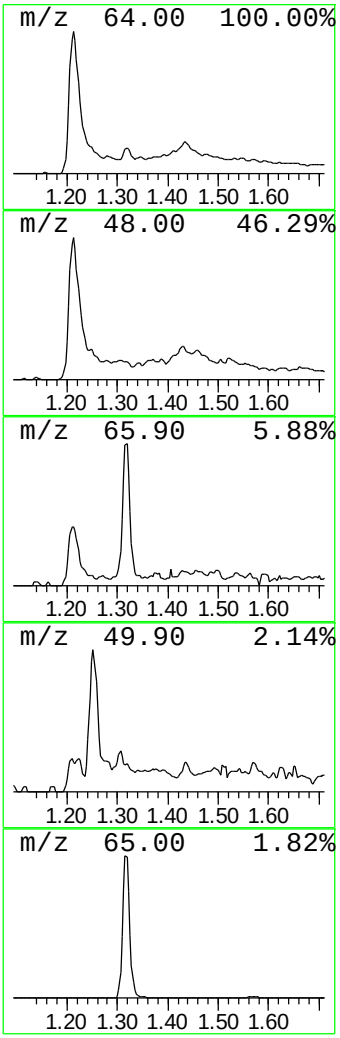
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.96 ug/L	83121	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	43
5	Sulfur dioxide	64	O2S	007446-09-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120319\
Data File : VV013889.D
Acq On : 03 Dec 2019 13:25
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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

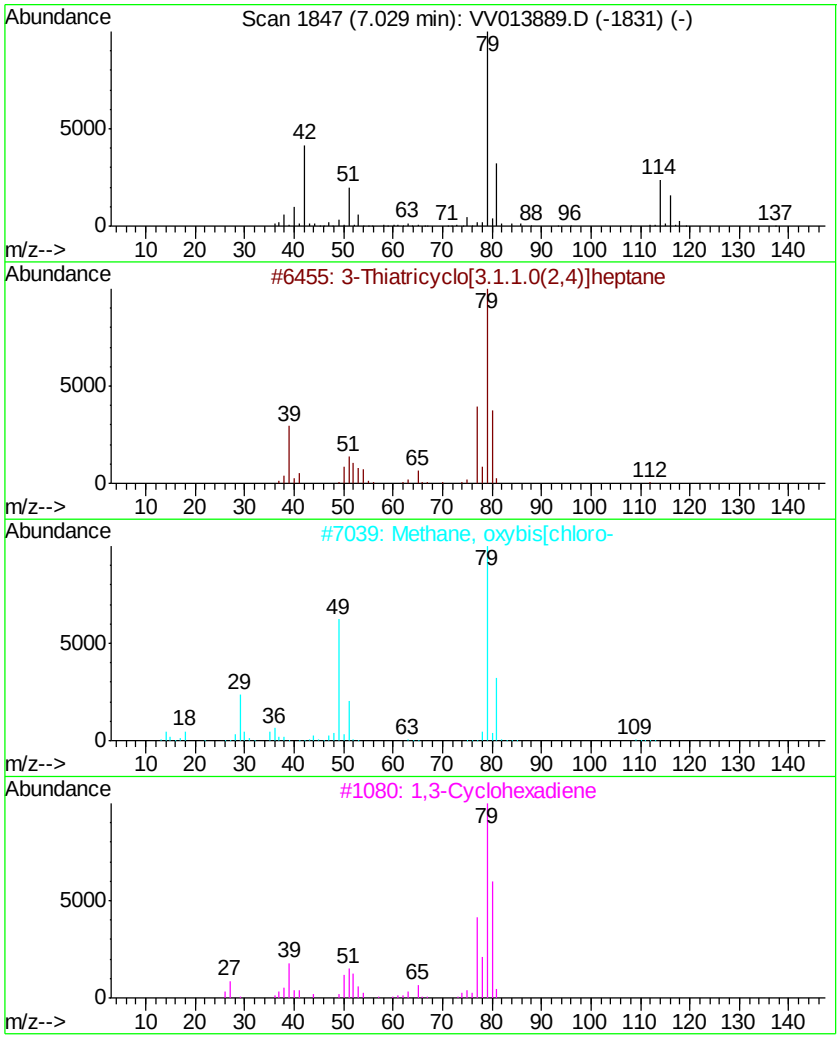
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

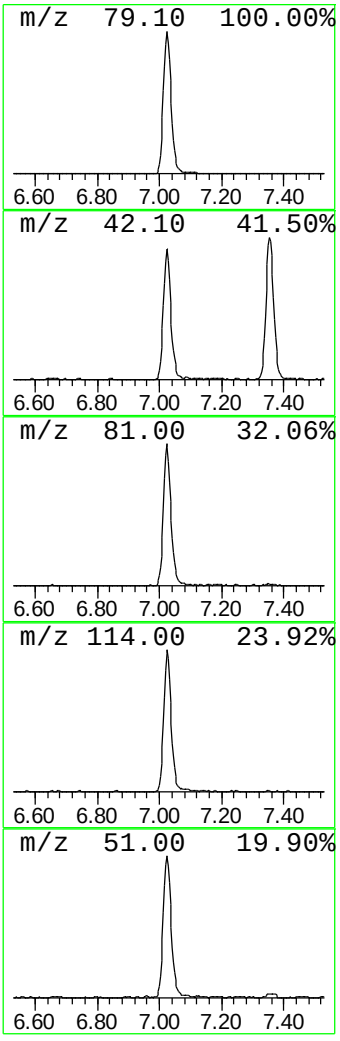
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	17.24 ug/L	483591	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	37
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	28
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
5	Propanoic acid, chloro-2-hydroxy-	124	C3H5ClO3	074792-92-0	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.21	3.0	ug/L	83121	1	5.66	1402640	50.0
unknown-01	7.03	17.2	ug/L	483591	1	5.66	1402640	50.0