LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034738.D
Acq On : 23 Sep 2019 17:02
Operator : JC/SP
Sample : K4982-05 20X
Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

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_U\METHOD\SOMULM091919WMA.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	1.392	87	94	104	rBV	331889	341870	4.29%	1.079%
2	1.563	135	147	154	rVB4	66939	129560	1.63%	0.409%
3	1.665	171	179	197	rVB	251638	339444	4.26%	1.072%
4	2.257	354	363	381	rVB	483754	752775	9.45%	2.377%
5	2.540	448	451	453	rBV3	1511	1058	0.01%	0.003%
6	2.591	463	467	468	rBV3	1172	909	0.01%	0.003%
7	2.662	486	489	490	rBV3	1743	831	0.01%	0.003%
8	2.688	491	497	505	rVB6	6197	9388	0.12%	0.030%
9	2.772	521	523	528	rBV4	1547	1378	0.02%	0.004%
10	2.813	531	536	537	rBV5	1792	1573	0.02%	0.005%
11	2.826	537	540	548	rVB8	2279	2825	0.04%	0.009%
12	2.874	552	555	560	rVB6	1418	1095	0.01%	0.003%
13	3.006	593	596	599	rBV4	1418	824	0.01%	0.003%
14	3.061	611	613	619	rVB6	1751	1518	0.02%	0.005%
15	3.096	622	624	632	rVB8	1617	1133	0.01%	0.004%
16	3.225	659	664	667	rBV6	1330	1060	0.01%	0.003%
17	3.280	676	681	683	rBV5	1279	1230	0.02%	0.004%
18	3.347	694	702	703	rBV6	855	1068	0.01%	0.003%
19	3.386	710	714	720	rVB6	1571	1725	0.02%	0.005%
20	3.537	758	761	764	rBV2	1316	950	0.01%	0.003%
21	3.707	807	814	819	rBV9	1420	1576	0.02%	0.005%
22	3.762	826	831	834	rBV5	1084	1091	0.01%	0.003%
23	3.964	891	894	897	rBV4	1534	829	0.01%	0.003%
24	4.029	906	914	919	rVB4	1649	2253	0.03%	0.007%
25	4.090	929	933	936	rVB5	1981	1519	0.02%	0.005%
26	4.151	936	952	974	rBV	226501	593874	7.46%	1.875%
27	4.405	1028	1031	1033	rBV4	1558	975	0.01%	0.003%
28	4.463	1044	1049	1053	rVB6	1495	1523	0.02%	0.005%
29	4.624	1079	1099	1124	rBV	370029	886925	11.14%	2.800%
30	4.852	1167	1170	1172	rBV3	1293	927	0.01%	0.003%
31	4.897	1181	1184	1188	rBV5	1464	1131	0.01%	0.004%
32	4.929	1191	1194	1198	rBV5	1765	1317	0.02%	0.004%
33	4.961	1198	1204	1206	rBV6	2890	2859	0.04%	0.009%
34	5.051	1225	1232	1235	rVV7	1512	1857	0.02%	0.006%

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Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

35	5.067	1235	1237	1241	rVV5	1262	952	0.01%	0.003%
36	5.209	1279	1281	1284	rVB2	1480	809	0.01%	0.003%
37	5.315	1289	1314	1336	rBV2	771789	2318025	29.10%	7.318%
38	5.553	1384	1388	1390	rBV3	1402	1152	0.01%	0.004%
39	5.749	1445	1449	1450	rBV3	2731	1701	0.02%	0.005%
40	5.759	1450	1452	1454	rVV3	1731	970	0.01%	0.003%
41	5.865	1470	1485	1507	rBV	623240	1245231	15.63%	3.931%
42	6.083	1550	1553	1557	rVB4	1479	1001	0.01%	0.003%
43	6.144	1569	1572	1573	rBV3	1781	992	0.01%	0.003%
44	6.241	1599	1602	1606	rVB4	1812	1207	0.02%	0.004%
45	6.308	1608	1623	1642	rBV	542124	1094368	13.74%	3.455%
46	6.617	1716	1719	1724	rVB5	1719	1204	0.02%	0.004%
47	6.646	1724	1728	1732	rBV6	1817	1673	0.02%	0.005%
48	6.668	1732	1735	1740	rVB4	1449	1000	0.01%	0.003%
49	6.784	1769	1771	1776	rVB5	1563	1072	0.01%	0.003%
50	6.935	1816	1818	1821	rBV3	1426	810	0.01%	0.003%
51	6.974	1824	1830	1834	rBV7	1921	1672	0.02%	0.005%
52	7.045	1849	1852	1855	rVB3	2076	1247	0.02%	0.004%
53	7.061	1855	1857	1861	rVB4	1478	1105	0.01%	0.003%
54	7.090	1861	1866	1867	rBV4	1361	1105	0.01%	0.003%
55	7.125	1874	1877	1883	rVB4	1722	1233	0.02%	0.004%
56	7.154	1883	1886	1888	rBV3	1217	823	0.01%	0.003%
57	7.205	1888	1902	1920	rBV	315954	583768	7.33%	1.843%
58	7.498	1987	1993	1995	rBV7	1214	1128	0.01%	0.004%
59	7.543	1995	2007	2023	rBV	1076561	1860272	23.36%	5.873%
60	7.781	2079	2081	2083	rVB3	2115	830	0.01%	0.003%
61	7.829	2083	2096	2119	rBV	220111	405756	5.09%	1.281%
62	8.067	2165	2170	2173	rBV5	1540	1326	0.02%	0.004%
63	8.160	2196	2199	2206	rBV7	1953	1983	0.02%	0.006%
64	8.199	2207	2211	2214	rBV4	2495	2091	0.03%	0.007%
65	8.215	2214	2216	2224	rVB8	3818	3796	0.05%	0.012%
66	8.289	2224	2239	2266	rBV	739512	1359966	17.08%	4.294%
67	8.578	2325	2329	2330	rBV4	1409	876	0.01%	0.003%
68	8.746	2379	2381	2386	rVB4	1779	1367	0.02%	0.004%
69	8.778	2386	2391	2393	rBV5	1825	1906	0.02%	0.006%
70	8.881	2420	2423	2424	rBV3	2192	1083	0.01%	0.003%
71	8.922	2434	2436	2440	rVB3	1493	869	0.01%	0.003%

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Sample : K4982-05 20X
Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	8.996	2456	2459	2462	rBV3	1563	1386	0.02%	0.004%
73	9.067	2468	2481	2511	rBV	951116	1821775	22.87%	5.752%
74	9.228	2520	2531	2549	rBV	189191	308136	3.87%	0.973%
75	9.350	2557	2569	2586	rBV	625707	1051264	13.20%	3.319%
76	9.488	2610	2612	2616	rVB3	1330	1037	0.01%	0.003%
77	9.511	2616	2619	2622	rVB3	1401	827	0.01%	0.003%
78	9.537	2624	2627	2630	rVV5	1391	1151	0.01%	0.004%
79	9.553	2630	2632	2635	rVB3	2239	1166	0.01%	0.004%
80	9.694	2668	2676	2677	rBV6	2215	2605	0.03%	0.008%
81	9.758	2685	2696	2714	rVV	182022	303187	3.81%	0.957%
82	9.823	2714	2716	2722	rVB7	1768	1250	0.02%	0.004%
83	10.025	2771	2779	2787	rBV7	6479	12061	0.15%	0.038%
84	10.131	2803	2812	2814	rBV9	5265	7377	0.09%	0.023%
85	10.173	2823	2825	2828	rBV3	1260	952	0.01%	0.003%
86	10.295	2860	2863	2869	rBV6	3666	3661	0.05%	0.012%
87	10.360	2881	2883	2886	rVB4	1656	1010	0.01%	0.003%
88	10.408	2886	2898	2922	rBV	694563	1154142	14.49%	3.644%
89	10.543	2937	2940	2942	rBV3	1352	995	0.01%	0.003%
90	10.572	2945	2949	2952	rBV5	3149	2419	0.03%	0.008%
91	10.794	3012	3018	3031	rVB2	38092	56085	0.70%	0.177%
92	10.903	3046	3052	3058	rBV7	2679	3580	0.04%	0.011%
93	10.951	3058	3067	3074	rBV7	7003	12627	0.16%	0.040%
94	11.093	3106	3111	3114	rBV5	4965	5578	0.07%	0.018%
95	11.128	3115	3122	3134	rVV4	19070	33529	0.42%	0.106%
96	11.173	3134	3136	3143	rVB7	2983	2971	0.04%	0.009%
97	11.392	3191	3204	3216	rBV	1324640	2141694	26.89%	6.762%
98	11.482	3216	3232	3250	rVB2	2017404	4592468	57.66%	14.499%
99	11.852	3331	3347	3373	rBV2	4199000	7964627	100.00%	25.146%
100	13.485	3847	3855	3872	rBV2	98776	187307	2.35%	0.591%

Sum of corrected areas: 31674106

LSC Report - Integrated Chromatogram

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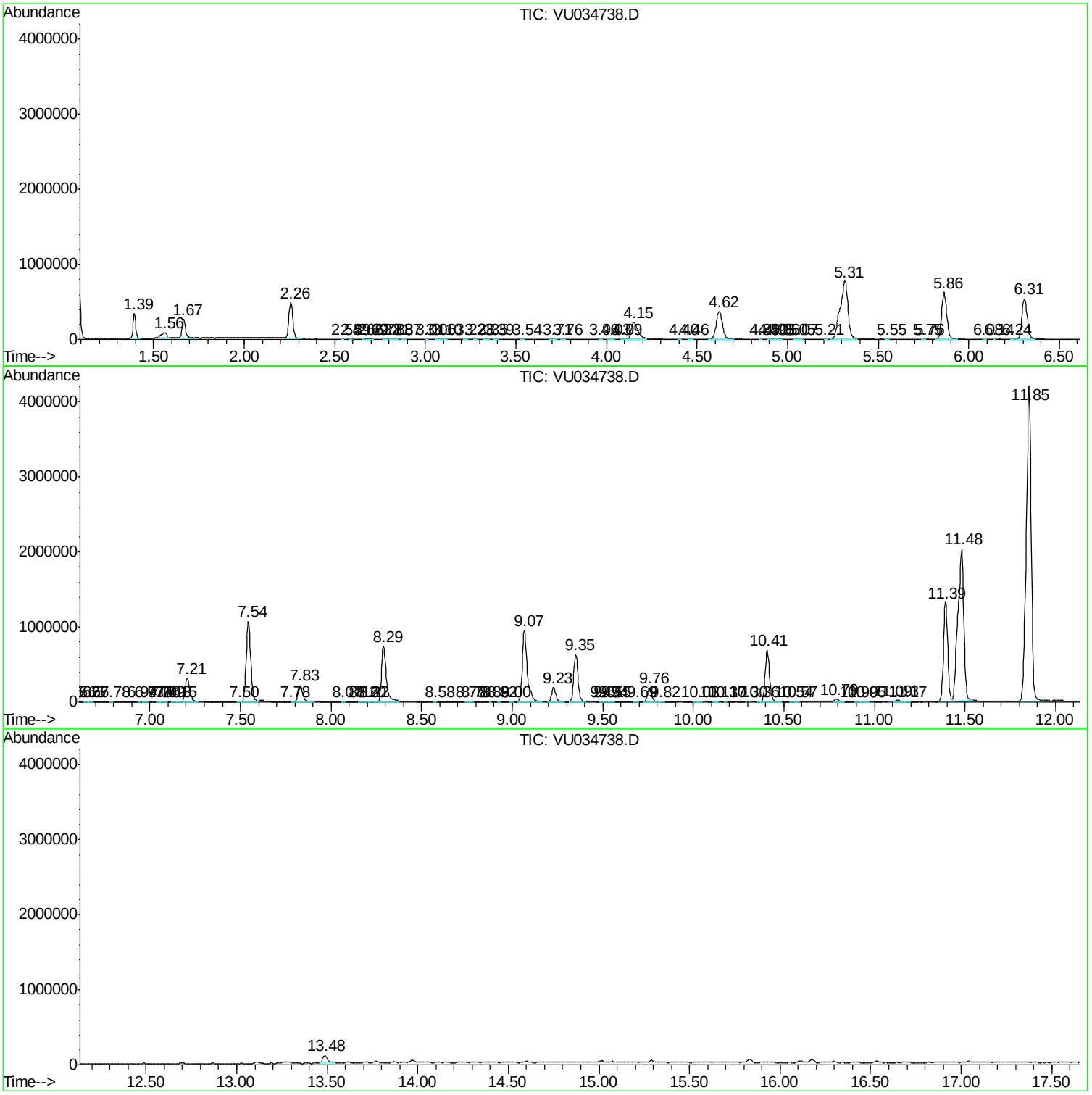
Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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Data File : VU034738.D
Acq On : 23 Sep 2019 17:02
Operator : JC/SP
Sample : K4982-05 20X
Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

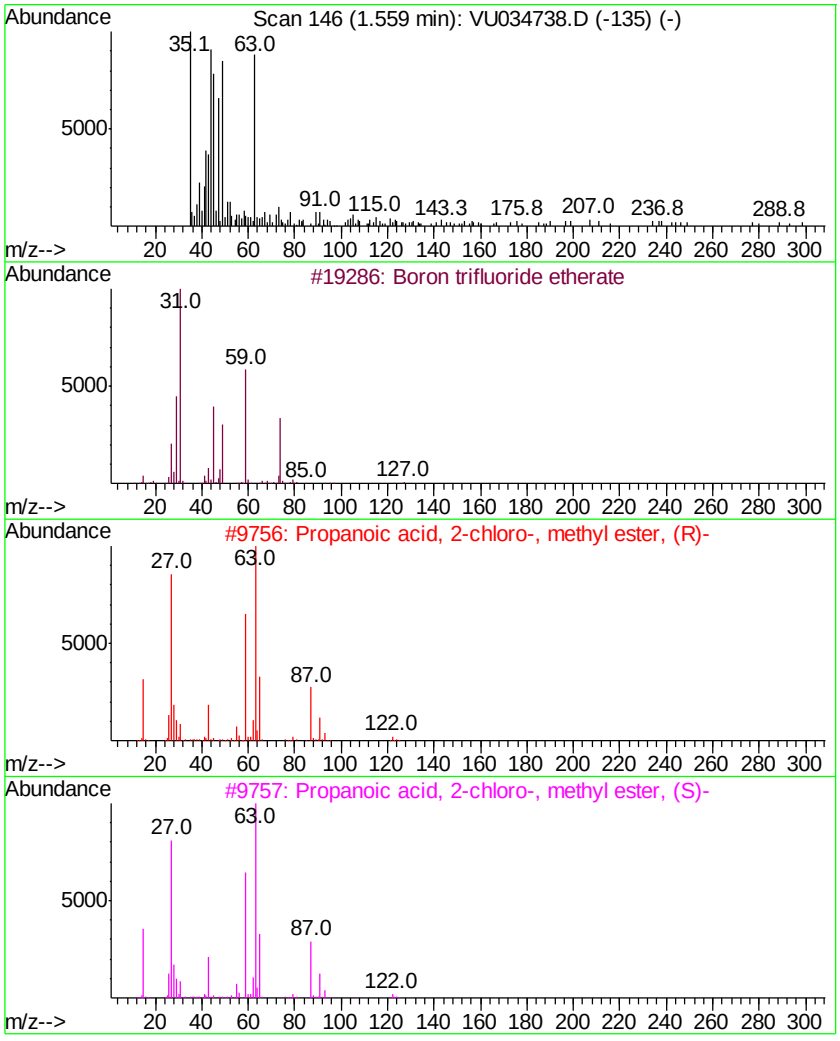
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

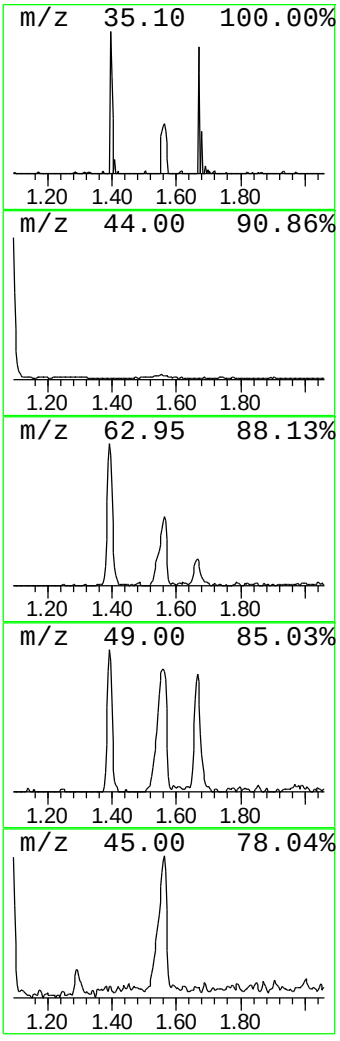
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.56	5.20 ug/L	129560	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	10
2	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	077287-29-7	9
3	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	073246-45-4	9
4	Oxalyl chloride	126	C2Cl2O2	000079-37-8	9
5	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	9





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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

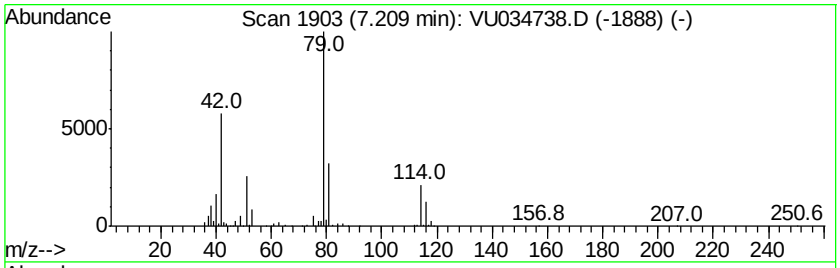
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

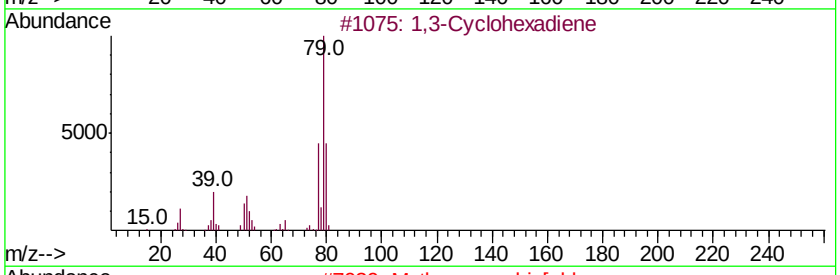
****

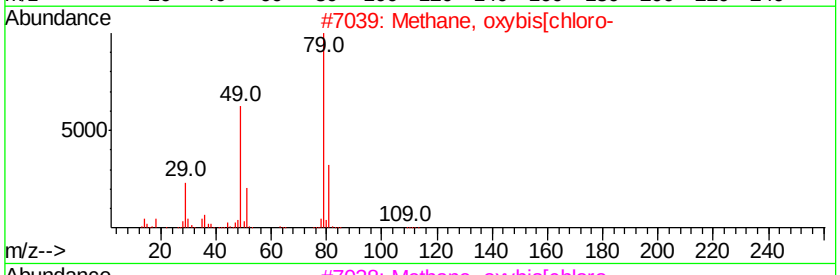
Peak Number 2 unknown-02 Concentration Rank 1

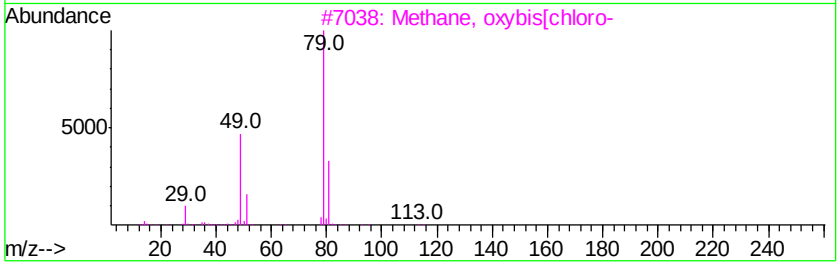
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	23.44 ug/L	583768	1,4-Difluorobenzene	5.86

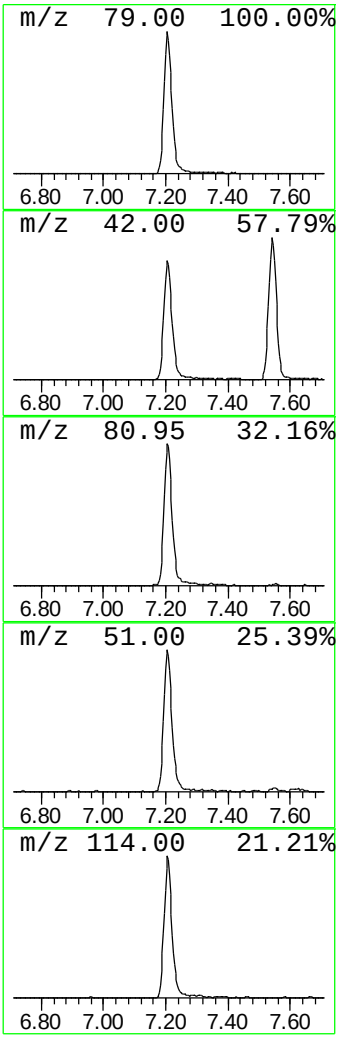
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
5	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	9











Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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	1.56	5.2	ug/L	129560	1	5.86	1245230	50.0
unknown-02	7.21	23.4	ug/L	583768	1	5.86	1245230	50.0