LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050321\
Data File : VV021246.D
Acq On : 03 May 2021 15:27
Operator : SY/MD
Sample : M2209-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7C8

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\SFAMVLM050321WMA.M
Title : VOC Analysis

Signal : TIC: VV021246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	51	54	58	rBV2	12315	9496	0.39%	0.050%
2	1.307	77	83	93	rBV	238743	232581	9.66%	1.222%
3	1.568	158	164	178	rVB	222448	254336	10.56%	1.336%
4	2.108	323	332	353	rVB	548156	785087	32.60%	4.124%
5	2.291	384	389	397	rBV2	10515	12863	0.53%	0.068%
6	2.828	553	556	562	rVB6	2127	1695	0.07%	0.009%
7	2.915	580	583	587	rVB5	1696	1128	0.05%	0.006%
8	3.037	615	621	622	rBV3	8182	6822	0.28%	0.036%
9	3.098	638	640	645	rVB5	1580	1061	0.04%	0.006%
10	3.137	649	652	653	rBV4	1042	640	0.03%	0.003%
11	3.185	663	667	669	rBV4	1054	863	0.04%	0.005%
12	3.223	677	679	685	rVB5	1206	834	0.03%	0.004%
13	3.301	700	703	704	rBV4	1211	699	0.03%	0.004%
14	3.404	731	735	737	rBV3	1296	1004	0.04%	0.005%
15	3.452	745	750	752	rBV5	1147	896	0.04%	0.005%
16	3.500	761	765	770	rVB4	1211	1044	0.04%	0.005%
17	3.539	774	777	782	rVB6	1894	1549	0.06%	0.008%
18	3.568	782	786	788	rBV4	1783	1502	0.06%	0.008%
19	3.619	797	802	806	rVB6	1408	1447	0.06%	0.008%
20	3.651	806	812	814	rBV4	1244	929	0.04%	0.005%
21	3.767	831	848	864	rBV6	30395	81206	3.37%	0.427%
22	3.825	864	866	870	rBV5	1598	820	0.03%	0.004%
23	3.902	878	890	916	rBV2	119496	392234	16.29%	2.060%
24	4.194	979	981	983	rBV3	1378	852	0.04%	0.004%
25	4.352	1013	1030	1054	rBV	443965	1081657	44.91%	5.681%
26	4.545	1088	1090	1094	rBV5	1336	1167	0.05%	0.006%
27	4.580	1098	1101	1106	rBV5	1329	1179	0.05%	0.006%
28	4.651	1118	1123	1125	rBV4	1390	859	0.04%	0.005%
29	4.731	1145	1148	1151	rBV4	2318	1483	0.06%	0.008%
30	4.767	1156	1159	1161	rBV3	2045	1116	0.05%	0.006%
31	4.924	1206	1208	1210	rVB2	1445	617	0.03%	0.003%
32	4.960	1215	1219	1221	rBV2	2045	1478	0.06%	0.008%
33	5.047	1230	1246	1278	rBV2	926104	2408531	100.00%	12.651%
34	5.622	1411	1425	1453	rBV	783915	1582392	65.70%	8.312%
35	5.908	1503	1514	1531	rBV3	68558	141153	5.86%	0.741%
36	5.989	1537	1539	1540	rBV2	1864	712	0.03%	0.004%

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Sample : M2209-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7C8

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\SFAMVLM050321WMA.M
Title : VOC Analysis

37	6.072	1553	1565	1592	rBV2	516418	1035539	42.99%	5.439%
38	6.419	1670	1673	1675	rBV3	977	599	0.02%	0.003%
39	6.442	1675	1680	1681	rBV4	1304	1148	0.05%	0.006%
40	6.616	1731	1734	1736	rVB3	1560	856	0.04%	0.004%
41	6.677	1751	1753	1754	rBV	2163	982	0.04%	0.005%
42	6.876	1811	1815	1822	rVB7	1950	2314	0.10%	0.012%
43	6.911	1822	1826	1828	rBV4	1906	1249	0.05%	0.007%
44	6.992	1838	1851	1877	rVV2	317095	595509	24.72%	3.128%
45	7.172	1903	1907	1911	rBV6	2269	2279	0.09%	0.012%
46	7.227	1921	1924	1928	rBV5	2490	2202	0.09%	0.012%
47	7.320	1942	1953	1970	rBV	1146580	1959715	81.37%	10.294%
48	7.628	2036	2049	2065	rBV	230347	414836	17.22%	2.179%
49	7.934	2139	2144	2146	rBV4	3551	2794	0.12%	0.015%
50	8.027	2170	2173	2177	rBV5	2422	1660	0.07%	0.009%
51	8.046	2177	2179	2181	rBV3	1066	588	0.02%	0.003%
52	8.095	2184	2194	2230	rBV3	488407	992071	41.19%	5.211%
53	8.542	2331	2333	2336	rBV3	1776	1121	0.05%	0.006%
54	8.625	2355	2359	2362	rBV5	817	760	0.03%	0.004%
55	8.706	2382	2384	2388	rVB3	1235	621	0.03%	0.003%
56	8.731	2388	2392	2394	rBV4	1049	942	0.04%	0.005%
57	8.754	2397	2399	2402	rBV3	1365	736	0.03%	0.004%
58	8.857	2419	2431	2455	rBV	1185573	1945646	80.78%	10.220%
59	9.079	2497	2500	2503	rBV3	1543	1163	0.05%	0.006%
60	9.117	2510	2512	2515	rBV3	1249	621	0.03%	0.003%
61	9.429	2607	2609	2613	rVV5	1853	954	0.04%	0.005%
62	9.468	2619	2621	2623	rBV2	1166	620	0.03%	0.003%
63	9.574	2651	2654	2656	rBV3	1149	754	0.03%	0.004%
64	9.612	2663	2666	2670	rVB7	1178	958	0.04%	0.005%
65	9.635	2670	2673	2677	rBV3	1430	981	0.04%	0.005%
66	9.661	2678	2681	2683	rBV4	1246	755	0.03%	0.004%
67	9.747	2706	2708	2711	rVB4	1553	729	0.03%	0.004%
68	9.776	2711	2717	2719	rVB5	972	833	0.03%	0.004%
69	9.789	2719	2721	2725	rVB4	1844	1031	0.04%	0.005%
70	9.824	2725	2732	2734	rBV7	1661	1798	0.07%	0.009%
71	9.898	2751	2755	2756	rBV3	1262	836	0.03%	0.004%
72	10.024	2790	2794	2799	rBV4	1574	1286	0.05%	0.007%
73	10.223	2844	2856	2872	rVV2	705892	1095538	45.49%	5.754%
74	10.352	2893	2896	2900	rBV4	2090	1893	0.08%	0.010%
75	10.635	2982	2984	2986	rBV	1046	639	0.03%	0.003%
76	10.834	3041	3046	3053	rBV9	2471	3216	0.13%	0.017%

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ClientSampleId : BG7C8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Title : VOC Analysis

77	10.924	3066	3074	3078	rBV10	5312	8337	0.35%	0.044%
78	11.152	3141	3145	3154	rBV10	3786	5483	0.23%	0.029%
79	11.255	3165	3177	3196	rBV	1200600	1886481	78.32%	9.909%
80	11.631	3281	3294	3311	rBV	1271629	2016859	83.74%	10.594%
81	12.136	3445	3451	3454	rBV5	1161	1503	0.06%	0.008%
82	12.152	3454	3456	3459	rVB4	1950	1117	0.05%	0.006%
83	12.287	3496	3498	3504	rVB5	1154	1134	0.05%	0.006%
84	12.320	3504	3508	3511	rBV6	1875	1434	0.06%	0.008%
85	12.705	3626	3628	3633	rBV6	1435	1218	0.05%	0.006%
86	12.786	3649	3653	3655	rBV3	1701	1264	0.05%	0.007%
87	12.963	3704	3708	3710	rBV5	1886	1597	0.07%	0.008%
88	13.136	3760	3762	3765	rVB3	2198	1148	0.05%	0.006%
89	13.287	3807	3809	3812	rVB2	2181	1161	0.05%	0.006%
90	13.432	3851	3854	3857	rBV4	1471	1073	0.04%	0.006%
91	13.467	3861	3865	3868	rBV5	2095	1616	0.07%	0.008%
92	13.692	3930	3935	3939	rBV7	1606	1837	0.08%	0.010%
93	13.988	4025	4027	4029	rBV3	1629	704	0.03%	0.004%
94	14.004	4029	4032	4035	rBV4	2176	1618	0.07%	0.008%
95	14.110	4062	4065	4071	rBV8	2926	2186	0.09%	0.011%
96	14.146	4071	4076	4079	rBV4	3212	2469	0.10%	0.013%
97	14.210	4093	4096	4099	rBV4	1419	988	0.04%	0.005%
98	14.500	4181	4186	4188	rBV4	2492	2219	0.09%	0.012%
99	14.709	4248	4251	4255	rBV4	2324	1368	0.06%	0.007%
100	14.757	4263	4266	4267	rBV2	1346	824	0.03%	0.004%

Sum of corrected areas: 19038342

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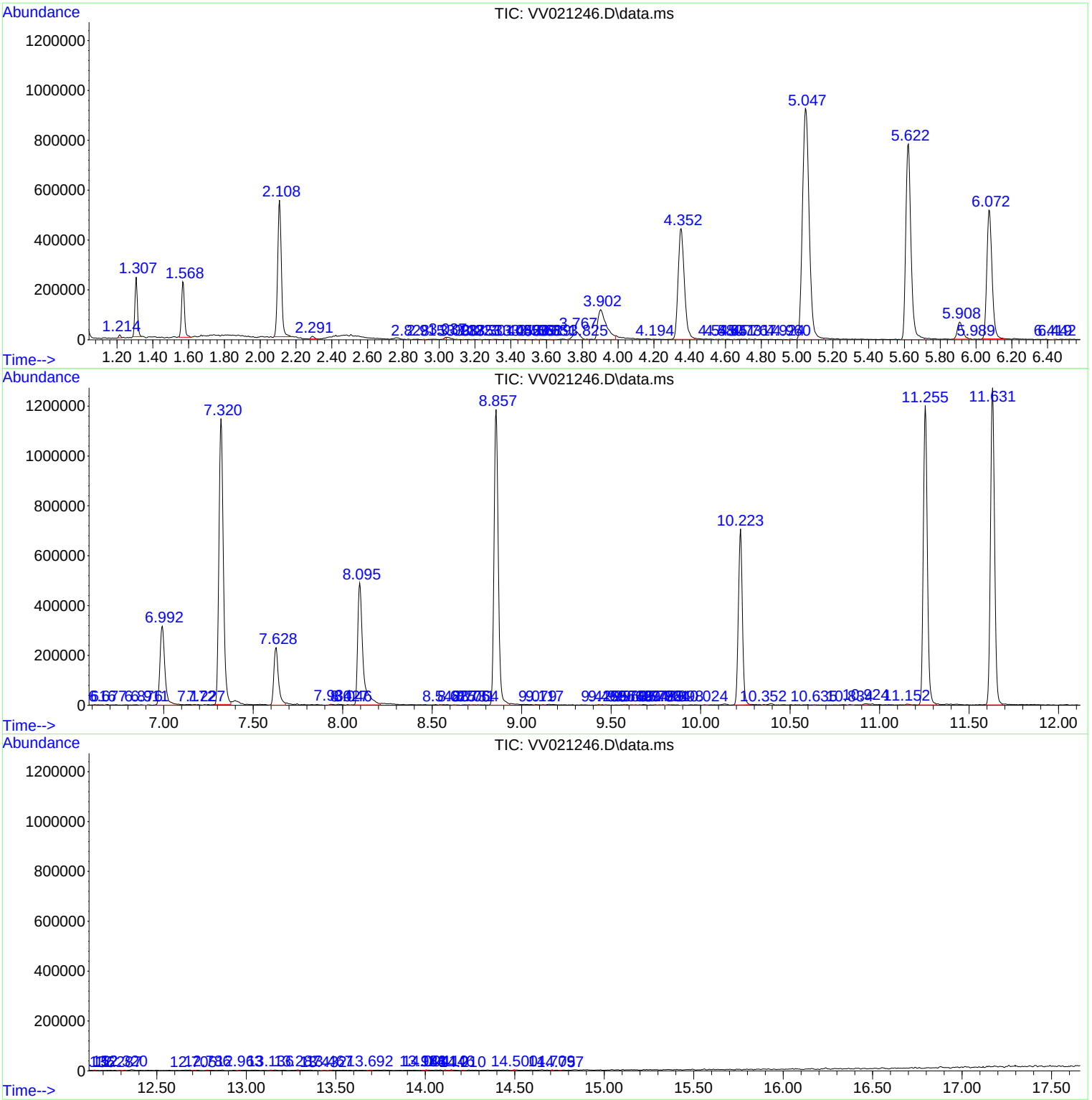
MSVOA_V
ClientSampleId :
BG7C8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

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



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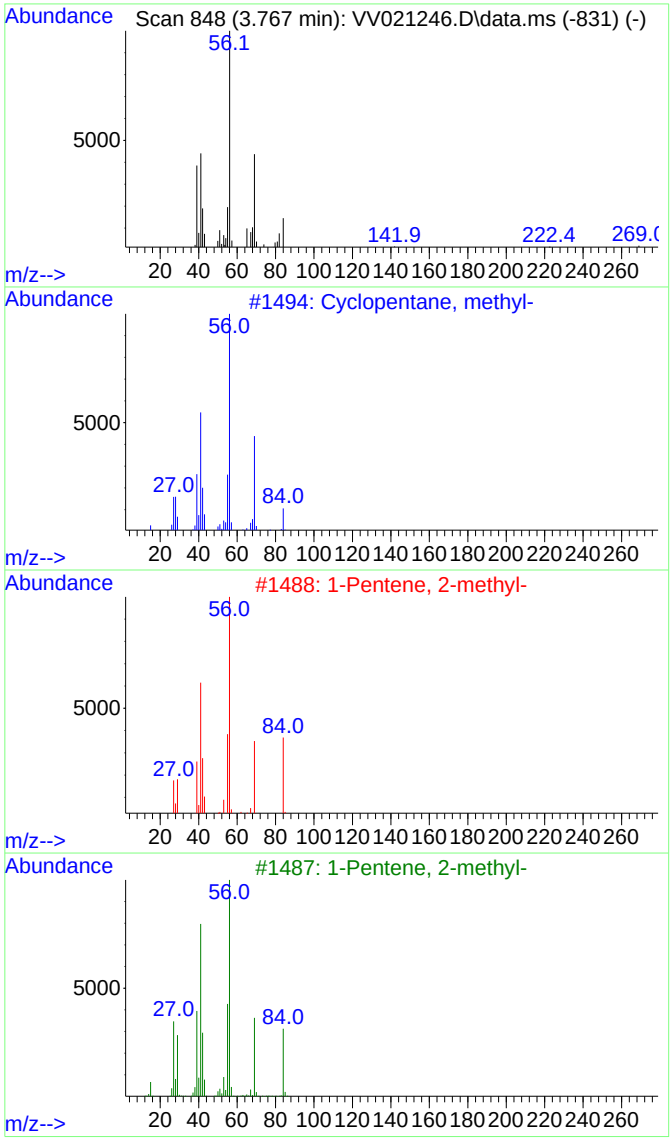
Quant Title : VOC Analysis

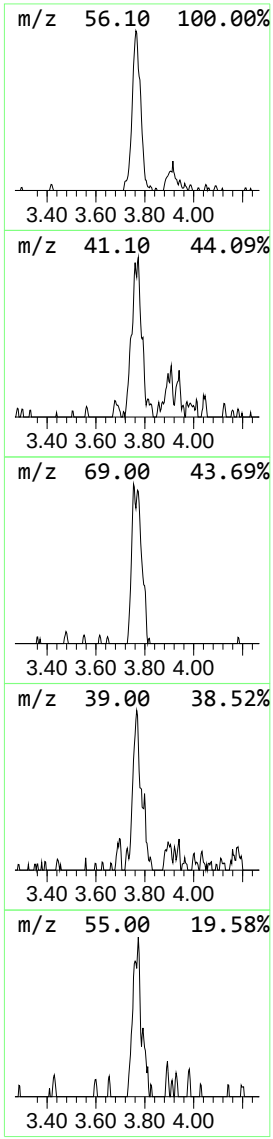
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.767 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.767	2.57 ug/L	81206	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	46
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	46





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

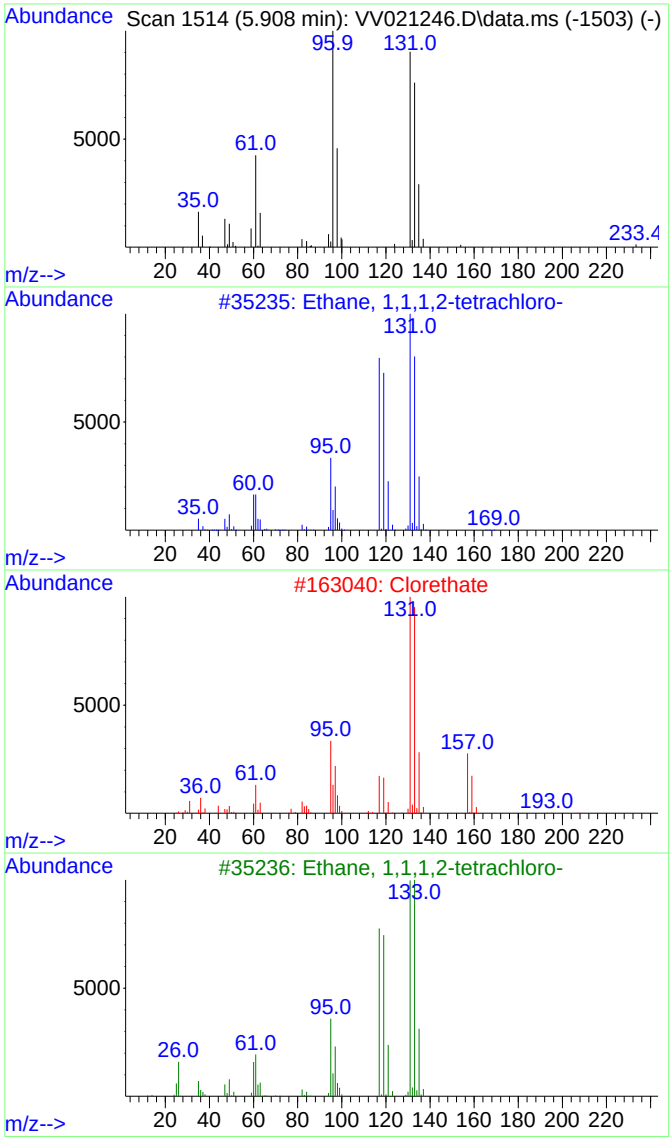
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

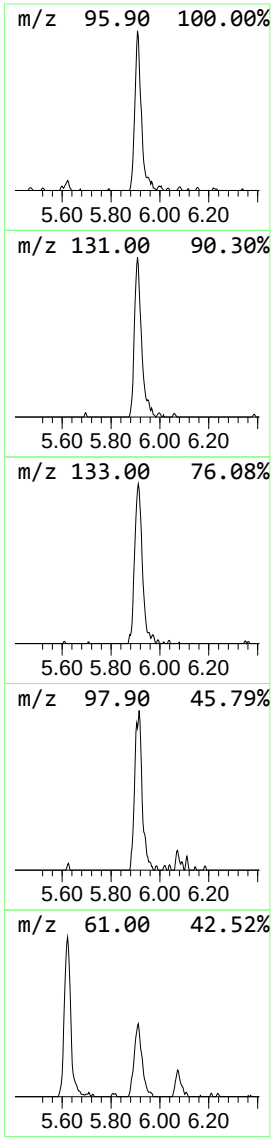
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	4.46 ug/L	141153	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Clorethate	322	C5H4Cl6O3	005634-37-7	43
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





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
(DEL) Alkane: C...	3.767	2.6	ug/L	81206	1	5.622	1582390	50.0
unknown-01	5.908	4.5	ug/L	141153	1	5.622	1582390	50.0