LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
Data File : VU053009.D
Acq On : 08 Feb 2023 19:10
Operator : JC/MD
Sample : 01412-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

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\SFAMULM020823WMA.M
Title : VOC Analysis

Signal : TIC: VU053009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.257	45	52	65	rVB	170464	220128	17.32%	2.282%
2	1.598	152	158	173	rVB	180785	211367	16.63%	2.192%
3	2.566	449	459	474	rVB	284239	465906	36.66%	4.831%
4	3.138	635	637	639	rBV3	1195	586	0.05%	0.006%
5	3.399	715	718	719	rBV3	921	390	0.03%	0.004%
6	3.424	724	726	731	rVV4	1563	1227	0.10%	0.013%
7	3.460	734	737	739	rBV4	806	501	0.04%	0.005%
8	3.527	755	758	762	rBV6	662	505	0.04%	0.005%
9	3.585	773	776	783	rVB8	1206	1546	0.12%	0.016%
10	3.620	783	787	788	rBV3	1036	576	0.05%	0.006%
11	3.675	801	804	809	rVB6	1393	1090	0.09%	0.011%
12	3.704	809	813	814	rBV4	984	727	0.06%	0.008%
13	3.804	841	844	845	rBV3	953	420	0.03%	0.004%
14	3.842	853	856	858	rBV4	705	496	0.04%	0.005%
15	3.887	866	870	876	rBV8	1430	1783	0.14%	0.018%
16	3.990	899	902	907	rVB7	882	888	0.07%	0.009%
17	4.016	907	910	913	rBV5	1802	1307	0.10%	0.014%
18	4.071	923	927	928	rVV4	1184	792	0.06%	0.008%
19	4.112	936	940	943	rVV6	1178	1015	0.08%	0.011%
20	4.138	946	948	953	rVB6	1283	715	0.06%	0.007%
21	4.167	953	957	960	rBV5	1127	796	0.06%	0.008%
22	4.202	965	968	970	rBV4	804	557	0.04%	0.006%
23	4.219	970	973	976	rBV4	974	498	0.04%	0.005%
24	4.231	976	977	980	rVB4	875	367	0.03%	0.004%
25	4.418	1032	1035	1039	rVB6	723	478	0.04%	0.005%
26	4.444	1039	1043	1045	rBV5	810	698	0.05%	0.007%
27	4.469	1048	1051	1053	rBV4	969	529	0.04%	0.005%
28	4.514	1061	1065	1068	rBV5	644	481	0.04%	0.005%
29	4.579	1077	1085	1088	rBV8	905	1224	0.10%	0.013%
30	4.627	1088	1100	1122	rBV	73965	194361	15.29%	2.015%
31	4.874	1172	1177	1184	rBV	1202	1599	0.13%	0.017%
32	5.058	1215	1234	1255	rBV	240682	533740	42.00%	5.534%
33	5.170	1266	1269	1270	rBV4	839	413	0.03%	0.004%
34	5.199	1276	1278	1281	rBV4	897	613	0.05%	0.006%
35	5.218	1281	1284	1286	rBV4	1196	783	0.06%	0.008%
36	5.289	1303	1306	1309	rBV5	1257	931	0.07%	0.010%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

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\SFAMULM020823WMA.M
Title : VOC Analysis

37	5.363	1326	1329	1330	rBV3	1086	566	0.04%	0.006%
38	5.505	1367	1373	1376	rVB8	776	745	0.06%	0.008%
39	5.524	1376	1379	1382	rVB5	1141	627	0.05%	0.007%
40	5.550	1382	1387	1391	rBV8	1724	1744	0.14%	0.018%
41	5.630	1409	1412	1414	rBV4	626	462	0.04%	0.005%
42	5.643	1414	1416	1419	rBV4	967	393	0.03%	0.004%
43	5.720	1419	1440	1461	rBV2	475820	1270770	100.00%	13.176%
44	5.903	1495	1497	1501	rBV4	1039	747	0.06%	0.008%
45	6.116	1558	1563	1564	rBV5	1197	927	0.07%	0.010%
46	6.170	1576	1580	1585	rVB7	1116	1067	0.08%	0.011%
47	6.244	1588	1603	1624	rBV	356496	683295	53.77%	7.085%
48	6.376	1641	1644	1649	rVB6	1012	642	0.05%	0.007%
49	6.408	1649	1654	1656	rBV6	1341	935	0.07%	0.010%
50	6.434	1659	1662	1667	rBV6	1198	1286	0.10%	0.013%
51	6.514	1679	1687	1688	rBV7	2289	2039	0.16%	0.021%
52	6.685	1726	1740	1762	rBV	293785	570300	44.88%	5.913%
53	6.845	1787	1790	1796	rVB6	1327	984	0.08%	0.010%
54	6.884	1796	1802	1807	rBV8	1199	1542	0.12%	0.016%
55	6.910	1807	1810	1816	rVB10	1206	1103	0.09%	0.011%
56	6.939	1816	1819	1823	rVB6	586	408	0.03%	0.004%
57	6.987	1830	1834	1837	rBV6	817	521	0.04%	0.005%
58	7.025	1842	1846	1850	rBV6	1076	1007	0.08%	0.010%
59	7.054	1851	1855	1857	rBV4	532	400	0.03%	0.004%
60	7.141	1879	1882	1886	rVV5	663	442	0.03%	0.005%
61	7.177	1886	1893	1894	rBV6	1152	1152	0.09%	0.012%
62	7.222	1904	1907	1909	rBV4	812	501	0.04%	0.005%
63	7.369	1946	1953	1955	rBV7	948	990	0.08%	0.010%
64	7.382	1955	1957	1960	rBV3	768	388	0.03%	0.004%
65	7.418	1965	1968	1971	rBV6	768	480	0.04%	0.005%
66	7.479	1981	1987	1991	rBV7	1940	2002	0.16%	0.021%
67	7.501	1991	1994	1998	rBV6	894	572	0.05%	0.006%
68	7.562	1998	2013	2029	rBV	194386	342421	26.95%	3.550%
69	7.894	2104	2116	2137	rBV	640135	1097551	86.37%	11.380%
70	8.173	2193	2203	2222	rBV	132250	221081	17.40%	2.292%
71	8.292	2238	2240	2244	rBV5	925	615	0.05%	0.006%
72	8.312	2244	2246	2249	rVB3	1016	470	0.04%	0.005%
73	8.337	2251	2254	2257	rBV5	1227	861	0.07%	0.009%
74	8.550	2318	2320	2322	rBV3	1051	568	0.04%	0.006%
75	8.566	2323	2325	2328	rVB3	1594	705	0.06%	0.007%
76	8.585	2328	2331	2334	rBV5	1295	1039	0.08%	0.011%

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ALS Vial : 16 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
VHBLK001

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\SFAMULM020823WMA.M
Title : VOC Analysis

77	8.630	2334	2345	2379	rVB2	252278	484088	38.09%	5.019%
78	8.877	2418	2422	2424	rBV3	1036	952	0.07%	0.010%
79	9.241	2533	2535	2538	rBV4	1044	654	0.05%	0.007%
80	9.312	2555	2557	2559	rBV3	707	370	0.03%	0.004%
81	9.414	2576	2589	2610	rBV	481733	806373	63.46%	8.361%
82	9.546	2626	2630	2635	rBV7	1277	1528	0.12%	0.016%
83	9.993	2766	2769	2772	rBV5	889	736	0.06%	0.008%
84	10.067	2790	2792	2795	rVB4	1091	552	0.04%	0.006%
85	10.083	2795	2797	2800	rBV4	918	689	0.05%	0.007%
86	10.196	2825	2832	2837	rBV7	1264	1902	0.15%	0.020%
87	10.257	2848	2851	2852	rBV2	938	518	0.04%	0.005%
88	10.373	2883	2887	2889	rBV5	1027	861	0.07%	0.009%
89	10.408	2895	2898	2901	rBV5	1161	803	0.06%	0.008%
90	10.591	2952	2955	2957	rBV4	1408	870	0.07%	0.009%
91	10.668	2976	2979	2982	rBV3	1570	1315	0.10%	0.014%
92	10.752	2991	3005	3020	rBV	400293	651234	51.25%	6.752%
93	11.283	3166	3170	3171	rBV3	1010	742	0.06%	0.008%
94	11.389	3199	3203	3206	rBV5	1096	1195	0.09%	0.012%
95	11.807	3321	3333	3350	rBV	545042	847204	66.67%	8.784%
96	12.186	3439	3451	3470	rBV	585299	972385	76.52%	10.082%
97	12.672	3597	3602	3605	rBV6	1255	1079	0.08%	0.011%
98	13.456	3843	3846	3851	rBV7	1569	1335	0.11%	0.014%
99	13.636	3899	3902	3906	rBV5	1208	1137	0.09%	0.012%
100	13.835	3960	3964	3966	rBV4	2066	1857	0.15%	0.019%

Sum of corrected areas: 9644760

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Instrument :
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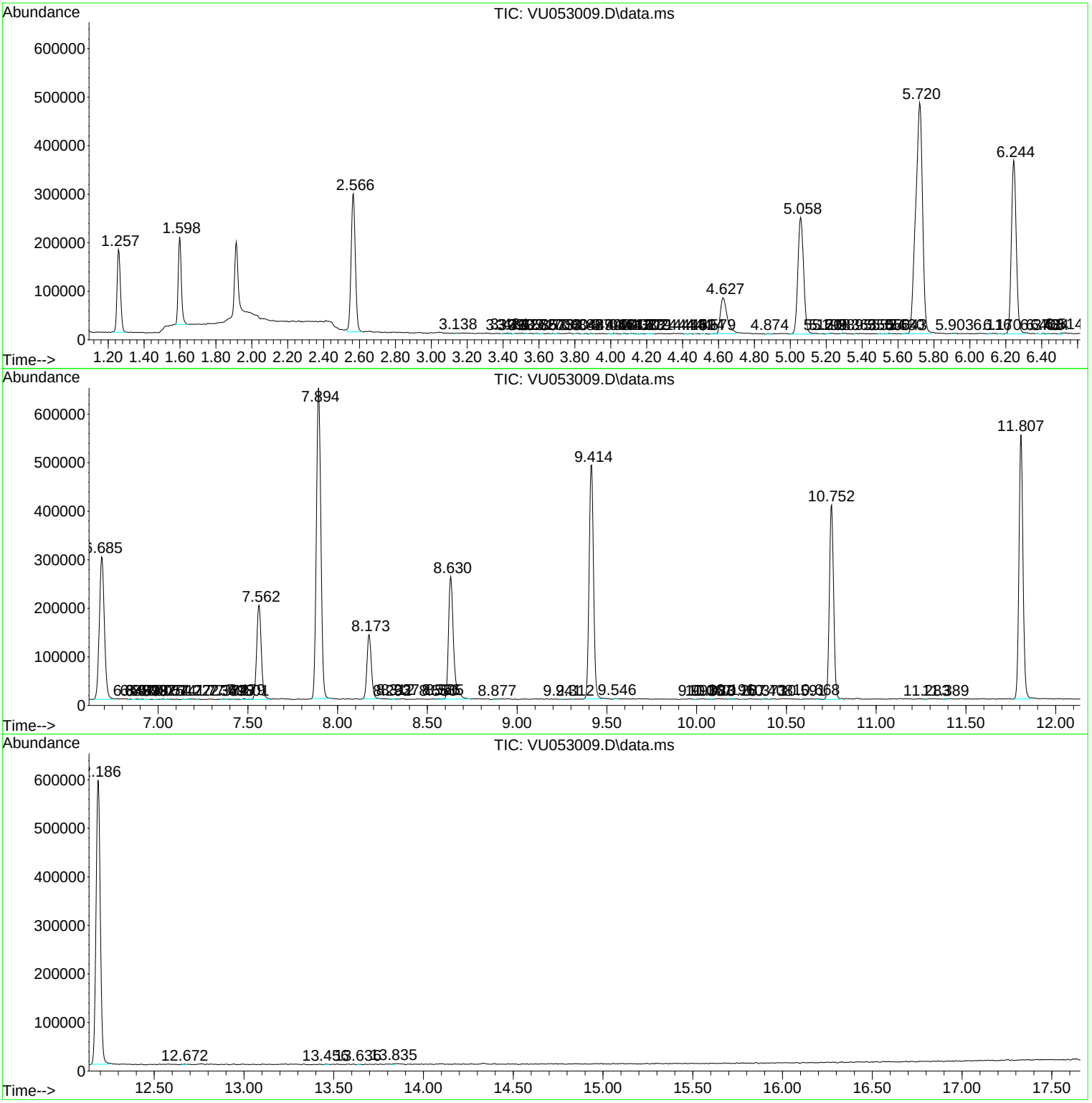
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

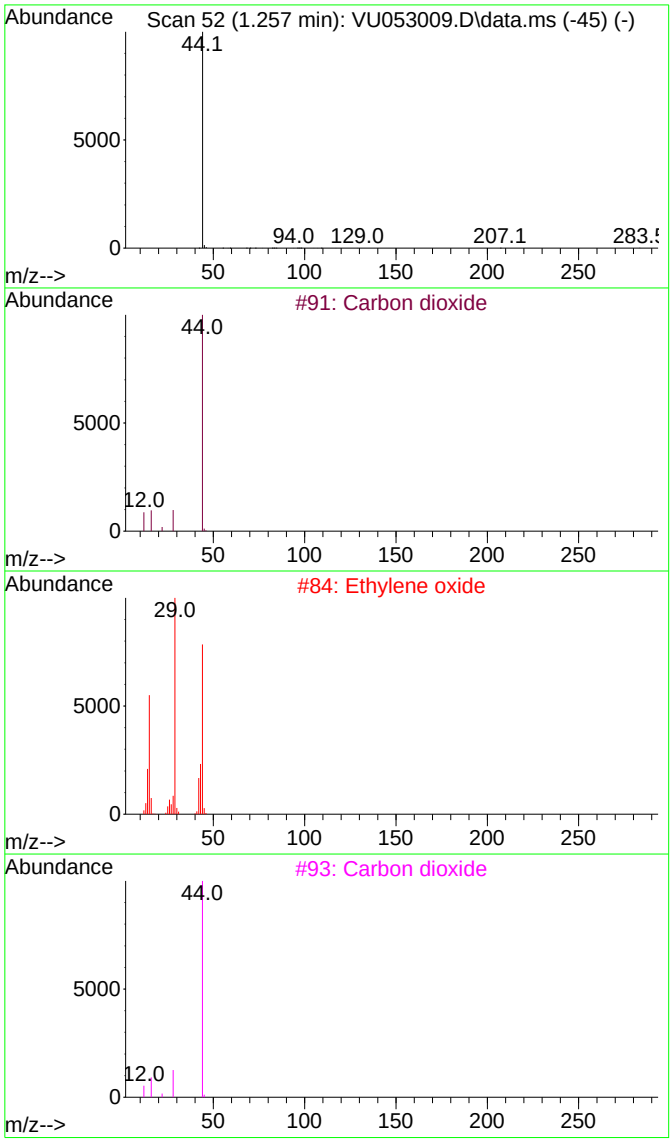
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

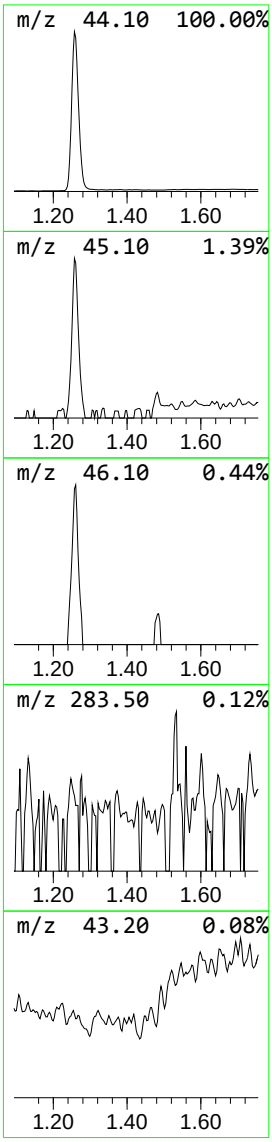
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.257	16.11 ug/L	220128	1,4-Difluorobenzene	6.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	4
2	Ethylene oxide	44	C2H4O	000075-21-8	3
3	Carbon dioxide	44	CO2	000124-38-9	3
4	Carbon dioxide	44	CO2	000124-38-9	3
5	Nitrous oxide	44	N2O	010024-97-2	3





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

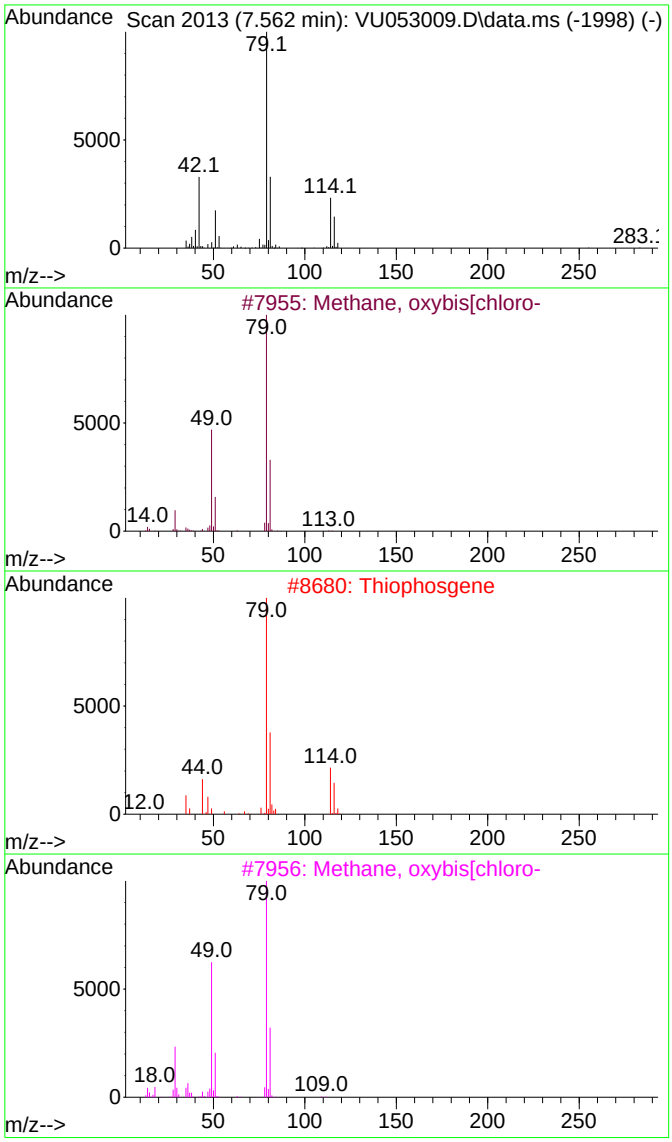
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

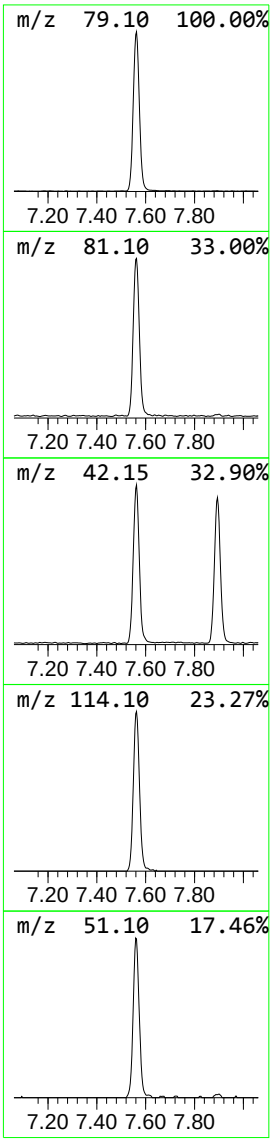
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methane, oxybis[chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.562	25.06 ug/L	342421	1,4-Difluorobenzene	6.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	50
2	Thiophosgene	114	CCl2S	000463-71-8	45
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	40
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	28
5	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	28





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.257	16.1	ug/L	220128	1	6.244	683295	50.0
Methane, oxybis...	7.562	25.1	ug/L	342421	1	6.244	683295	50.0