LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
Data File : VU053004.D
Acq On : 08 Feb 2023 16:44
Operator : JC/MD
Sample : 01443-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3E90

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: VU053004.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	44	52	70	rVB	174469	241585	3.31%	0.804%
2	1.383	85	91	103	rVB	104029	118888	1.63%	0.396%
3	1.482	116	122	127	rBV	35010	39688	0.54%	0.132%
4	1.518	127	133	143	rVV	99731	125031	1.71%	0.416%
5	1.601	151	159	173	rBV2	341955	434058	5.94%	1.445%
6	1.878	233	245	252	rBV	614069	897998	12.29%	2.989%
7	2.135	317	325	341	rVB	303194	444685	6.09%	1.480%
8	2.572	448	461	471	rBV3	522720	1043151	14.28%	3.472%
9	2.640	471	482	525	rVB	4180269	7306490	100.00%	24.317%
10	3.042	594	607	627	rBV	199564	391801	5.36%	1.304%
11	3.177	639	649	650	rBV8	7277	8201	0.11%	0.027%
12	3.350	688	703	721	rBV	92983	186691	2.56%	0.621%
13	3.463	732	738	741	rVB7	2233	1876	0.03%	0.006%
14	3.482	741	744	750	rBV6	1725	2045	0.03%	0.007%
15	3.865	844	863	884	rBV	221641	523329	7.16%	1.742%
16	4.087	929	932	935	rVB5	1488	1000	0.01%	0.003%
17	4.116	937	941	944	rBV5	1423	1070	0.01%	0.004%
18	4.283	990	993	999	rVB9	1699	1506	0.02%	0.005%
19	4.395	1026	1028	1034	rBV5	1104	995	0.01%	0.003%
20	4.489	1054	1057	1061	rVB5	1639	1140	0.02%	0.004%
21	4.659	1087	1110	1130	rBV2	224777	686205	9.39%	2.284%
22	4.871	1173	1176	1181	rVV7	1556	1321	0.02%	0.004%
23	4.971	1191	1207	1220	rBV	160773	355209	4.86%	1.182%
24	5.074	1221	1239	1265	rVB4	365777	1151376	15.76%	3.832%
25	5.312	1296	1313	1330	rBV	107848	243188	3.33%	0.809%
26	5.521	1362	1378	1398	rVB	272972	593208	8.12%	1.974%
27	5.720	1418	1440	1448	rBV2	474940	1279469	17.51%	4.258%
28	6.045	1536	1541	1544	rBV6	1638	1748	0.02%	0.006%
29	6.080	1546	1552	1563	rVB7	3509	6104	0.08%	0.020%
30	6.244	1589	1603	1620	rBV	365651	688952	9.43%	2.293%
31	6.389	1643	1648	1650	rBV6	1166	1049	0.01%	0.003%
32	6.537	1679	1694	1714	rVV	595262	1120533	15.34%	3.729%
33	6.688	1724	1741	1758	rBV	293381	574449	7.86%	1.912%
34	6.787	1759	1772	1791	rVV	233526	449030	6.15%	1.494%
35	6.906	1807	1809	1816	rVB7	1295	1175	0.02%	0.004%
36	7.103	1857	1870	1883	rBV	100362	184701	2.53%	0.615%

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
X3E90

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_U\Method\SFAMULM020823WMA.M
Title : VOC Analysis

37	7.215	1894	1905	1923	rVB2	17298	35189	0.48%	0.117%
38	7.315	1930	1936	1941	rBV8	983	1179	0.02%	0.004%
39	7.366	1947	1952	1954	rBV5	1263	1075	0.01%	0.004%
40	7.427	1966	1971	1973	rBV6	1793	1764	0.02%	0.006%
41	7.504	1990	1995	1997	rBV5	1691	1226	0.02%	0.004%
42	7.562	2001	2013	2019	rVV	203821	347821	4.76%	1.158%
43	7.604	2020	2026	2043	rVB	173422	287813	3.94%	0.958%
44	7.710	2051	2059	2075	rVB	28790	50629	0.69%	0.168%
45	7.894	2103	2116	2135	rVV	650509	1121293	15.35%	3.732%
46	7.961	2135	2137	2146	rVB8	2679	3880	0.05%	0.013%
47	8.176	2192	2204	2207	rBV	148409	222362	3.04%	0.740%
48	8.395	2260	2272	2291	rBV	197432	341278	4.67%	1.136%
49	8.549	2307	2320	2335	rBV	633283	1058816	14.49%	3.524%
50	8.633	2335	2346	2375	rVB2	280177	534284	7.31%	1.778%
51	8.803	2388	2399	2414	rVB	192539	328434	4.50%	1.093%
52	8.919	2424	2435	2448	rBV	127525	211812	2.90%	0.705%
53	9.054	2473	2477	2481	rVV7	1743	1460	0.02%	0.005%
54	9.151	2501	2507	2513	rBV9	2197	3495	0.05%	0.012%
55	9.244	2534	2536	2546	rVB9	1849	2146	0.03%	0.007%
56	9.350	2562	2569	2574	rBV8	2175	2523	0.03%	0.008%
57	9.414	2575	2589	2609	rVV	511370	854228	11.69%	2.843%
58	9.530	2613	2625	2645	rVB	492418	802768	10.99%	2.672%
59	9.639	2656	2659	2664	rBV6	1285	1105	0.02%	0.004%
60	9.668	2664	2668	2670	rBV5	1610	1138	0.02%	0.004%
61	9.694	2671	2676	2677	rBV4	2812	2391	0.03%	0.008%
62	9.762	2693	2697	2703	rVB7	1463	1595	0.02%	0.005%
63	9.803	2704	2710	2712	rVB6	1053	976	0.01%	0.003%
64	9.906	2737	2742	2747	rVB7	1645	1608	0.02%	0.005%
65	9.955	2754	2757	2762	rVB7	1293	1215	0.02%	0.004%
66	9.990	2762	2768	2771	rBV9	1148	1317	0.02%	0.004%
67	10.096	2797	2801	2803	rVV5	2749	2305	0.03%	0.008%
68	10.115	2803	2807	2817	rVV10	5062	6930	0.09%	0.023%
69	10.157	2818	2820	2826	rVB7	1359	1091	0.01%	0.004%
70	10.286	2846	2860	2875	rBV	213779	358983	4.91%	1.195%
71	10.485	2914	2922	2932	rVV4	5253	8914	0.12%	0.030%
72	10.565	2944	2947	2950	rBV4	1929	1237	0.02%	0.004%
73	10.601	2954	2958	2963	rBV7	1712	1620	0.02%	0.005%
74	10.752	2993	3005	3010	rBV	468392	779343	10.67%	2.594%
75	10.832	3028	3030	3037	rVB8	1992	1613	0.02%	0.005%
76	11.057	3097	3100	3103	rBV5	1501	1261	0.02%	0.004%

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Instrument :
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ClientSampleId :
X3E90

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

77	11.090	3105	3110	3113	rBV5	2643	3022	0.04%	0.010%
78	11.279	3164	3169	3171	rBV5	3849	3402	0.05%	0.011%
79	11.463	3215	3226	3243	rVB	804517	1223203	16.74%	4.071%
80	11.559	3252	3256	3259	rBV5	1269	1021	0.01%	0.003%
81	11.684	3290	3295	3298	rBV7	1261	1408	0.02%	0.005%
82	11.742	3304	3313	3322	rBV5	6035	10602	0.15%	0.035%
83	11.807	3322	3333	3355	rVV	587660	924143	12.65%	3.076%
84	11.942	3372	3375	3381	rVB7	1203	1344	0.02%	0.004%
85	12.189	3438	3452	3469	rBV	643052	1044309	14.29%	3.476%
86	12.372	3505	3509	3511	rBV5	1434	1007	0.01%	0.003%
87	12.469	3533	3539	3542	rBV7	2583	2788	0.04%	0.009%
88	12.569	3568	3570	3575	rVB5	1651	1012	0.01%	0.003%
89	12.636	3588	3591	3596	rBV6	1680	1901	0.03%	0.006%
90	12.675	3601	3603	3608	rBV5	1141	1177	0.02%	0.004%
91	12.993	3690	3702	3716	rBV	144527	234171	3.20%	0.779%
92	13.221	3758	3773	3782	rBV4	11332	20846	0.29%	0.069%
93	13.385	3821	3824	3828	rVB5	1637	1368	0.02%	0.005%
94	13.504	3854	3861	3863	rBV7	1389	1505	0.02%	0.005%
95	13.597	3887	3890	3892	rBV4	1420	1059	0.01%	0.004%
96	13.839	3956	3965	3978	rBV2	23346	38399	0.53%	0.128%
97	13.948	3996	3999	4001	rBV4	1955	1227	0.02%	0.004%
98	14.269	4095	4099	4103	rBV6	1954	1652	0.02%	0.005%
99	14.327	4110	4117	4127	rVB2	18309	26086	0.36%	0.087%
100	14.665	4219	4222	4226	rBV5	1582	1315	0.02%	0.004%

Sum of corrected areas: 30047029

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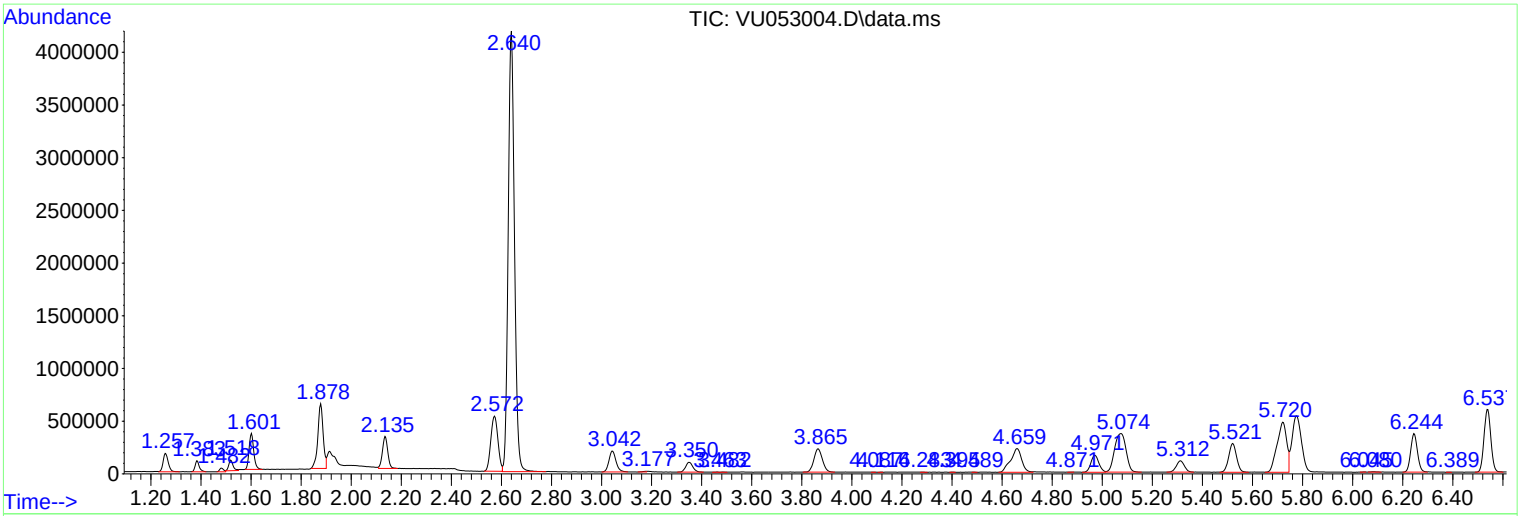
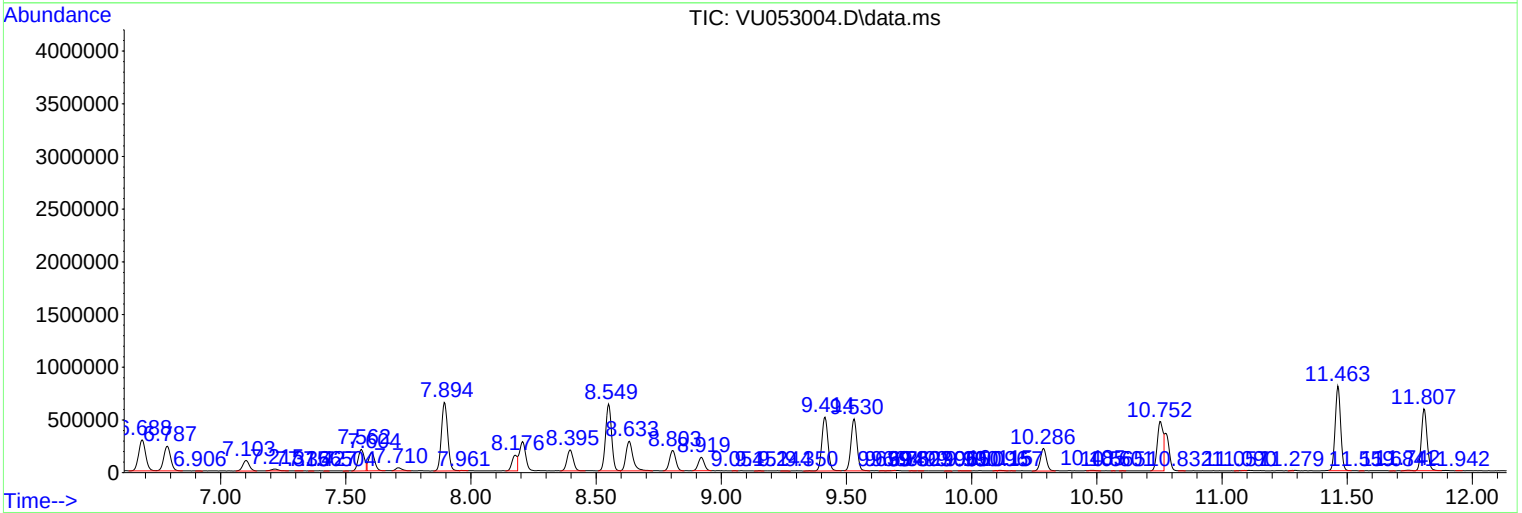
ALS Vial : 13 Sample Multiplier: 1

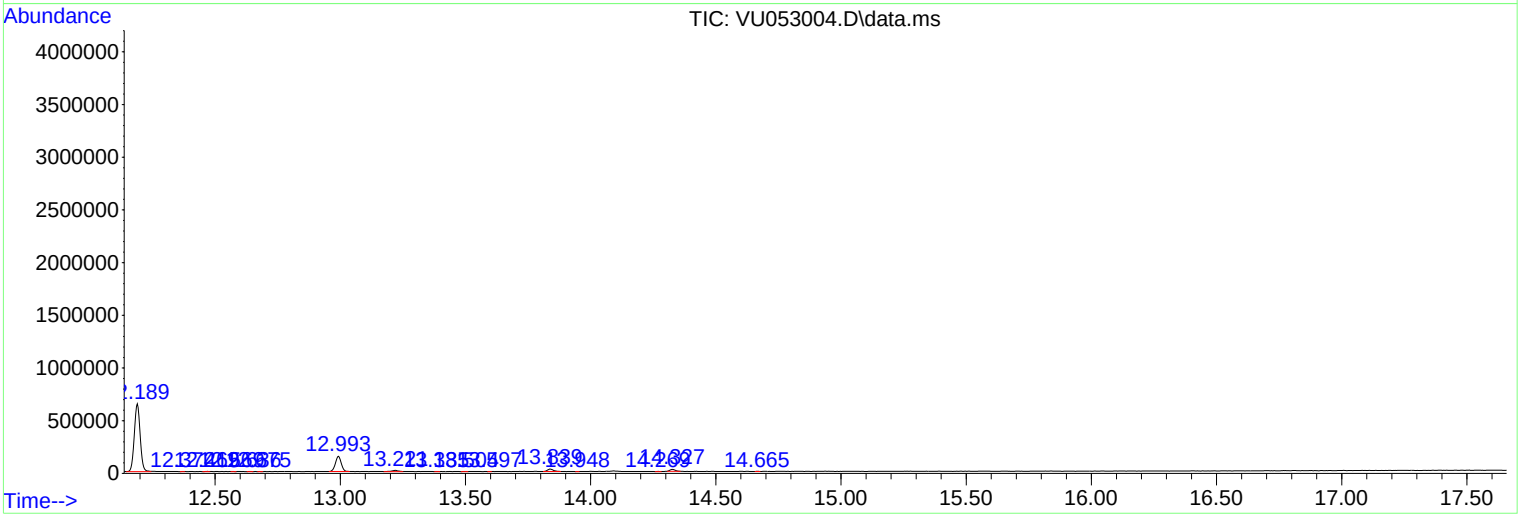
Instrument :
MSVOA_U
ClientSampleId :
X3E90

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

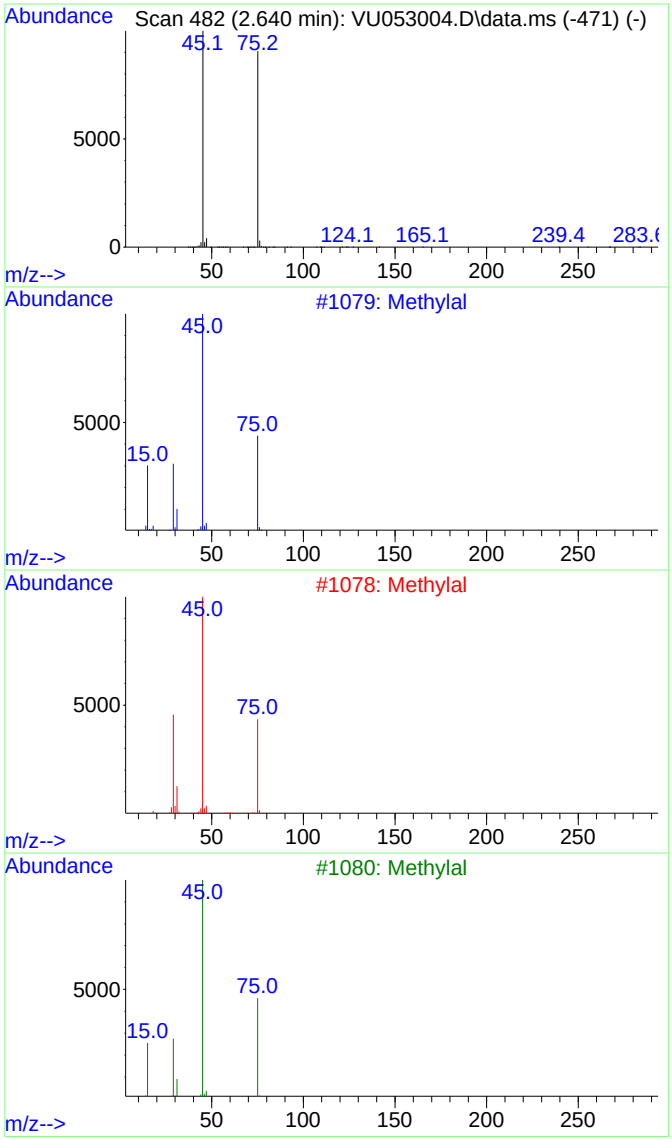
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

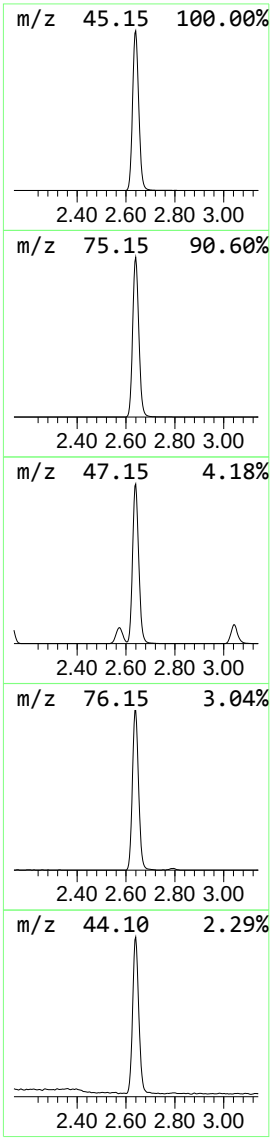
****

Peak Number 2 Methylal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.640	530.26 ug/L	7306490	1,4-Difluorobenzene	6.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	83
2	Methylal	76	C3H8O2	000109-87-5	83
3	Methylal	76	C3H8O2	000109-87-5	83
4	Formamide, N-methylthio	75	C2H5NS	018952-41-5	7
5	Ethanethioamide	75	C2H5NS	000062-55-5	5





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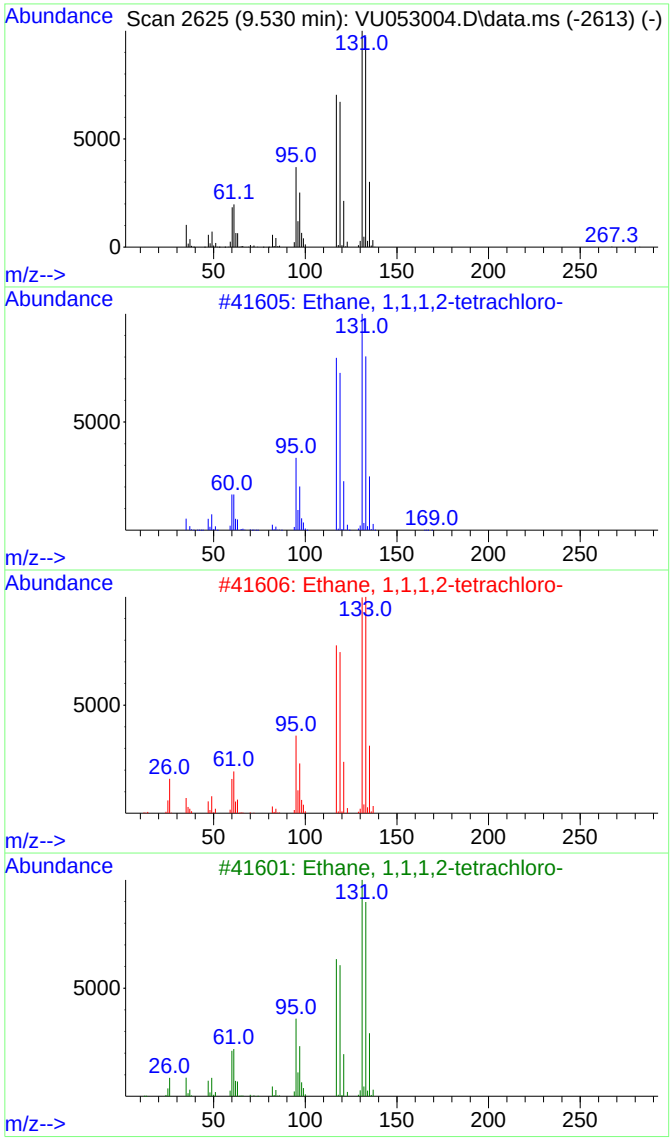
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

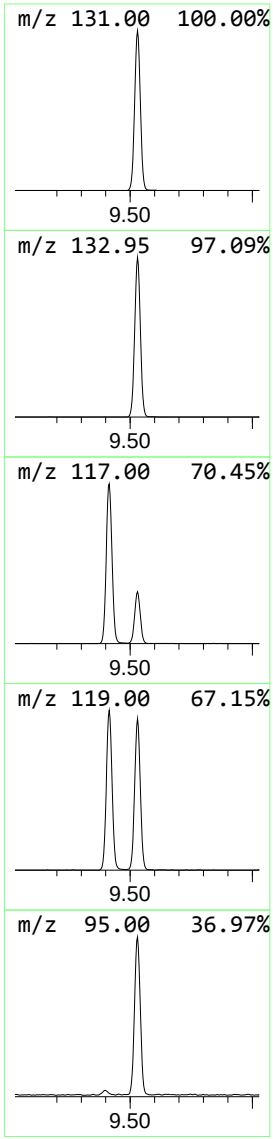
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	46.99 ug/L	802768	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86
5	Clorethate	322	C5H4Cl6O3	005634-37-7	64





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
Methylal	2.640	530.3	ug/L	7306490	1	6.244	688952	50.0
Ethane, 1,1,1,2...	9.530	47.0	ug/L	802768	2	9.414	854228	50.0