

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034144.D
 Acq On : 13 Feb 2023 16:14
 Operator : JC/MD
 Sample : 01443-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 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_X\Method\SFAMXML021323WMA.M
 Title : VOC Analysis

Signal : TIC: VX034144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.167	9	13	25	rBV	52565	63737	2.92%	0.611%
2	1.258	25	28	31	rVV	14667	14709	0.67%	0.141%
3	1.295	31	34	43	rVB	18767	26854	1.23%	0.257%
4	1.374	43	47	60	rVB2	70865	94951	4.36%	0.910%
5	1.563	72	78	79	rBV2	1156	1725	0.08%	0.017%
6	1.599	80	84	86	rBV	18656	20823	0.96%	0.200%
7	1.630	86	89	95	rVV	123586	162095	7.44%	1.554%
8	1.880	125	130	145	rVB	86261	130053	5.97%	1.247%
9	2.313	193	201	208	rBV4	140543	312015	14.31%	2.991%
10	2.386	208	213	229	rVB	1389656	2180087	100.00%	20.899%
11	2.703	258	265	270	rBB	441	672	0.03%	0.006%
12	2.788	271	279	299	rBV	58089	126539	5.80%	1.213%
13	3.087	322	328	340	rBB	36437	70487	3.23%	0.676%
14	3.599	404	412	426	rBV	77436	180113	8.26%	1.727%
15	4.477	543	556	573	rBV2	70826	234874	10.77%	2.252%
16	4.593	573	575	577	rVV	268	224	0.01%	0.002%
17	4.629	579	581	585	rVB	150	213	0.01%	0.002%
18	4.898	614	625	638	rBV2	47419	136102	6.24%	1.305%
19	5.080	639	655	672	rVB4	105541	456892	20.96%	4.380%
20	5.251	680	683	686	rVB4	135	154	0.01%	0.001%
21	5.282	686	688	691	rBB4	130	144	0.01%	0.001%
22	5.379	691	704	717	rBB	35379	107341	4.92%	1.029%
23	5.544	725	731	741	rBV3	899	2423	0.11%	0.023%
24	5.672	741	752	769	rVB	93034	275713	12.65%	2.643%
25	5.964	788	800	806	rBV2	133358	396162	18.17%	3.798%
26	6.513	885	890	898	rBB3	678	1756	0.08%	0.017%
27	6.757	919	930	944	rBV	118133	280877	12.88%	2.693%
28	7.031	971	975	977	rBV	138	136	0.01%	0.001%
29	7.123	981	990	1005	rBV	237415	518809	23.80%	4.974%
30	7.306	1011	1020	1031	rBV	100240	218128	10.01%	2.091%
31	7.428	1032	1040	1053	rVB	97839	206784	9.49%	1.982%
32	7.818	1097	1104	1117	rBB	37576	72389	3.32%	0.694%
33	7.964	1120	1128	1137	rBV	6783	13194	0.61%	0.126%
34	8.171	1159	1162	1164	rBB	143	137	0.01%	0.001%
35	8.324	1180	1187	1190	rBV	72723	118641	5.44%	1.137%
36	8.366	1190	1194	1206	rVB	74903	123990	5.69%	1.189%

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37	8.494	1208	1215	1224	rBV	12397	21770	1.00%	0.209%
38	8.647	1233	1240	1249	rBV	273961	419851	19.26%	4.025%
39	8.866	1274	1276	1278	rVB	176	130	0.01%	0.001%
40	8.891	1279	1280	1284	rBV	176	168	0.01%	0.002%
41	8.946	1284	1289	1291	rBV	56302	79359	3.64%	0.761%
42	8.976	1291	1294	1306	rVV	134120	186137	8.54%	1.784%
43	9.061	1306	1308	1311	rVB2	199	224	0.01%	0.002%
44	9.098	1311	1314	1316	rBV	242	261	0.01%	0.003%
45	9.147	1317	1322	1333	rBV	97328	144303	6.62%	1.383%
46	9.269	1336	1342	1355	rVV	365995	540709	24.80%	5.183%
47	9.385	1355	1361	1377	rVV	135895	202251	9.28%	1.939%
48	9.519	1377	1383	1392	rVV	95185	133897	6.14%	1.284%
49	9.610	1392	1398	1408	rVB	59620	87541	4.02%	0.839%
50	9.824	1429	1433	1435	rBV2	142	190	0.01%	0.002%
51	10.055	1465	1471	1482	rVV	253254	357235	16.39%	3.425%
52	10.159	1482	1488	1499	rVV	254394	352979	16.19%	3.384%
53	10.305	1507	1512	1516	rBB2	499	670	0.03%	0.006%
54	10.512	1544	1546	1548	rVB	140	127	0.01%	0.001%
55	10.579	1554	1557	1559	rBV	187	182	0.01%	0.002%
56	10.647	1565	1568	1569	rBV	300	301	0.01%	0.003%
57	10.799	1587	1593	1601	rVV	104061	133210	6.11%	1.277%
58	10.964	1615	1620	1626	rBV2	484	757	0.03%	0.007%
59	11.110	1641	1644	1646	rBV	97	136	0.01%	0.001%
60	11.189	1652	1657	1658	rBV	189343	189779	8.71%	1.819%
61	11.317	1673	1678	1681	rBV2	1922	2685	0.12%	0.026%
62	11.396	1688	1691	1694	rBB	202	159	0.01%	0.002%
63	11.451	1695	1700	1704	rBV	891	1198	0.05%	0.011%
64	11.616	1724	1727	1730	rBB	946	975	0.04%	0.009%
65	11.750	1744	1749	1762	rVB	325908	379016	17.39%	3.633%
66	11.860	1766	1767	1771	rBV	175	258	0.01%	0.002%
67	11.890	1771	1772	1776	rVB	216	175	0.01%	0.002%
68	11.969	1783	1785	1788	rBB	579	491	0.02%	0.005%
69	12.024	1788	1794	1802	rBV	200577	261600	12.00%	2.508%
70	12.091	1803	1805	1808	rVB2	338	295	0.01%	0.003%
71	12.317	1837	1842	1856	rBB	225678	289330	13.27%	2.774%
72	12.762	1911	1915	1919	rBB2	2149	2667	0.12%	0.026%
73	12.945	1940	1945	1953	rVB	62742	77341	3.55%	0.741%
74	13.116	1970	1973	1979	rBB	1493	1671	0.08%	0.016%
75	13.591	2047	2051	2054	rBV	427	471	0.02%	0.005%
76	13.780	2076	2082	2086	rBB	274	481	0.02%	0.005%

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77	13.902	2101	2102	2105	rBV	168	202	0.01%	0.002%
78	13.963	2108	2112	2117	rVV	2087	2352	0.11%	0.023%
79	14.085	2129	2132	2135	rVV2	98	155	0.01%	0.001%
80	14.134	2135	2140	2144	rVB2	1600	2244	0.10%	0.022%
81	14.182	2144	2148	2150	rVB2	114	140	0.01%	0.001%
82	14.243	2155	2158	2159	rBB2	205	140	0.01%	0.001%
83	14.262	2159	2161	2163	rBV	170	147	0.01%	0.001%
84	14.304	2166	2168	2171	rBB	243	188	0.01%	0.002%
85	14.353	2171	2176	2177	rBV	214	254	0.01%	0.002%
86	14.493	2198	2199	2203	rBV2	143	196	0.01%	0.002%
87	14.542	2205	2207	2212	rBV2	235	392	0.02%	0.004%
88	14.597	2214	2216	2218	rBV2	171	137	0.01%	0.001%
89	14.628	2218	2221	2224	rBB	157	214	0.01%	0.002%
90	14.658	2224	2226	2227	rBV	215	131	0.01%	0.001%
91	15.134	2302	2304	2307	rVB	204	203	0.01%	0.002%
92	15.390	2342	2346	2350	rBV4	911	1543	0.07%	0.015%
93	15.524	2366	2368	2369	rBV2	216	173	0.01%	0.002%
94	15.725	2399	2401	2402	rBV	237	206	0.01%	0.002%
95	16.078	2458	2459	2461	rBV	226	207	0.01%	0.002%
96	16.127	2465	2467	2471	rVB2	263	318	0.01%	0.003%
97	16.170	2472	2474	2475	rVV	362	203	0.01%	0.002%
98	16.188	2475	2477	2480	rVV2	290	281	0.01%	0.003%
99	16.219	2480	2482	2484	rVB	229	149	0.01%	0.001%
100	16.298	2490	2495	2496	rBV3	213	359	0.02%	0.003%

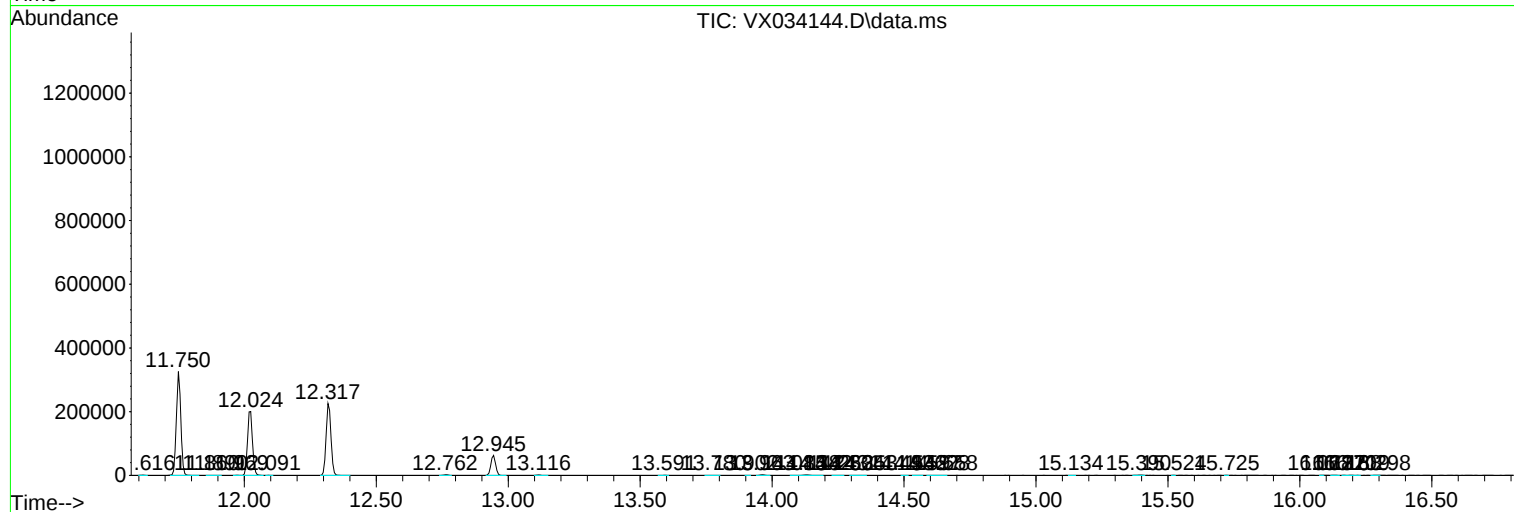
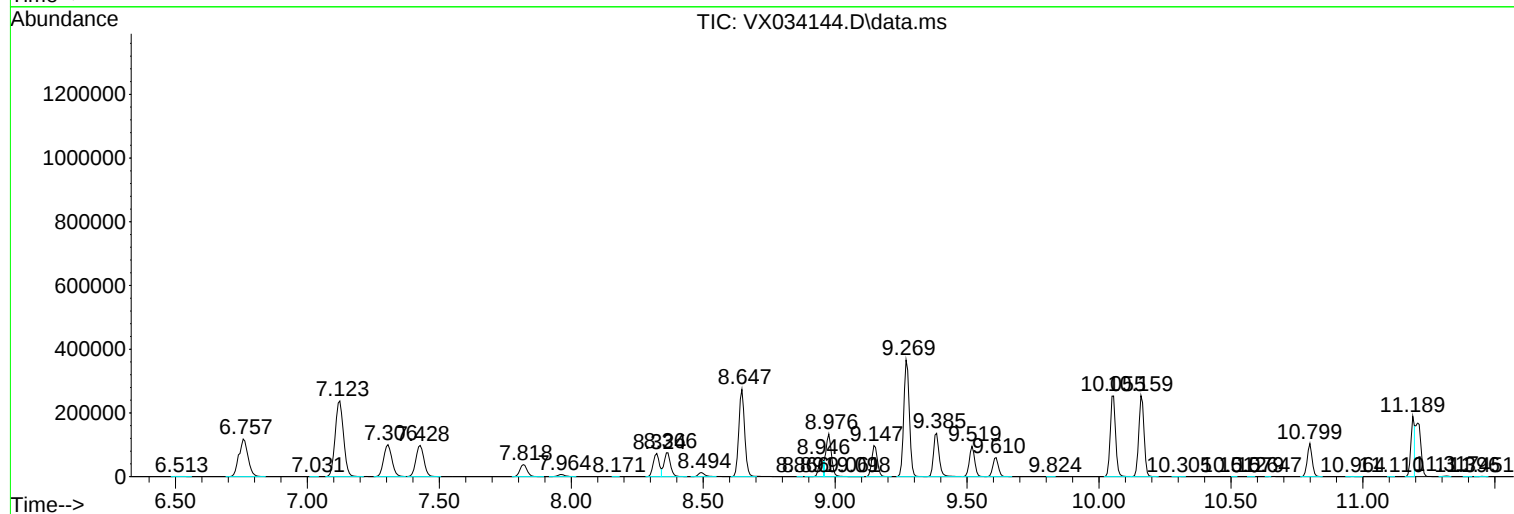
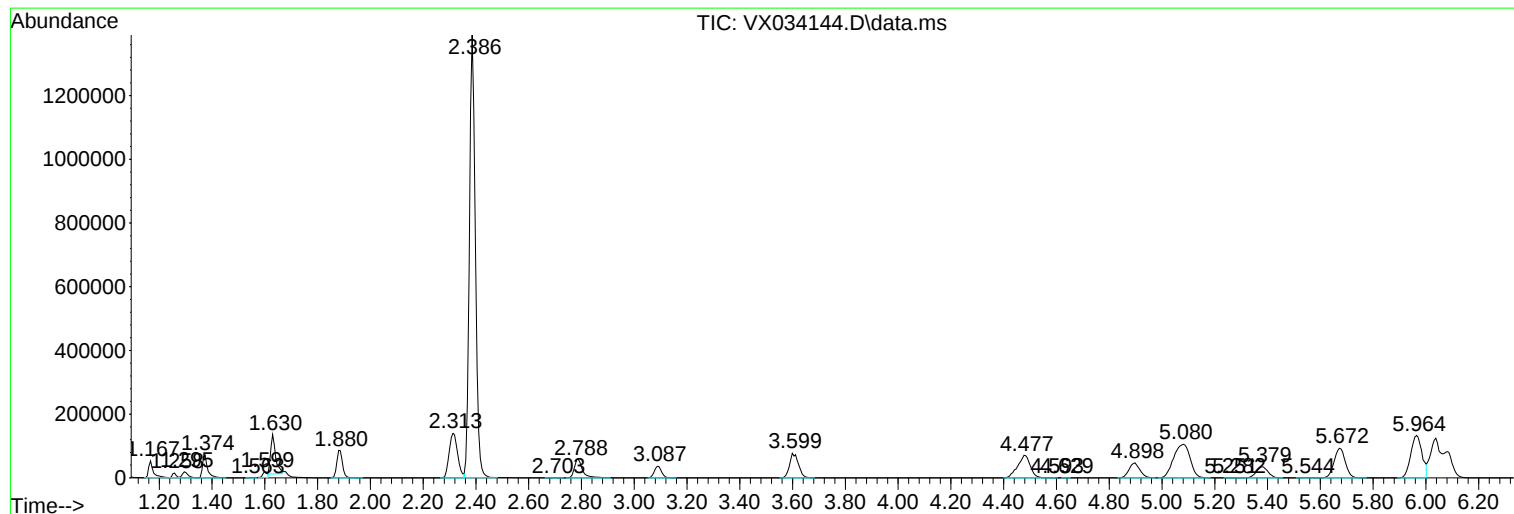
Sum of corrected areas: 10431457

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
Quant Title : VOC Analysis

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



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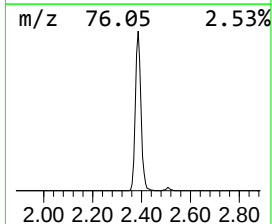
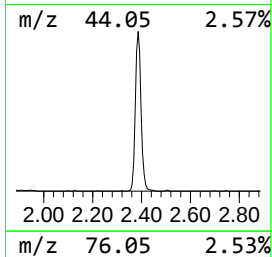
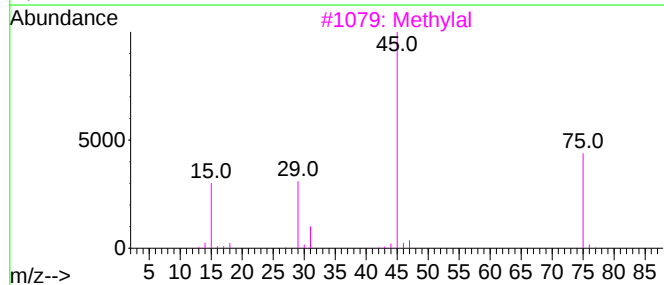
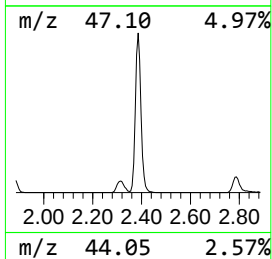
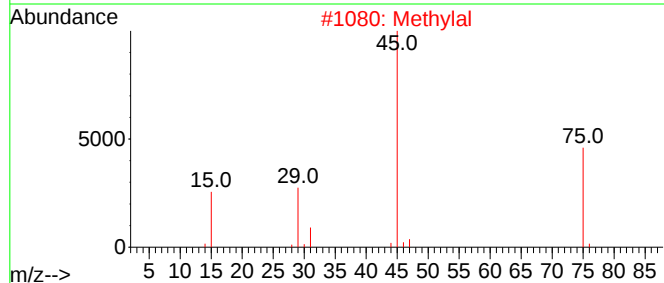
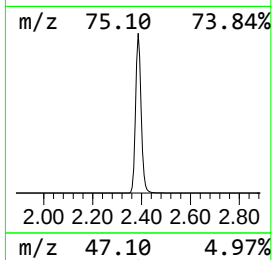
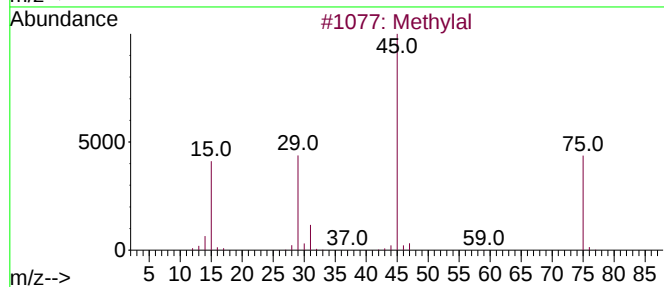
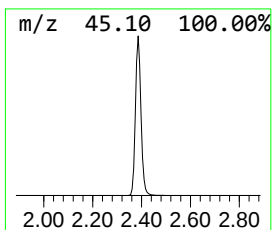
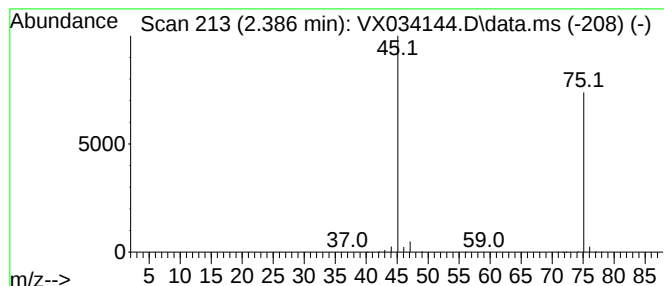
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021323WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Methylal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.386	388.09 ug/L	2180090	1,4-Difluorobenzene	6.757

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	Methylal			76	C3H8O2	000109-87-5	53
5	Methanamine, N,N-dimethyl-, N-oxide			75	C3H9NO	001184-78-7	9



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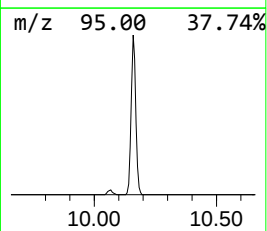
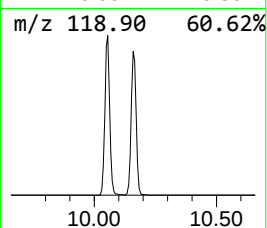
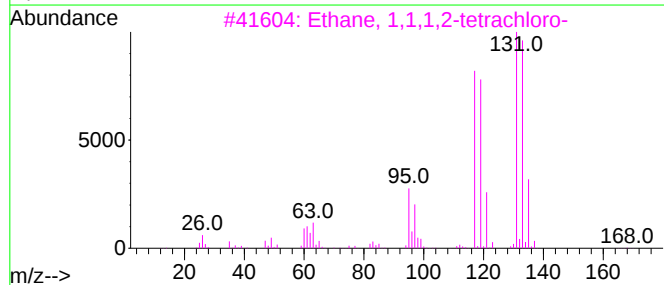
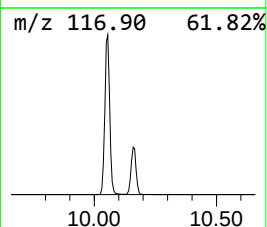
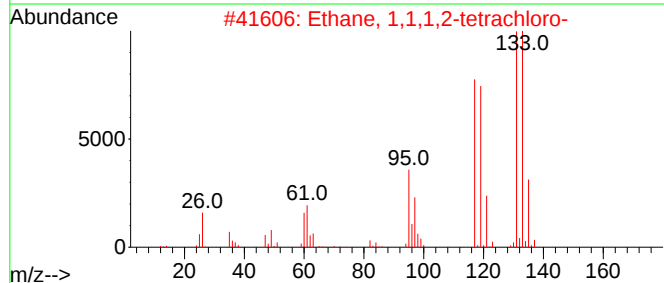
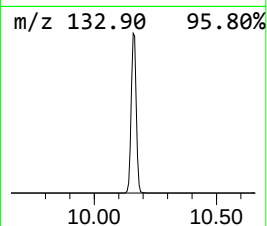
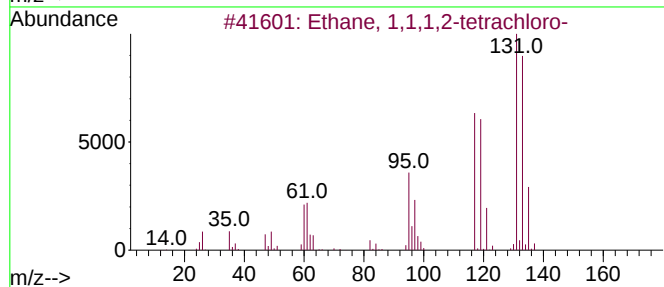
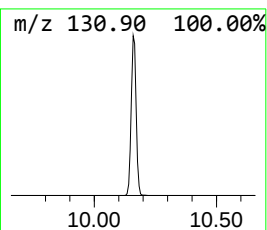
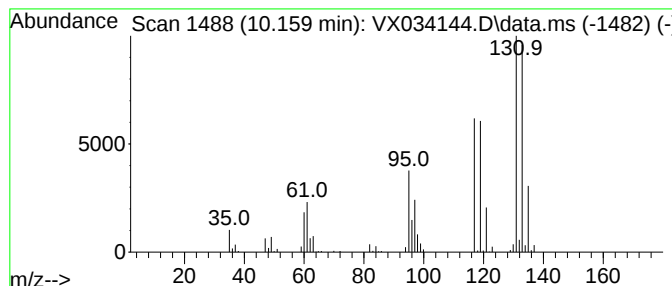
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.159	49.40 ug/L	352979	Chlorobenzene-d5	10.055

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	72
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
5			Glutaric acid, monochloride, 3-m...	220	C10H17ClO3	1000359-72-9	10



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methylal	2.386	388.1	ug/L	2180090	1	6.757	280877	50.0
Ethane, 1,1,1,2...	10.159	49.4	ug/L	352979	2	10.055	357235	50.0