

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
 Data File : VU026707.D
 Acq On : 12 Sep 2018 17:19
 Operator : MD/SY
 Sample : J4868-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3M7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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	1.202	3	9	26	rVB	79236	81461	9.15%	0.538%
2	1.289	31	36	42	rVV	19403	19108	2.15%	0.126%
3	1.328	42	48	61	rVB	73926	85557	9.61%	0.565%
4	1.398	62	70	88	rVB2	262670	288024	32.36%	1.903%
5	1.604	128	134	143	rVB	57373	55271	6.21%	0.365%
6	1.659	144	151	155	rBV	82121	104450	11.73%	0.690%
7	1.874	207	218	234	rBV	180423	252827	28.40%	1.670%
8	2.273	328	342	357	rBV5	454979	837338	94.07%	5.531%
9	2.405	376	383	389	rBV2	1116	1474	0.17%	0.010%
10	2.459	390	400	414	rVV2	9633	16883	1.90%	0.112%
11	2.623	440	451	462	rVB5	1142	2471	0.28%	0.016%
12	2.697	462	474	497	rBV	147720	269972	30.33%	1.783%
13	2.842	506	519	534	rVV2	4617	10512	1.18%	0.069%
14	2.977	549	561	583	rVV	74049	135781	15.25%	0.897%
15	3.096	595	598	602	rVV	237	159	0.02%	0.001%
16	3.231	634	640	641	rBV2	178	159	0.02%	0.001%
17	3.302	655	662	668	rBV4	718	1086	0.12%	0.007%
18	3.443	689	706	731	rVB	162161	355211	39.91%	2.346%
19	3.672	771	777	781	rBV	202	153	0.02%	0.001%
20	3.710	786	789	795	rBV	235	219	0.02%	0.001%
21	3.836	823	828	832	rVB2	206	248	0.03%	0.002%
22	3.987	872	875	879	rVB2	205	178	0.02%	0.001%
23	4.022	883	886	890	rBV	207	176	0.02%	0.001%
24	4.180	919	935	940	rBV	83505	174346	19.59%	1.152%
25	4.405	1002	1005	1008	rBV2	219	155	0.02%	0.001%
26	4.421	1008	1010	1014	rVB	259	166	0.02%	0.001%
27	4.482	1025	1029	1031	rBV	183	173	0.02%	0.001%
28	4.549	1034	1050	1066	rBV	97611	226739	25.47%	1.498%
29	4.665	1066	1086	1117	rVB4	213130	705281	79.24%	4.659%
30	4.916	1146	1164	1181	rBV2	59684	143313	16.10%	0.947%
31	4.993	1186	1188	1195	rVB2	396	241	0.03%	0.002%
32	5.135	1215	1232	1256	rVB	168884	392502	44.10%	2.593%
33	5.228	1256	1261	1266	rBV	180	226	0.03%	0.001%
34	5.340	1271	1296	1304	rBV2	278553	824556	92.64%	5.447%

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35	5.395	1306	1313	1348	rVV3	397031	890086	100.00%	5.880%
36	5.713	1403	1412	1422	rVB2	1780	2915	0.33%	0.019%
37	5.887	1450	1466	1491	rBV	279393	538803	60.53%	3.559%
38	6.016	1503	1506	1513	rVB2	261	282	0.03%	0.002%
39	6.048	1513	1516	1522	rVB	258	171	0.02%	0.001%
40	6.186	1544	1559	1584	rVV	354686	675128	75.85%	4.460%
41	6.273	1584	1586	1590	rVV2	399	282	0.03%	0.002%
42	6.334	1590	1605	1623	rVV	190165	379453	42.63%	2.507%
43	6.434	1623	1636	1656	rVB	164706	318238	35.75%	2.102%
44	6.758	1724	1737	1756	rVV	61784	114868	12.91%	0.759%
45	6.855	1762	1767	1768	rVV	709	509	0.06%	0.003%
46	6.887	1768	1777	1793	rVV2	5464	10616	1.19%	0.070%
47	7.102	1841	1844	1851	rBV	237	239	0.03%	0.002%
48	7.231	1870	1884	1890	rBV	112333	194305	21.83%	1.284%
49	7.270	1891	1896	1918	rVB	102997	171453	19.26%	1.133%
50	7.389	1923	1933	1949	rVV3	12506	22822	2.56%	0.151%
51	7.446	1949	1951	1956	rVB2	295	216	0.02%	0.001%
52	7.565	1974	1988	2006	rBV	374456	649774	73.00%	4.292%
53	7.797	2054	2060	2065	rBV	261	203	0.02%	0.001%
54	7.852	2065	2077	2079	rBV	86284	109345	12.28%	0.722%
55	7.880	2081	2086	2109	rVB	205961	324344	36.44%	2.143%
56	7.983	2115	2118	2121	rBV3	512	349	0.04%	0.002%
57	8.070	2133	2145	2163	rVB	126330	213665	24.00%	1.411%
58	8.144	2164	2168	2169	rBV2	268	198	0.02%	0.001%
59	8.183	2170	2180	2182	rBV2	4346	5836	0.66%	0.039%
60	8.228	2182	2194	2210	rVV	385324	644659	72.43%	4.259%
61	8.315	2210	2221	2248	rVB	285652	473908	53.24%	3.131%
62	8.479	2260	2272	2288	rVB	131224	219224	24.63%	1.448%
63	8.540	2288	2291	2294	rVB2	344	210	0.02%	0.001%
64	8.588	2294	2306	2332	rVB	73482	125350	14.08%	0.828%
65	8.726	2343	2349	2352	rBV	333	205	0.02%	0.001%
66	8.919	2404	2409	2416	rBV	422	535	0.06%	0.004%
67	9.093	2450	2463	2486	rBV	396052	644025	72.36%	4.254%
68	9.212	2487	2500	2524	rVB	283833	474979	53.36%	3.138%
69	9.379	2548	2552	2553	rBV	385	234	0.03%	0.002%
70	9.408	2558	2561	2565	rBV2	233	170	0.02%	0.001%
71	9.530	2596	2599	2603	rBV	179	171	0.02%	0.001%

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72	9.777	2673	2676	2679	rVV	354	252	0.03%	0.002%
73	9.961	2721	2733	2747	rBV	148270	241555	27.14%	1.596%
74	10.163	2793	2796	2798	rBV2	231	164	0.02%	0.001%
75	10.321	2840	2845	2847	rBV2	377	236	0.03%	0.002%
76	10.437	2868	2881	2886	rBV	299980	538292	60.48%	3.556%
77	10.533	2908	2911	2915	rBV2	299	243	0.03%	0.002%
78	10.610	2928	2935	2948	rVV4	1831	2734	0.31%	0.018%
79	10.774	2977	2986	2992	rBV3	750	1242	0.14%	0.008%
80	10.977	3040	3049	3055	rBV3	1262	1952	0.22%	0.013%
81	11.109	3082	3090	3092	rBV3	1328	1674	0.19%	0.011%
82	11.150	3092	3103	3121	rVB	498316	733278	82.38%	4.844%
83	11.295	3138	3148	3152	rBV3	513	641	0.07%	0.004%
84	11.427	3187	3189	3193	rVB2	552	338	0.04%	0.002%
85	11.485	3193	3207	3225	rBV	413419	642401	72.17%	4.244%
86	11.572	3231	3234	3240	rVB3	717	786	0.09%	0.005%
87	11.610	3244	3246	3251	rVB	411	229	0.03%	0.002%
88	11.861	3310	3324	3343	rBV	395767	625119	70.23%	4.129%
89	11.993	3362	3365	3372	rVB2	380	450	0.05%	0.003%
90	12.028	3373	3376	3378	rBV2	236	181	0.02%	0.001%
91	12.234	3438	3440	3446	rVB	306	214	0.02%	0.001%
92	12.488	3510	3519	3523	rVV3	705	1165	0.13%	0.008%
93	12.539	3532	3535	3538	rVB2	320	182	0.02%	0.001%
94	12.658	3560	3572	3588	rBV	95653	149119	16.75%	0.985%
95	12.999	3676	3678	3682	rVB3	393	233	0.03%	0.002%
96	13.031	3682	3688	3690	rBV2	344	365	0.04%	0.002%
97	13.440	3811	3815	3817	rBV2	339	258	0.03%	0.002%
98	13.662	3882	3884	3887	rBV	269	156	0.02%	0.001%
99	13.716	3897	3901	3904	rBV3	250	271	0.03%	0.002%
100	14.260	4068	4070	4072	rBV2	394	225	0.03%	0.001%

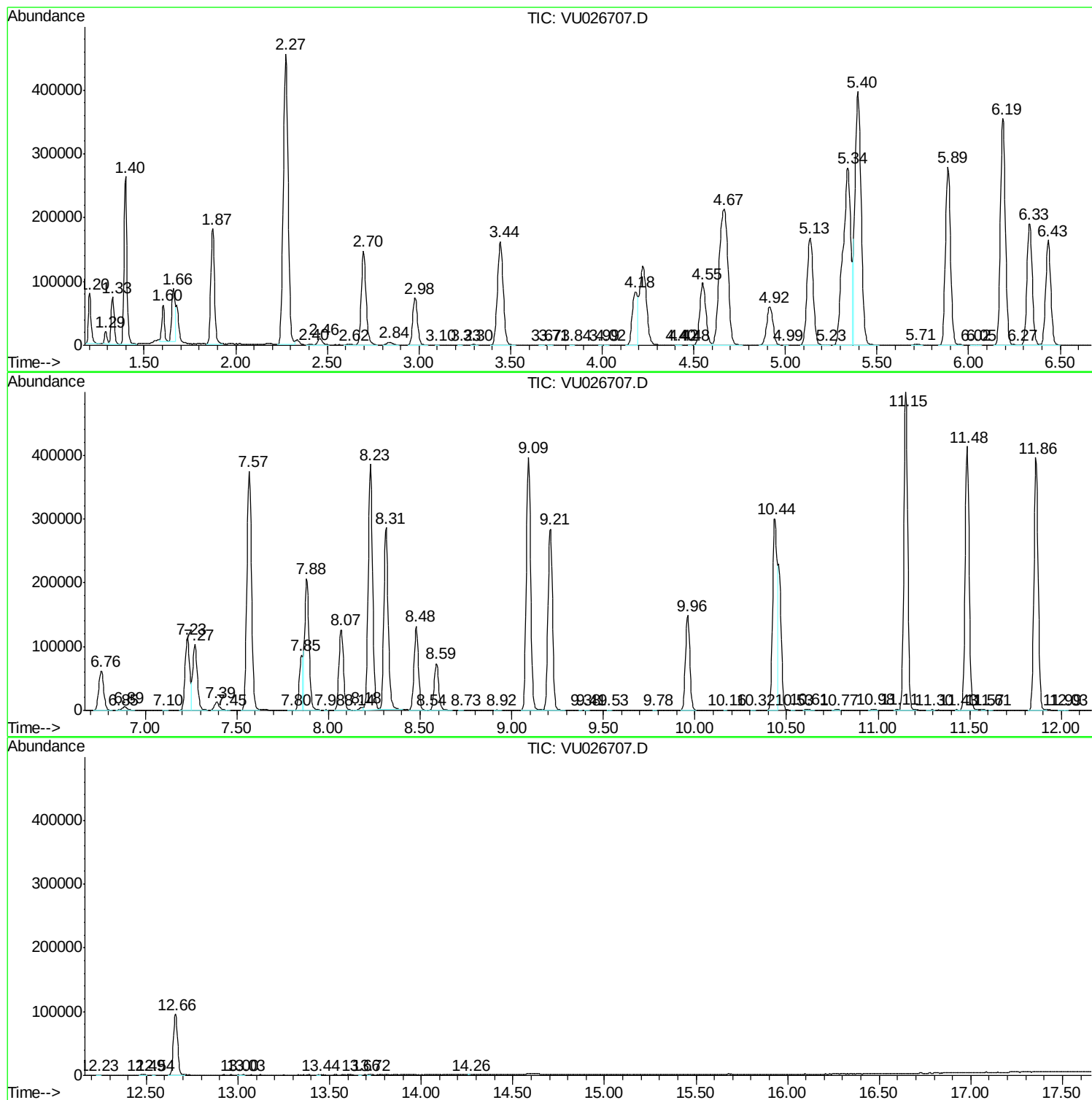
Sum of corrected areas: 15138141

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



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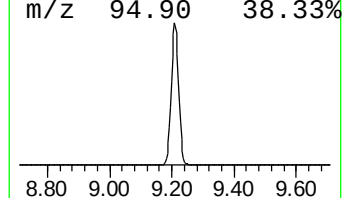
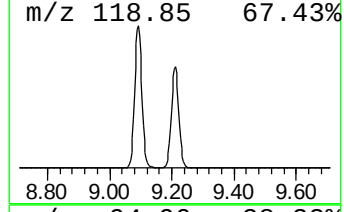
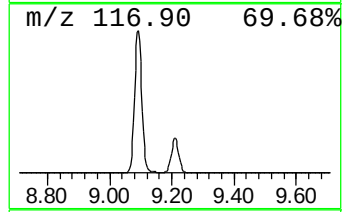
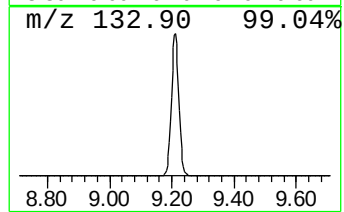
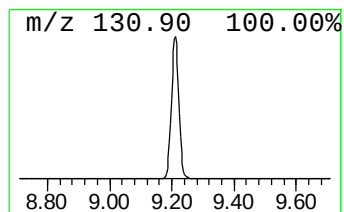
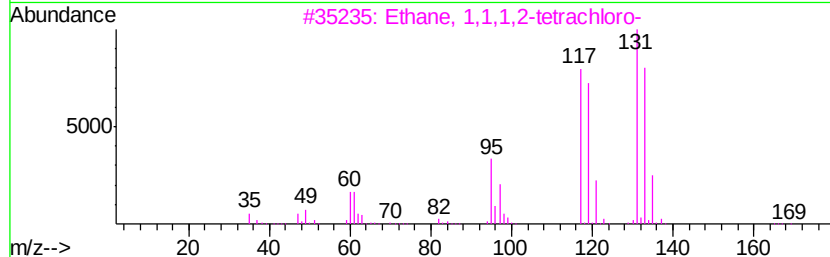
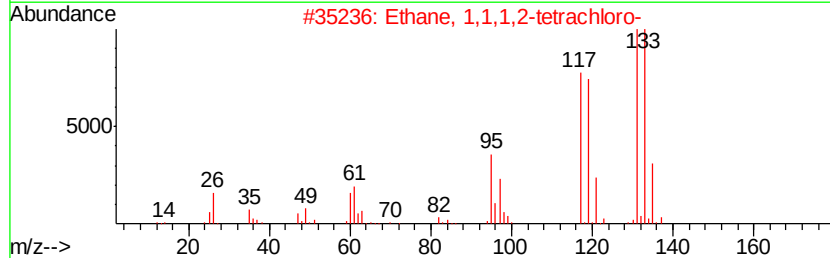
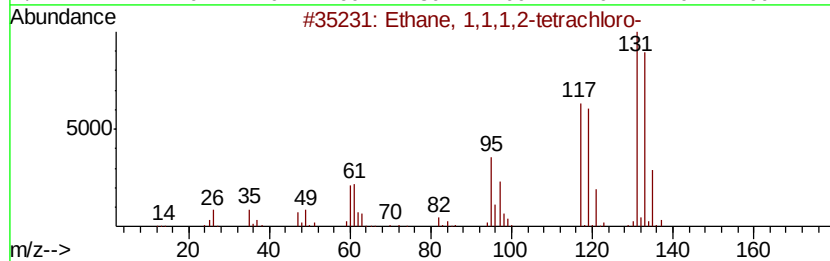
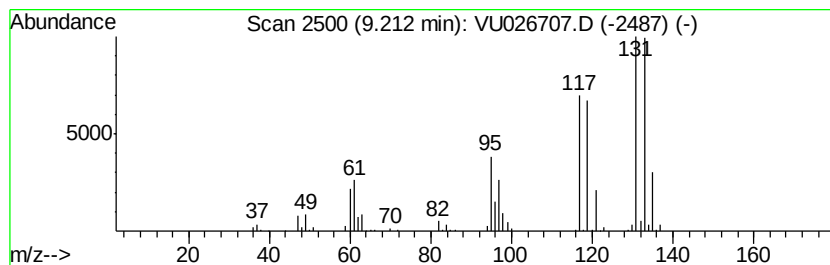
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	36.88 ug/L	474979	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	64
5		Glutaric acid, monochloride, 3-m...	220	C10H17ClO3	1000359-72-9	10



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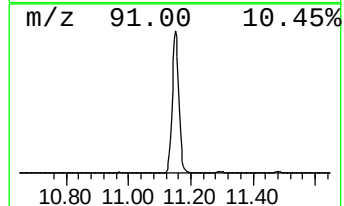
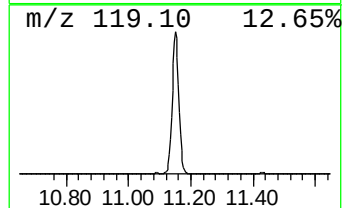
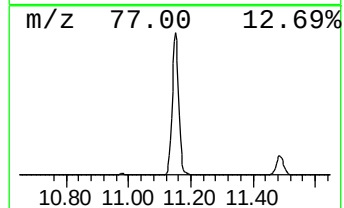
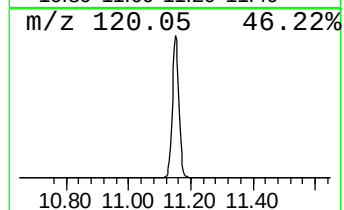
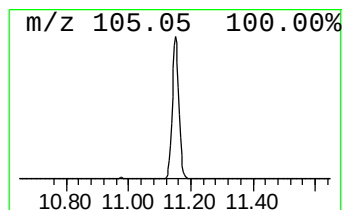
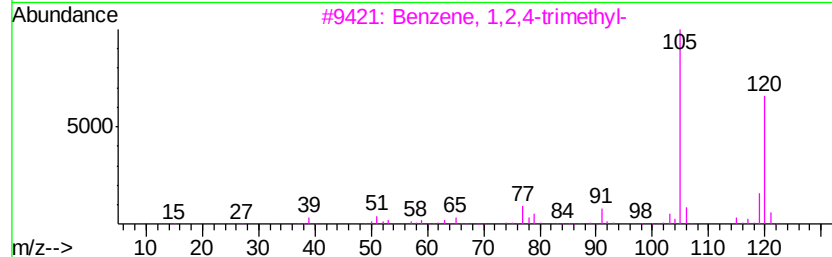
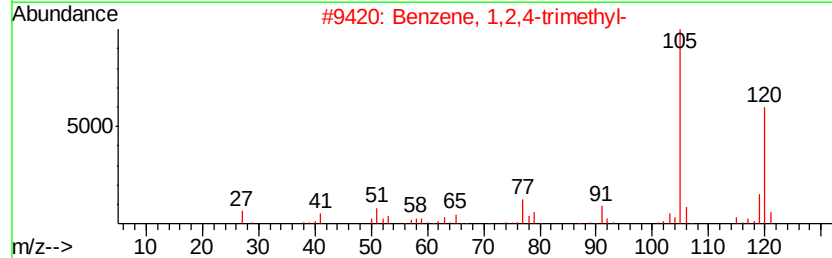
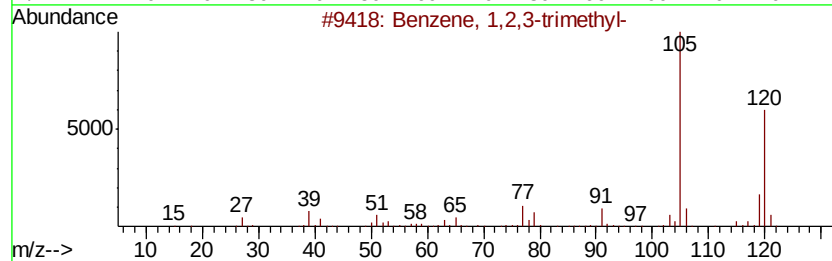
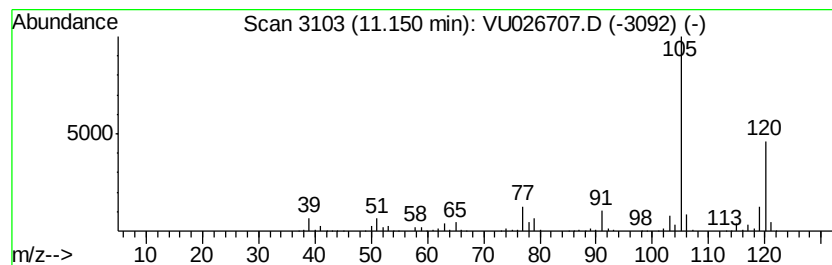
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	57.07 ug/L	733278	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1,1,2-t...	9.21	36.9	ug/L	474979	2	9.09	644025	50.0
Benzene, 1,2,4-tr...	11.15	57.1	ug/L	733278	3	11.48	642401	50.0