

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
 Data File : VU029780.D
 Acq On : 04 Mar 2019 13:14
 Operator : JC/SP
 Sample : K1657-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB636

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\SOMULM021519WMA.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	1.180	23	28	29	rBV	7180	5302	0.30%	0.018%
2	1.203	29	35	48	rVB	185875	180238	10.21%	0.614%
3	1.289	57	62	67	rBV	37505	35994	2.04%	0.123%
4	1.325	67	73	85	rVB	139072	147359	8.35%	0.502%
5	1.399	88	96	110	rBV2	517029	550756	31.19%	1.875%
6	1.605	154	160	166	rBV	111807	105815	5.99%	0.360%
7	1.659	171	177	181	rBV	145033	174830	9.90%	0.595%
8	1.875	234	244	262	rBV	384566	536004	30.36%	1.825%
9	2.273	355	368	381	rBV5	979563	1756918	99.51%	5.981%
10	2.598	466	469	470	rBV5	592	265	0.02%	0.001%
11	2.695	486	499	520	rBV	313524	556271	31.51%	1.894%
12	2.813	534	536	538	rVV2	479	254	0.01%	0.001%
13	2.881	554	557	561	rBV2	498	344	0.02%	0.001%
14	2.913	564	567	571	rVB	640	414	0.02%	0.001%
15	2.977	574	587	612	rBV	154912	292316	16.56%	0.995%
16	3.203	654	657	660	rVV2	347	301	0.02%	0.001%
17	3.370	704	709	710	rBV2	481	368	0.02%	0.001%
18	3.440	713	731	753	rVV	328661	734862	41.62%	2.502%
19	3.588	775	777	783	rVB3	525	471	0.03%	0.002%
20	3.621	783	787	789	rBV2	287	260	0.01%	0.001%
21	3.688	805	808	809	rBV	490	305	0.02%	0.001%
22	3.723	814	819	822	rVV	321	305	0.02%	0.001%
23	3.781	832	837	843	rVB3	477	464	0.03%	0.002%
24	3.836	850	854	857	rBV2	468	389	0.02%	0.001%
25	3.952	886	890	891	rBV	560	337	0.02%	0.001%
26	3.994	898	903	906	rBV2	301	283	0.02%	0.001%
27	4.045	913	919	923	rBV	533	655	0.04%	0.002%
28	4.174	946	959	963	rBV	144491	279306	15.82%	0.951%
29	4.543	1058	1074	1090	rBV2	209160	490634	27.79%	1.670%
30	4.659	1091	1110	1139	rVB4	438140	1427784	80.87%	4.861%
31	4.804	1152	1155	1160	rVB4	741	500	0.03%	0.002%
32	4.907	1170	1187	1211	rBV	128383	308104	17.45%	1.049%
33	5.128	1238	1256	1286	rBV	356173	833883	47.23%	2.839%
34	5.334	1296	1320	1327	rBV2	520714	1485022	84.11%	5.056%

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35	5.662	1418	1422	1425	rBV3	609	571	0.03%	0.002%
36	5.714	1428	1438	1453	rVB6	3910	7786	0.44%	0.027%
37	5.807	1465	1467	1471	rVB2	417	289	0.02%	0.001%
38	5.881	1471	1490	1526	rBV	498066	993925	56.29%	3.384%
39	6.180	1568	1583	1611	rVV	795887	1551680	87.89%	5.283%
40	6.325	1615	1628	1646	rVV	337788	676001	38.29%	2.301%
41	6.427	1648	1660	1683	rVB	313369	622978	35.28%	2.121%
42	6.579	1704	1707	1715	rVB4	862	1061	0.06%	0.004%
43	6.649	1726	1729	1738	rVB3	572	712	0.04%	0.002%
44	6.752	1747	1761	1778	rBV2	126741	244699	13.86%	0.833%
45	6.887	1793	1803	1817	rBV	11524	22319	1.26%	0.076%
46	7.042	1848	1851	1856	rVB	374	337	0.02%	0.001%
47	7.093	1863	1867	1868	rBV	489	338	0.02%	0.001%
48	7.170	1884	1891	1896	rBV4	677	829	0.05%	0.003%
49	7.225	1896	1908	1914	rBV	209387	363686	20.60%	1.238%
50	7.267	1915	1921	1948	rVB	202157	360851	20.44%	1.228%
51	7.386	1951	1958	1971	rBV	24041	43497	2.46%	0.148%
52	7.562	2000	2013	2032	rBV	741948	1298416	73.54%	4.420%
53	7.771	2075	2078	2081	rVB3	478	298	0.02%	0.001%
54	7.849	2090	2102	2103	rBV	162939	192997	10.93%	0.657%
55	7.874	2105	2110	2139	rVB	402093	666157	37.73%	2.268%
56	8.064	2157	2169	2195	rVB	272241	466782	26.44%	1.589%
57	8.222	2206	2218	2235	rBV	908650	1530464	86.68%	5.210%
58	8.308	2235	2245	2283	rVV	535167	929266	52.63%	3.164%
59	8.472	2284	2296	2314	rVV	282465	487181	27.59%	1.659%
60	8.582	2318	2330	2352	rVB	162540	281231	15.93%	0.957%
61	8.736	2376	2378	2383	rVB3	727	557	0.03%	0.002%
62	8.762	2383	2386	2387	rBV2	519	260	0.01%	0.001%
63	8.794	2391	2396	2402	rBV3	885	814	0.05%	0.003%
64	8.836	2406	2409	2413	rBV2	534	393	0.02%	0.001%
65	8.858	2413	2416	2419	rBV2	440	291	0.02%	0.001%
66	8.980	2451	2454	2457	rBV	637	600	0.03%	0.002%
67	9.035	2467	2471	2474	rBV3	628	598	0.03%	0.002%
68	9.087	2474	2487	2511	rVV	750845	1252333	70.93%	4.263%
69	9.206	2511	2524	2546	rVB	638449	1062470	60.18%	3.617%
70	9.437	2594	2596	2601	rVB3	579	431	0.02%	0.001%
71	9.562	2631	2635	2637	rBV2	460	434	0.02%	0.001%

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72	9.640	2656	2659	2662	rBV	301	246	0.01%	0.001%
73	9.784	2698	2704	2706	rBV4	938	1066	0.06%	0.004%
74	9.871	2727	2731	2734	rBV3	503	425	0.02%	0.001%
75	9.955	2745	2757	2781	rBV	336530	562444	31.86%	1.915%
76	10.125	2804	2810	2813	rBV3	492	608	0.03%	0.002%
77	10.244	2844	2847	2851	rBV2	506	469	0.03%	0.002%
78	10.353	2877	2881	2887	rBV2	513	663	0.04%	0.002%
79	10.431	2891	2905	2909	rBV	616729	995641	56.39%	3.390%
80	10.553	2940	2943	2944	rBV2	726	407	0.02%	0.001%
81	10.607	2951	2960	2972	rVB3	7096	11456	0.65%	0.039%
82	10.775	3006	3012	3020	rVB4	1597	2359	0.13%	0.008%
83	10.922	3054	3058	3060	rBV	684	531	0.03%	0.002%
84	10.974	3067	3074	3081	rBV3	3434	4559	0.26%	0.016%
85	11.099	3103	3113	3116	rBV5	4123	6143	0.35%	0.021%
86	11.144	3116	3127	3149	rVB	1161763	1765570	100.00%	6.011%
87	11.392	3202	3204	3206	rBV	690	453	0.03%	0.002%
88	11.482	3219	3232	3257	rBV	840249	1344285	76.14%	4.577%
89	11.858	3336	3349	3372	rBV	824220	1337557	75.76%	4.554%
90	12.138	3432	3436	3437	rBV2	831	585	0.03%	0.002%
91	12.328	3492	3495	3499	rBV3	577	511	0.03%	0.002%
92	12.418	3521	3523	3526	rVB2	559	288	0.02%	0.001%
93	12.443	3529	3531	3532	rVV2	711	278	0.02%	0.001%
94	12.479	3533	3542	3553	rVB	9436	15099	0.86%	0.051%
95	12.656	3585	3597	3621	rBV	201513	336696	19.07%	1.146%
96	13.144	3747	3749	3752	rBV2	407	286	0.02%	0.001%
97	14.032	4023	4025	4030	rBV3	681	651	0.04%	0.002%
98	14.279	4094	4102	4111	rVB2	7378	11309	0.64%	0.039%
99	15.083	4349	4352	4356	rBV3	1146	783	0.04%	0.003%
100	15.832	4582	4585	4588	rVB	1894	1176	0.07%	0.004%

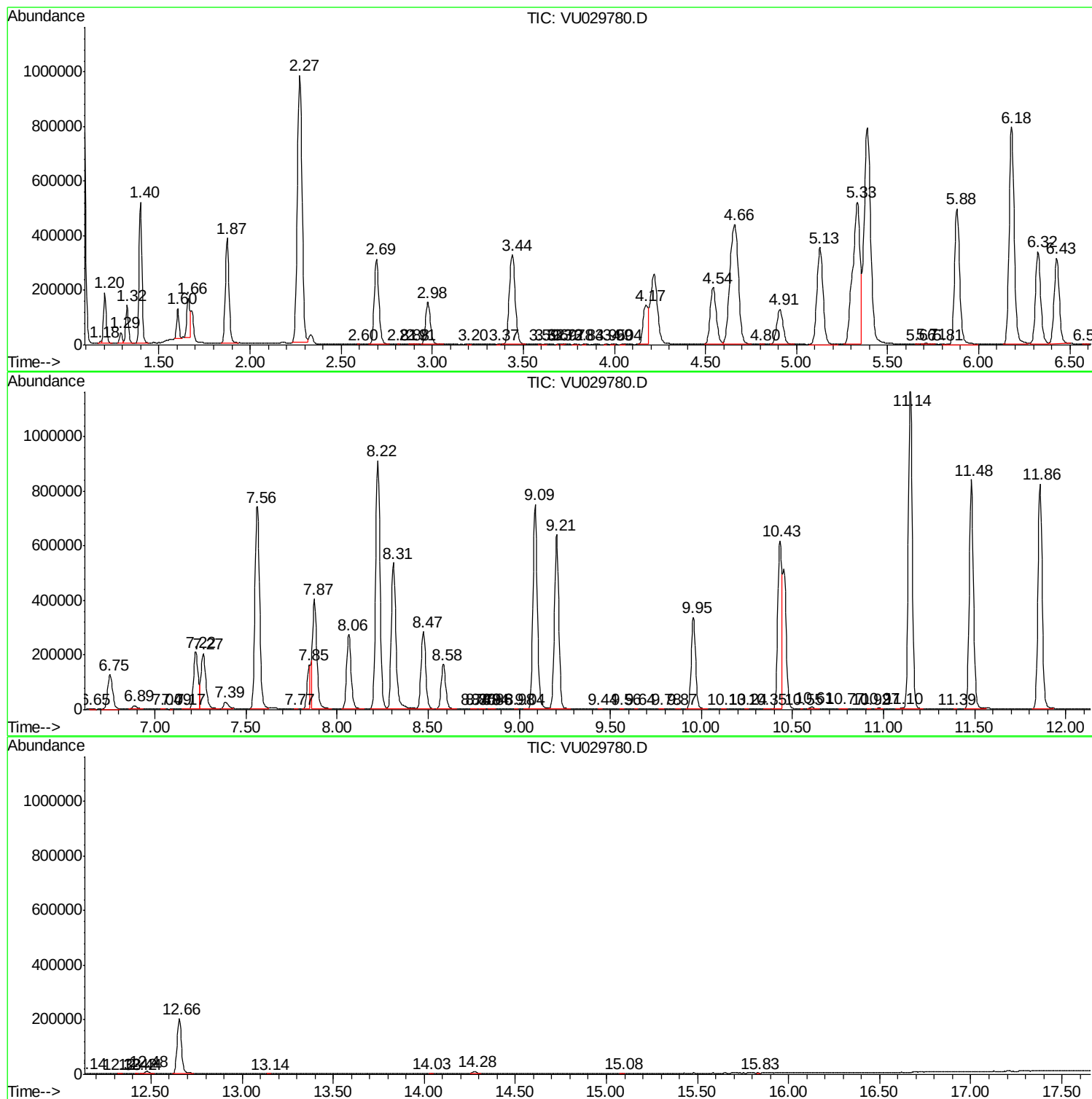
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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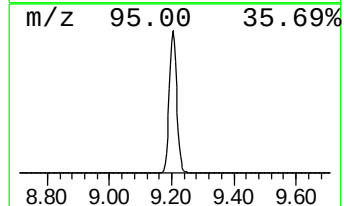
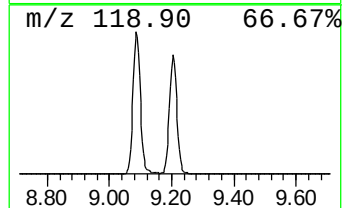
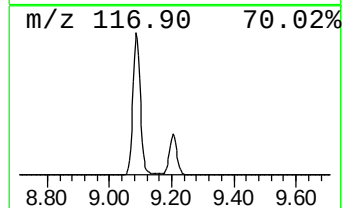
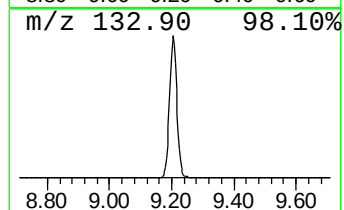
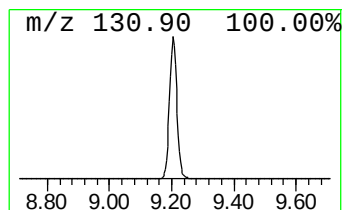
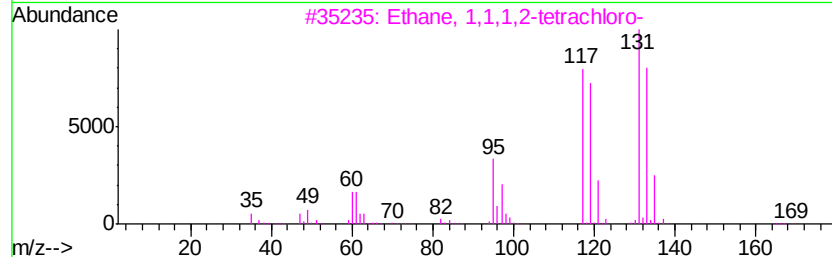
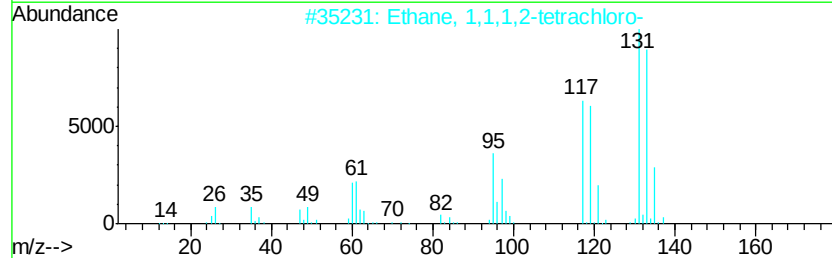
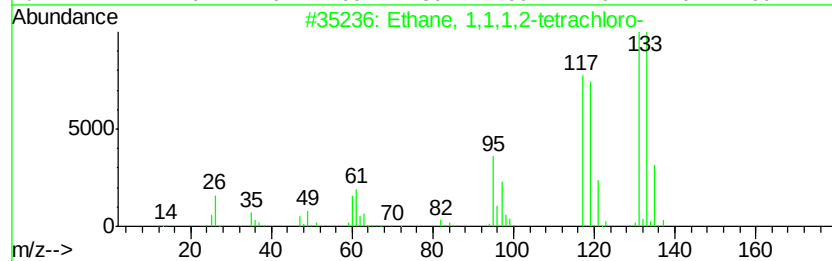
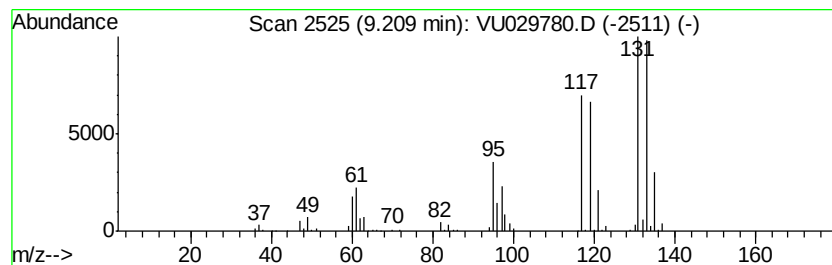
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis

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	42.42 ug/L	1062470	Chlorobenzene-d5	9.09

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			Carbon Tetrachloride	152	CCl4	000056-23-5	10



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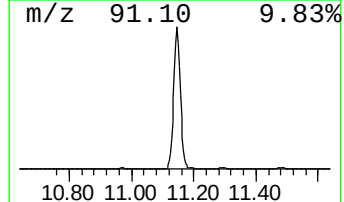
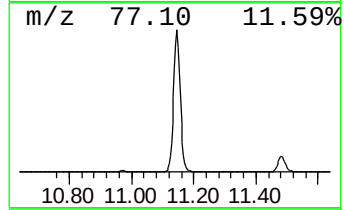
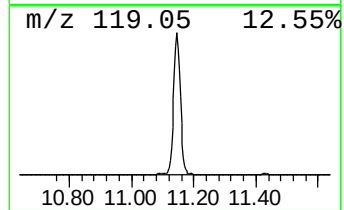
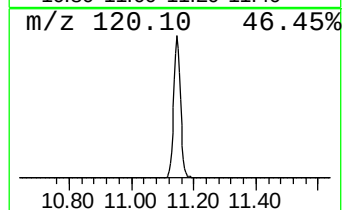
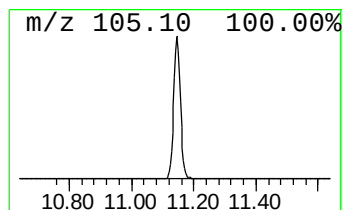
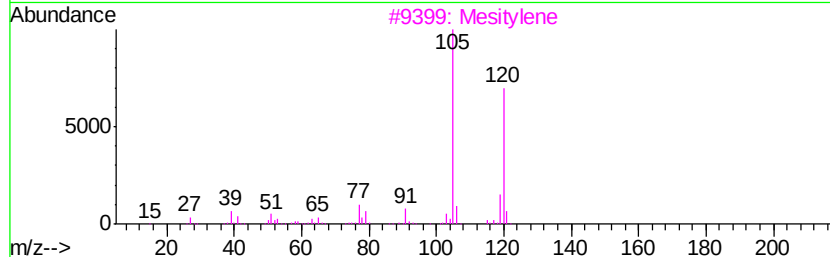
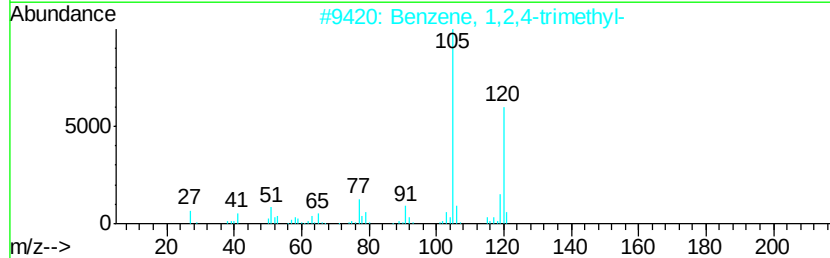
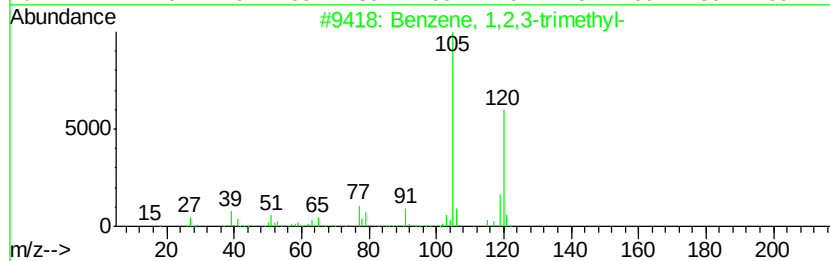
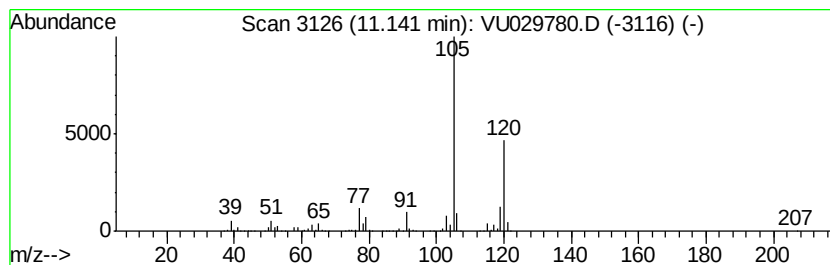
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Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	65.67 ug/L	1765570	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		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
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	42.4	ug/L	1062470	2	9.09	1252330	50.0
Benzene, 1,2,4-tr...	11.14	65.7	ug/L	1765570	3	11.48	1344290	50.0