

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032557.D
 Acq On : 10 Jun 2019 11:38
 Operator : JC/SP
 Sample : K3277-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

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\SOMULM060619WMA.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	1.199	29	34	53	rVB	73730	78409	9.05%	0.544%
2	1.286	57	61	66	rVV	20963	19320	2.23%	0.134%
3	1.322	66	72	86	rVB	67013	72625	8.38%	0.504%
4	1.396	87	95	111	rVB2	233050	274265	31.65%	1.904%
5	1.614	157	163	170	rBV	56599	64293	7.42%	0.446%
6	1.659	171	177	197	rVB2	113956	194564	22.46%	1.351%
7	1.871	233	243	258	rBV	192800	271105	31.29%	1.882%
8	2.270	353	367	380	rBV5	474982	866455	100.00%	6.015%
9	2.470	421	429	437	rBV4	709	1144	0.13%	0.008%
10	2.518	442	444	451	rVB3	361	290	0.03%	0.002%
11	2.579	458	463	469	rBV3	466	683	0.08%	0.005%
12	2.691	486	498	519	rVB	151310	260878	30.11%	1.811%
13	2.826	533	540	549	rBV3	1012	1977	0.23%	0.014%
14	2.971	572	585	614	rVB	76443	143179	16.52%	0.994%
15	3.116	624	630	631	rBV	235	234	0.03%	0.002%
16	3.309	688	690	694	rVB	236	142	0.02%	0.001%
17	3.434	711	729	754	rBV	161991	353139	40.76%	2.451%
18	3.650	793	796	799	rVV2	196	149	0.02%	0.001%
19	3.685	803	807	810	rBV	302	272	0.03%	0.002%
20	3.804	839	844	848	rBV2	187	206	0.02%	0.001%
21	4.177	946	960	962	rBV	73966	128789	14.86%	0.894%
22	4.537	1057	1072	1090	rBV	100576	235722	27.21%	1.636%
23	4.653	1090	1108	1140	rVB4	216280	710894	82.05%	4.935%
24	4.810	1154	1157	1161	rBV2	195	168	0.02%	0.001%
25	4.904	1170	1186	1204	rVV2	64103	154354	17.81%	1.071%
26	5.000	1211	1216	1219	rBV	310	226	0.03%	0.002%
27	5.029	1219	1225	1229	rVV2	141	163	0.02%	0.001%
28	5.051	1229	1232	1236	rVB2	237	158	0.02%	0.001%
29	5.125	1237	1255	1280	rBV	191500	445600	51.43%	3.093%
30	5.241	1289	1291	1295	rVB	233	150	0.02%	0.001%
31	5.328	1295	1318	1326	rBV2	276948	790313	91.21%	5.486%
32	5.569	1389	1393	1396	rBV4	308	209	0.02%	0.001%
33	5.707	1424	1436	1438	rBV4	1849	2527	0.29%	0.018%
34	5.826	1467	1473	1476	rBV2	208	215	0.02%	0.001%

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35	5.878	1476	1489	1519	rBV	253808	493340	56.94%	3.425%
36	6.132	1564	1568	1569	rBV2	257	168	0.02%	0.001%
37	6.177	1569	1582	1612	rVV	393549	762910	88.05%	5.296%
38	6.321	1614	1627	1646	rVV	178192	354005	40.86%	2.457%
39	6.424	1646	1659	1681	rVB	161046	313789	36.22%	2.178%
40	6.569	1701	1704	1707	rVV	287	149	0.02%	0.001%
41	6.630	1719	1723	1728	rBV2	151	138	0.02%	0.001%
42	6.749	1748	1760	1778	rBV	65145	121973	14.08%	0.847%
43	6.887	1791	1803	1816	rBV3	5389	11360	1.31%	0.079%
44	6.987	1831	1834	1835	rVB2	276	141	0.02%	0.001%
45	7.106	1868	1871	1875	rVB3	302	250	0.03%	0.002%
46	7.222	1894	1907	1914	rBV	114362	201839	23.29%	1.401%
47	7.264	1915	1920	1943	rVB	104460	176977	20.43%	1.229%
48	7.389	1949	1959	1977	rBV2	12496	25459	2.94%	0.177%
49	7.559	1998	2012	2030	rBV	380568	658109	75.95%	4.568%
50	7.846	2090	2101	2103	rBV	89783	115009	13.27%	0.798%
51	7.874	2105	2110	2135	rVB	204209	329784	38.06%	2.289%
52	8.061	2153	2168	2190	rVB	123072	213614	24.65%	1.483%
53	8.218	2204	2217	2234	rBV	435588	734476	84.77%	5.098%
54	8.309	2234	2245	2276	rVB	226087	412001	47.55%	2.860%
55	8.469	2283	2295	2311	rVB	139824	237347	27.39%	1.648%
56	8.582	2319	2330	2353	rVB	72558	126606	14.61%	0.879%
57	8.759	2381	2385	2389	rBV	159	177	0.02%	0.001%
58	9.083	2474	2486	2511	rBV	366074	603419	69.64%	4.189%
59	9.202	2511	2523	2539	rVB	297327	491652	56.74%	3.413%
60	9.312	2555	2557	2561	rVB2	359	162	0.02%	0.001%
61	9.360	2568	2572	2573	rBV	199	135	0.02%	0.001%
62	9.427	2589	2593	2597	rBV	242	244	0.03%	0.002%
63	9.694	2672	2676	2678	rBV	269	196	0.02%	0.001%
64	9.890	2735	2737	2743	rBV2	120	138	0.02%	0.001%
65	9.952	2744	2756	2777	rBV	157816	267734	30.90%	1.859%
66	10.167	2814	2823	2830	rBV2	441	756	0.09%	0.005%
67	10.427	2889	2904	2909	rBV	257447	445367	51.40%	3.092%
68	10.681	2980	2983	2985	rBV	185	135	0.02%	0.001%
69	10.771	3008	3011	3022	rVB3	747	893	0.10%	0.006%
70	10.974	3065	3074	3082	rBV5	1687	2616	0.30%	0.018%
71	11.096	3107	3112	3115	rBV2	972	1030	0.12%	0.007%

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72	11.141	3115	3126	3144	rVV	535647	807306	93.17%	5.604%
73	11.283	3167	3170	3175	rBV2	369	331	0.04%	0.002%
74	11.424	3210	3214	3219	rVB	440	442	0.05%	0.003%
75	11.479	3219	3231	3256	rBV	404059	629632	72.67%	4.371%
76	11.620	3272	3275	3282	rVB3	418	372	0.04%	0.003%
77	11.685	3293	3295	3299	rVB	369	215	0.02%	0.001%
78	11.707	3299	3302	3305	rBV2	231	159	0.02%	0.001%
79	11.855	3335	3348	3369	rBV	386401	621445	71.72%	4.314%
80	12.086	3417	3420	3424	rBV3	295	256	0.03%	0.002%
81	12.328	3492	3495	3499	rBV	244	223	0.03%	0.002%
82	12.405	3516	3519	3525	rVB2	202	172	0.02%	0.001%
83	12.450	3529	3533	3535	rBV	326	256	0.03%	0.002%
84	12.472	3537	3540	3546	rVV4	463	502	0.06%	0.003%
85	12.511	3549	3552	3555	rVB	264	135	0.02%	0.001%
86	12.582	3571	3574	3577	rBV	235	187	0.02%	0.001%
87	12.652	3585	3596	3623	rBV	97231	164312	18.96%	1.141%
88	12.781	3633	3636	3641	rVB	351	294	0.03%	0.002%
89	12.813	3643	3646	3648	rBV2	307	177	0.02%	0.001%
90	12.842	3653	3655	3656	rBV2	347	134	0.02%	0.001%
91	12.855	3657	3659	3663	rVB2	326	146	0.02%	0.001%
92	12.903	3672	3674	3678	rVB	278	138	0.02%	0.001%
93	13.019	3707	3710	3713	rBV2	268	213	0.02%	0.001%
94	13.215	3767	3771	3775	rBV	268	316	0.04%	0.002%
95	13.257	3782	3784	3788	rBV	205	135	0.02%	0.001%
96	13.350	3811	3813	3816	rBV	220	132	0.02%	0.001%
97	13.414	3831	3833	3837	rBV2	211	162	0.02%	0.001%
98	13.479	3849	3853	3856	rBV2	494	401	0.05%	0.003%
99	14.221	4081	4084	4087	rBV2	370	310	0.04%	0.002%
100	15.948	4619	4621	4625	rBV3	604	422	0.05%	0.003%

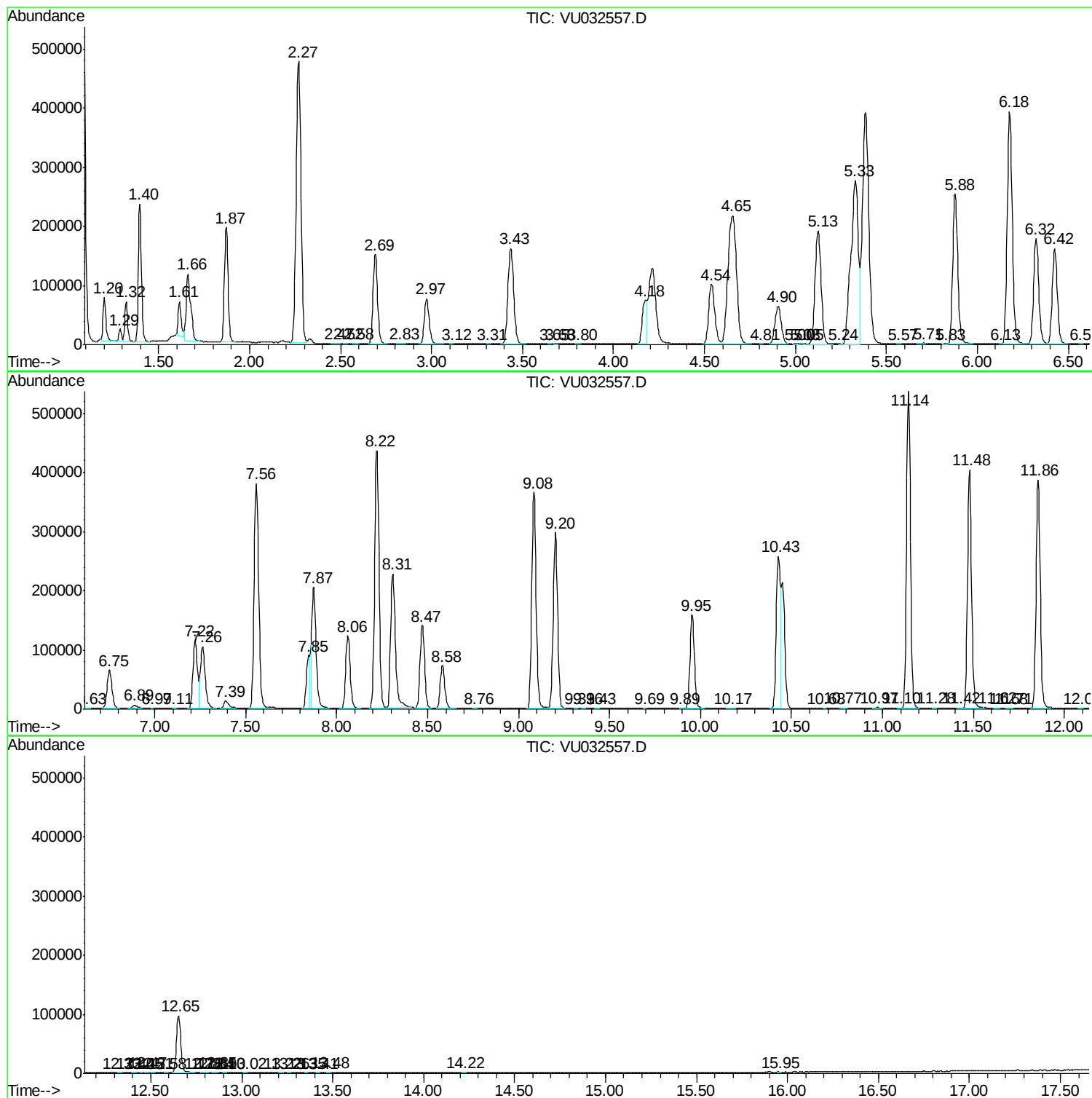
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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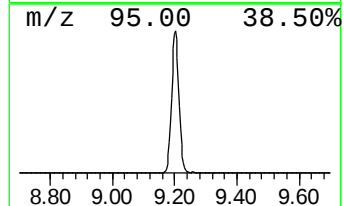
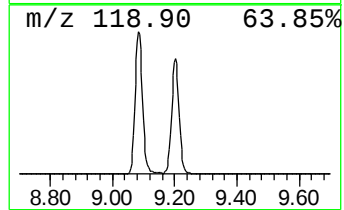
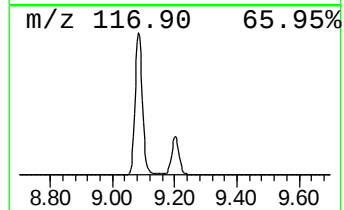
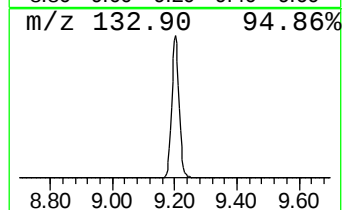
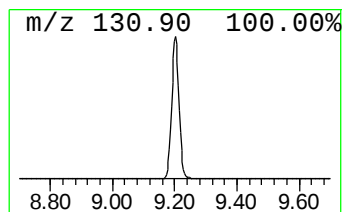
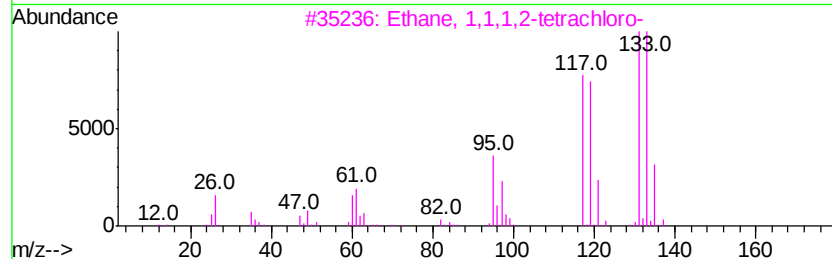
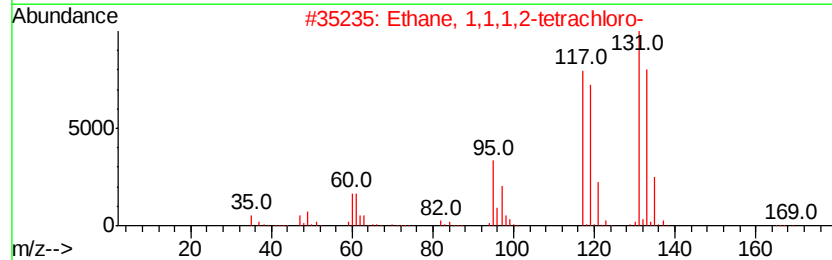
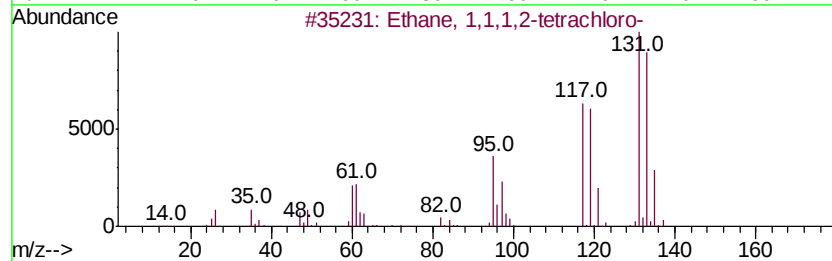
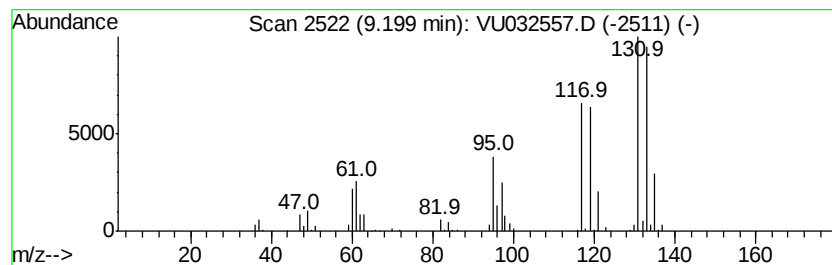
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	40.74 ug/L	491652	Chlorobenzene-d5	9.08

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	72
5		Glutaric acid, monochloride, 3-m...	220	C10H17ClO3	1000359-72-9	10



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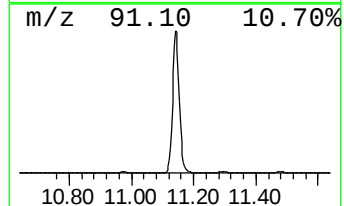
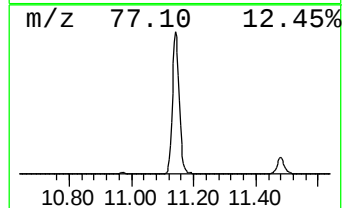
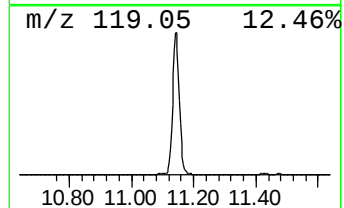
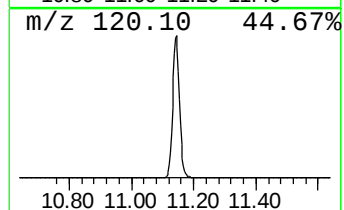
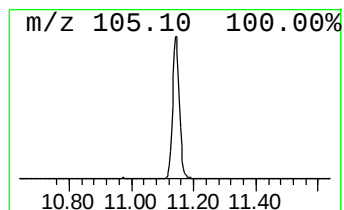
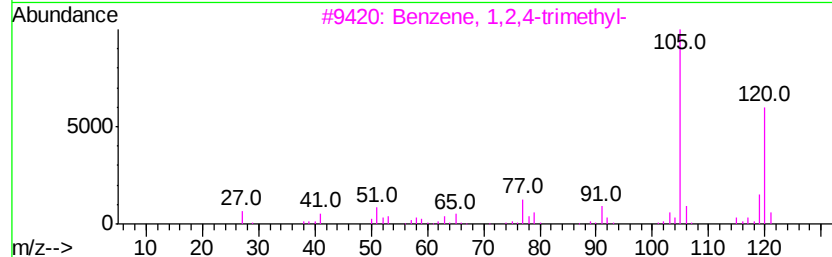
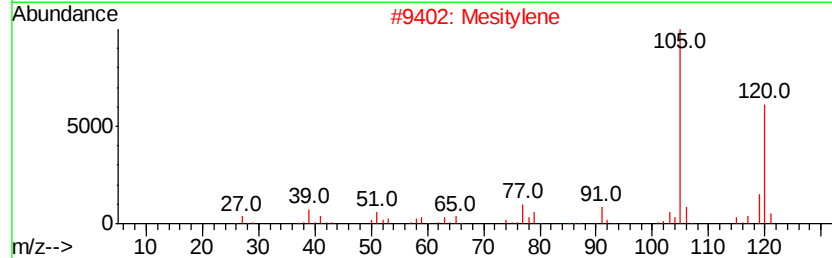
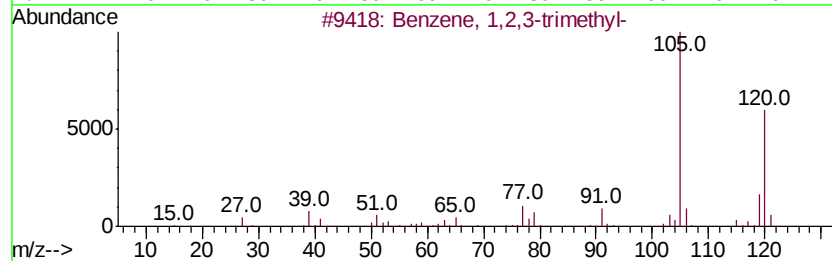
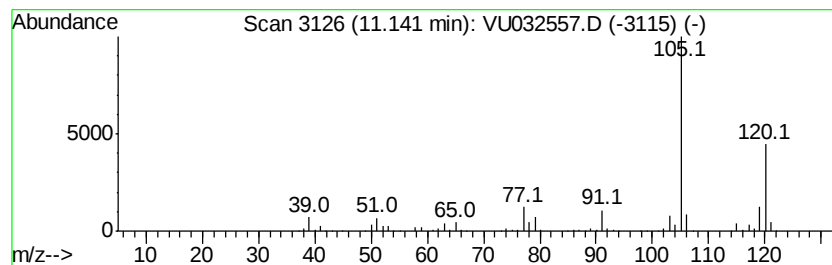
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	64.11 ug/L	807306	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		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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...	9.20	40.7	ug/L	491652	2	9.08	603419	50.0
Benzene, 1,2,4-tr...	11.14	64.1	ug/L	807306	3	11.48	629632	50.0