

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037906.D
 Acq On : 29 Apr 2020 11:52
 Operator : JC/MD
 Sample : L2410-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFD9

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\SOMULM042320WMA.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	1.395	10	17	30	rVB	281874	275192	8.62%	0.553%
2	1.491	41	47	53	rBV	81168	82435	2.58%	0.166%
3	1.533	53	60	74	rVB	251661	289571	9.08%	0.582%
4	1.613	77	85	98	rBV2	861935	963873	30.21%	1.936%
5	1.845	151	157	163	rVB	164244	154245	4.83%	0.310%
6	1.880	163	168	172	rBV	84764	92929	2.91%	0.187%
7	1.909	172	177	182	rBV	196572	241027	7.55%	0.484%
8	2.147	241	251	268	rVB	502180	738484	23.14%	1.483%
9	2.597	374	391	403	rBV4	1338788	2585956	81.05%	5.194%
10	2.665	403	412	428	rVB	287658	471359	14.77%	0.947%
11	2.973	502	508	509	rBV5	1937	1629	0.05%	0.003%
12	3.073	525	539	562	rVB	484098	906184	28.40%	1.820%
13	3.215	571	583	605	rVB2	11473	28096	0.88%	0.056%
14	3.324	613	617	619	rBV2	691	658	0.02%	0.001%
15	3.382	621	635	651	rBV	243063	474366	14.87%	0.953%
16	3.465	659	661	667	rVB2	742	595	0.02%	0.001%
17	3.906	778	798	821	rVV	523332	1239293	38.84%	2.489%
18	3.990	821	824	826	rVV2	663	520	0.02%	0.001%
19	4.018	829	833	837	rVV3	656	581	0.02%	0.001%
20	4.099	854	858	861	rVB3	1003	700	0.02%	0.001%
21	4.568	1001	1004	1009	rBV4	593	545	0.02%	0.001%
22	4.665	1018	1034	1038	rBV	306481	614526	19.26%	1.234%
23	5.009	1124	1141	1155	rBV	344645	740087	23.19%	1.487%
24	5.118	1156	1175	1198	rVB4	755094	2274783	71.29%	4.569%
25	5.350	1231	1247	1275	rVB	213952	486367	15.24%	0.977%
26	5.559	1294	1312	1334	rBV	552508	1199132	37.58%	2.409%
27	5.758	1352	1374	1382	rBV2	937239	2547675	79.85%	5.117%
28	5.813	1383	1391	1424	rVB2	1259035	3190737	100.00%	6.409%
29	5.993	1443	1447	1449	rBV4	741	484	0.02%	0.001%
30	6.112	1476	1484	1498	rVB4	8354	16324	0.51%	0.033%
31	6.279	1520	1536	1560	rBV	875327	1653879	51.83%	3.322%
32	6.571	1611	1627	1644	rBV	1190744	2227361	69.81%	4.474%
33	6.719	1659	1673	1691	rBV	616382	1182448	37.06%	2.375%
34	6.819	1691	1704	1731	rVB	592269	1117983	35.04%	2.246%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
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35	6.912	1731	1733	1738	rVB3	984	750	0.02%	0.002%
36	6.948	1738	1744	1747	rBV5	1184	1237	0.04%	0.002%
37	7.134	1787	1802	1816	rBV	212566	385649	12.09%	0.775%
38	7.208	1816	1825	1826	rVV3	5701	7421	0.23%	0.015%
39	7.243	1828	1836	1850	rVB2	32543	56234	1.76%	0.113%
40	7.333	1862	1864	1868	rVB3	838	502	0.02%	0.001%
41	7.356	1868	1871	1875	rBV3	526	582	0.02%	0.001%
42	7.465	1900	1905	1907	rBV3	1246	1181	0.04%	0.002%
43	7.591	1926	1944	1950	rBV	363983	630107	19.75%	1.266%
44	7.632	1951	1957	1974	rVV	379626	623237	19.53%	1.252%
45	7.735	1976	1989	2004	rVV	67117	120601	3.78%	0.242%
46	7.812	2007	2013	2022	rVB7	3346	5945	0.19%	0.012%
47	7.922	2031	2047	2082	rBV	1121351	2021854	63.37%	4.061%
48	8.073	2091	2094	2097	rBV4	998	629	0.02%	0.001%
49	8.202	2119	2134	2136	rBV	273061	359199	11.26%	0.722%
50	8.230	2138	2143	2162	rVB	716565	1124308	35.24%	2.258%
51	8.372	2184	2187	2190	rBV4	1082	803	0.03%	0.002%
52	8.423	2190	2203	2220	rVV	423526	718234	22.51%	1.443%
53	8.575	2235	2250	2264	rBV	1130590	1950496	61.13%	3.918%
54	8.655	2264	2275	2313	rVV	941295	1717097	53.82%	3.449%
55	8.832	2317	2330	2343	rVB	393519	669785	20.99%	1.345%
56	8.944	2352	2365	2384	rVB	248616	422025	13.23%	0.848%
57	9.163	2428	2433	2434	rBV3	831	670	0.02%	0.001%
58	9.365	2493	2496	2501	rBV3	656	566	0.02%	0.001%
59	9.436	2503	2518	2541	rBV	1241286	2095893	65.69%	4.210%
60	9.552	2541	2554	2576	rVB2	867499	1447946	45.38%	2.908%
61	9.648	2580	2584	2589	rBV5	1116	1166	0.04%	0.002%
62	9.693	2592	2598	2600	rBV7	1621	1903	0.06%	0.004%
63	9.787	2622	2627	2630	rBV3	515	568	0.02%	0.001%
64	10.034	2700	2704	2705	rBV3	879	659	0.02%	0.001%
65	10.124	2727	2732	2744	rVB6	2574	4150	0.13%	0.008%
66	10.308	2773	2789	2806	rBV	401105	662426	20.76%	1.331%
67	10.468	2831	2839	2840	rBV4	1256	1022	0.03%	0.002%
68	10.494	2844	2847	2857	rVB6	1664	2418	0.08%	0.005%
69	10.648	2891	2895	2902	rBV3	669	811	0.03%	0.002%
70	10.774	2920	2934	2938	rBV	908227	1508732	47.28%	3.031%
71	10.902	2967	2974	2981	rVB5	3153	4488	0.14%	0.009%

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72	10.944	2985	2987	2994	rVB3	799	692	0.02%	0.001%
73	11.012	3002	3008	3012	rBV3	685	764	0.02%	0.002%
74	11.102	3028	3036	3047	rVB2	4660	7589	0.24%	0.015%
75	11.259	3082	3085	3088	rVB3	935	586	0.02%	0.001%
76	11.304	3088	3099	3108	rBV3	8411	13493	0.42%	0.027%
77	11.362	3113	3117	3123	rVB4	831	989	0.03%	0.002%
78	11.401	3123	3129	3131	rBV2	612	750	0.02%	0.002%
79	11.481	3132	3154	3171	rBV	1802670	2735028	85.72%	5.494%
80	11.623	3195	3198	3205	rVB6	1449	1511	0.05%	0.003%
81	11.722	3225	3229	3233	rBV	2723	2424	0.08%	0.005%
82	11.754	3233	3239	3248	rVV7	6483	10339	0.32%	0.021%
83	11.825	3248	3261	3275	rVV	1331533	2109748	66.12%	4.238%
84	11.944	3292	3298	3302	rBV4	3005	3478	0.11%	0.007%
85	12.018	3317	3321	3323	rBV2	765	561	0.02%	0.001%
86	12.082	3333	3341	3348	rBV6	1409	1857	0.06%	0.004%
87	12.205	3365	3379	3396	rBV	1222055	1939452	60.78%	3.896%
88	12.481	3460	3465	3468	rBV4	734	854	0.03%	0.002%
89	12.607	3498	3504	3509	rBV3	740	915	0.03%	0.002%
90	12.796	3553	3563	3572	rBV2	7794	13119	0.41%	0.026%
91	13.015	3614	3631	3651	rBV	336088	543956	17.05%	1.093%
92	13.160	3673	3676	3680	rBV	663	669	0.02%	0.001%
93	13.237	3691	3700	3708	rBV5	4057	5588	0.18%	0.011%
94	13.584	3806	3808	3816	rVB4	946	1065	0.03%	0.002%
95	13.864	3887	3895	3906	rBV6	5307	8780	0.28%	0.018%
96	13.906	3906	3908	3912	rVB2	762	517	0.02%	0.001%
97	14.114	3962	3973	3984	rBV2	7049	11766	0.37%	0.024%
98	14.172	3984	3991	3994	rBV4	853	960	0.03%	0.002%
99	14.356	4041	4048	4058	rVB4	3983	6514	0.20%	0.013%
100	14.623	4123	4131	4145	rVB3	5447	9377	0.29%	0.019%

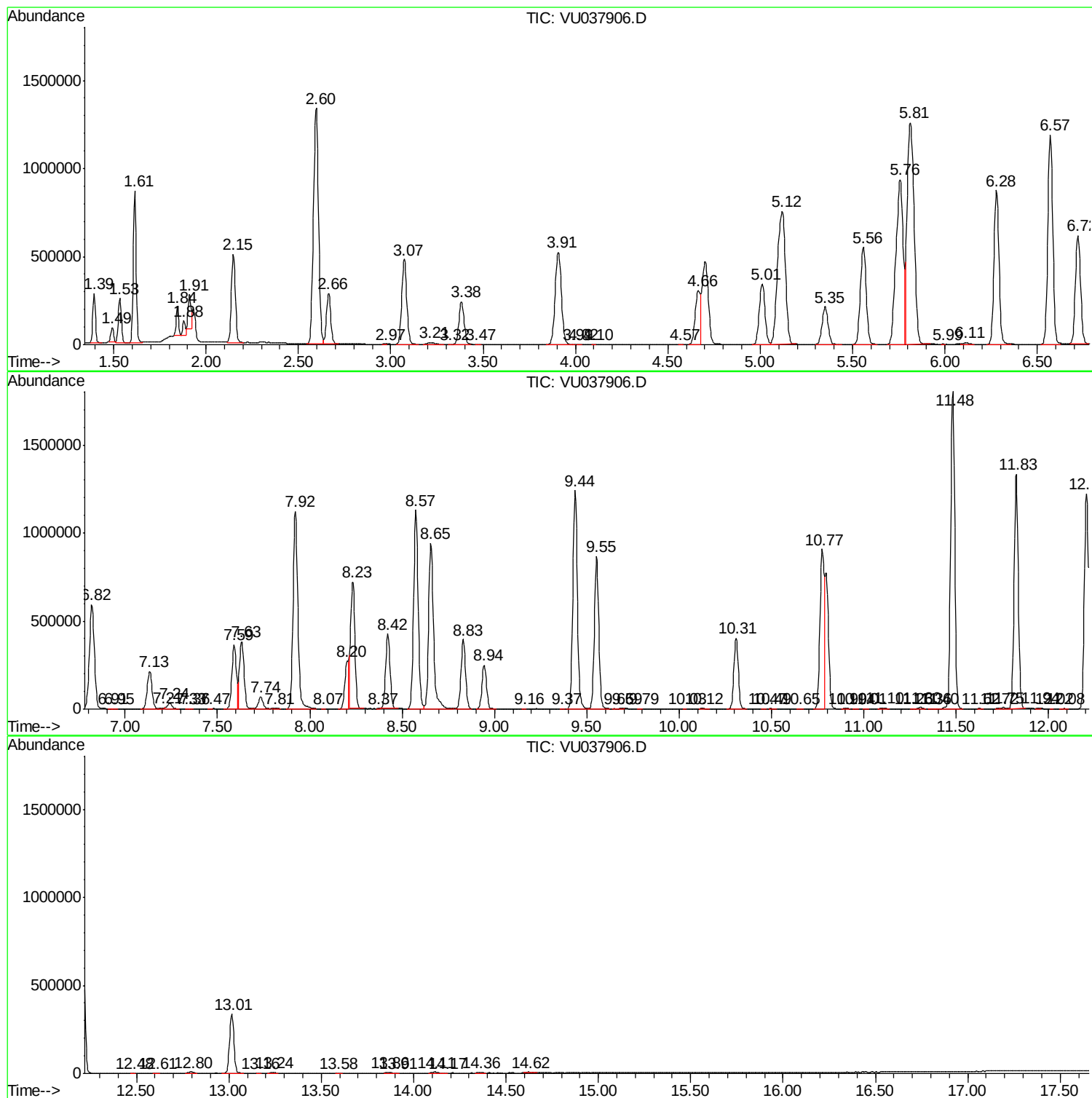
Sum of corrected areas: 49784659

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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



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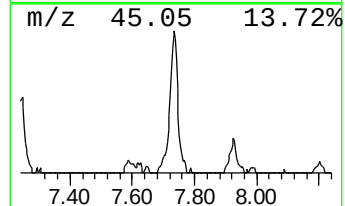
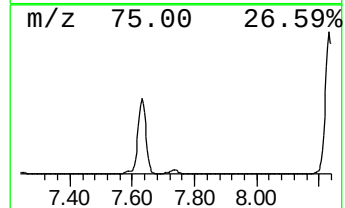
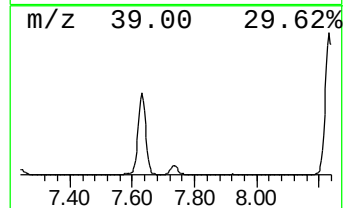
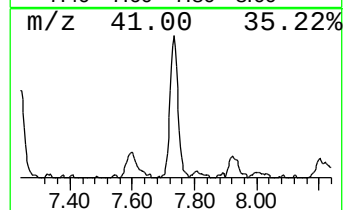
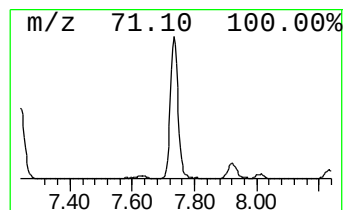
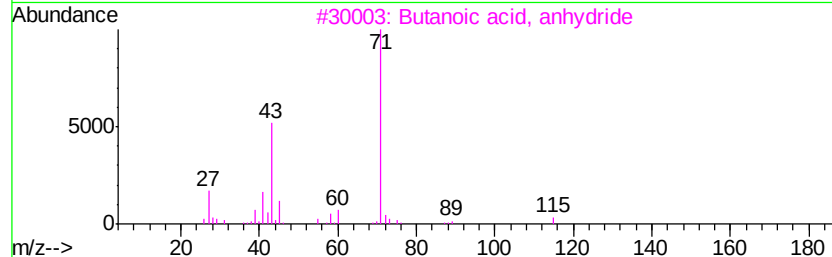
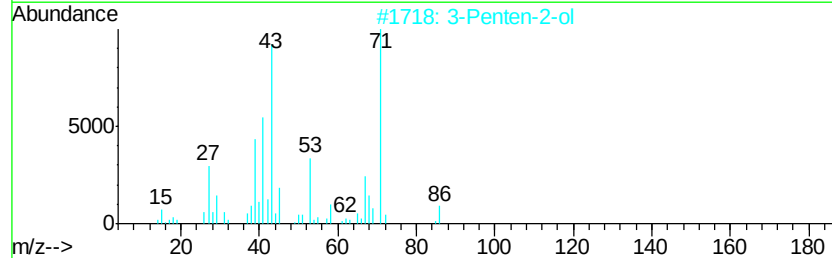
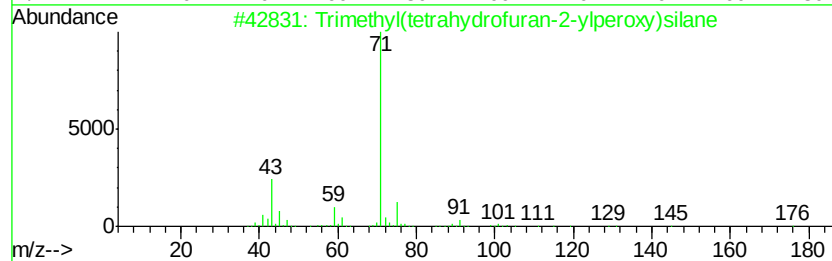
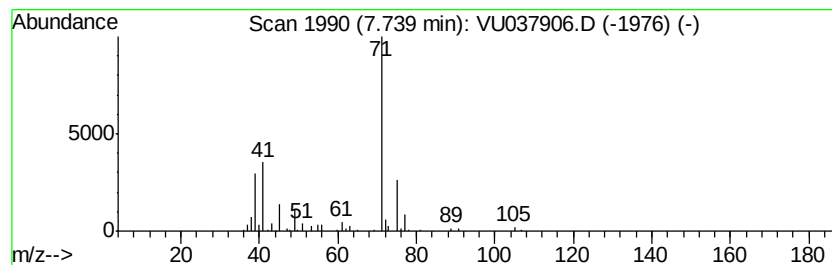
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Trimethyl(tetrahydrofuran-2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	3.65 ug/L	120601	1,4-Difluorobenzene	6.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trimethyl(tetrahydrofuran-2-ylpe...	176	C7H16O3Si	1000368-50-8	50
2		3-Penten-2-ol	86	C5H10O	001569-50-2	42
3		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	36
4		Isobutyric acid, 2,2,2-trichloro...	218	C6H9Cl3O2	1000354-63-4	33
5		Dichloroacetic acid, 2-tetrahydr...	212	C7H10Cl2O3	004697-00-1	9



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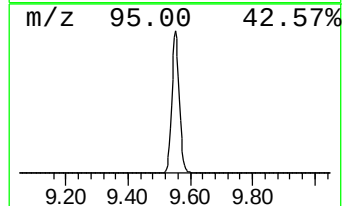
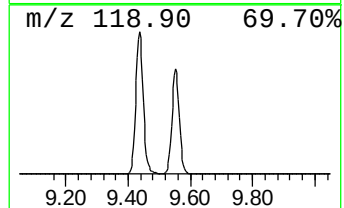
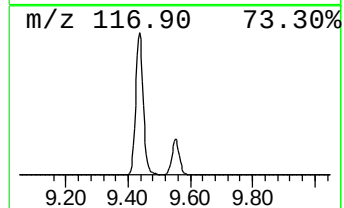
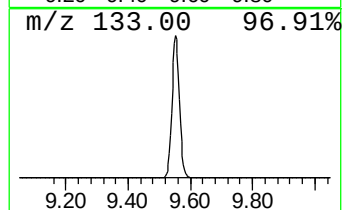
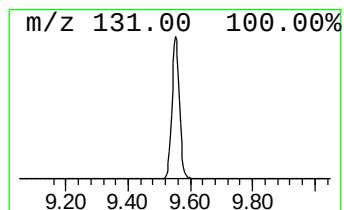
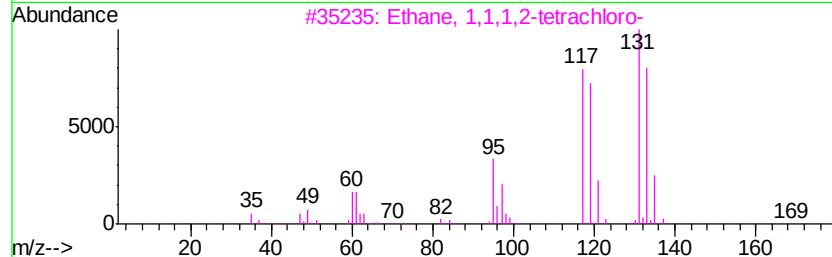
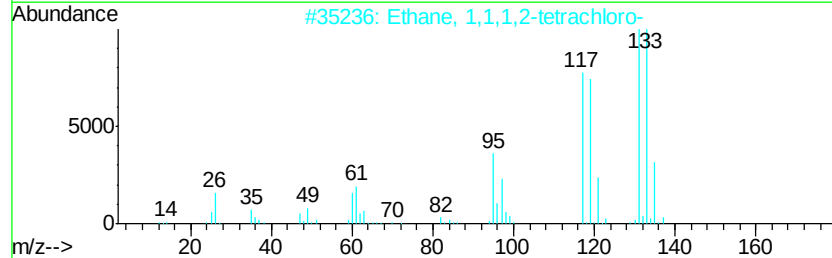
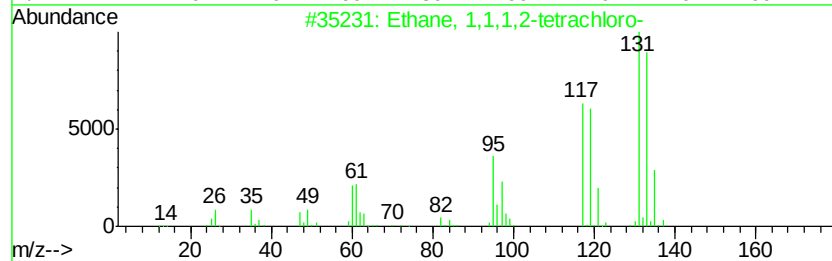
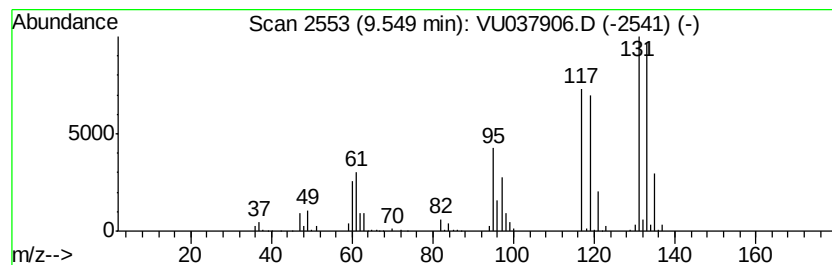
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	34.54 ug/L	1447950	Chlorobenzene-d5	9.44

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		Trichloronitromethane	163	CCl3NO2	000076-06-2	10



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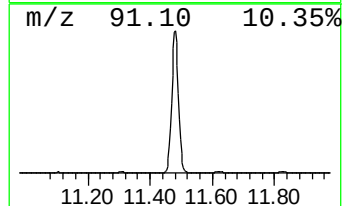
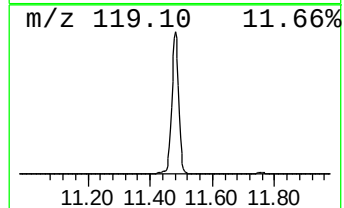
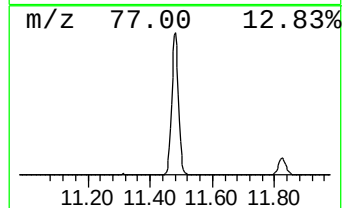
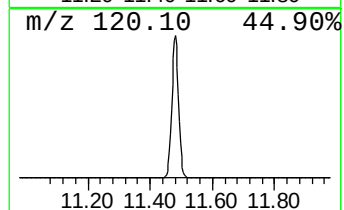
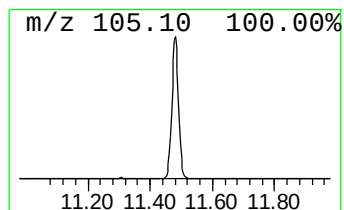
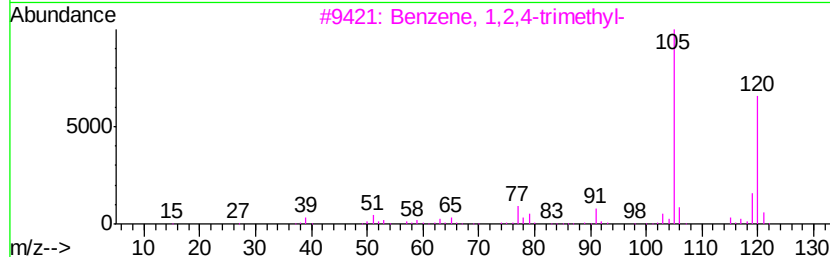
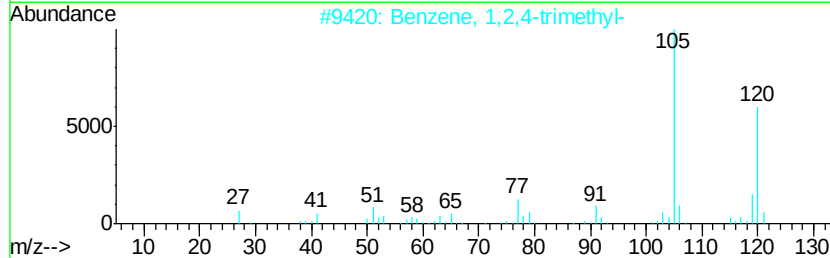
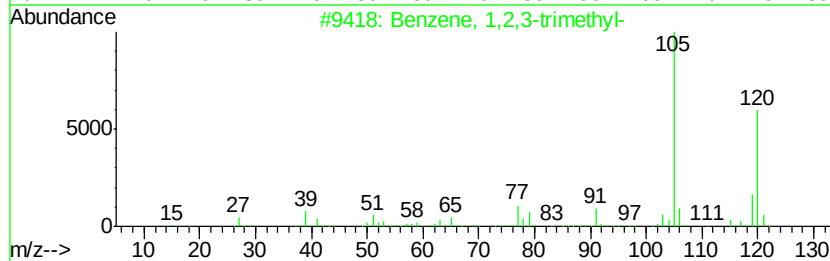
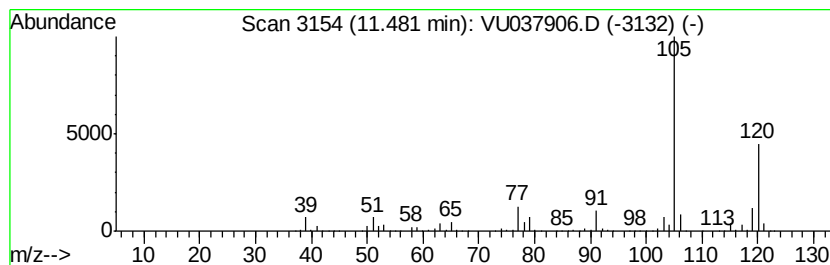
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	64.82 ug/L	2735030	1,4-Dichlorobenzene-d4	11.83

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037906.D
Acq On : 29 Apr 2020 11:52
Operator : JC/MD
Sample : L2410-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBFD9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Trimethyl(tetrahy...	7.74	3.6	ug/L	120601	1	6.28	1653880	50.0
Ethane, 1,1,1,2-t...	9.55	34.5	ug/L	1447950	2	9.44	2095890	50.0
Benzene, 1,2,3-tr...	11.48	64.8	ug/L	2735030	3	11.83	2109750	50.0