

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031032.D
 Acq On : 10 Apr 2019 23:23
 Operator : JC/SP
 Sample : K2254-19ME
 Misc : 3.75µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC40ME

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\SOMULM040519WMA.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	1.174	21	26	34	rVB3	15948	15879	0.91%	0.088%
2	1.392	87	94	109	rVB	183177	232597	13.30%	1.282%
3	1.637	167	170	182	rVB	154634	165109	9.44%	0.910%
4	2.135	320	325	335	rVB5	21895	33315	1.90%	0.184%
5	2.238	346	357	371	rVB	345358	536325	30.67%	2.957%
6	2.553	452	455	459	rBV3	1184	945	0.05%	0.005%
7	2.627	470	478	488	rVB3	6067	10128	0.58%	0.056%
8	2.678	488	494	496	rBV6	5712	5310	0.30%	0.029%
9	2.778	522	525	529	rBV3	1745	1539	0.09%	0.008%
10	2.894	558	561	564	rBV4	1656	1062	0.06%	0.006%
11	3.087	617	621	624	rVV	1003	895	0.05%	0.005%
12	3.206	656	658	662	rVB4	1348	923	0.05%	0.005%
13	3.238	664	668	671	rBV2	985	695	0.04%	0.004%
14	3.264	673	676	680	rBV4	1074	965	0.06%	0.005%
15	3.376	707	711	715	rVB3	696	580	0.03%	0.003%
16	3.495	744	748	751	rBV3	606	662	0.04%	0.004%
17	3.666	798	801	805	rVB2	1134	854	0.05%	0.005%
18	3.694	805	810	813	rBV2	529	597	0.03%	0.003%
19	3.871	859	865	868	rBV4	971	707	0.04%	0.004%
20	3.984	895	900	902	rBV3	1772	1597	0.09%	0.009%
21	4.186	950	963	1019	rBV2	146194	568366	32.50%	3.133%
22	4.640	1084	1104	1132	rBV	263182	698997	39.97%	3.853%
23	4.881	1173	1179	1184	rBV6	1214	1695	0.10%	0.009%
24	4.987	1210	1212	1217	rVB3	817	808	0.05%	0.004%
25	5.045	1226	1230	1235	rVB5	989	862	0.05%	0.005%
26	5.077	1235	1240	1245	rVB4	1027	1045	0.06%	0.006%
27	5.206	1274	1280	1283	rBV5	654	788	0.05%	0.004%
28	5.328	1292	1318	1346	rBV2	597292	1748842	100.00%	9.641%
29	5.604	1398	1404	1406	rBV5	2600	2924	0.17%	0.016%
30	5.759	1449	1452	1455	rBV3	928	717	0.04%	0.004%
31	5.775	1455	1457	1461	rVV5	846	655	0.04%	0.004%
32	5.881	1475	1490	1514	rBV	552320	1188538	67.96%	6.552%
33	6.045	1538	1541	1543	rBV3	1159	672	0.04%	0.004%
34	6.164	1570	1578	1579	rBV6	3726	4308	0.25%	0.024%

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC40ME

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\SOMULM040519WMA.M
 Title : VOC Analysis

35	6.247	1593	1604	1606	rBV9	4218	5840	0.33%	0.032%
36	6.325	1614	1628	1655	rBV	373816	807824	46.19%	4.453%
37	6.450	1664	1667	1669	rBV3	1197	655	0.04%	0.004%
38	6.466	1669	1672	1679	rVB5	2374	1736	0.10%	0.010%
39	6.508	1683	1685	1692	rVB5	1139	1262	0.07%	0.007%
40	6.604	1711	1715	1717	rBV4	1696	1345	0.08%	0.007%
41	6.624	1718	1721	1724	rVV5	880	777	0.04%	0.004%
42	6.791	1769	1773	1775	rBV2	766	682	0.04%	0.004%
43	6.823	1779	1783	1786	rBV5	722	612	0.03%	0.003%
44	6.900	1796	1807	1809	rBV6	3225	4534	0.26%	0.025%
45	7.016	1840	1843	1845	rBV2	1211	829	0.05%	0.005%
46	7.032	1845	1848	1851	rBV3	1528	1135	0.06%	0.006%
47	7.173	1883	1892	1894	rBV4	1697	2008	0.11%	0.011%
48	7.225	1897	1908	1930	rVV	191529	388138	22.19%	2.140%
49	7.363	1949	1951	1955	rBV3	904	663	0.04%	0.004%
50	7.460	1976	1981	1986	rBV6	2903	3992	0.23%	0.022%
51	7.511	1994	1997	2000	rBV3	1899	1432	0.08%	0.008%
52	7.559	2000	2012	2034	rBV	682483	1271851	72.73%	7.011%
53	7.849	2085	2102	2136	rBV	132424	285168	16.31%	1.572%
54	8.032	2155	2159	2160	rBV4	1917	1355	0.08%	0.007%
55	8.115	2180	2185	2187	rBV3	1863	1661	0.09%	0.009%
56	8.135	2187	2191	2195	rVB5	839	827	0.05%	0.005%
57	8.222	2213	2218	2229	rVB9	2449	3360	0.19%	0.019%
58	8.321	2237	2249	2278	rBV	619579	1250754	71.52%	6.895%
59	8.601	2327	2336	2337	rBV7	5736	6440	0.37%	0.036%
60	9.029	2462	2469	2475	rBV6	7535	12526	0.72%	0.069%
61	9.090	2476	2488	2514	rVV	832791	1498402	85.68%	8.260%
62	9.250	2531	2538	2549	rBV6	10090	18479	1.06%	0.102%
63	9.379	2566	2578	2591	rBV3	13826	29530	1.69%	0.163%
64	9.443	2591	2598	2607	rVB8	6940	9765	0.56%	0.054%
65	9.566	2633	2636	2640	rBV4	1590	1180	0.07%	0.007%
66	9.607	2647	2649	2654	rVB4	1192	660	0.04%	0.004%
67	9.646	2658	2661	2664	rVB2	1564	896	0.05%	0.005%
68	9.710	2672	2681	2683	rBV7	5220	6346	0.36%	0.035%
69	9.784	2695	2704	2710	rBV4	11281	18430	1.05%	0.102%
70	9.910	2740	2743	2745	rBV2	1286	928	0.05%	0.005%
71	9.945	2745	2754	2763	rVB10	5519	9862	0.56%	0.054%

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC40ME

Integration Parameters: LSCINT.P

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

Filtering: 5
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 Max Peaks: 100
 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Title : VOC Analysis

72	10.038	2778	2783	2792	rBV10	5363	8636	0.49%	0.048%
73	10.151	2811	2818	2832	rVB7	14927	28458	1.63%	0.157%
74	10.434	2893	2906	2921	rBV	645470	1082798	61.92%	5.969%
75	10.598	2949	2957	2975	rBV5	14783	33615	1.92%	0.185%
76	10.685	2975	2984	2988	rBV3	21915	35741	2.04%	0.197%
77	10.771	3005	3011	3017	rBV2	25435	35839	2.05%	0.198%
78	10.810	3019	3023	3032	rVB4	32664	43333	2.48%	0.239%
79	10.974	3066	3074	3081	rBV2	19696	32825	1.88%	0.181%
80	11.070	3098	3104	3108	rBV5	5738	7375	0.42%	0.041%
81	11.112	3112	3117	3120	rVV4	17748	21683	1.24%	0.120%
82	11.151	3121	3129	3151	rVB3	119246	226667	12.96%	1.250%
83	11.482	3222	3232	3252	rBV	957085	1550260	88.64%	8.546%
84	11.569	3253	3259	3267	rVB2	50208	66480	3.80%	0.366%
85	11.858	3339	3349	3370	rVB	885935	1533567	87.69%	8.454%
86	12.022	3394	3400	3406	rBV	63937	79012	4.52%	0.436%
87	12.147	3432	3439	3442	rBV2	37504	49921	2.85%	0.275%
88	12.250	3464	3471	3479	rVB	77396	113648	6.50%	0.626%
89	12.649	3588	3595	3602	rVB2	83870	127018	7.26%	0.700%
90	12.701	3603	3611	3629	rVB	125944	227863	13.03%	1.256%
91	12.784	3631	3637	3642	rBV3	29452	42052	2.40%	0.232%
92	12.961	3687	3692	3705	rVB5	53367	83393	4.77%	0.460%
93	13.032	3708	3714	3721	rVB6	21897	31537	1.80%	0.174%
94	13.118	3735	3741	3769	rVB5	180140	378393	21.64%	2.086%
95	13.234	3771	3777	3784	rBV2	41038	59395	3.40%	0.327%
96	13.504	3855	3861	3867	rBV4	73442	106064	6.06%	0.585%
97	13.942	3989	3997	4009	rBV4	77716	155636	8.90%	0.858%
98	14.141	4052	4059	4077	rVB6	85838	164764	9.42%	0.908%
99	14.340	4112	4121	4135	rVB4	81395	171775	9.82%	0.947%
100	16.424	4760	4769	4781	rBV	460559	760939	43.51%	4.195%

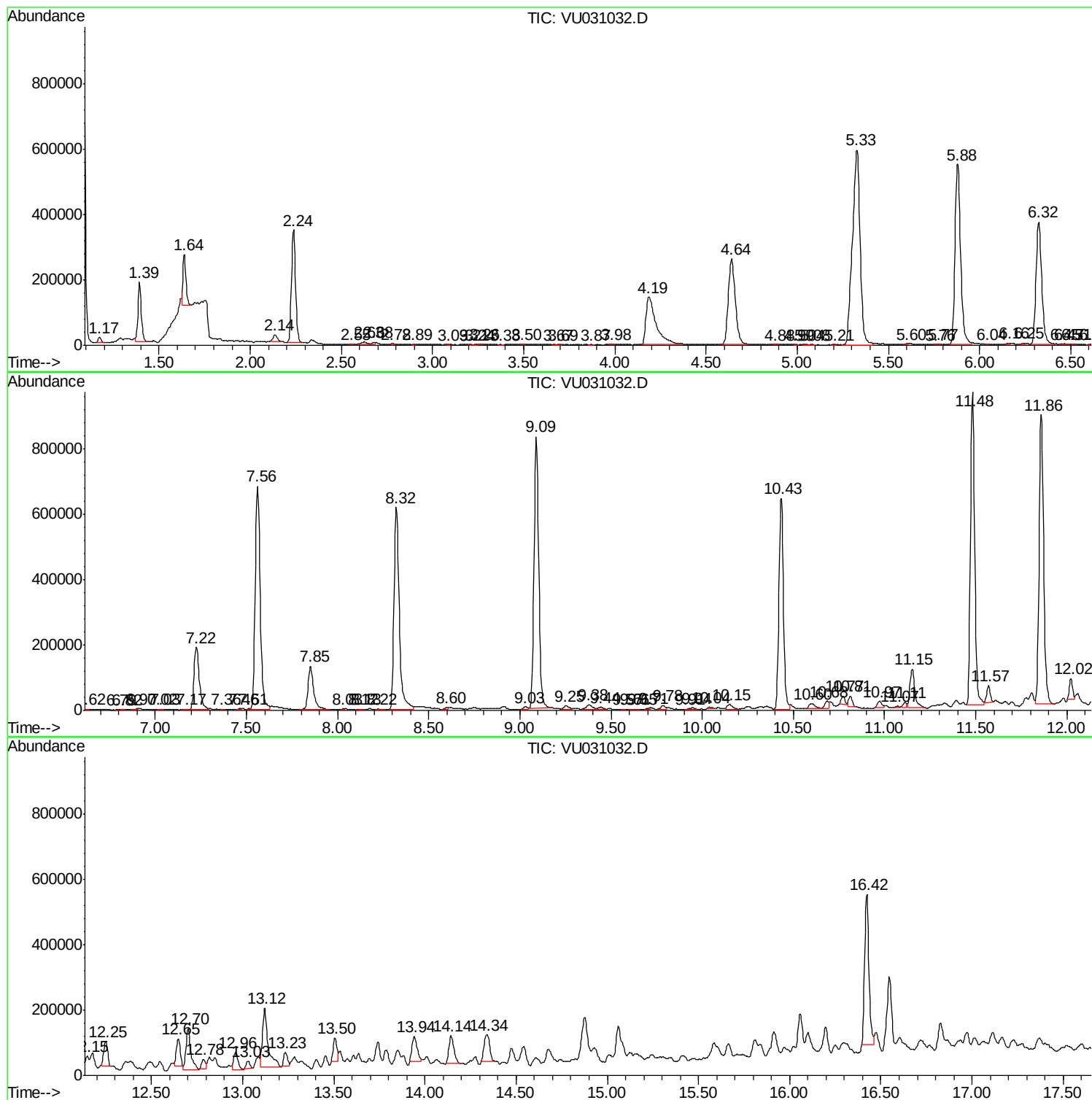
Sum of corrected areas: 18140472

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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Sample : K2254-19ME
Misc : 3.75µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BFC40ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75u/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

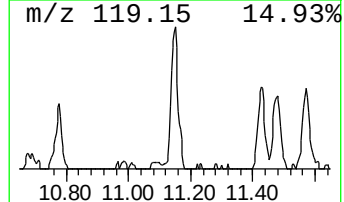
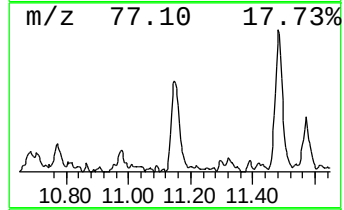
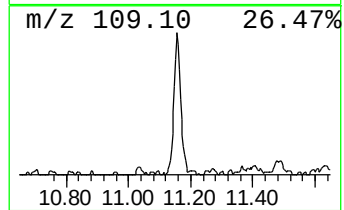
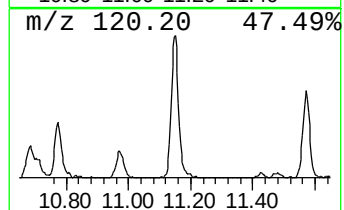
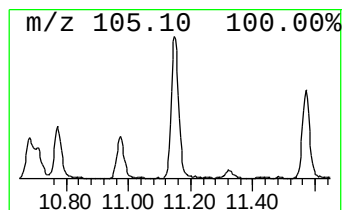
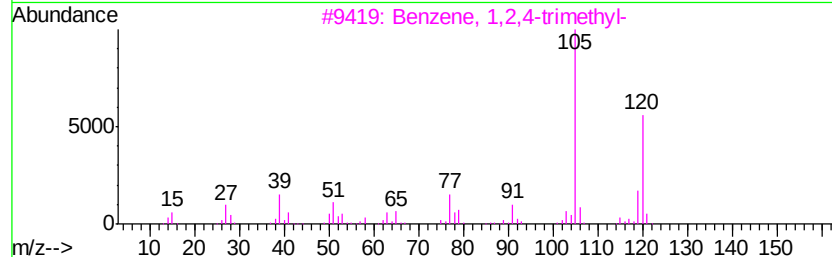
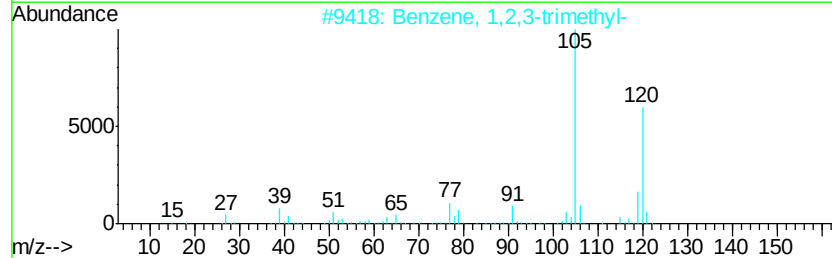
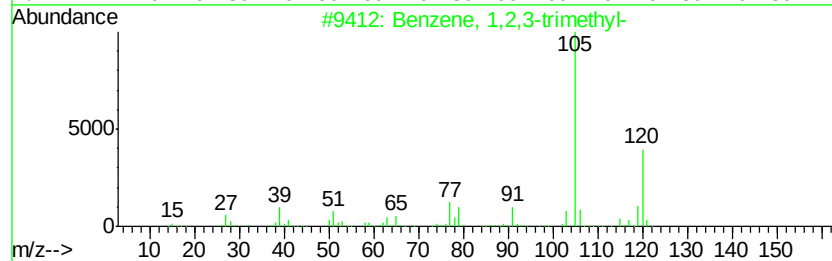
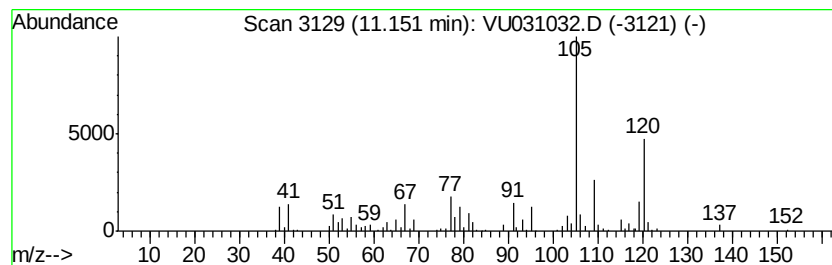
Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.15	7.31 ug/L	226667	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89



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Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

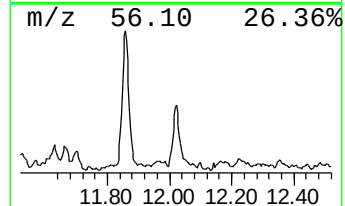
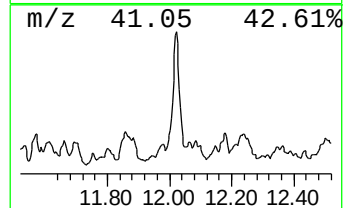
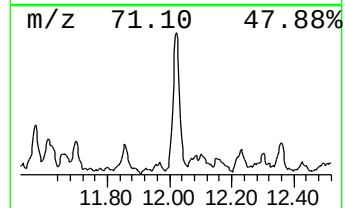
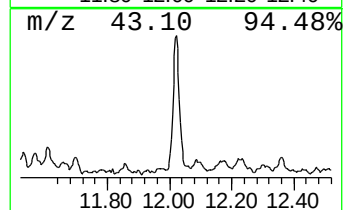
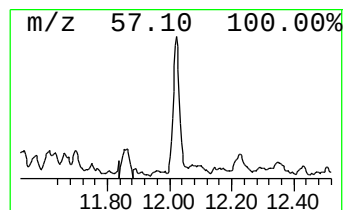
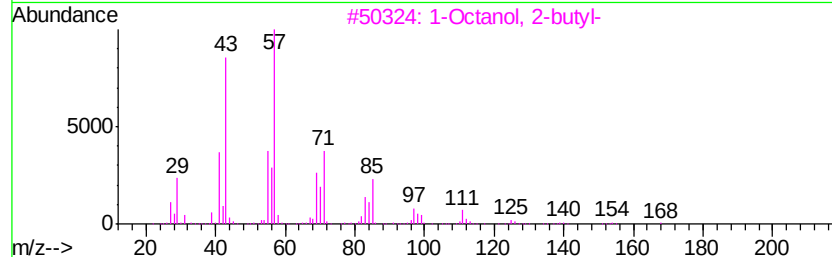
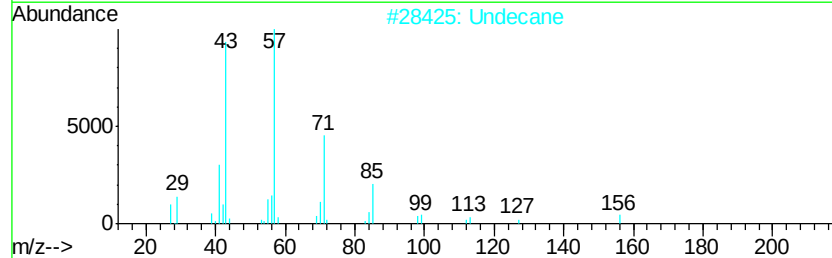
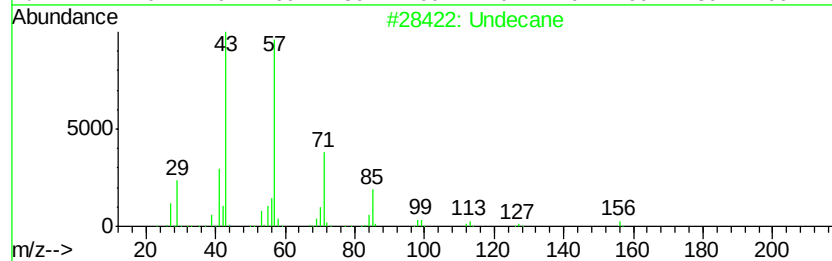
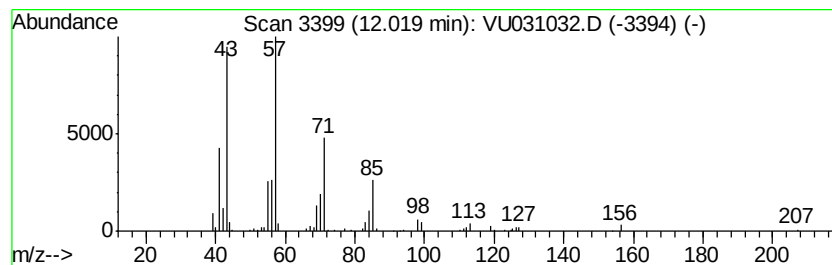
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.55 ug/L	79012	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Undecane	156	C11H24	001120-21-4	87
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	83
4		Undecane	156	C11H24	001120-21-4	83
5		Decane	142	C10H22	000124-18-5	78



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Instrument :
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ClientSampleId :
BFC40ME

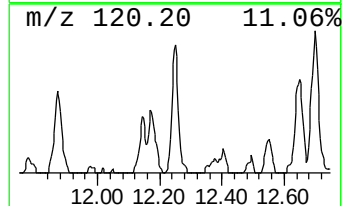
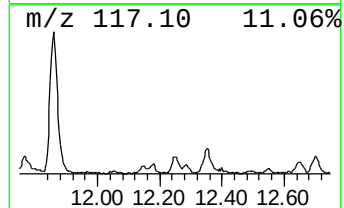
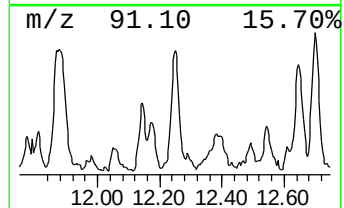
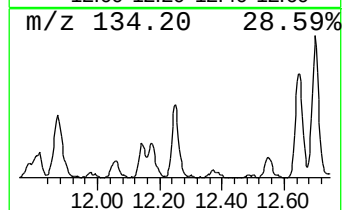
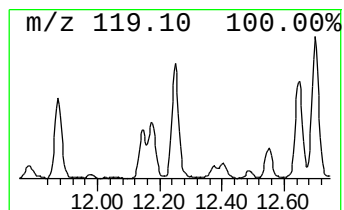
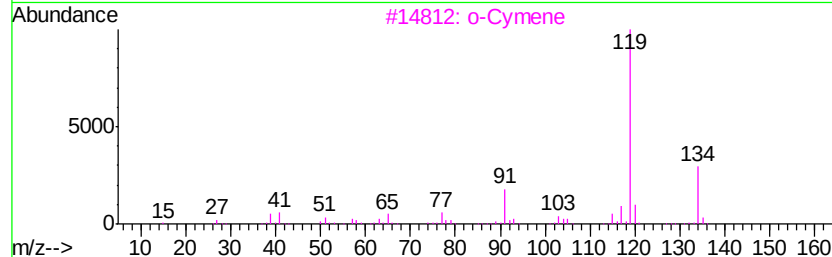
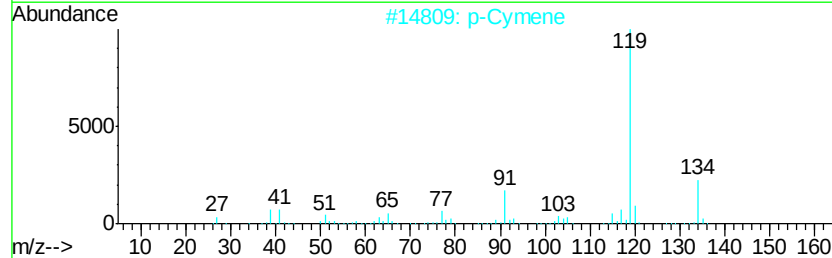
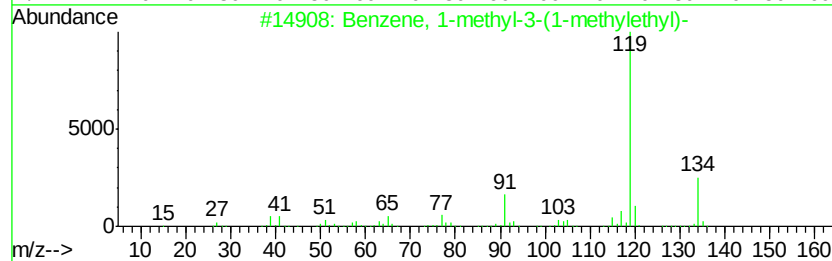
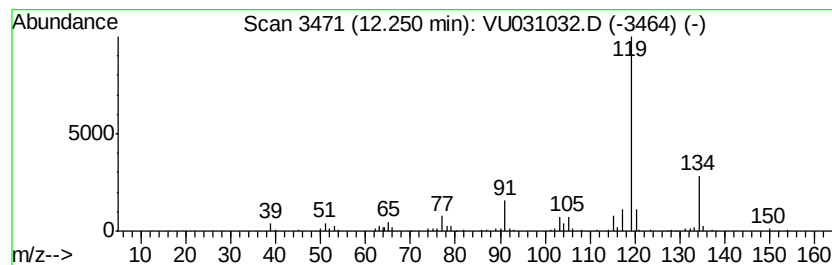
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.67 ug/L	113648	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

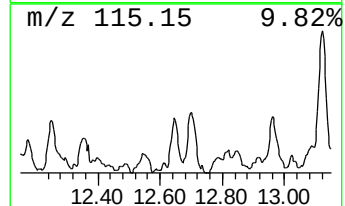
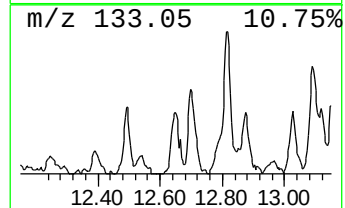
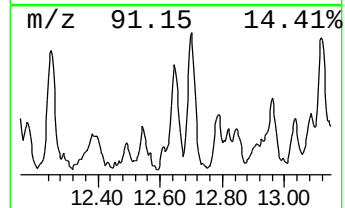
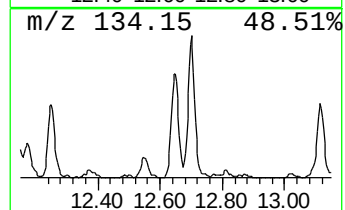
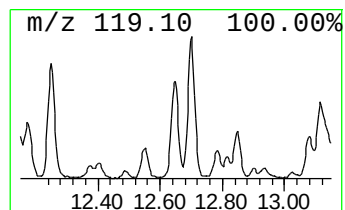
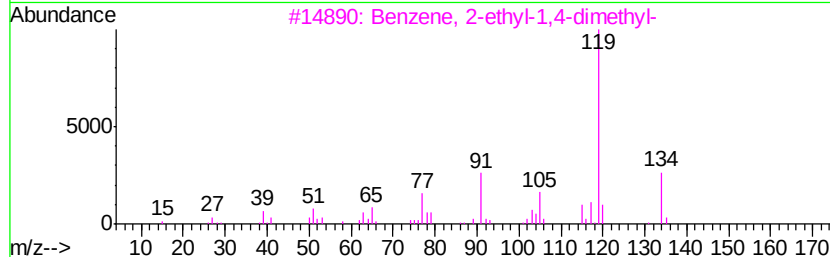
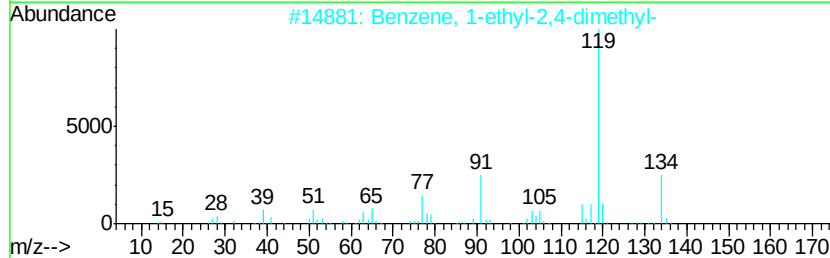
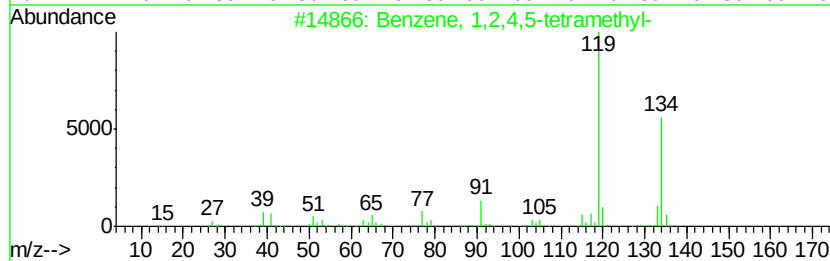
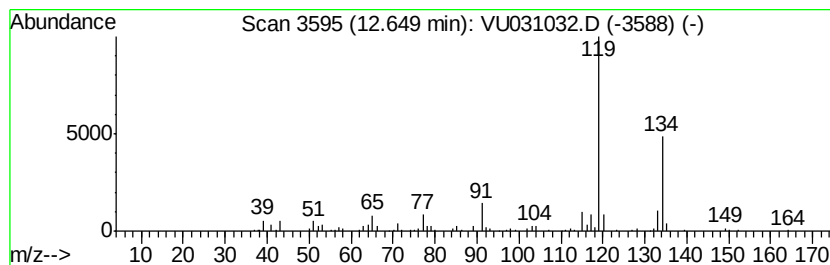
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.10 ug/L	127018	1,4-Dichlorobenzene-d4	11.48

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

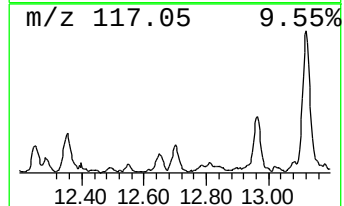
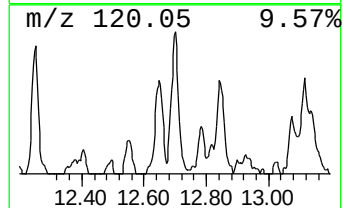
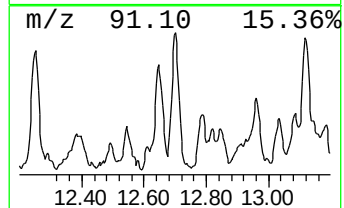
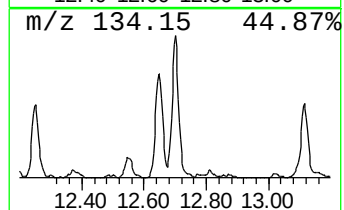
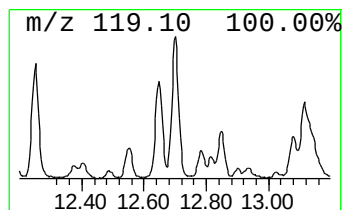
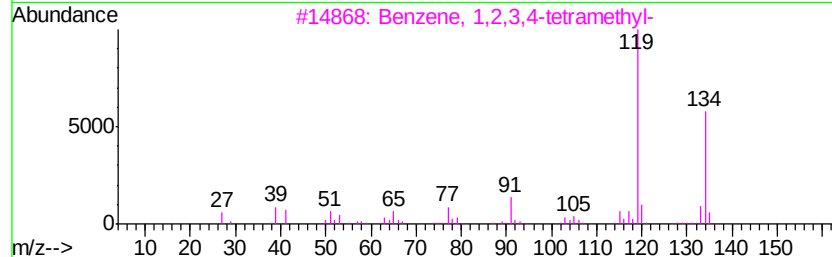
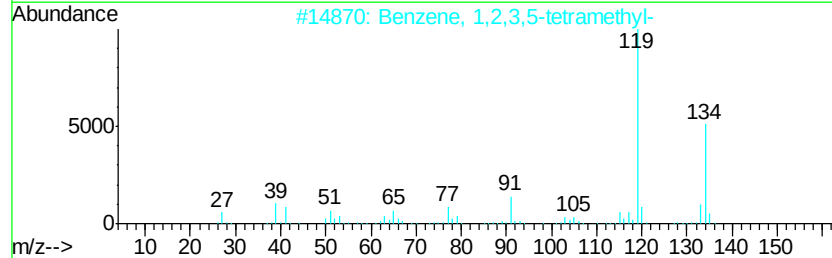
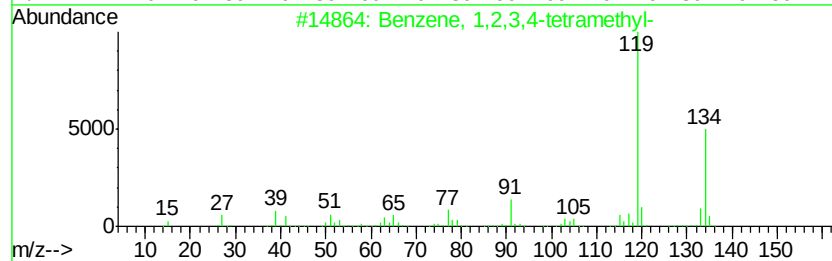
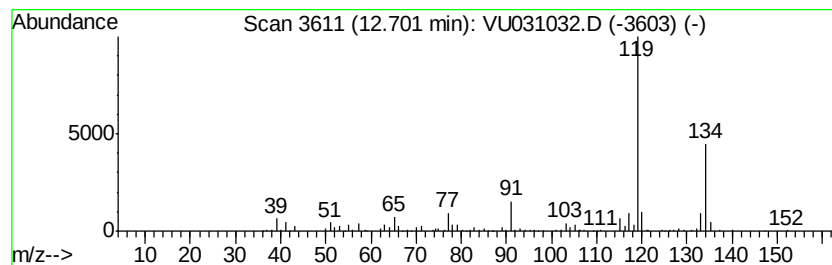
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.35 ug/L	227863	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

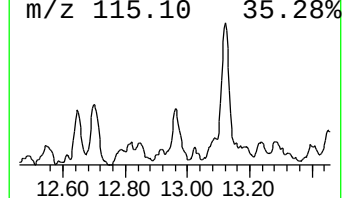
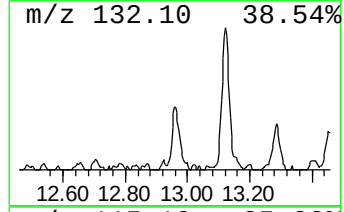
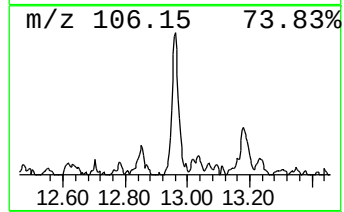
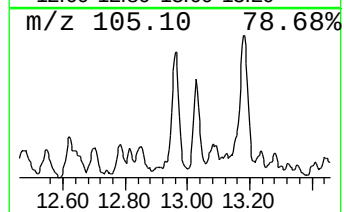
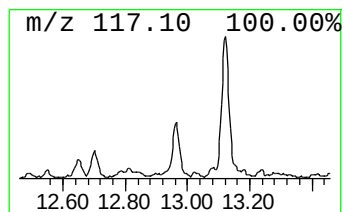
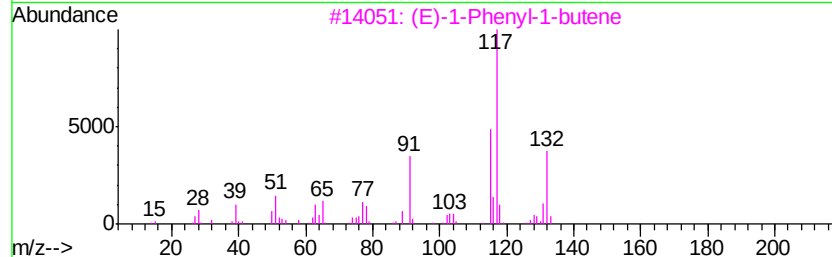
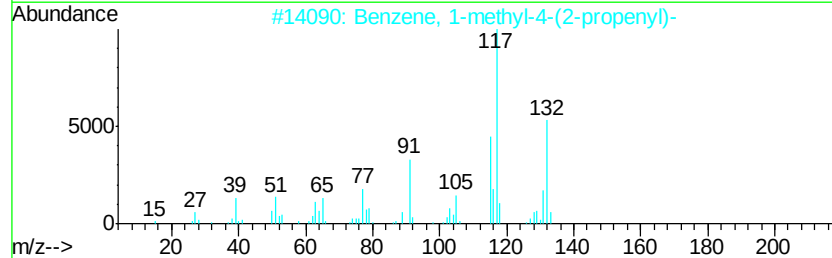
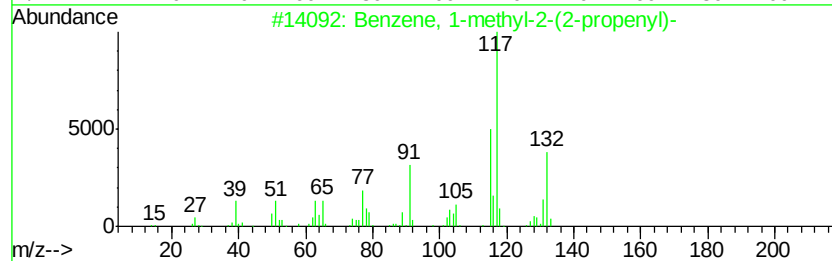
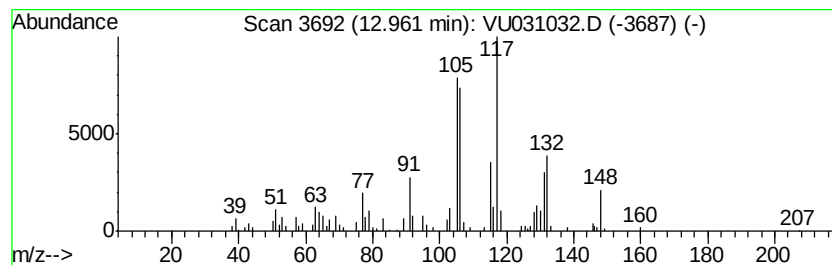
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.69 ug/L	83393	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5		Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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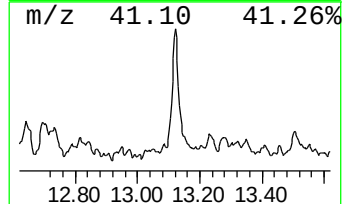
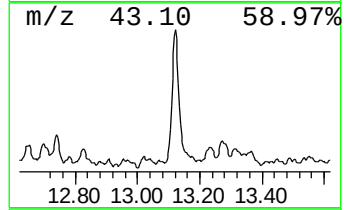
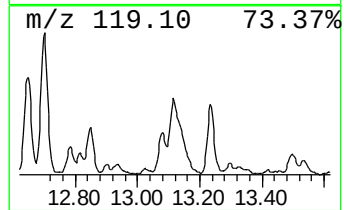
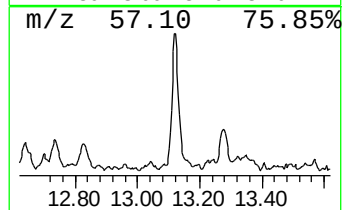
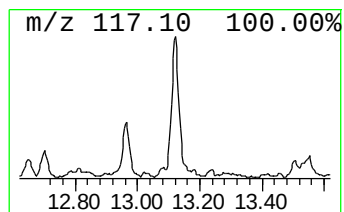
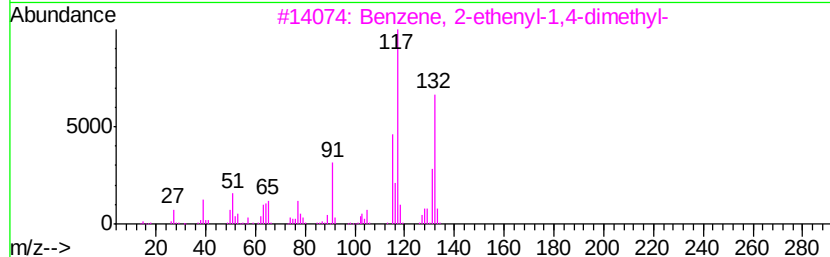
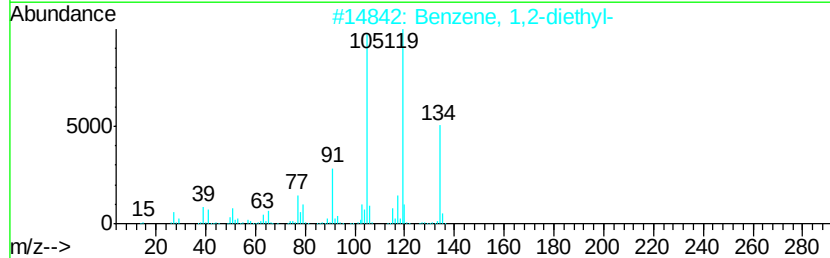
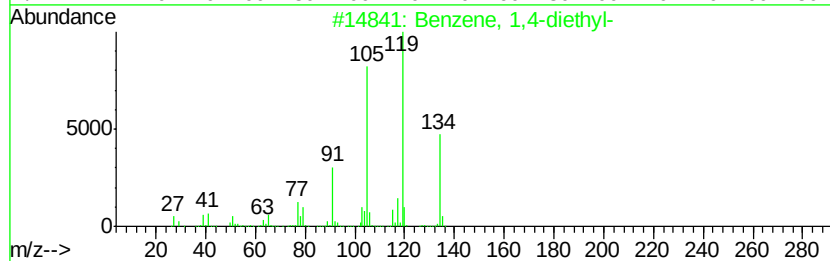
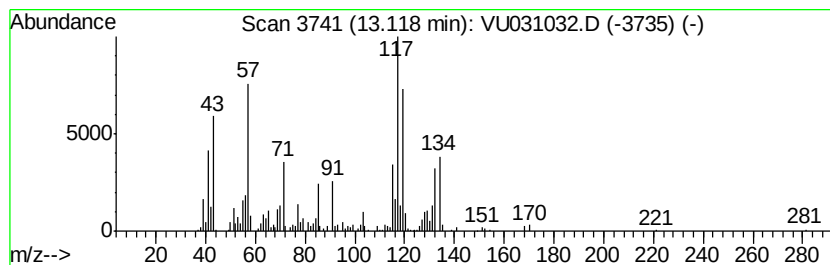
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	12.20 ug/L	378393	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	43
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	43
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	42
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	42
5		Benzene, tert-butyl-	134	C10H14	000098-06-6	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

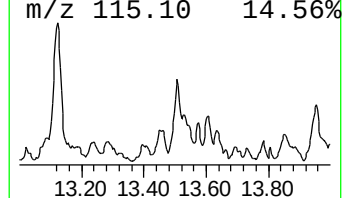
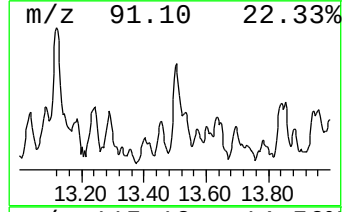
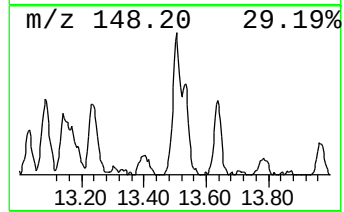
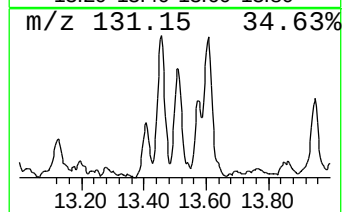
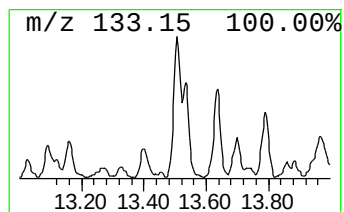
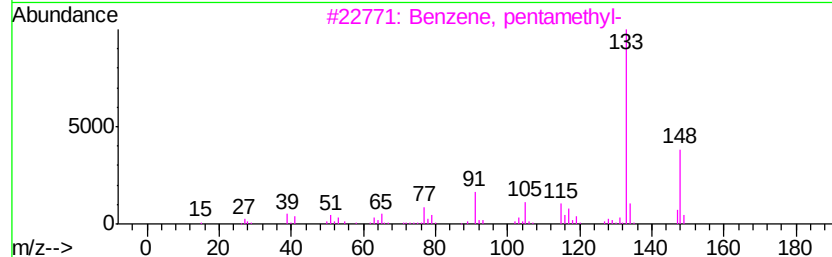
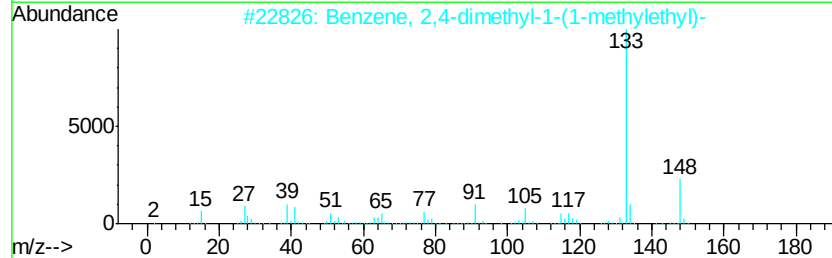
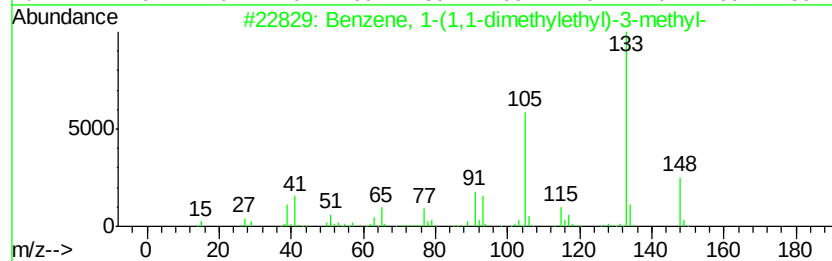
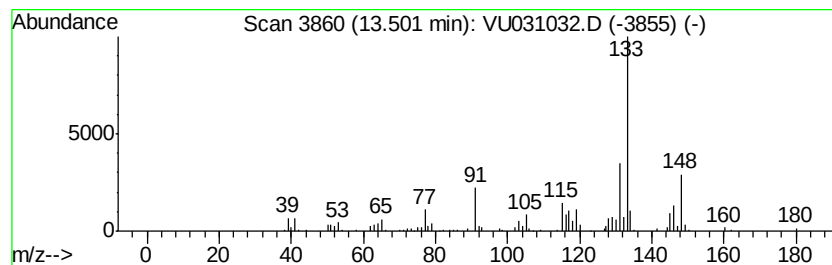
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-(1,1-dimethyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.42 ug/L	106064	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-(1,1-dimethylethyl)-3...	148 C11H16	001075-38-3 58
2		Benzene, 2,4-dimethyl-1-(1-methy...	148 C11H16	004706-89-2 58
3		Benzene, pentamethyl-	148 C11H16	000700-12-9 58
4		Benzene, 1,3-dimethyl-5-(1-methy...	148 C11H16	004706-90-5 58
5		1,5,6,7-Tetramethylbicyclo[3.2.0...	148 C11H16	134329-46-7 58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75u/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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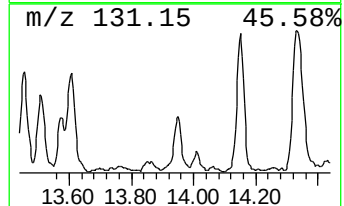
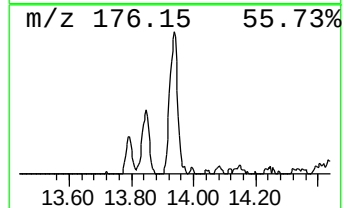
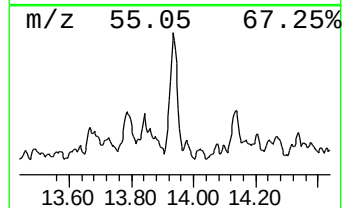
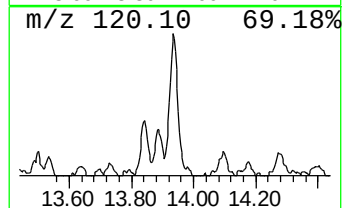
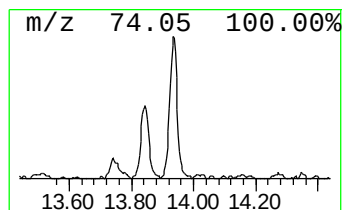
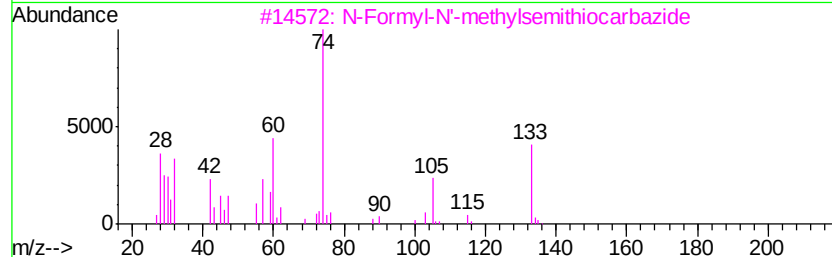
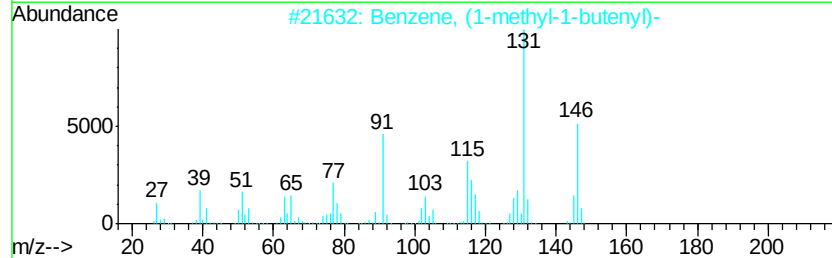
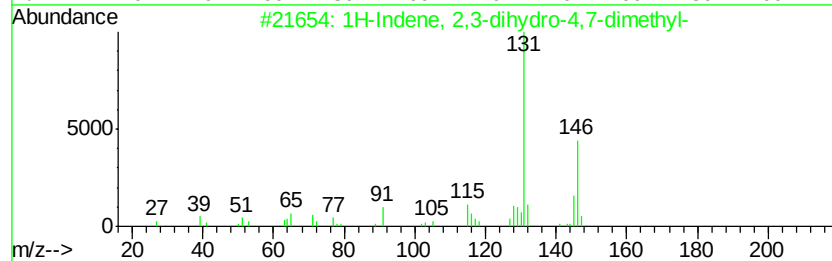
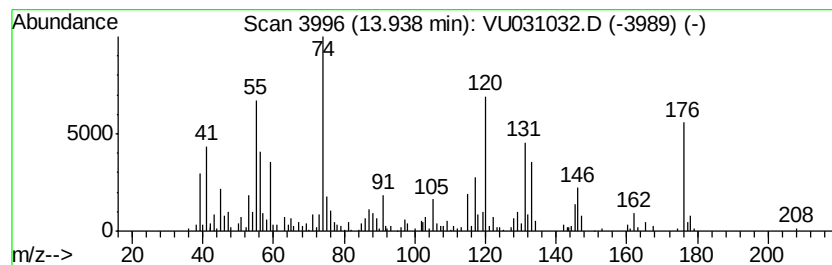
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.02 ug/L	155636	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
3		N-Formyl-N'-methylsemithiocarbazide	133	C3H7N3OS	058064-52-1	22
4		5-Methylamino-1,3,4-thiadiazole-...	131	C3H5N3OS	1000288-74-0	22
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	15



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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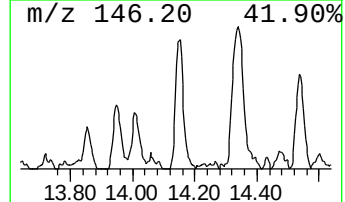
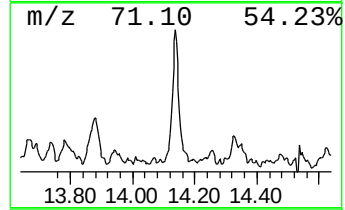
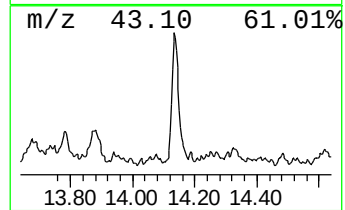
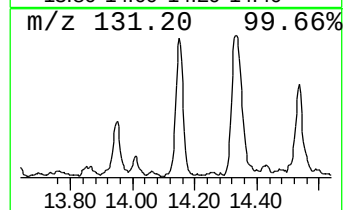
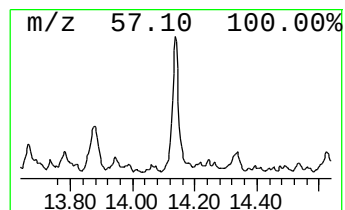
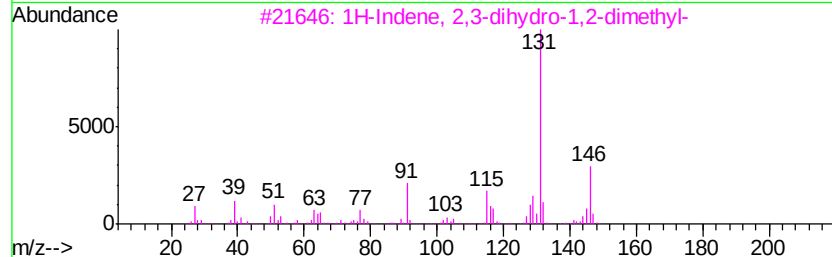
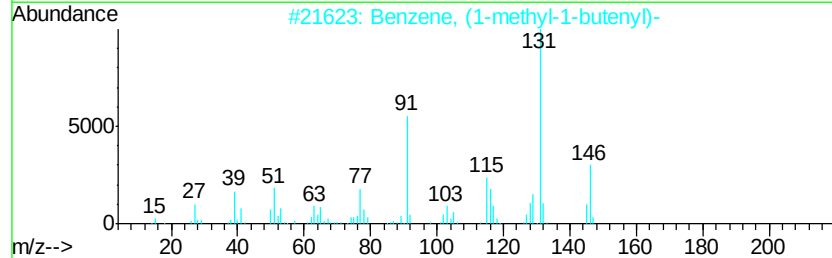
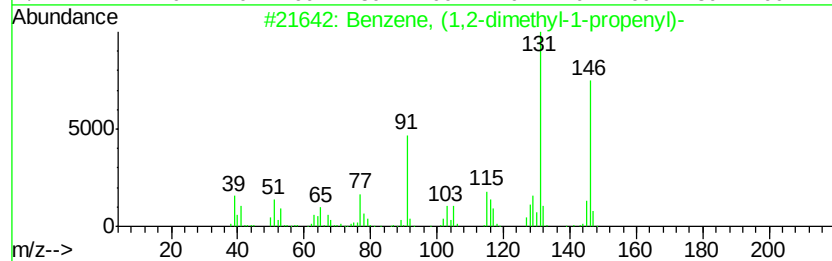
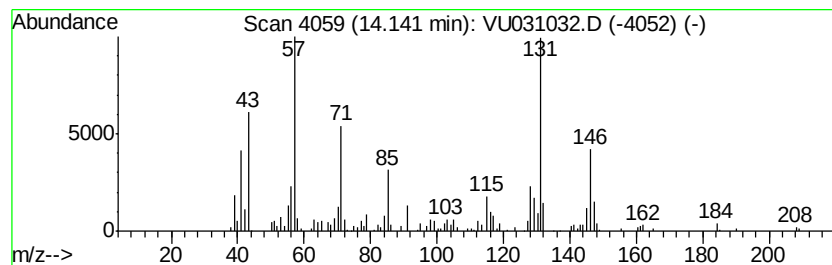
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	5.31 ug/L	164764	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
3			1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	64
4			1H-Indene, 2,3-dihydro-4,7-dimethyl-	146	C11H14	006682-71-9	64
5			1H-Indene, 2,3-dihydro-5,6-dimethyl-	146	C11H14	001075-22-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

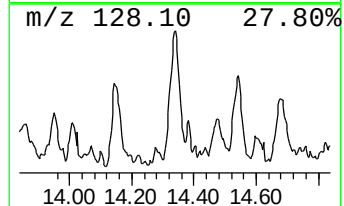
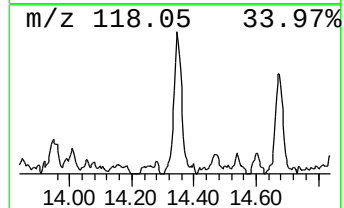
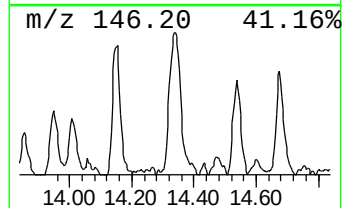
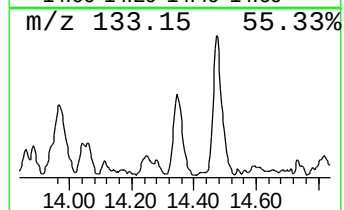
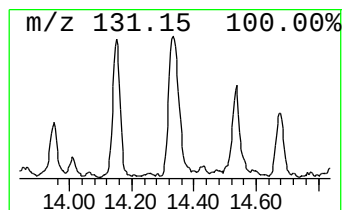
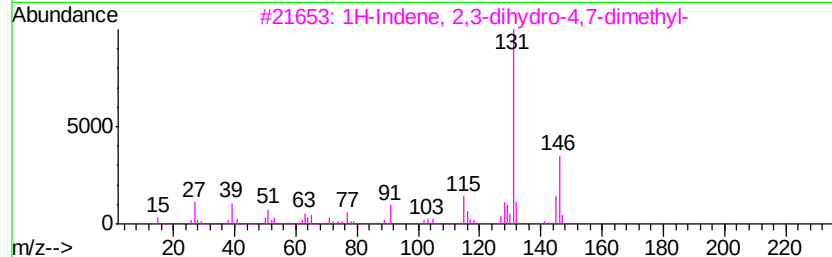
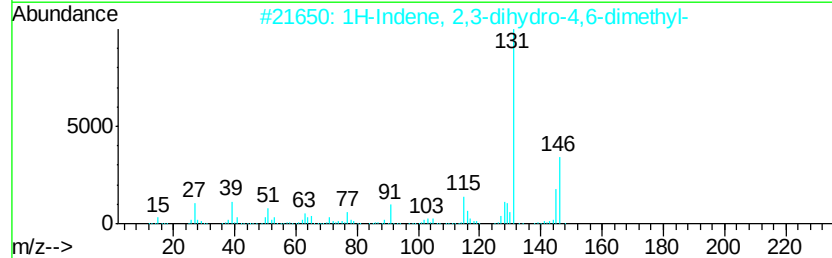
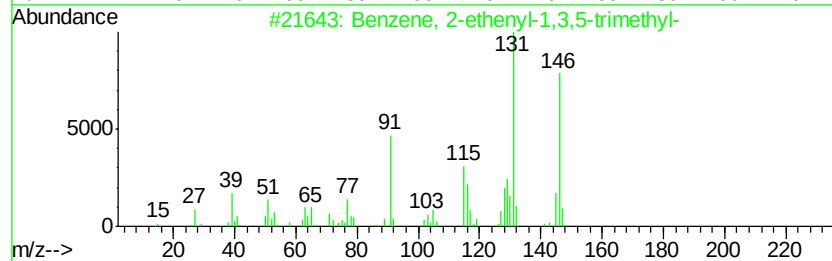
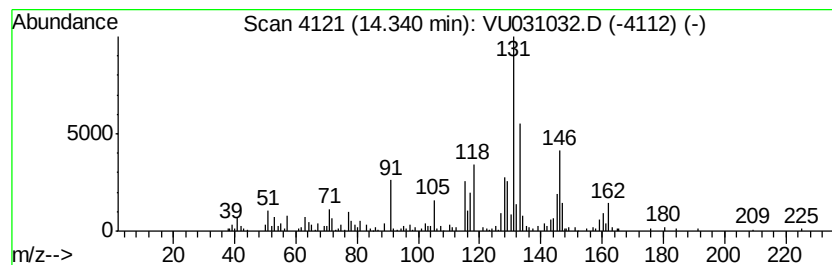
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.54 ug/L	171775	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

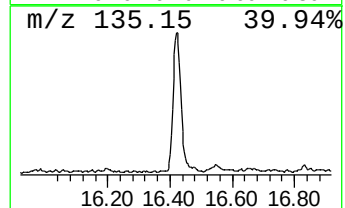
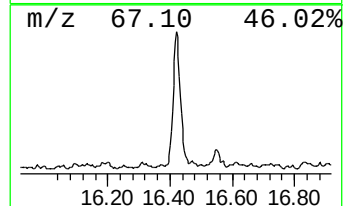
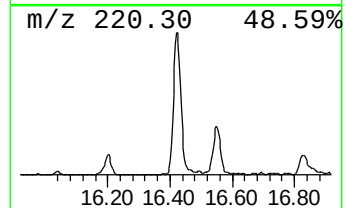
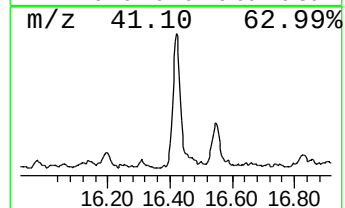
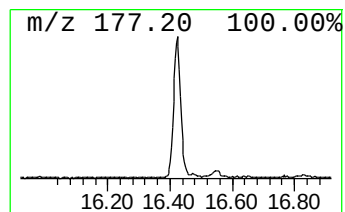
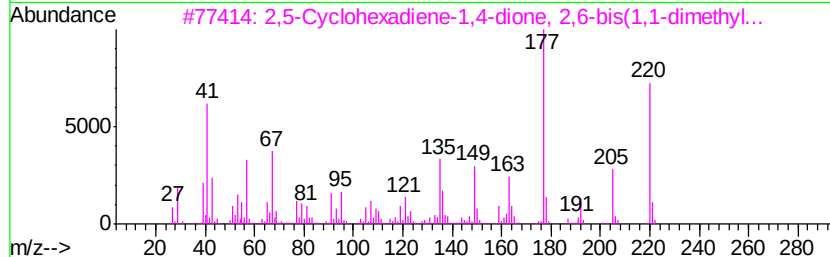
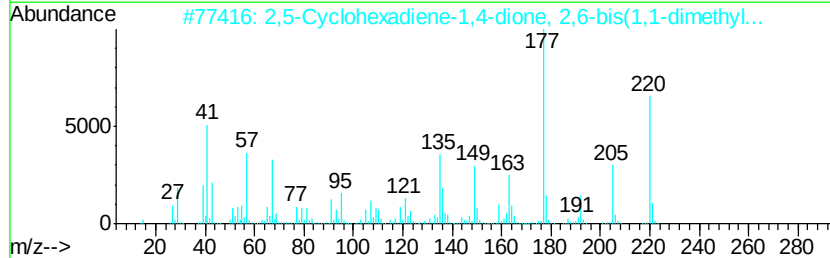
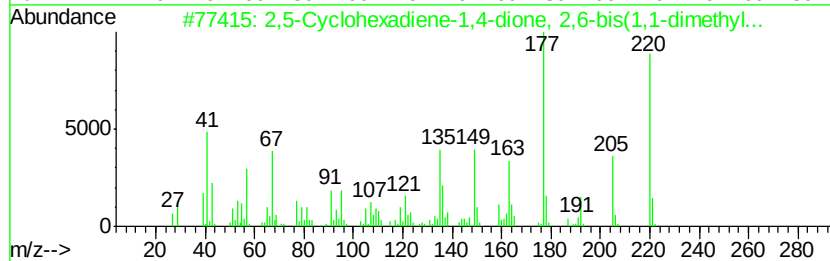
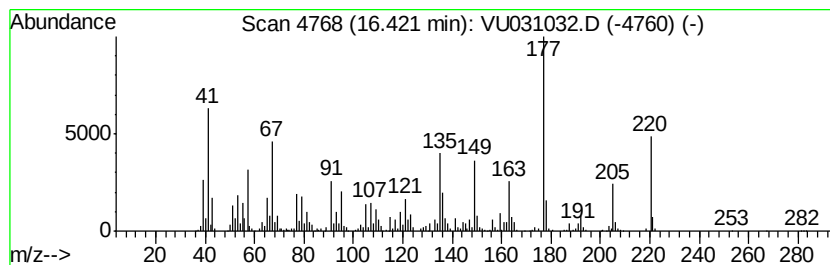
Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	24.54 ug/L	760939	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220 C14H20O2	000719-22-2	99
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220 C14H20O2	000719-22-2	94
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220 C14H20O2	000719-22-2	91
4	Thiocoumarine, 4,4,6,7-tetramethyl-	220 C13H16OS	1000128-90-2	55
5	2-Butanone, 3-(4-tert-butylpheno...	220 C14H20O2	160875-28-5	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031032.D
Acq On : 10 Apr 2019 23:23
Operator : JC/SP
Sample : K2254-19ME
Misc : 3.75g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC40ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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
Benzene, 1,2,3-tr...	11.15	7.3	ug/L	226667	3	11.48	1550260	50.0
(DEL) Alkane: Str...	12.02	2.5	ug/L	79012	3	11.48	1550260	50.0
Benzene, 1-methyl...	12.25	3.7	ug/L	113648	3	11.48	1550260	50.0
Benzene, 1,2,4,5-...	12.65	4.1	ug/L	127018	3	11.48	1550260	50.0
Benzene, 1,2,3,4-...	12.70	7.3	ug/L	227863	3	11.48	1550260	50.0
Benzene, 1-methyl...	12.96	2.7	ug/L	83393	3	11.48	1550260	50.0
unknown-01	13.12	12.2	ug/L	378393	3	11.48	1550260	50.0
Benzene, 1-(1,1-d...	13.50	3.4	ug/L	106064	3	11.48	1550260	50.0
unknown-02	13.94	5.0	ug/L	155636	3	11.48	1550260	50.0
Benzene, (1,2-dim...	14.14	5.3	ug/L	164764	3	11.48	1550260	50.0
Benzene, 2-etheny...	14.34	5.5	ug/L	171775	3	11.48	1550260	50.0
2,5-Cyclohexadien...	16.42	24.5	ug/L	760939	3	11.48	1550260	50.0