

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036491.D
 Acq On : 16 Jan 2020 01:04
 Operator : JC/MD
 Sample : L1109-09DL 4X
 Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASG8DL

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\SOMULM011420WMA.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	1.613	78	85	95	rBV	226827	237405	4.99%	0.932%
2	2.581	376	386	405	rVB	365863	597409	12.55%	2.346%
3	3.025	522	524	527	rBV	884	539	0.01%	0.002%
4	3.073	533	539	548	rVB8	2898	4467	0.09%	0.018%
5	3.218	575	584	604	rVB2	18584	47777	1.00%	0.188%
6	3.314	611	614	615	rBV3	603	391	0.01%	0.002%
7	3.388	634	637	640	rVB4	638	377	0.01%	0.001%
8	3.411	640	644	651	rBV4	995	1274	0.03%	0.005%
9	3.440	651	653	656	rBV2	435	286	0.01%	0.001%
10	3.514	675	676	679	rBV3	482	233	0.00%	0.001%
11	3.662	718	722	725	rBV2	712	676	0.01%	0.003%
12	3.723	738	741	742	rBV2	805	471	0.01%	0.002%
13	3.797	761	764	770	rVB3	620	564	0.01%	0.002%
14	3.906	795	798	799	rBV	858	353	0.01%	0.001%
15	3.948	807	811	816	rBV3	1016	919	0.02%	0.004%
16	3.977	816	820	823	rBV2	623	623	0.01%	0.002%
17	4.025	833	835	838	rBV2	630	503	0.01%	0.002%
18	4.205	889	891	892	rBV2	401	117	0.00%	0.000%
19	4.231	896	899	901	rBV2	612	334	0.01%	0.001%
20	4.346	932	935	936	rBV	749	358	0.01%	0.001%
21	4.388	944	948	949	rBV2	1082	682	0.01%	0.003%
22	4.407	952	954	957	rVB2	617	408	0.01%	0.002%
23	4.446	963	966	970	rVB2	823	541	0.01%	0.002%
24	4.465	970	972	974	rBV2	468	251	0.01%	0.001%
25	4.678	1024	1038	1064	rBV	195311	471126	9.89%	1.850%
26	4.996	1135	1137	1139	rBV2	879	401	0.01%	0.002%
27	5.047	1150	1153	1154	rBV	387	283	0.01%	0.001%
28	5.108	1154	1172	1193	rVV	342450	769032	16.15%	3.020%
29	5.446	1275	1277	1278	rVB	338	96	0.00%	0.000%
30	5.491	1289	1291	1294	rBV	576	394	0.01%	0.002%
31	5.526	1300	1302	1303	rVB	538	151	0.00%	0.001%
32	5.542	1305	1307	1309	rVV2	811	264	0.01%	0.001%
33	5.559	1309	1312	1317	rVB2	554	368	0.01%	0.001%
34	5.581	1317	1319	1320	rBV	391	136	0.00%	0.001%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	5.591	1320	1322	1324	rBV	315	169	0.00%	0.001%
36	5.761	1355	1375	1398	rBV2	716200	1885113	39.59%	7.403%
37	6.285	1522	1538	1556	rBV	644780	1218336	25.58%	4.784%
38	6.562	1614	1624	1638	rBV3	12708	23881	0.50%	0.094%
39	6.668	1656	1657	1660	rVB	611	229	0.00%	0.001%
40	6.729	1660	1676	1696	rBV	451552	875920	18.39%	3.440%
41	7.108	1792	1794	1796	rBV	498	246	0.01%	0.001%
42	7.176	1812	1815	1818	rVB4	810	424	0.01%	0.002%
43	7.218	1818	1828	1840	rBV9	5980	10488	0.22%	0.041%
44	7.298	1851	1853	1856	rBV2	473	245	0.01%	0.001%
45	7.333	1860	1864	1866	rBV4	912	659	0.01%	0.003%
46	7.385	1878	1880	1882	rBV2	392	155	0.00%	0.001%
47	7.443	1896	1898	1901	rVB	426	206	0.00%	0.001%
48	7.459	1901	1903	1906	rBV2	464	344	0.01%	0.001%
49	7.546	1928	1930	1932	rVB2	678	258	0.01%	0.001%
50	7.597	1932	1946	1962	rBV2	276474	485103	10.19%	1.905%
51	7.867	2029	2030	2032	rBV2	466	161	0.00%	0.001%
52	7.928	2035	2049	2064	rBV	929437	1590162	33.39%	6.244%
53	8.163	2119	2122	2123	rBV	404	219	0.00%	0.001%
54	8.208	2124	2136	2150	rVV	202450	341592	7.17%	1.341%
55	8.456	2210	2213	2214	rBV	422	283	0.01%	0.001%
56	8.488	2221	2223	2231	rVB5	917	699	0.01%	0.003%
57	8.671	2267	2280	2305	rBV	690484	1225460	25.73%	4.812%
58	8.861	2336	2339	2343	rBV2	878	639	0.01%	0.003%
59	8.944	2363	2365	2368	rBV2	1329	946	0.02%	0.004%
60	9.005	2381	2384	2388	rVB3	737	445	0.01%	0.002%
61	9.066	2400	2403	2405	rBV2	844	479	0.01%	0.002%
62	9.092	2405	2411	2414	rBV3	776	989	0.02%	0.004%
63	9.237	2453	2456	2459	rBV	768	401	0.01%	0.002%
64	9.253	2459	2461	2470	rVB5	698	823	0.02%	0.003%
65	9.298	2470	2475	2476	rBV2	1043	814	0.02%	0.003%
66	9.446	2507	2521	2541	rBV	969735	1596936	33.53%	6.271%
67	9.719	2597	2606	2614	rBV3	5724	9278	0.19%	0.036%
68	9.793	2626	2629	2631	rBV3	740	486	0.01%	0.002%
69	9.828	2638	2640	2642	rBV	494	199	0.00%	0.001%
70	10.002	2691	2694	2697	rBV	576	413	0.01%	0.002%
71	10.259	2772	2774	2775	rBV	656	329	0.01%	0.001%

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72	10.388	2812	2814	2821	rVB3	811	524	0.01%	0.002%
73	10.452	2832	2834	2837	rBV3	582	326	0.01%	0.001%
74	10.719	2916	2917	2919	rBV	469	259	0.01%	0.001%
75	10.783	2923	2937	2952	rVV	705843	1146275	24.07%	4.501%
76	11.381	3120	3123	3126	rBV3	1083	886	0.02%	0.003%
77	11.465	3147	3149	3150	rBV	766	336	0.01%	0.001%
78	11.491	3150	3157	3164	rVV4	7435	10809	0.23%	0.042%
79	11.835	3251	3264	3279	rBV	1018175	1648278	34.61%	6.473%
80	12.214	3372	3382	3397	rVB	1044028	1701862	35.74%	6.683%
81	12.513	3458	3475	3487	rBV3	54348	118809	2.49%	0.467%
82	12.590	3492	3499	3506	rBV	53958	74769	1.57%	0.294%
83	13.044	3633	3640	3656	rVB	283040	454941	9.55%	1.786%
84	16.275	4636	4645	4655	rBV	2543477	4132924	86.79%	16.229%
85	16.423	4683	4691	4698	rBV	3035559	4762083	100.00%	18.700%

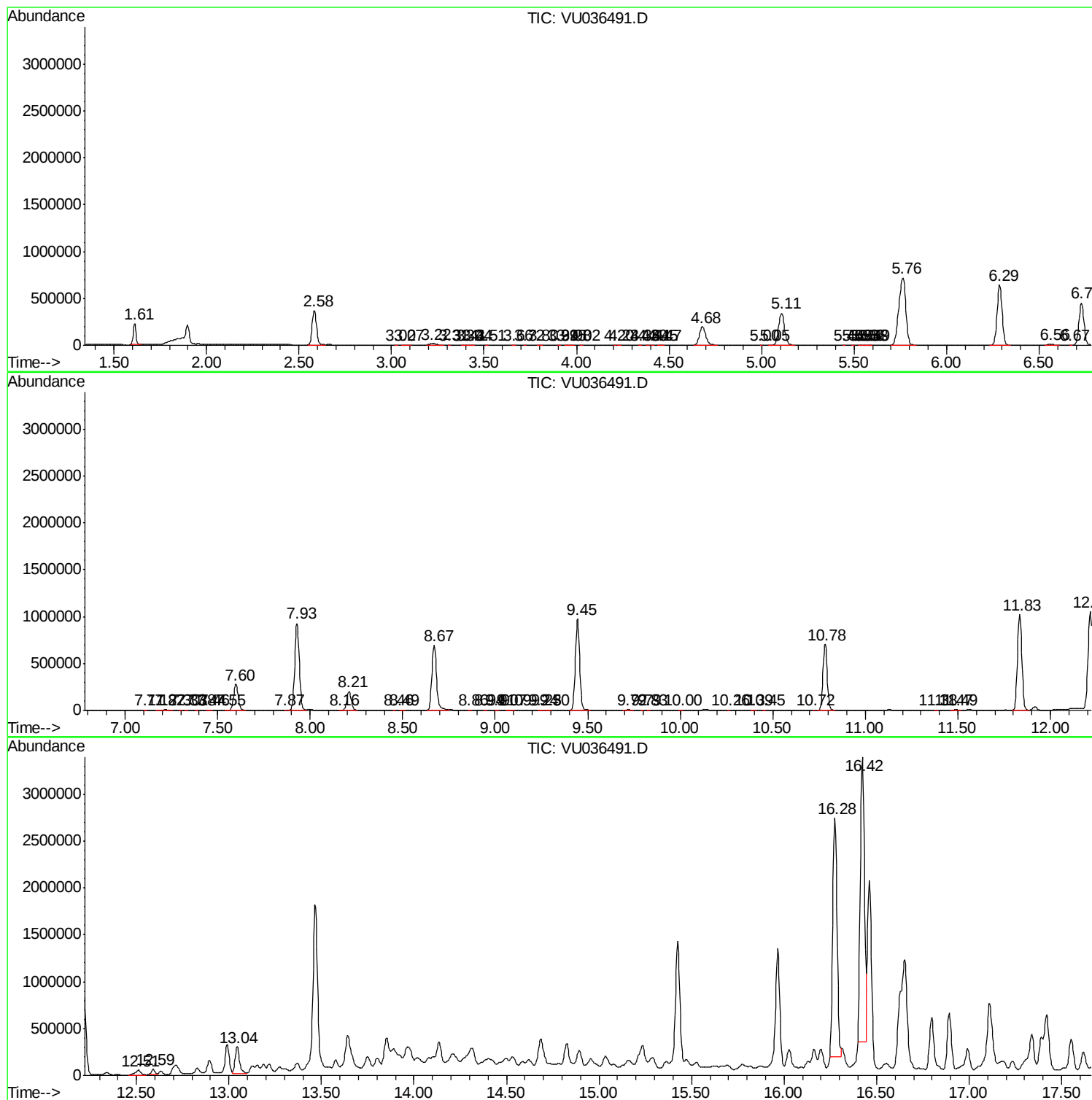
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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



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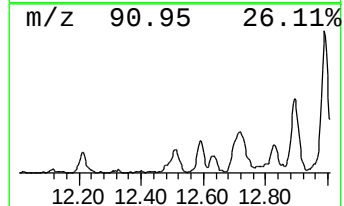
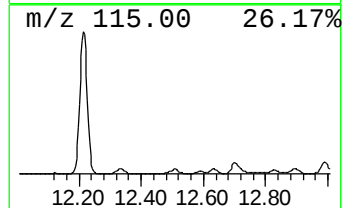
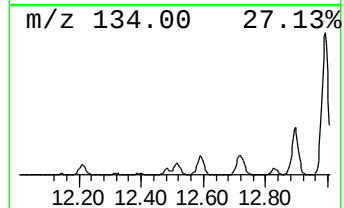
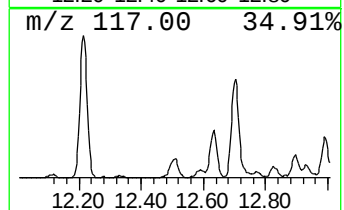
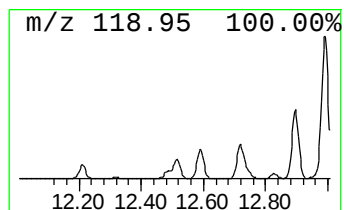
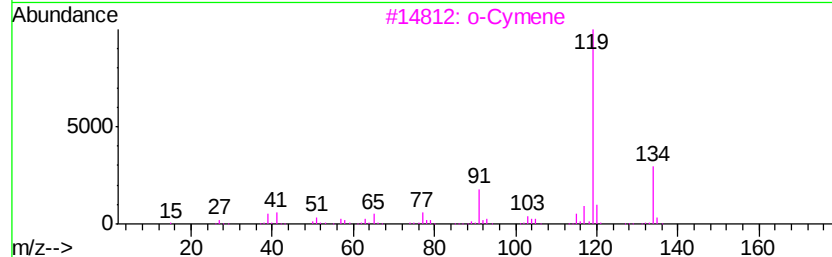
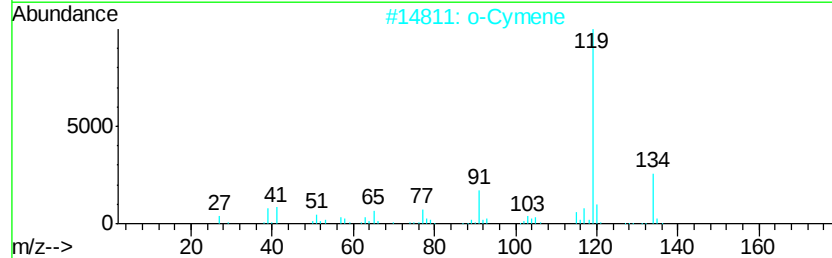
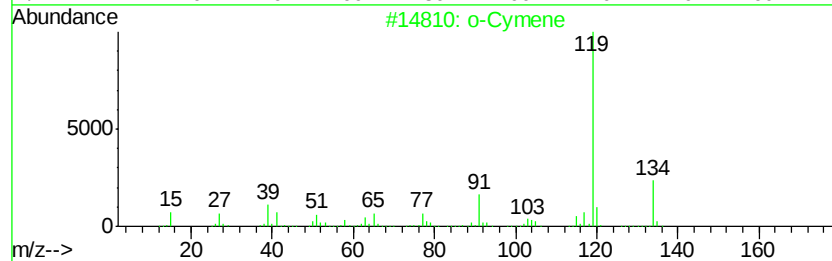
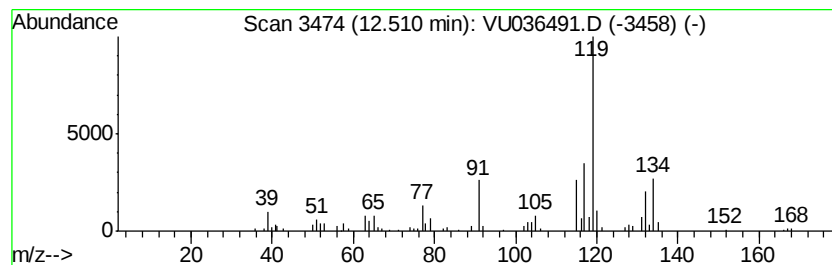
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.60 ug/L	118809	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	70
2		o-Cymene	134	C10H14	000527-84-4	70
3		o-Cymene	134	C10H14	000527-84-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5		p-Cymene	134	C10H14	000099-87-6	70



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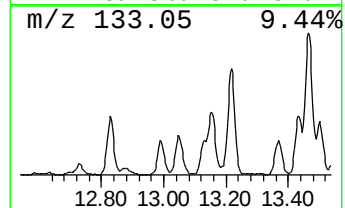
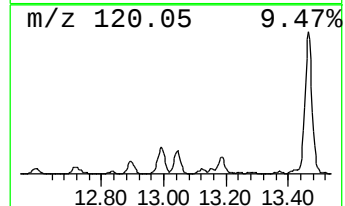
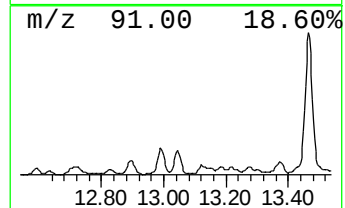
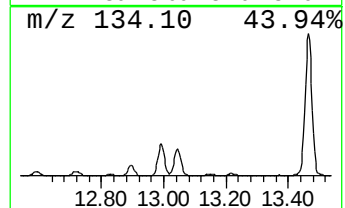
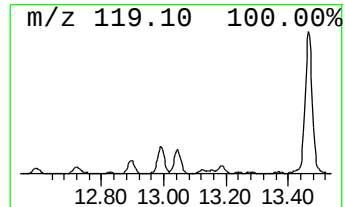
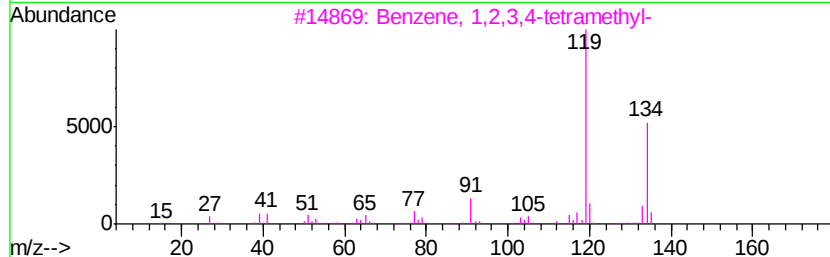
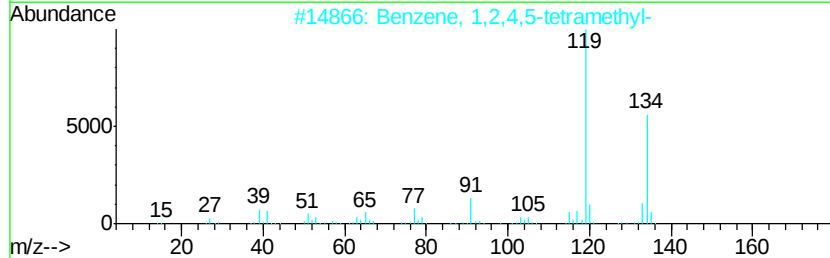
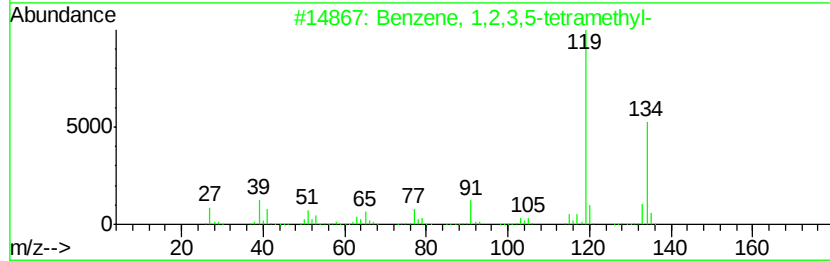
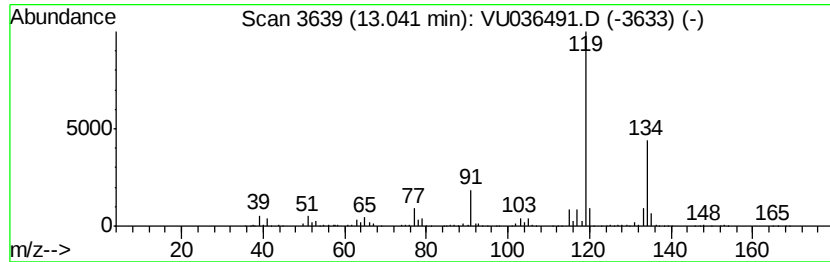
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	13.80 ug/L	454941	1,4-Dichlorobenzene-d4	11.83

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



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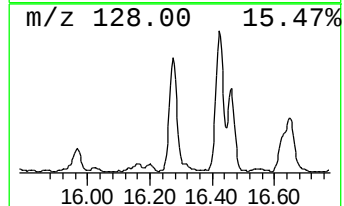
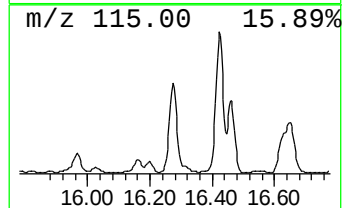
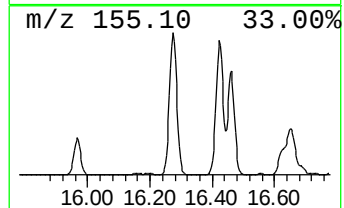
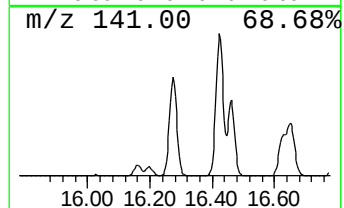
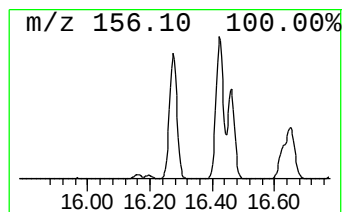
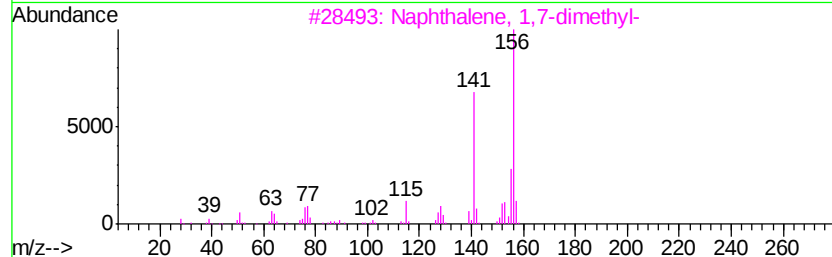
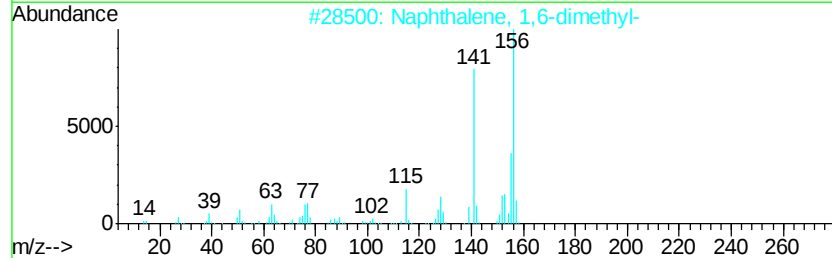
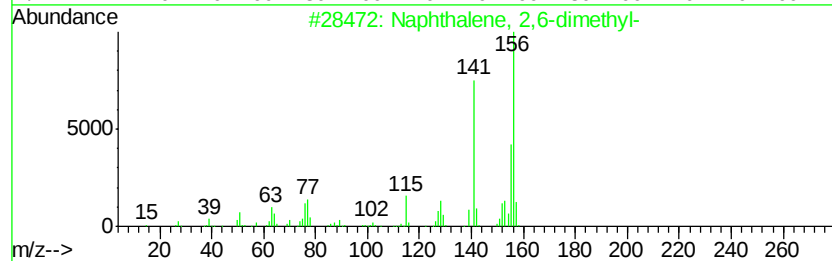
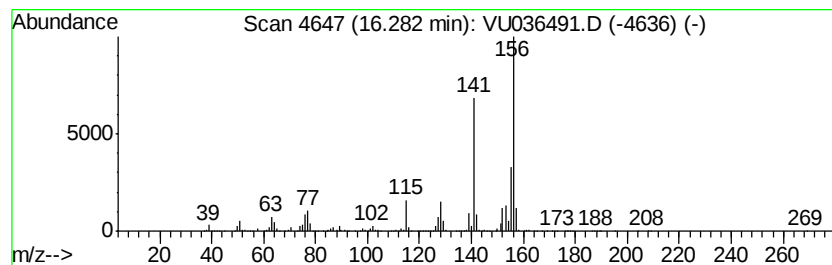
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	125.37 ug/L	4132920	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



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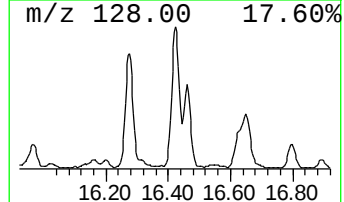
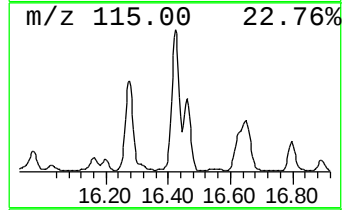
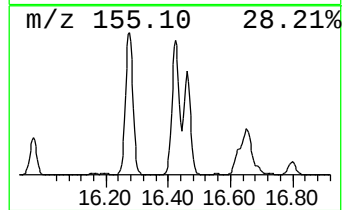
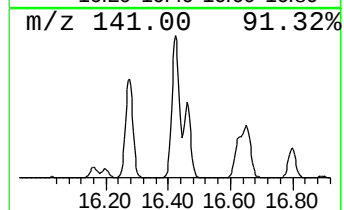
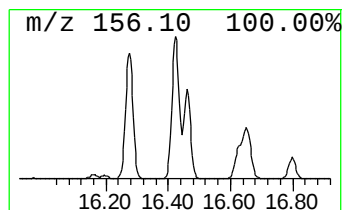
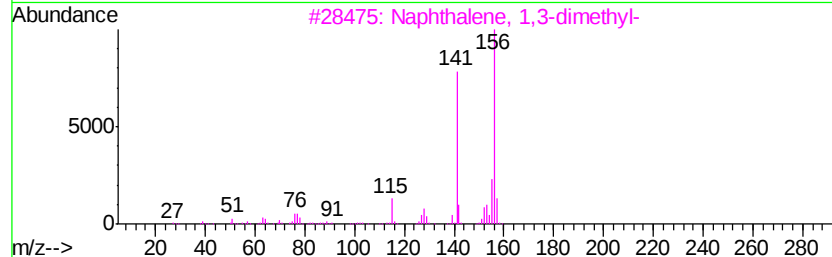
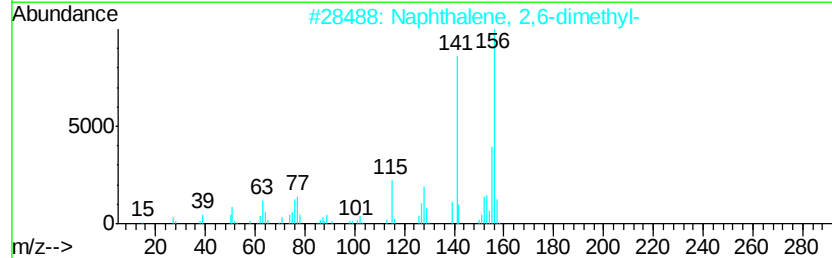
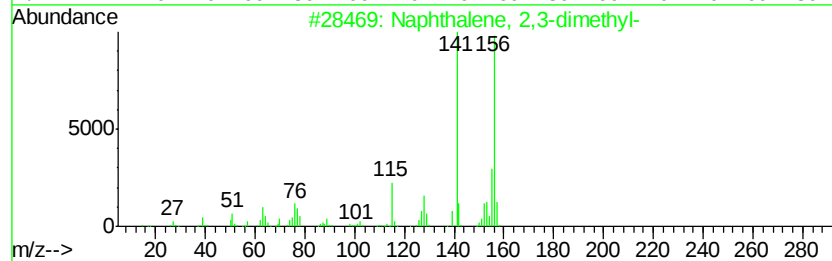
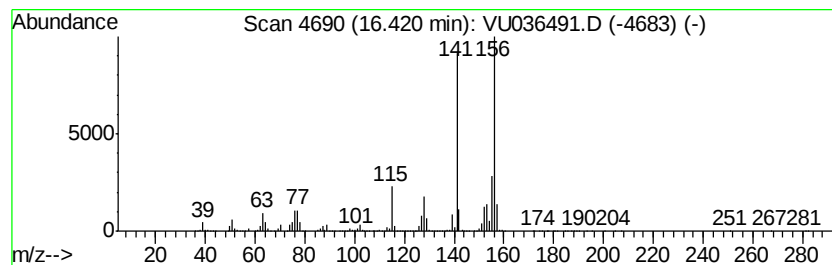
Instrument :
MSVOA_U
ClientSampleId :
GASG8DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.42	144.46 ug/L	4762080	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036491.D
Acq On : 16 Jan 2020 01:04
Operator : JC/MD
Sample : L1109-09DL 4X
Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASG8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.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
o-Cymene	12.51	3.6	ug/L	118809	3	11.83	1648280	50.0
Benzene, 1,2,3,5-...	13.04	13.8	ug/L	454941	3	11.83	1648280	50.0
Naphthalene, 2,6-...	16.28	125.4	ug/L	4132920	3	11.83	1648280	50.0
Naphthalene, 2,3-...	16.42	144.5	ug/L	4762080	3	11.83	1648280	50.0