

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
 Data File : VU036407.D
 Acq On : 08 Jan 2020 15:05
 Operator : JC/MD
 Sample : L1042-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRA4

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\SOMULM122719WMA.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	1.369	3	9	18	rBV2	29536	31816	1.67%	0.184%
2	1.617	78	86	95	rBV	226773	250463	13.12%	1.449%
3	1.703	107	113	120	rVB	24995	28470	1.49%	0.165%
4	1.932	176	184	197	rVB	192347	248051	12.99%	1.435%
5	2.594	377	390	404	rBV	372510	623076	32.63%	3.605%
6	2.800	443	454	468	rBV2	32471	67899	3.56%	0.393%
7	3.092	541	545	548	rBV5	989	1064	0.06%	0.006%
8	3.228	574	587	604	rVB	22171	50620	2.65%	0.293%
9	3.334	616	620	625	rBV7	1175	1609	0.08%	0.009%
10	3.372	629	632	635	rBV4	1307	1101	0.06%	0.006%
11	3.408	640	643	653	rVB8	2740	4283	0.22%	0.025%
12	3.478	659	665	667	rBV4	873	1064	0.06%	0.006%
13	3.530	673	681	686	rVB7	1054	1523	0.08%	0.009%
14	3.581	693	697	703	rVB6	1034	1358	0.07%	0.008%
15	3.610	703	706	708	rBV3	1348	1010	0.05%	0.006%
16	3.736	742	745	752	rVV4	1005	1079	0.06%	0.006%
17	3.858	778	783	785	rVB3	1278	1048	0.05%	0.006%
18	3.877	785	789	791	rBV2	1000	885	0.05%	0.005%
19	3.919	791	802	814	rVB3	6381	13613	0.71%	0.079%
20	4.031	834	837	842	rVB6	1677	1477	0.08%	0.009%
21	4.681	1023	1039	1076	rBV	180900	476797	24.97%	2.759%
22	4.970	1127	1129	1136	rVB5	1621	1615	0.08%	0.009%
23	5.112	1157	1173	1196	rBV	341010	766203	40.13%	4.433%
24	5.321	1232	1238	1239	rBV5	1778	1479	0.08%	0.009%
25	5.414	1264	1267	1272	rVB5	1631	1382	0.07%	0.008%
26	5.681	1347	1350	1354	rBV4	1231	980	0.05%	0.006%
27	5.768	1355	1377	1404	rBV2	707895	1909323	100.00%	11.047%
28	6.009	1445	1452	1457	rBV7	1964	3096	0.16%	0.018%
29	6.288	1523	1539	1562	rBV	568897	1105677	57.91%	6.397%
30	6.578	1619	1629	1638	rBV7	21869	41087	2.15%	0.238%
31	6.645	1649	1650	1656	rVB4	2038	1272	0.07%	0.007%
32	6.732	1661	1677	1704	rBV	438419	888306	46.52%	5.140%
33	7.221	1821	1829	1842	rVB10	5428	10251	0.54%	0.059%
34	7.600	1932	1947	1970	rBV	272174	497110	26.04%	2.876%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Title : VOC Analysis

35	7.931	2032	2050	2066	rBV	863198	1550634	81.21%	8.972%
36	8.211	2124	2137	2164	rBV	183974	338547	17.73%	1.959%
37	8.485	2219	2222	2225	rBV3	1294	1024	0.05%	0.006%
38	8.501	2225	2227	2231	rVB4	1219	944	0.05%	0.005%
39	8.520	2231	2233	2238	rVB4	1052	898	0.05%	0.005%
40	8.581	2242	2252	2263	rBV2	46926	79521	4.16%	0.460%
41	8.671	2267	2280	2322	rBV	403156	1049734	54.98%	6.074%
42	9.185	2436	2440	2446	rBV6	1456	1812	0.09%	0.010%
43	9.446	2507	2521	2546	rBV	782411	1389494	72.77%	8.039%
44	9.594	2560	2567	2576	rBV8	2985	4273	0.22%	0.025%
45	9.716	2598	2605	2613	rBV5	9587	16245	0.85%	0.094%
46	9.793	2626	2629	2632	rBV4	1388	954	0.05%	0.006%
47	9.848	2643	2646	2653	rVB6	924	926	0.05%	0.005%
48	10.128	2725	2733	2744	rVB8	5400	9090	0.48%	0.053%
49	10.275	2774	2779	2784	rBV5	963	1099	0.06%	0.006%
50	10.375	2803	2810	2812	rBV3	2275	2335	0.12%	0.014%
51	10.504	2847	2850	2853	rBV3	1250	895	0.05%	0.005%
52	10.597	2876	2879	2884	rVV5	1270	1076	0.06%	0.006%
53	10.623	2884	2887	2893	rVB4	1083	1054	0.06%	0.006%
54	10.783	2923	2937	2957	rBV	594818	1014465	53.13%	5.870%
55	10.886	2963	2969	2970	rBV3	1217	1031	0.05%	0.006%
56	10.912	2973	2977	2978	rBV2	1617	1048	0.05%	0.006%
57	11.018	3005	3010	3014	rBV6	1795	1891	0.10%	0.011%
58	11.256	3075	3084	3087	rBV5	1088	1263	0.07%	0.007%
59	11.298	3093	3097	3100	rBV4	1160	950	0.05%	0.005%
60	11.324	3102	3105	3112	rVB5	1381	1513	0.08%	0.009%
61	11.378	3117	3122	3125	rBV4	1003	930	0.05%	0.005%
62	11.436	3138	3140	3145	rVB3	1567	1065	0.06%	0.006%
63	11.497	3148	3159	3163	rBV7	3433	5517	0.29%	0.032%
64	11.722	3219	3229	3235	rBV8	2439	3738	0.20%	0.022%
65	11.838	3251	3265	3280	rVB	674769	1177713	61.68%	6.814%
66	11.915	3280	3289	3294	rBV4	4932	5499	0.29%	0.032%
67	12.082	3335	3341	3342	rBV3	4181	3647	0.19%	0.021%
68	12.147	3356	3361	3369	rVB3	12655	17687	0.93%	0.102%
69	12.217	3369	3383	3400	rVB	762589	1307084	68.46%	7.563%
70	12.320	3410	3415	3425	rBV8	2568	3949	0.21%	0.023%
71	12.398	3430	3439	3449	rVB	16526	25523	1.34%	0.148%

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72	12.484	3454	3466	3471	rBV4	34640	54977	2.88%	0.318%
73	12.594	3489	3500	3510	rBV	88354	139009	7.28%	0.804%
74	12.726	3526	3541	3556	rBV6	21207	57080	2.99%	0.330%
75	12.828	3562	3573	3582	rBV7	7015	13418	0.70%	0.078%
76	12.899	3585	3595	3605	rVB	56081	88744	4.65%	0.513%
77	12.992	3608	3624	3633	rBV	201047	321137	16.82%	1.858%
78	13.047	3633	3641	3655	rVB	171038	266354	13.95%	1.541%
79	13.124	3655	3665	3670	rBV3	17124	26912	1.41%	0.156%
80	13.311	3710	3723	3733	rVB3	41186	76708	4.02%	0.444%
81	13.372	3734	3742	3749	rVV4	12885	18280	0.96%	0.106%
82	13.423	3749	3758	3764	rVV4	36364	66189	3.47%	0.383%
83	13.471	3764	3773	3798	rVV4	187903	383499	20.09%	2.219%
84	13.578	3798	3806	3818	rVV2	40103	62570	3.28%	0.362%
85	13.648	3821	3828	3841	rVB6	7382	14105	0.74%	0.082%
86	13.748	3851	3859	3870	rBV3	15692	26204	1.37%	0.152%
87	13.851	3881	3891	3898	rBV3	95243	165531	8.67%	0.958%
88	13.931	3910	3916	3918	rBV6	2628	2511	0.13%	0.015%
89	13.983	3924	3932	3942	rVB	37943	59049	3.09%	0.342%
90	14.031	3945	3947	3956	rVV6	2822	3017	0.16%	0.017%
91	14.108	3959	3971	3987	rVB	129811	224503	11.76%	1.299%
92	14.317	4027	4036	4044	rBV4	11207	19887	1.04%	0.115%
93	14.356	4045	4048	4056	rVB8	5179	7096	0.37%	0.041%
94	14.504	4086	4094	4104	rVB4	8691	13576	0.71%	0.079%
95	14.574	4111	4116	4118	rBV3	1516	1564	0.08%	0.009%
96	14.687	4142	4151	4166	rVB5	9472	18010	0.94%	0.104%
97	14.825	4185	4194	4203	rBV2	28969	45212	2.37%	0.262%
98	14.889	4211	4214	4222	rVB6	4658	5908	0.31%	0.034%
99	15.240	4315	4323	4332	rVB3	15975	23799	1.25%	0.138%
100	15.426	4375	4381	4392	rVB4	11226	17496	0.92%	0.101%

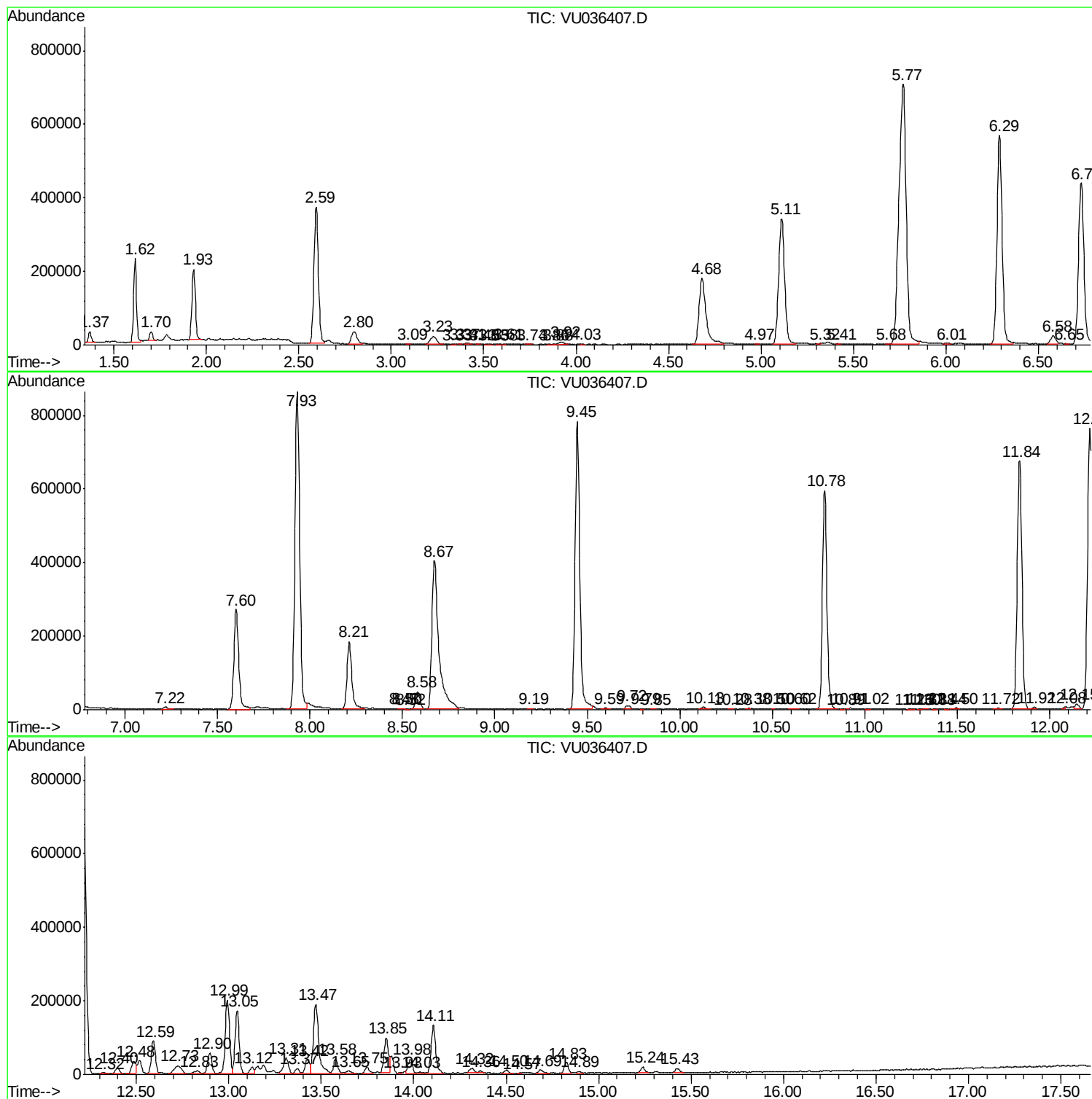
Sum of corrected areas: 17283500

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



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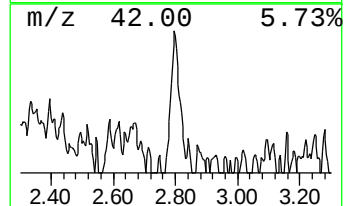
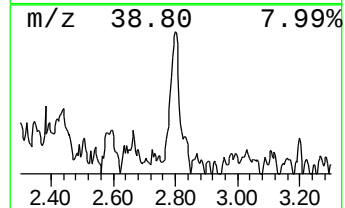
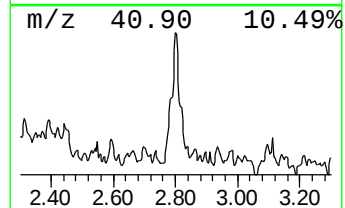
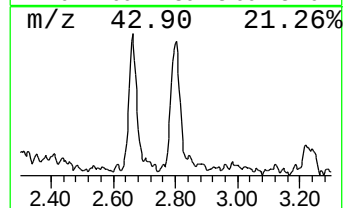
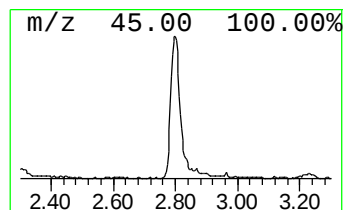
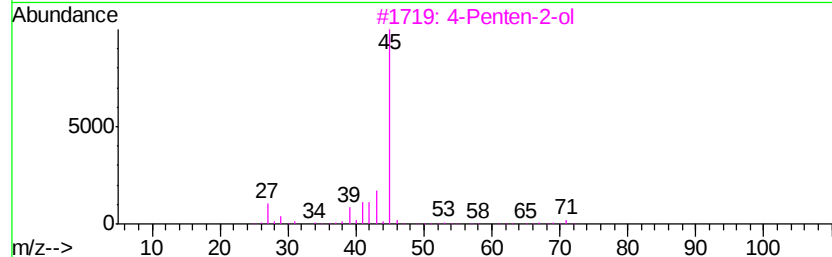
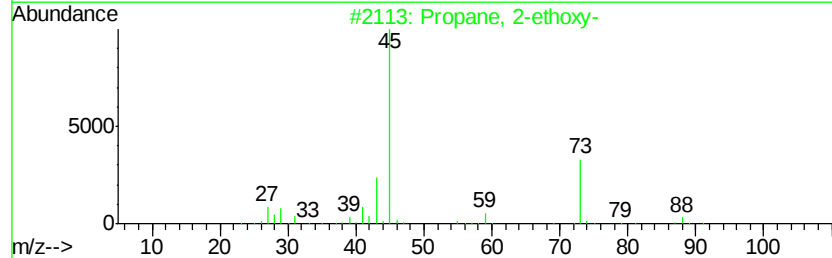
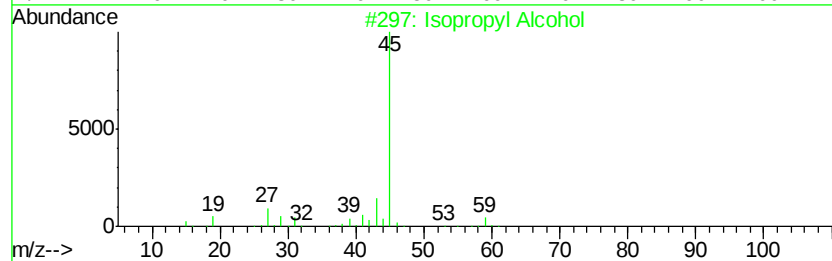
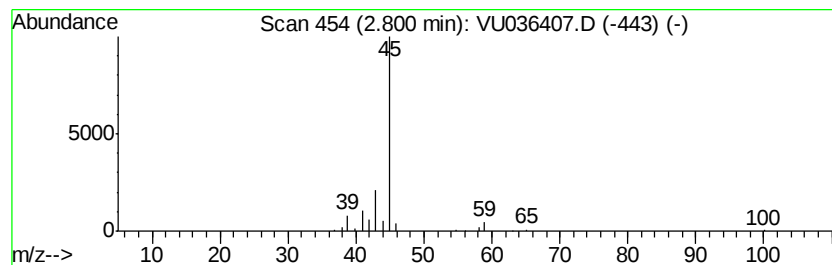
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	3.07 ug/L	67899	1,4-Difluorobenzene	6.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3		4-Penten-2-ol	86	C5H10O	000625-31-0	40
4		(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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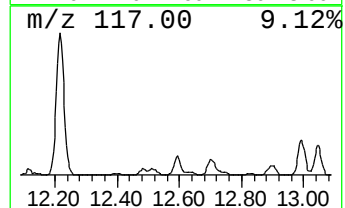
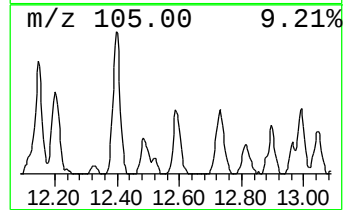
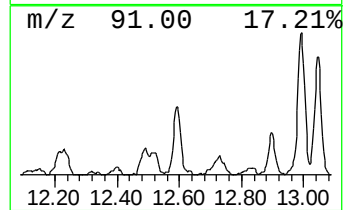
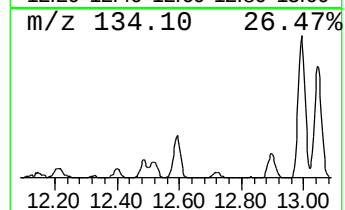
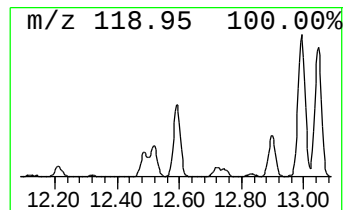
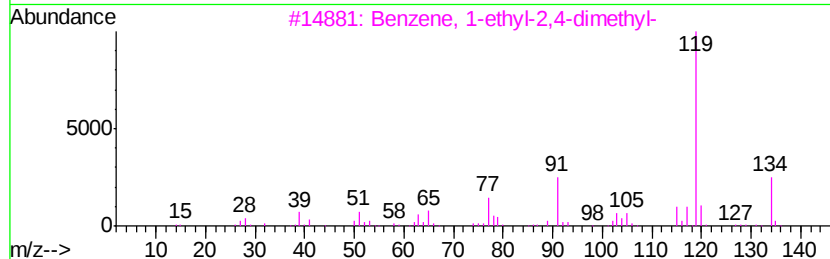
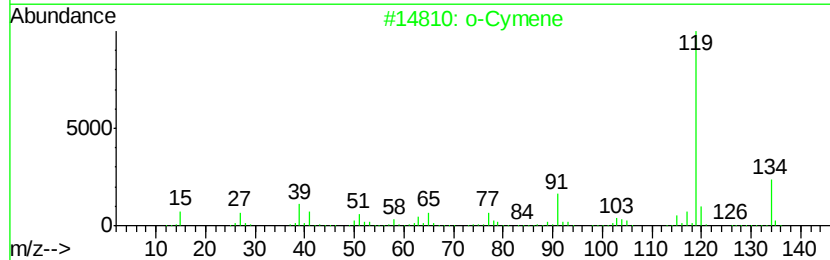
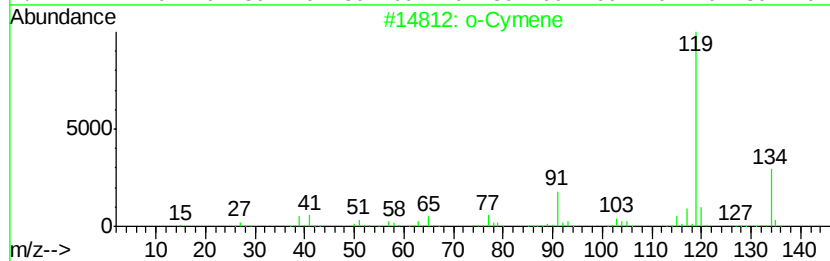
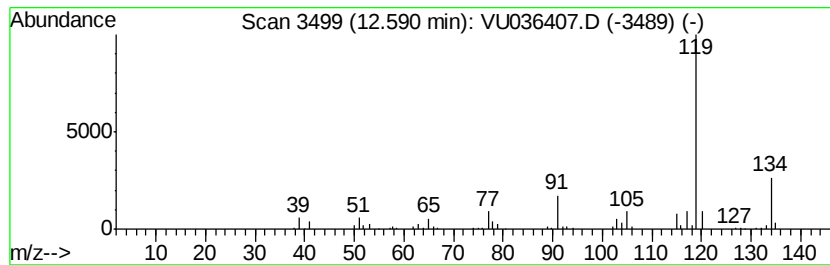
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 3 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	5.90 ug/L	139009	1,4-Dichlorobenzene-d4	11.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 95
2		o-Cymene	134 C10H14	000527-84-4 95
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 95
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 95
5		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 94



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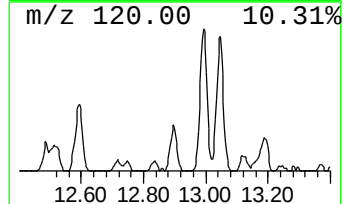
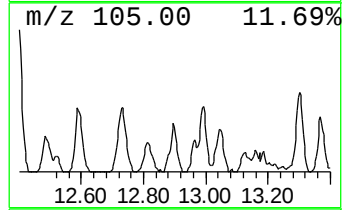
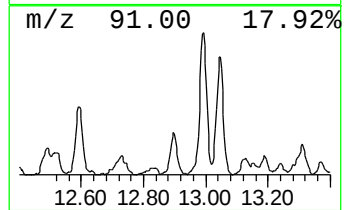
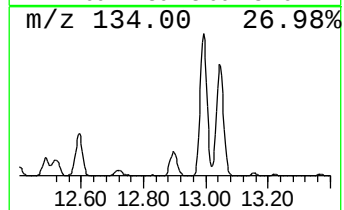
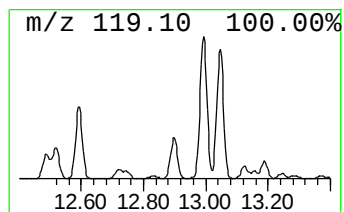
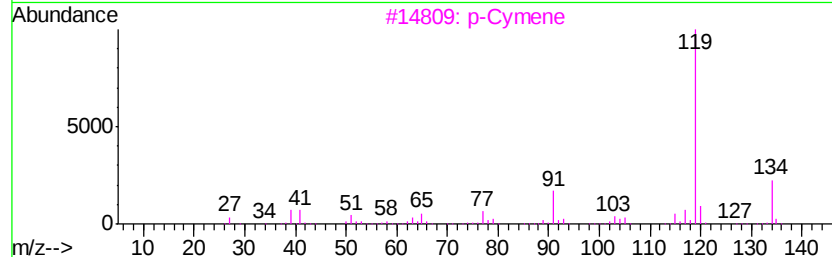
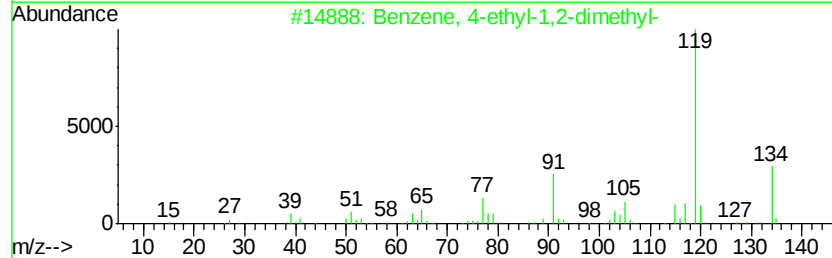
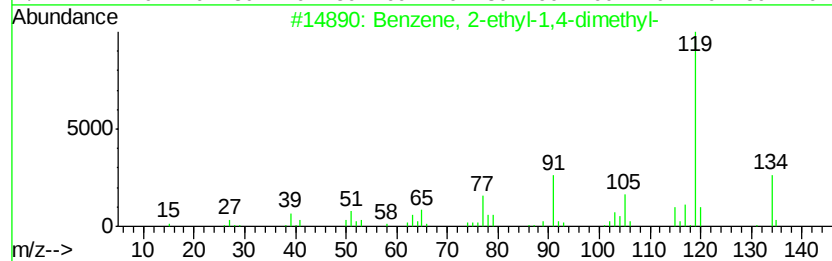
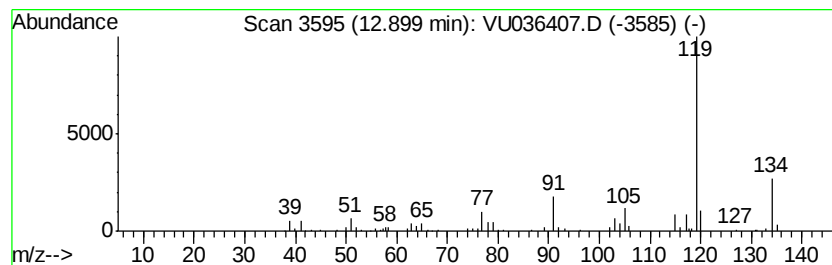
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.77 ug/L	88744	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

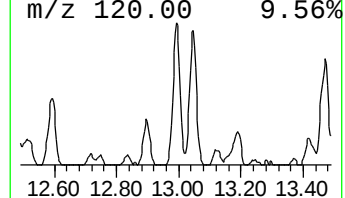
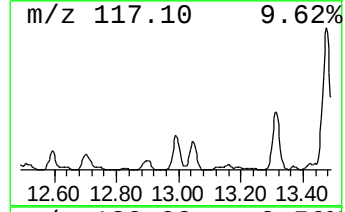
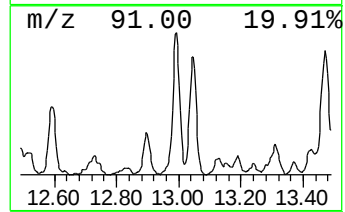
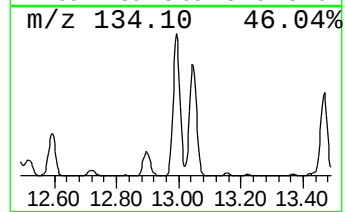
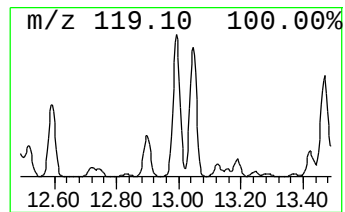
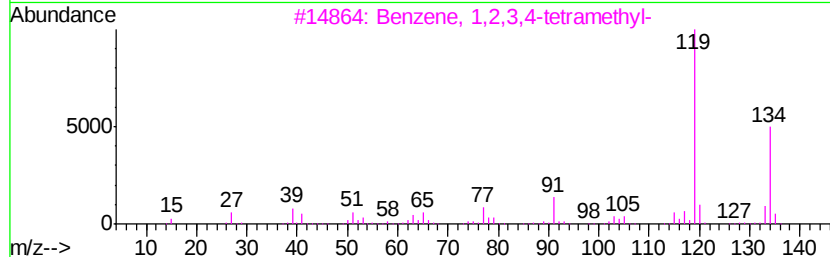
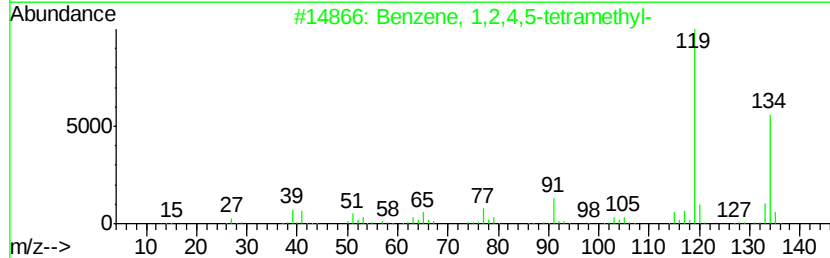
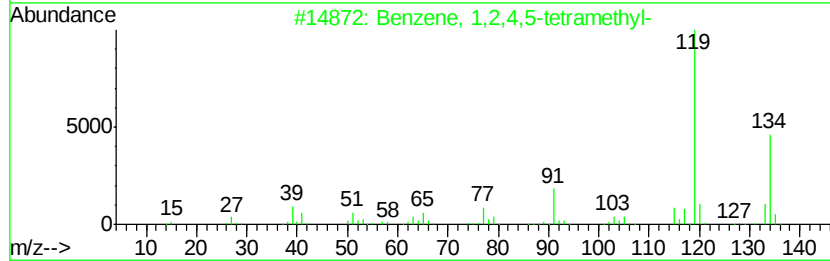
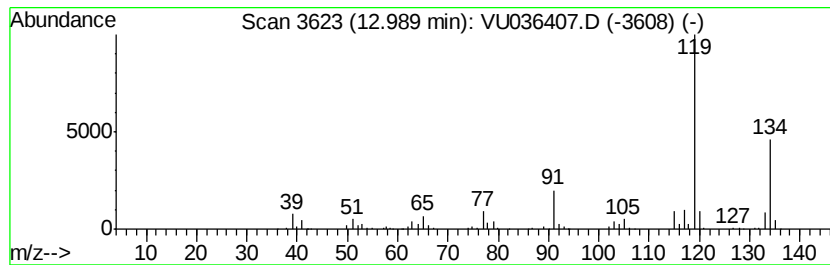
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	13.63 ug/L	321137	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
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	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

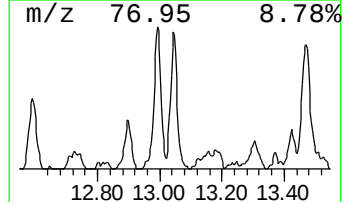
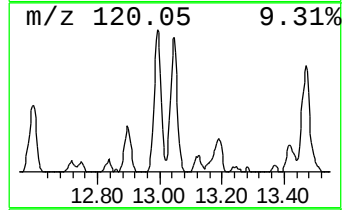
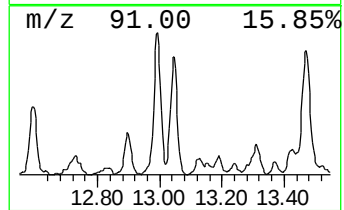
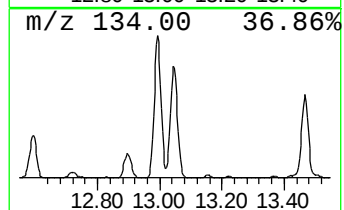
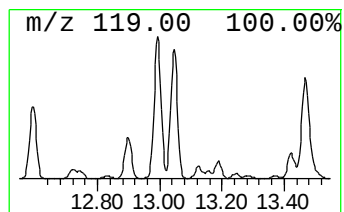
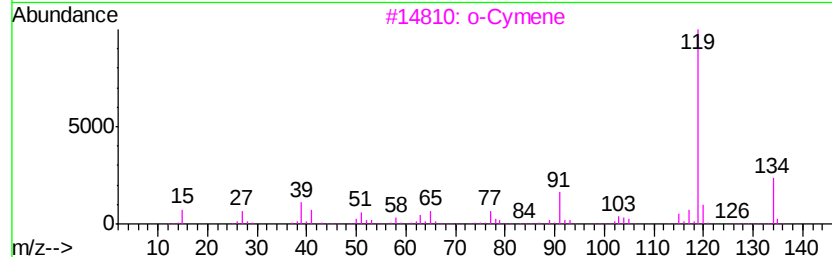
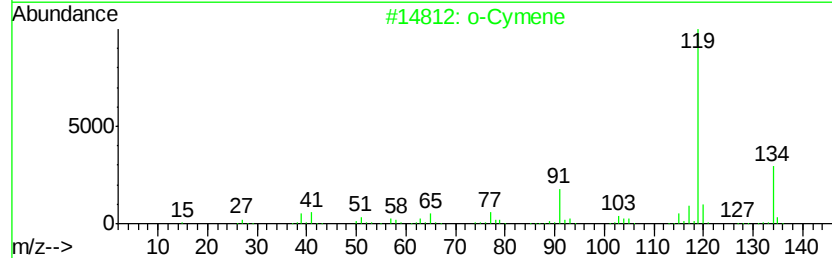
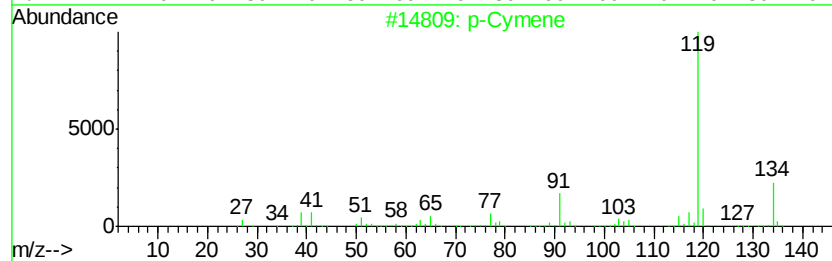
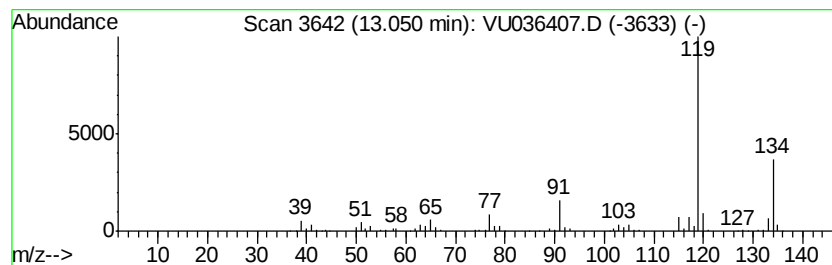
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Quant Title : VOC Analysis

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

Peak Number 6 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	11.31 ug/L	266354	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

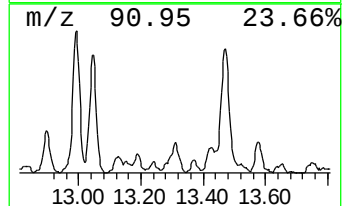
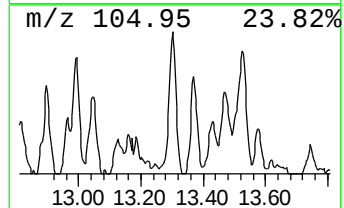
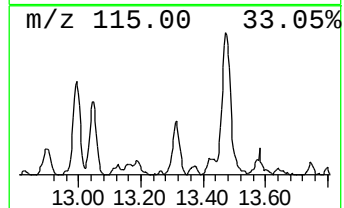
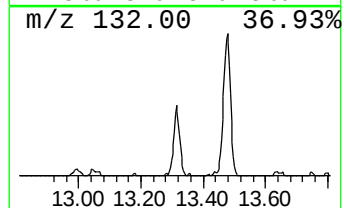
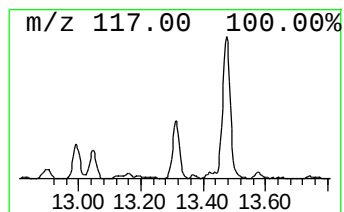
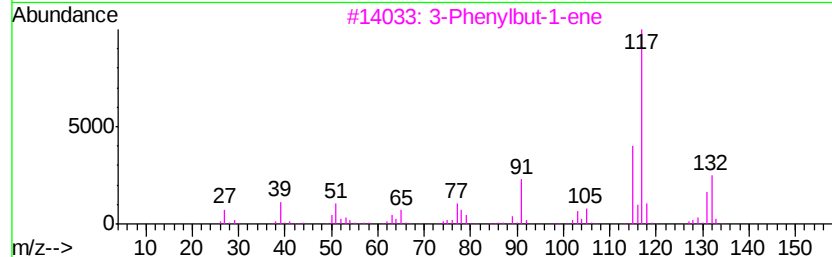
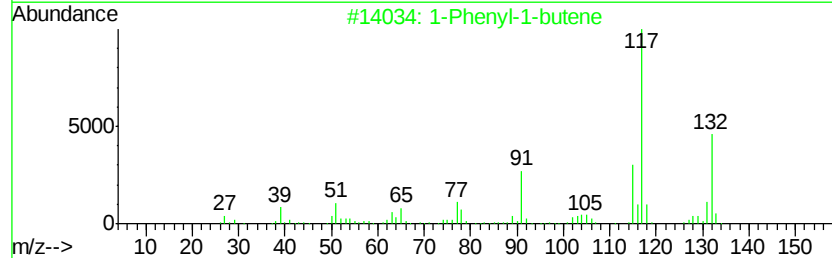
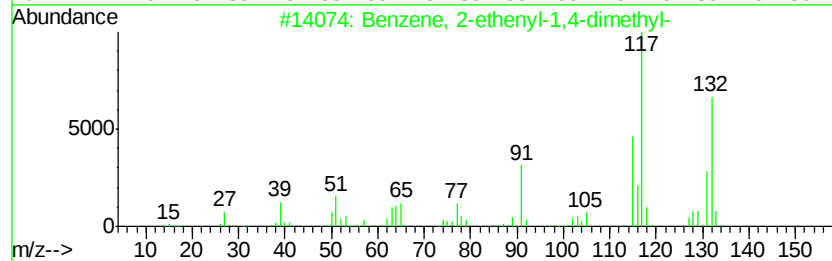
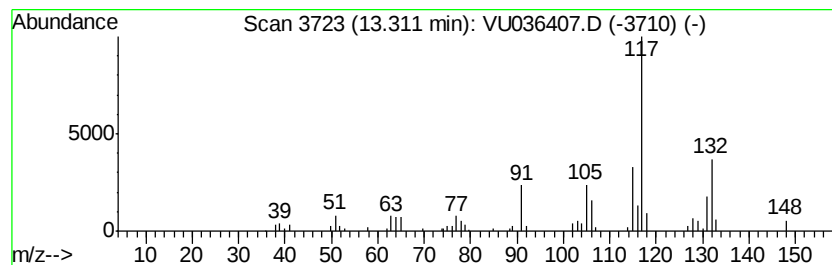
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.26 ug/L	76708	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

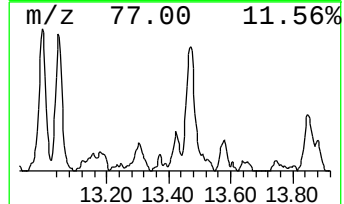
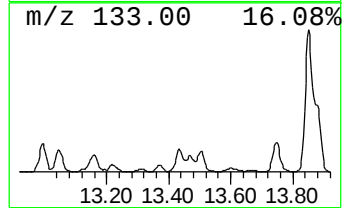
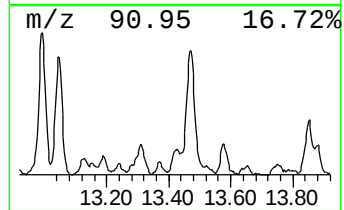
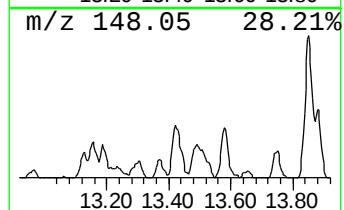
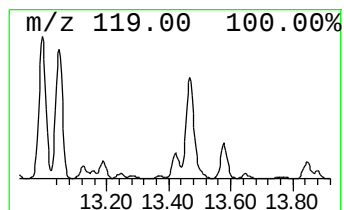
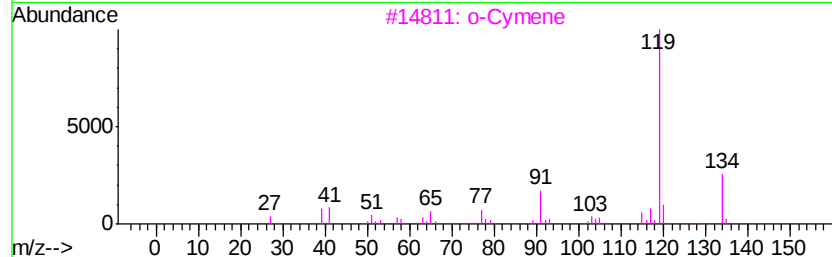
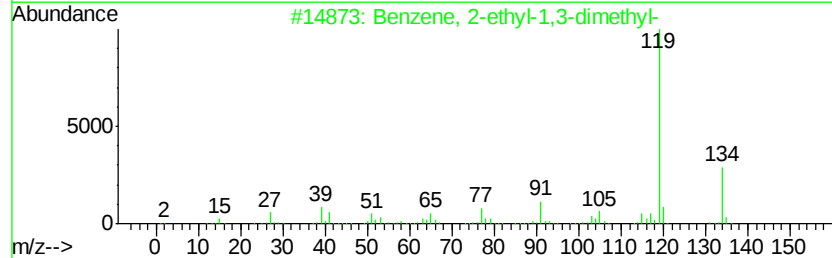
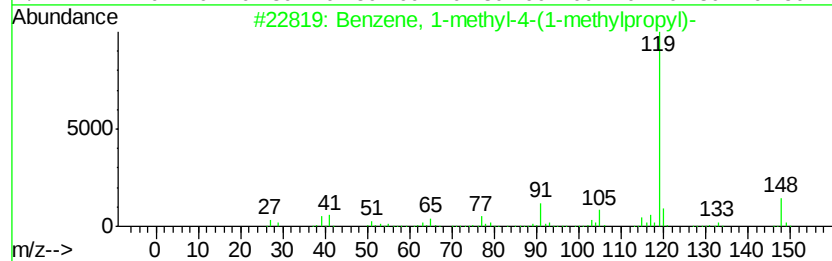
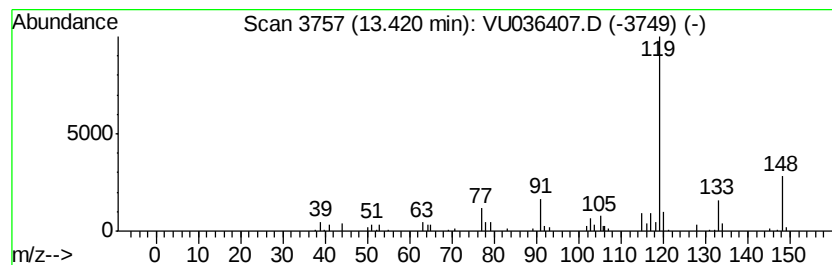
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.81 ug/L	66189	1,4-Dichlorobenzene-d4	11.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3			o-Cymene	134	C10H14	000527-84-4	62
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	59
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

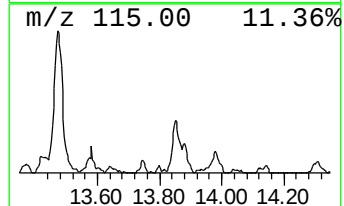
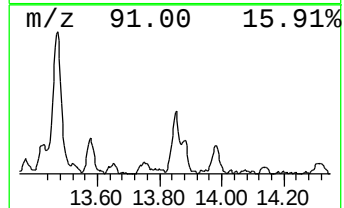
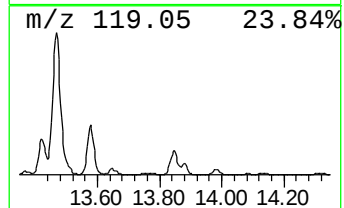
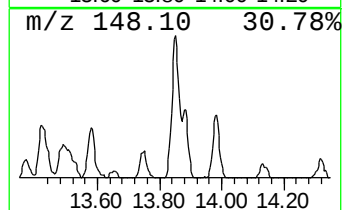
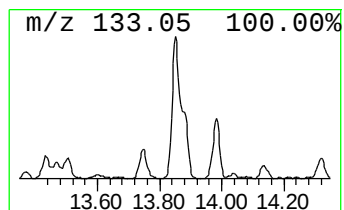
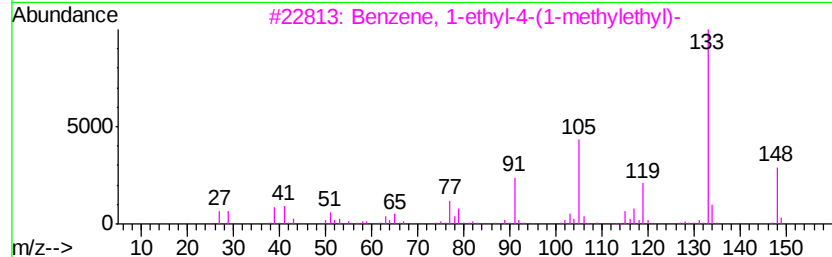
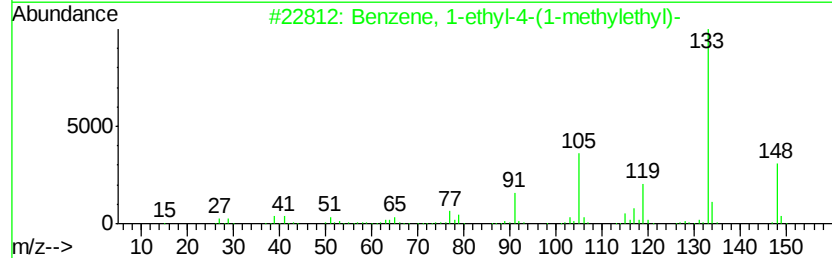
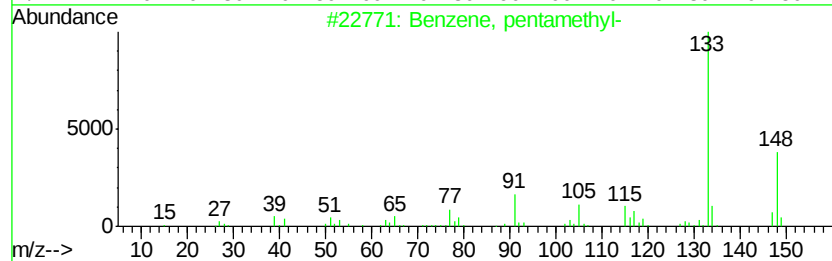
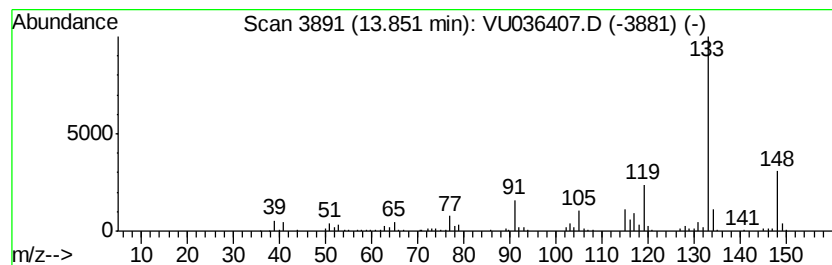
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, pentamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.03 ug/L	165531	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036407.D
Acq On : 08 Jan 2020 15:05
Operator : JC/MD
Sample : L1042-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.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
Isopropyl Alcohol	2.80	3.1	ug/L	67899	1	6.29	1105680	50.0
o-Cymene	12.59	5.9	ug/L	139009	3	11.84	1177710	50.0
Benzene, 2-ethyl-...	12.90	3.8	ug/L	88744	3	11.84	1177710	50.0
Benzene, 1,2,4,5-...	12.99	13.6	ug/L	321137	3	11.84	1177710	50.0
p-Cymene	13.05	11.3	ug/L	266354	3	11.84	1177710	50.0
Benzene, 2-etheny...	13.31	3.3	ug/L	76708	3	11.84	1177710	50.0
Benzene, 1-methyl...	13.42	2.8	ug/L	66189	3	11.84	1177710	50.0
Benzene, pentamet...	13.85	7.0	ug/L	165531	3	11.84	1177710	50.0