

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030468.D
 Acq On : 27 Mar 2019 01:00
 Operator : JC/SP
 Sample : K2063-15 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2

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\SOMULM032319WMA.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	1.180	24	28	36	rVB	14875	14297	0.18%	0.043%
2	1.399	86	96	107	rBV	281099	292338	3.61%	0.889%
3	1.669	172	180	195	rVB	211613	270684	3.34%	0.823%
4	1.746	197	204	224	rVB3	48653	71949	0.89%	0.219%
5	1.939	258	264	271	rBV	15091	19599	0.24%	0.060%
6	2.042	290	296	305	rVB2	14906	21312	0.26%	0.065%
7	2.129	318	323	331	rBV3	7962	10346	0.13%	0.031%
8	2.183	333	340	352	rVB4	16532	26905	0.33%	0.082%
9	2.267	355	366	380	rBV	412444	626550	7.74%	1.906%
10	2.437	416	419	423	rBV2	1909	2063	0.03%	0.006%
11	2.678	486	494	502	rBV3	12330	27692	0.34%	0.084%
12	2.785	521	527	540	rVB3	13950	28381	0.35%	0.086%
13	2.836	540	543	552	rVB2	2304	2722	0.03%	0.008%
14	2.910	560	566	573	rBV	1751	1967	0.02%	0.006%
15	2.952	573	579	581	rBV2	1845	1818	0.02%	0.006%
16	2.994	582	592	602	rVB5	9538	18901	0.23%	0.057%
17	3.167	640	646	648	rBV	1521	1670	0.02%	0.005%
18	3.193	650	654	658	rBV	1708	1522	0.02%	0.005%
19	3.248	665	671	675	rVB	2313	1780	0.02%	0.005%
20	3.280	675	681	683	rBV	3138	3185	0.04%	0.010%
21	3.408	717	721	724	rBV2	1703	1789	0.02%	0.005%
22	3.482	737	744	745	rBV3	2201	1647	0.02%	0.005%
23	3.566	758	770	786	rBV4	13084	34777	0.43%	0.106%
24	3.656	795	798	809	rVB3	3685	4157	0.05%	0.013%
25	3.733	815	822	824	rBV3	2432	2979	0.04%	0.009%
26	3.884	864	869	870	rBV2	1676	1495	0.02%	0.005%
27	4.087	916	932	945	rBV3	32469	84637	1.05%	0.257%
28	4.174	947	959	992	rVV	208014	539609	6.67%	1.641%
29	4.643	1086	1105	1126	rBV	300500	723348	8.94%	2.200%
30	4.781	1141	1148	1155	rVB2	1902	3263	0.04%	0.010%
31	4.987	1204	1212	1227	rVB5	9675	22389	0.28%	0.068%
32	5.067	1227	1237	1240	rBV4	5264	8452	0.10%	0.026%
33	5.206	1277	1280	1281	rBV	2508	1558	0.02%	0.005%
34	5.334	1295	1320	1328	rBV2	647211	1859600	22.98%	5.657%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Title : VOC Analysis

35	5.701	1432	1434	1438	rVB	2936	1859	0.02%	0.006%
36	5.778	1455	1458	1466	rVB3	1831	2218	0.03%	0.007%
37	5.881	1477	1490	1512	rBV	545524	1096974	13.55%	3.337%
38	6.051	1540	1543	1549	rVB3	2299	2311	0.03%	0.007%
39	6.215	1592	1594	1602	rVB3	1874	2147	0.03%	0.007%
40	6.325	1613	1628	1647	rBV	421978	869289	10.74%	2.644%
41	6.572	1701	1705	1714	rBV3	1556	2191	0.03%	0.007%
42	6.640	1718	1726	1737	rVB4	4150	7544	0.09%	0.023%
43	6.820	1773	1782	1788	rBV3	4882	8449	0.10%	0.026%
44	6.903	1801	1808	1809	rBV	2951	2470	0.03%	0.008%
45	7.048	1843	1853	1865	rVV7	5828	14358	0.18%	0.044%
46	7.225	1895	1908	1925	rBV	229349	417118	5.15%	1.269%
47	7.370	1947	1953	1966	rVB5	14554	24358	0.30%	0.074%
48	7.421	1966	1969	1972	rBV3	2018	1540	0.02%	0.005%
49	7.489	1986	1990	1994	rVB	2296	1670	0.02%	0.005%
50	7.563	2000	2013	2023	rBV	809909	1403677	17.34%	4.270%
51	7.633	2023	2035	2058	rVB	4708565	8092801	100.00%	24.617%
52	7.845	2091	2101	2123	rVB	162666	282324	3.49%	0.859%
53	7.993	2144	2147	2154	rVB2	2122	1880	0.02%	0.006%
54	8.083	2169	2175	2177	rBV4	1443	1579	0.02%	0.005%
55	8.138	2187	2192	2194	rBV	1909	1877	0.02%	0.006%
56	8.228	2215	2220	2222	rBV	1818	1719	0.02%	0.005%
57	8.251	2222	2227	2230	rVV4	1986	2226	0.03%	0.007%
58	8.308	2234	2245	2280	rVV	663252	1207723	14.92%	3.674%
59	8.582	2324	2330	2332	rBV2	3793	4186	0.05%	0.013%
60	8.778	2384	2391	2392	rBV2	2037	1924	0.02%	0.006%
61	9.032	2458	2470	2475	rBV5	8999	17038	0.21%	0.052%
62	9.087	2475	2487	2507	rBV	807426	1333656	16.48%	4.057%
63	9.247	2525	2537	2562	rBV	694900	1127916	13.94%	3.431%
64	9.370	2562	2575	2612	rVB	2280445	3784953	46.77%	11.513%
65	9.614	2645	2651	2654	rBV3	1294	1632	0.02%	0.005%
66	9.726	2676	2686	2688	rBV	2027	2700	0.03%	0.008%
67	9.775	2689	2701	2729	rBV	1151399	1837188	22.70%	5.588%
68	10.164	2810	2822	2836	rBV2	30728	49043	0.61%	0.149%
69	10.369	2882	2886	2889	rBV	2483	2129	0.03%	0.006%
70	10.427	2892	2904	2926	rVV	590884	948507	11.72%	2.885%
71	10.585	2945	2953	2968	rVB	72321	114124	1.41%	0.347%

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72	10.678	2971	2982	3001	rBV	329834	710691	8.78%	2.162%
73	10.768	3001	3010	3026	rVB	147900	233391	2.88%	0.710%
74	10.967	3062	3072	3092	rVB	149746	237038	2.93%	0.721%
75	11.144	3110	3127	3145	rBV	556101	861162	10.64%	2.620%
76	11.289	3167	3172	3176	rBV2	3412	4145	0.05%	0.013%
77	11.427	3202	3215	3220	rBV3	8940	14143	0.17%	0.043%
78	11.479	3220	3231	3249	rVV	744419	1212289	14.98%	3.688%
79	11.569	3249	3259	3273	rVB	151391	243732	3.01%	0.741%
80	11.765	3308	3320	3329	rBV	126946	213248	2.64%	0.649%
81	11.855	3338	3348	3370	rVB	749733	1277990	15.79%	3.887%
82	11.980	3381	3387	3397	rVB3	12372	17198	0.21%	0.052%
83	12.054	3404	3410	3420	rVB3	9393	13619	0.17%	0.041%
84	12.144	3429	3438	3443	rBV3	21471	34662	0.43%	0.105%
85	12.250	3461	3471	3479	rBV2	30921	50666	0.63%	0.154%
86	12.353	3491	3503	3518	rBV5	15958	31561	0.39%	0.096%
87	12.456	3531	3535	3537	rBV	2575	2030	0.03%	0.006%
88	12.553	3557	3565	3575	rBV4	8607	13500	0.17%	0.041%
89	12.649	3587	3595	3603	rBV2	15254	21553	0.27%	0.066%
90	12.701	3603	3611	3622	rBV2	24476	37592	0.46%	0.114%
91	12.820	3645	3648	3653	rVB	1975	1503	0.02%	0.005%
92	12.964	3685	3693	3708	rVB6	17754	30132	0.37%	0.092%
93	13.122	3732	3742	3753	rBV4	38789	64693	0.80%	0.197%
94	13.283	3786	3792	3793	rBV	6687	5291	0.07%	0.016%
95	13.456	3842	3846	3848	rBV2	2310	1671	0.02%	0.005%
96	13.511	3858	3863	3867	rBV3	3630	3636	0.04%	0.011%
97	13.746	3926	3936	3957	rBV	53127	120710	1.49%	0.367%
98	13.948	3997	3999	4007	rVB	2116	2274	0.03%	0.007%
99	14.334	4114	4119	4123	rBV2	1661	2171	0.03%	0.007%
100	15.366	4436	4440	4443	rBV	2147	1614	0.02%	0.005%

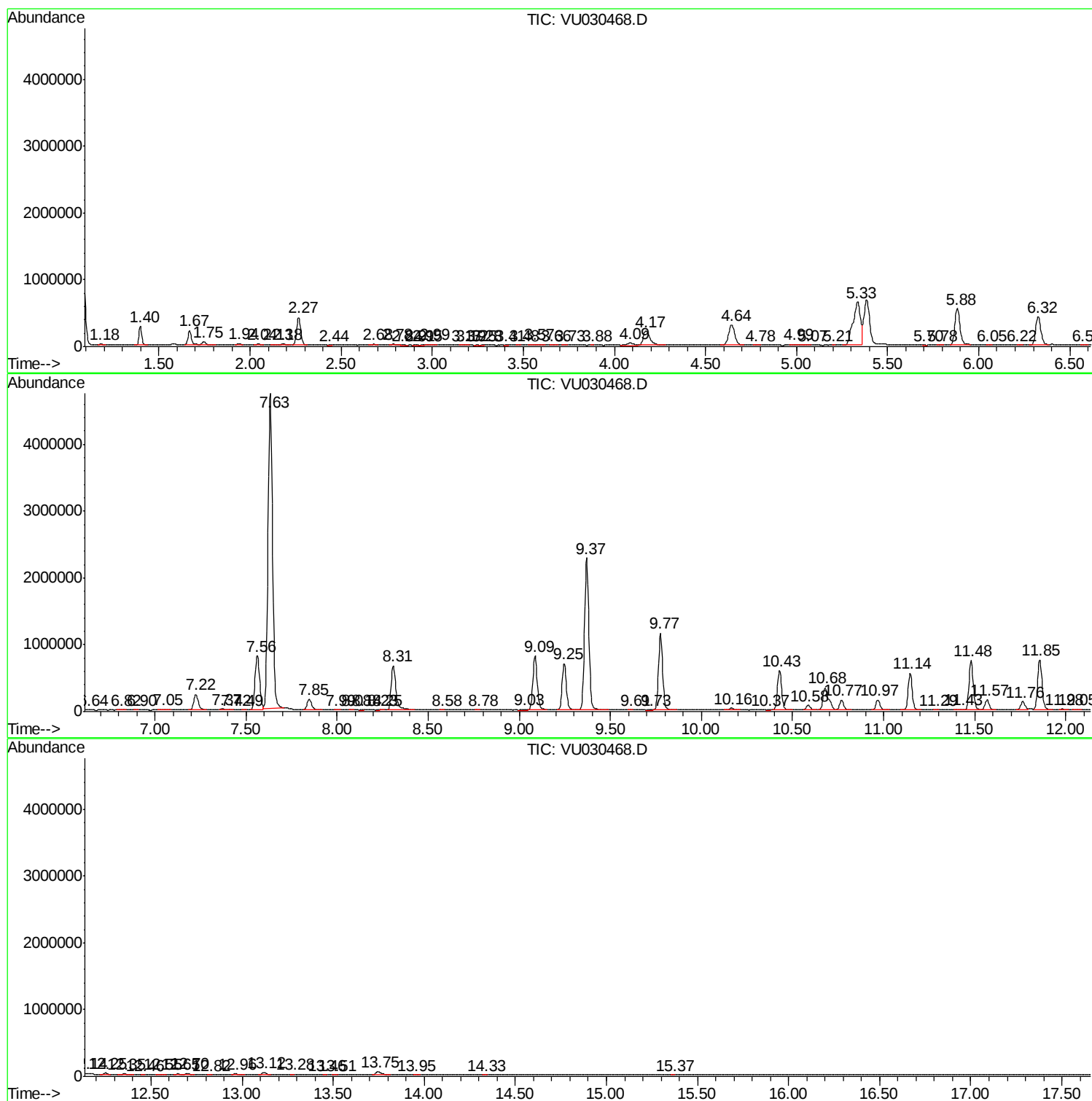
Sum of corrected areas: 32874584

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



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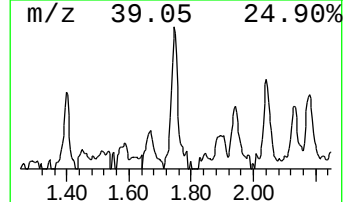
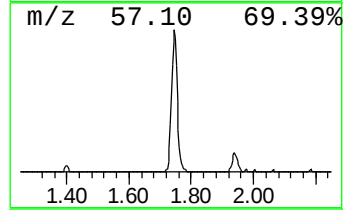
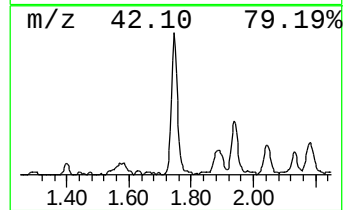
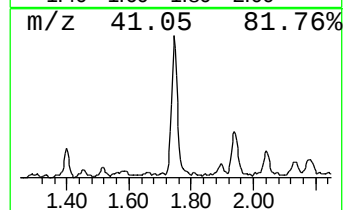
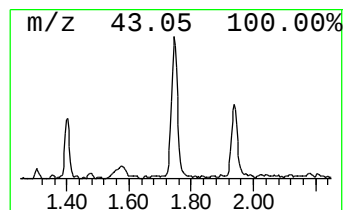
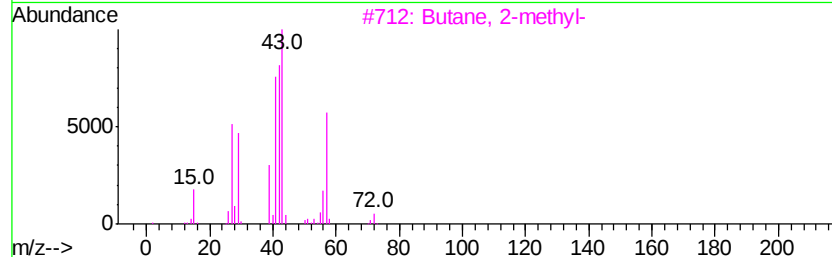
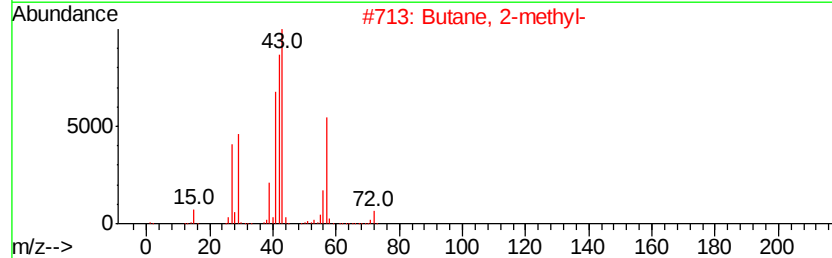
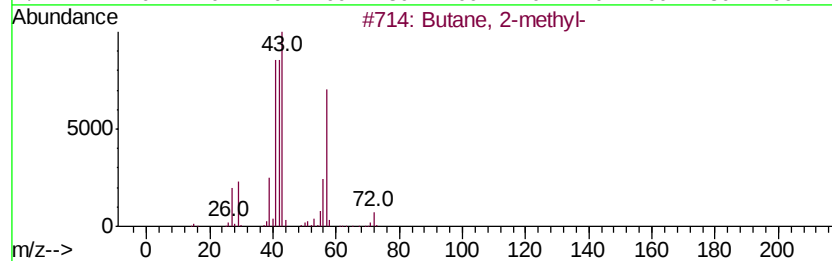
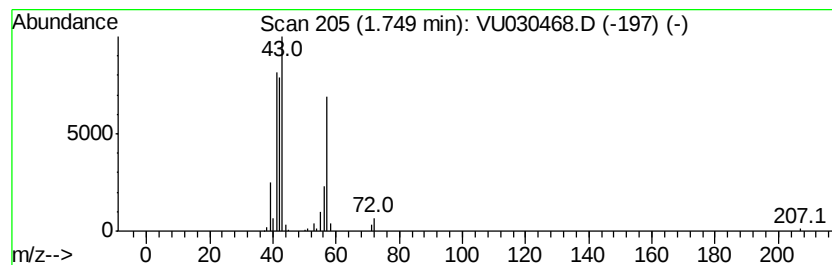
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	3.28 ug/L	71949	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		Pentane	72	C5H12	000109-66-0	42
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	17



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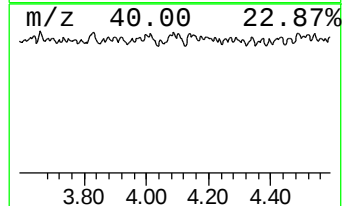
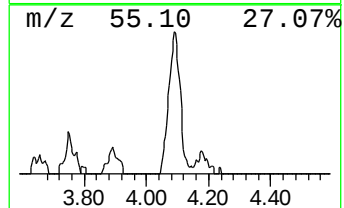
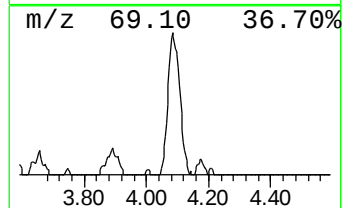
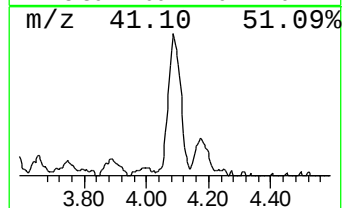
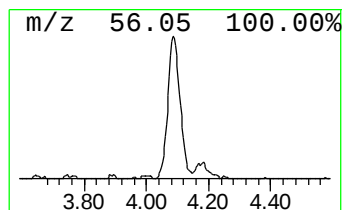
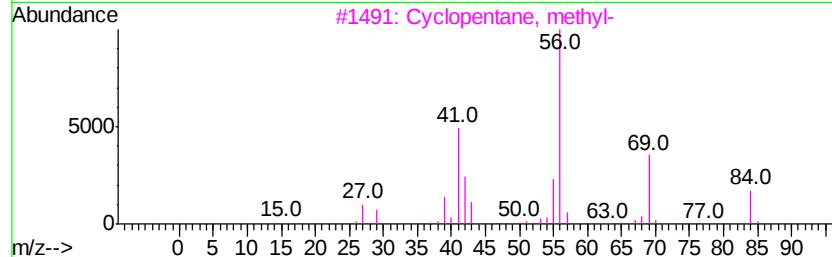
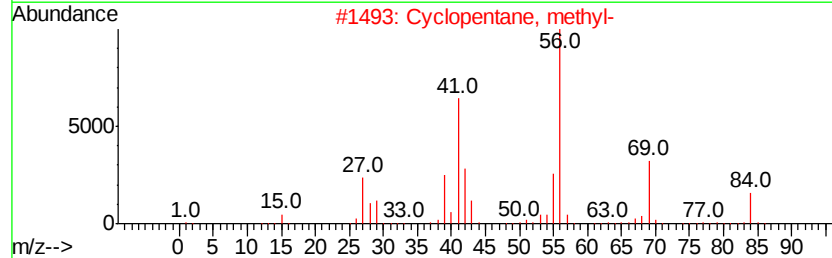
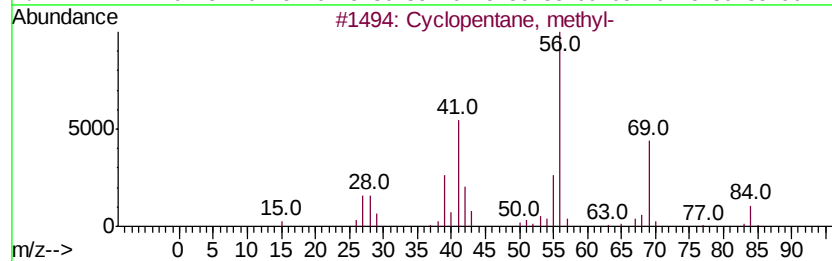
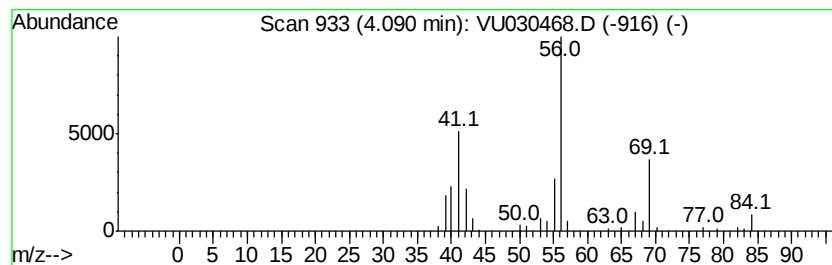
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic4.09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	3.86 ug/L	84637	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



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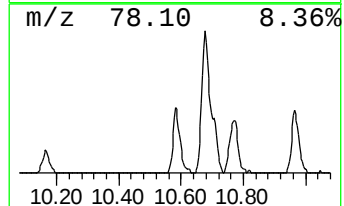
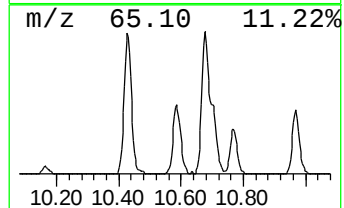
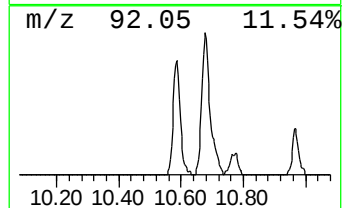
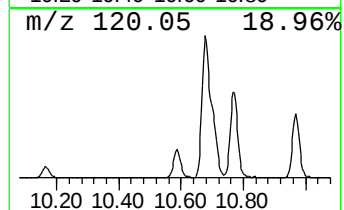
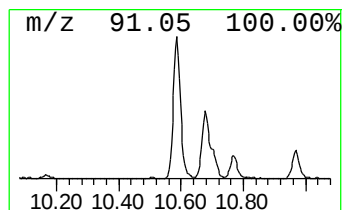
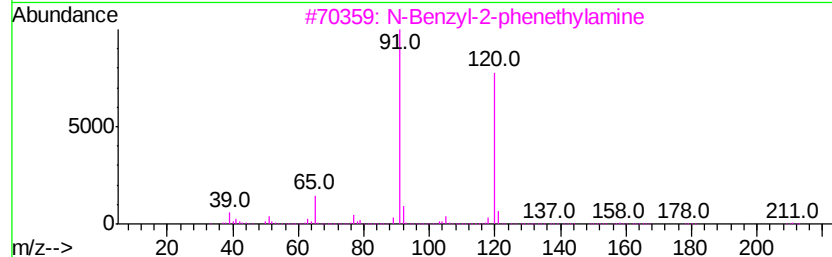
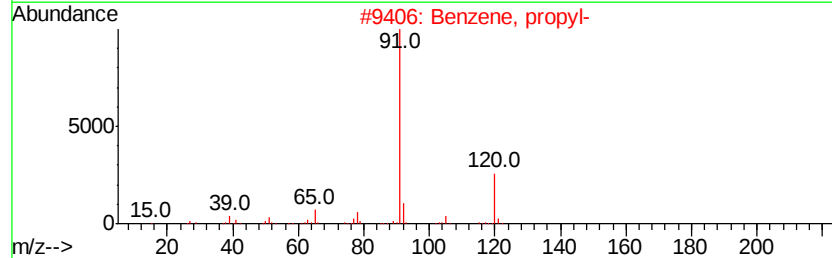
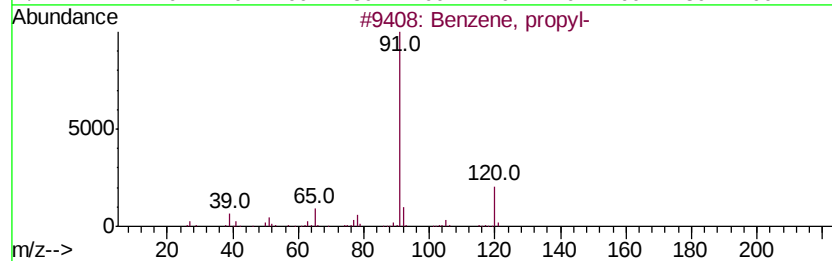
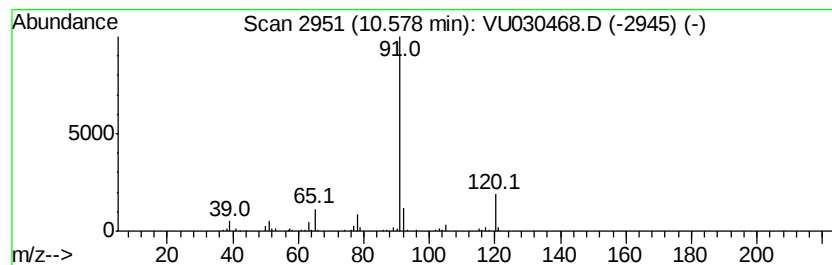
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Peak Number 4 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.58	4.71 ug/L	114124	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

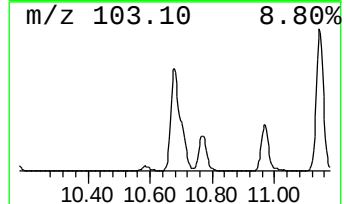
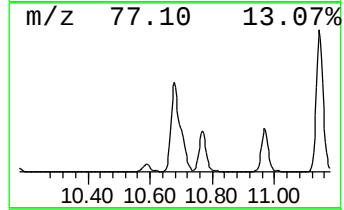
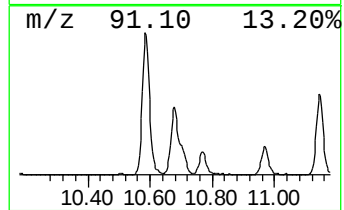
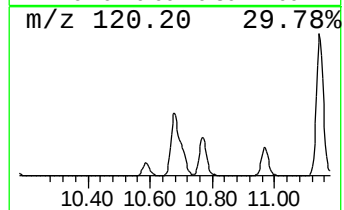
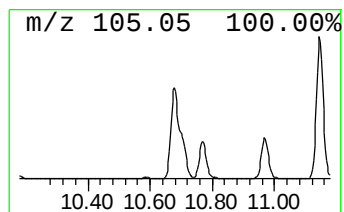
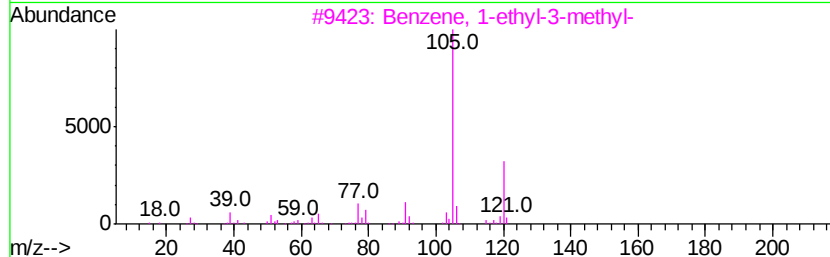
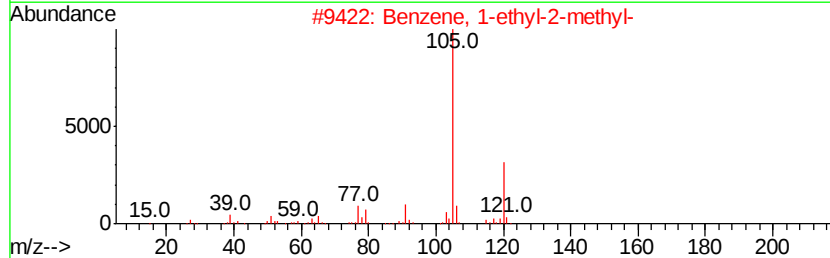
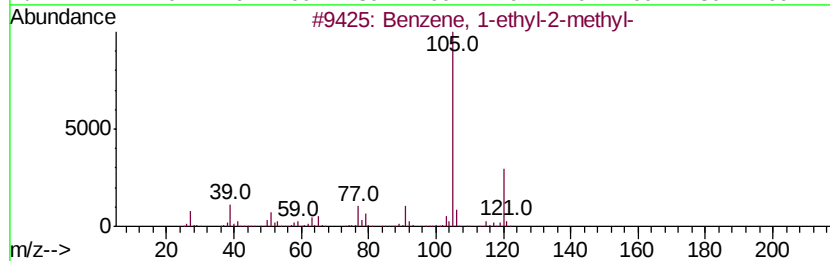
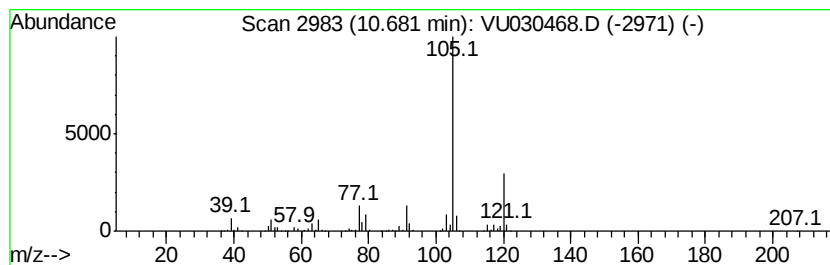
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	29.31 ug/L	710691	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

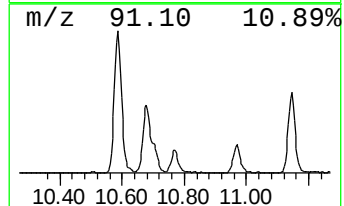
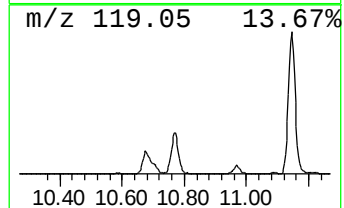
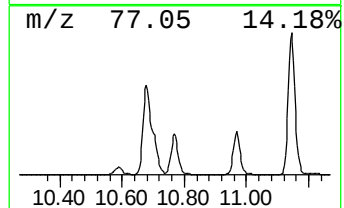
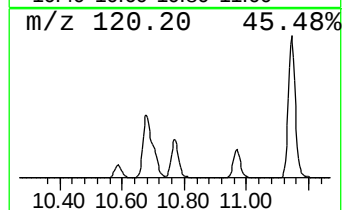
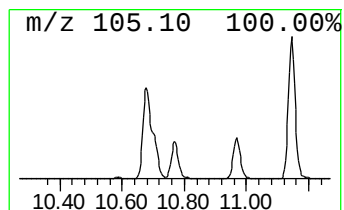
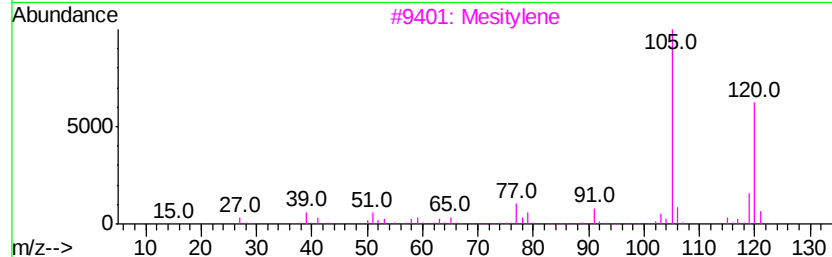
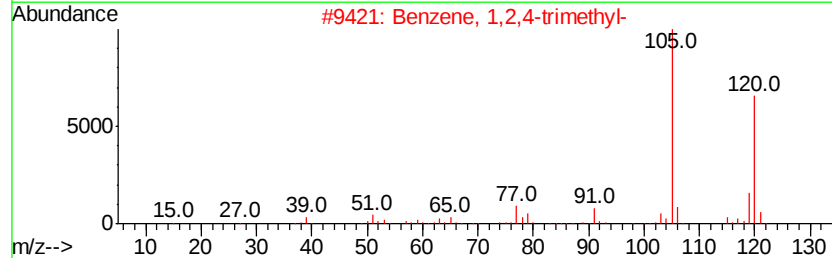
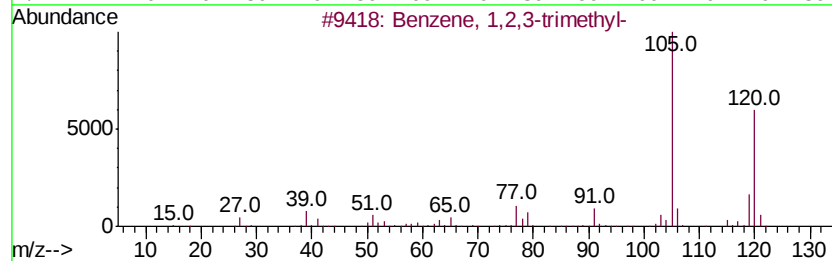
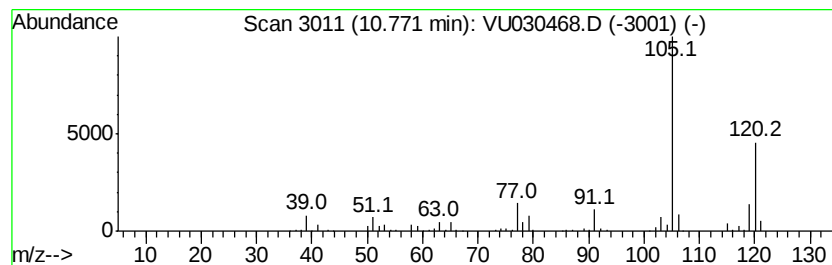
Instrument :
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ClientSampleId :
DB6S2

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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-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.77	9.63 ug/L	233391	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

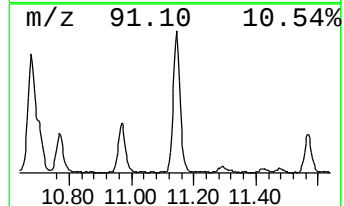
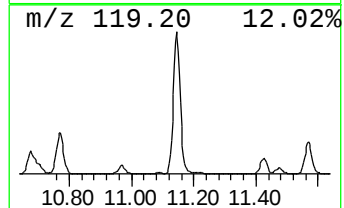
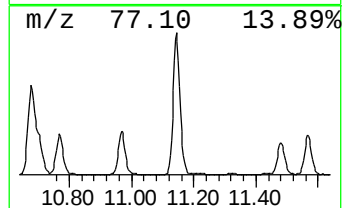
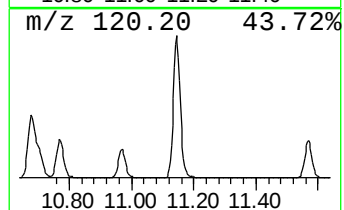
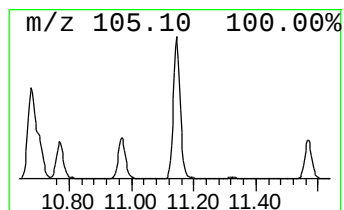
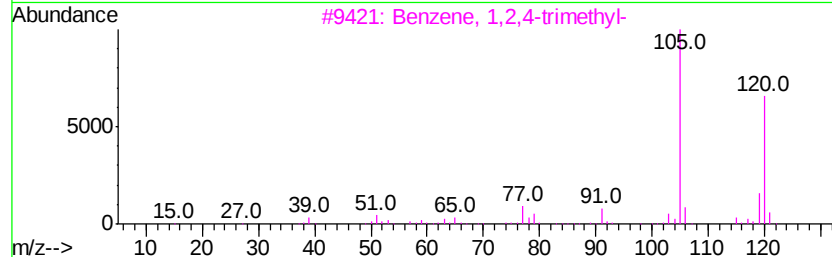
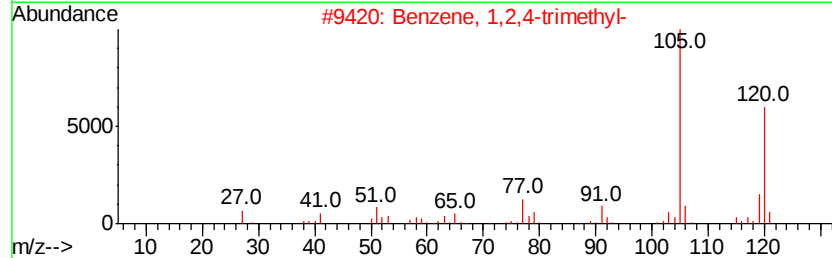
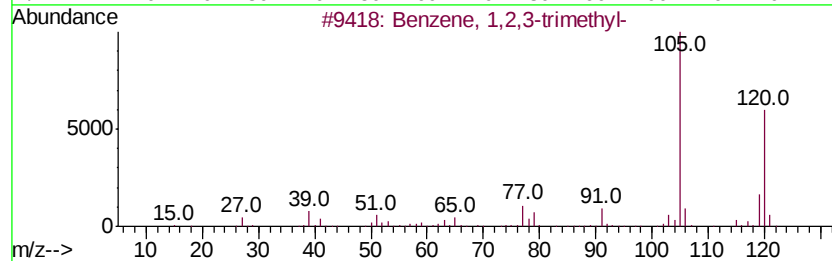
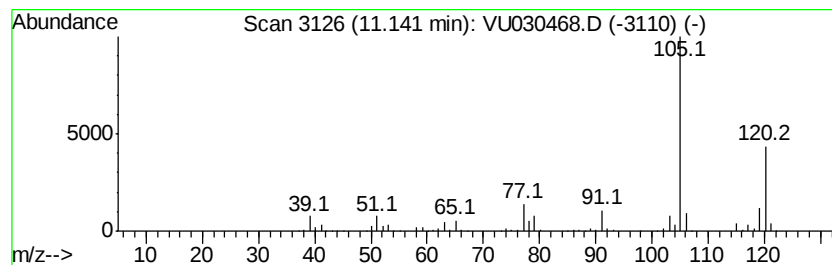
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	35.52 ug/L	861162	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

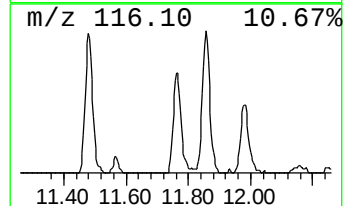
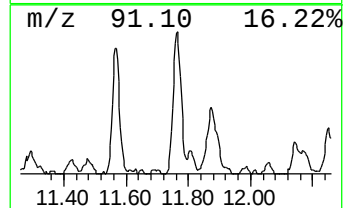
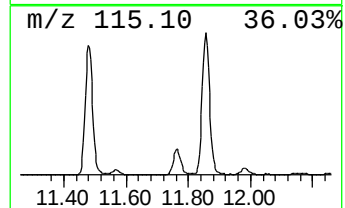
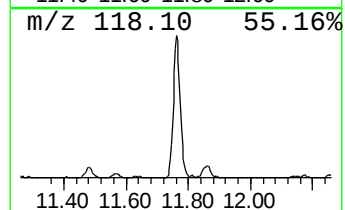
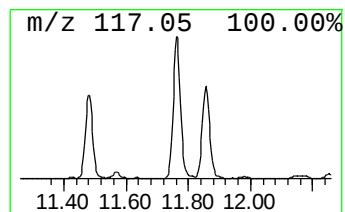
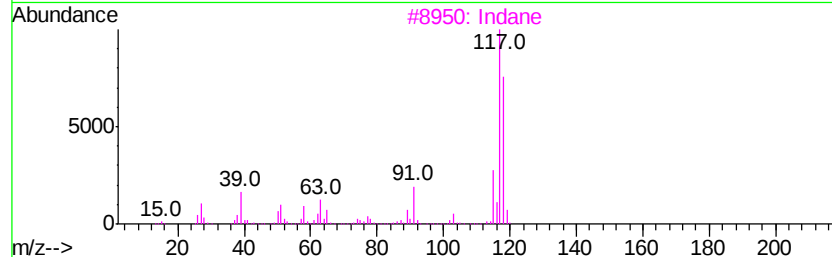
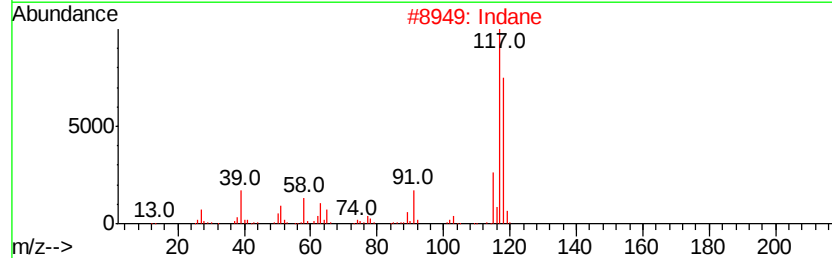
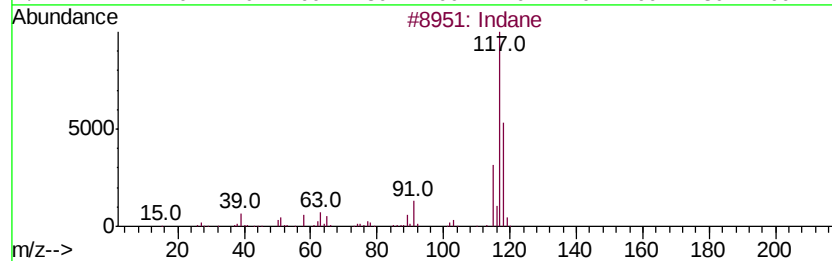
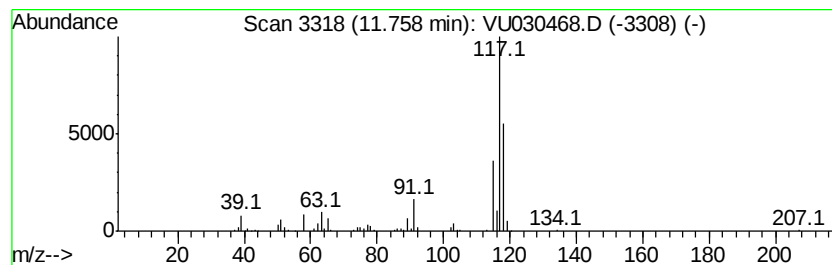
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Quant Title : VOC Analysis

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

Peak Number 10 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.80 ug/L	213248	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	95
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	90
4		Indane	118	C9H10	000496-11-7	90
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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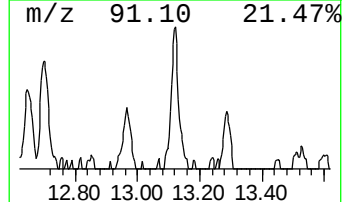
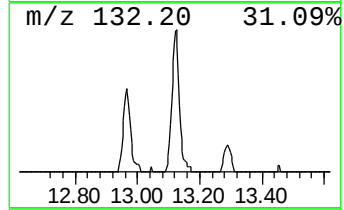
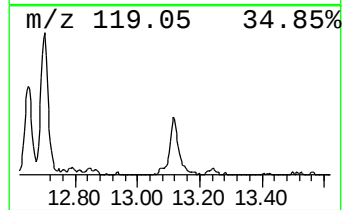
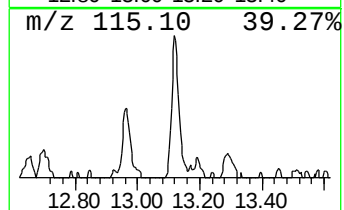
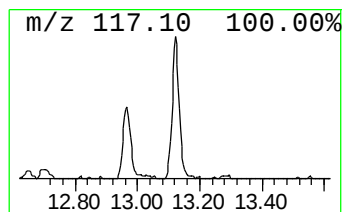
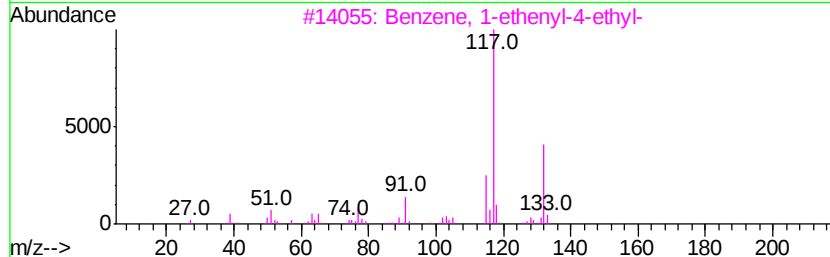
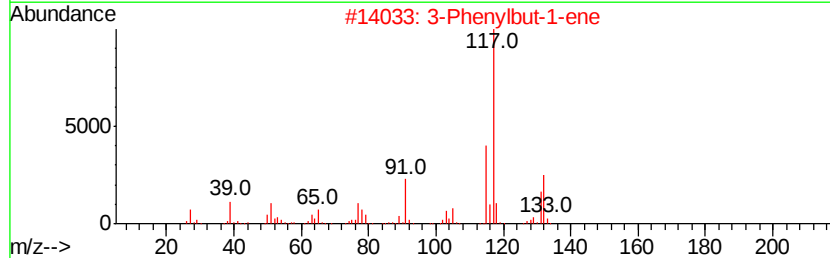
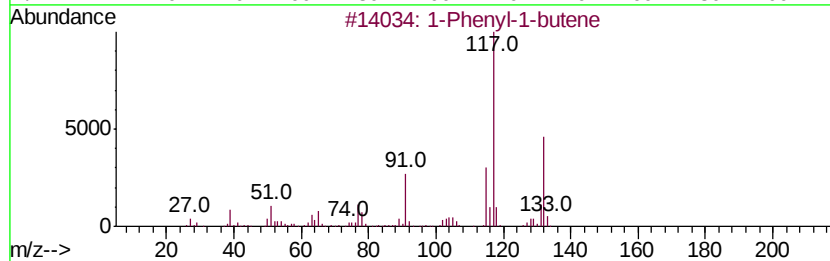
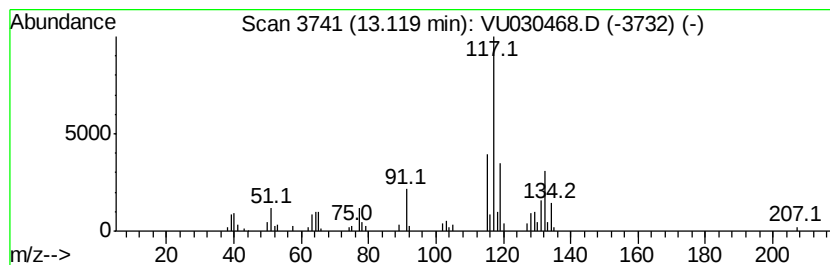
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Quant Title : VOC Analysis

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

Peak Number 11 1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.67 ug/L	64693	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4			Indan, 1-methyl-	132	C10H12	000767-58-8	68
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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
(DEL) Alkane: Str...	1.75	3.3	ug/L	71949	1	5.88	1096970	50.0
(DEL) Alkane: Cyc...	4.09	3.9	ug/L	84637	1	5.88	1096970	50.0
Benzene, propyl-	10.58	4.7	ug/L	114124	3	11.48	1212290	50.0
Benzene, 1-ethyl-...	10.68	29.3	ug/L	710691	3	11.48	1212290	50.0
Benzene, 1,2,3-tr...	10.77	9.6	ug/L	233391	3	11.48	1212290	50.0
Benzene, 1,2,4-tr...	11.14	35.5	ug/L	861162	3	11.48	1212290	50.0
Indane	11.76	8.8	ug/L	213248	3	11.48	1212290	50.0
1-Phenyl-1-butene	13.12	2.7	ug/L	64693	3	11.48	1212290	50.0