

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031447.D
 Acq On : 23 Apr 2019 18:42
 Operator : JC/SP
 Sample : K2536-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG3

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\SOMULM042319WMA.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	1.177	21	27	35	rBV2	54050	54281	0.52%	0.168%
2	1.293	58	63	68	rBV	15067	14821	0.14%	0.046%
3	1.395	87	95	112	rVB	337187	365150	3.50%	1.132%
4	1.678	175	183	194	rBV	276764	349546	3.35%	1.083%
5	2.267	356	366	379	rVV	592769	897751	8.60%	2.782%
6	2.341	382	389	408	rVB2	22717	54469	0.52%	0.169%
7	2.569	423	460	464	rBV3	19185	77832	0.75%	0.241%
8	2.833	533	542	553	rVB2	6761	13325	0.13%	0.041%
9	2.981	579	588	589	rBV6	3946	5045	0.05%	0.016%
10	3.039	601	606	608	rBV3	1118	856	0.01%	0.003%
11	3.129	630	634	636	rBV3	896	585	0.01%	0.002%
12	3.302	682	688	690	rBV4	834	756	0.01%	0.002%
13	3.325	690	695	699	rVB3	956	808	0.01%	0.003%
14	3.434	715	729	745	rVB2	10002	22998	0.22%	0.071%
15	3.534	752	760	761	rBV4	715	778	0.01%	0.002%
16	3.675	801	804	808	rBV2	908	776	0.01%	0.002%
17	3.723	816	819	823	rBV3	577	602	0.01%	0.002%
18	3.781	833	837	844	rVV3	1040	1381	0.01%	0.004%
19	4.048	915	920	922	rBV2	985	1096	0.01%	0.003%
20	4.080	927	930	933	rVB3	673	547	0.01%	0.002%
21	4.138	945	948	951	rVB2	961	616	0.01%	0.002%
22	4.212	951	971	1007	rBV2	279059	1175748	11.26%	3.644%
23	4.389	1016	1026	1046	rVB2	52558	124594	1.19%	0.386%
24	4.643	1088	1105	1130	rBV	408787	970723	9.30%	3.009%
25	4.942	1195	1198	1201	rBV3	1167	682	0.01%	0.002%
26	4.974	1204	1208	1209	rBV3	1581	1038	0.01%	0.003%
27	5.077	1235	1240	1245	rVB5	1010	926	0.01%	0.003%
28	5.128	1252	1256	1261	rVB2	813	809	0.01%	0.003%
29	5.215	1279	1283	1285	rBV	833	595	0.01%	0.002%
30	5.334	1297	1320	1348	rBV2	856798	2544925	24.38%	7.888%
31	5.730	1441	1443	1446	rBV2	951	594	0.01%	0.002%
32	5.804	1463	1466	1470	rVB3	795	591	0.01%	0.002%
33	5.826	1470	1473	1476	rBV3	747	574	0.01%	0.002%
34	5.881	1476	1490	1522	rBV	830855	1709381	16.38%	5.298%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Title : VOC Analysis

35	6.180	1567	1583	1616	rBV	5324447	10437903	100.00%	32.351%
36	6.328	1618	1629	1656	rVB	556822	1170242	11.21%	3.627%
37	6.607	1713	1716	1718	rBV3	974	597	0.01%	0.002%
38	6.665	1732	1734	1737	rVV2	1212	653	0.01%	0.002%
39	6.688	1739	1741	1744	rVV2	1053	687	0.01%	0.002%
40	6.775	1766	1768	1771	rBV3	846	559	0.01%	0.002%
41	6.855	1790	1793	1798	rVB4	1191	968	0.01%	0.003%
42	6.993	1831	1836	1838	rBV3	823	634	0.01%	0.002%
43	7.051	1852	1854	1858	rBV3	688	553	0.01%	0.002%
44	7.090	1864	1866	1871	rVB2	1279	799	0.01%	0.002%
45	7.225	1896	1908	1935	rBV	315881	596736	5.72%	1.849%
46	7.427	1968	1971	1976	rBV3	1520	1534	0.01%	0.005%
47	7.476	1984	1986	1992	rVB3	1458	878	0.01%	0.003%
48	7.562	2000	2013	2034	rBV	1071347	1966321	18.84%	6.094%
49	7.849	2091	2102	2123	rBV	208996	381599	3.66%	1.183%
50	8.115	2183	2185	2189	rBV4	795	605	0.01%	0.002%
51	8.173	2195	2203	2212	rBV4	7709	12902	0.12%	0.040%
52	8.225	2212	2219	2233	rVB6	12493	22784	0.22%	0.071%
53	8.312	2234	2246	2291	rBV	862928	1629609	15.61%	5.051%
54	8.588	2329	2332	2335	rBV5	1278	1012	0.01%	0.003%
55	8.813	2400	2402	2407	rVB4	869	616	0.01%	0.002%
56	8.849	2410	2413	2418	rVB4	1517	1121	0.01%	0.003%
57	8.923	2433	2436	2438	rBV3	1660	886	0.01%	0.003%
58	9.086	2474	2487	2517	rBV	1163558	2008511	19.24%	6.225%
59	9.373	2570	2576	2578	rBV5	3419	3249	0.03%	0.010%
60	9.466	2596	2605	2612	rBV8	2530	4399	0.04%	0.014%
61	9.614	2648	2651	2657	rVB4	1016	827	0.01%	0.003%
62	9.685	2667	2673	2677	rBV3	737	938	0.01%	0.003%
63	9.787	2697	2705	2707	rBV6	1900	2629	0.03%	0.008%
64	9.894	2733	2738	2741	rVB3	1007	761	0.01%	0.002%
65	9.922	2744	2747	2750	rBV2	1071	736	0.01%	0.002%
66	10.035	2775	2782	2784	rBV4	913	992	0.01%	0.003%
67	10.180	2822	2827	2830	rBV4	920	818	0.01%	0.003%
68	10.218	2832	2839	2843	rBV5	3960	4853	0.05%	0.015%
69	10.427	2890	2904	2929	rVV	762488	1266319	12.13%	3.925%
70	10.604	2949	2959	2973	rVB3	8458	15962	0.15%	0.049%
71	10.685	2981	2984	2989	rBV3	1316	1184	0.01%	0.004%

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 Title : VOC Analysis

72	10.736	2996	3000	3006	rVB7	1589	1695	0.02%	0.005%
73	10.765	3006	3009	3012	rBV3	1480	1242	0.01%	0.004%
74	10.836	3027	3031	3034	rBV2	816	746	0.01%	0.002%
75	10.858	3034	3038	3042	rBV4	1463	1168	0.01%	0.004%
76	10.974	3070	3074	3078	rVV3	876	807	0.01%	0.003%
77	11.003	3078	3083	3086	rVV4	983	987	0.01%	0.003%
78	11.090	3102	3110	3115	rVB6	1659	2342	0.02%	0.007%
79	11.141	3120	3126	3127	rBV4	2427	1936	0.02%	0.006%
80	11.221	3145	3151	3158	rBV7	2040	2784	0.03%	0.009%
81	11.324	3175	3183	3191	rBV3	6403	10128	0.10%	0.031%
82	11.482	3220	3232	3253	rBV	1098853	1781431	17.07%	5.521%
83	11.746	3305	3314	3331	rBV2	72200	161553	1.55%	0.501%
84	11.855	3337	3348	3374	rVB	1002327	1662713	15.93%	5.153%
85	12.360	3503	3505	3508	rBV2	881	562	0.01%	0.002%
86	12.398	3514	3517	3520	rVB4	1519	879	0.01%	0.003%
87	12.469	3536	3539	3540	rBV3	1502	832	0.01%	0.003%
88	12.524	3552	3556	3557	rBV3	1126	833	0.01%	0.003%
89	12.639	3589	3592	3595	rBV4	1670	1468	0.01%	0.005%
90	12.832	3650	3652	3657	rVB6	1329	981	0.01%	0.003%
91	12.890	3667	3670	3672	rBV3	1915	1310	0.01%	0.004%
92	12.922	3677	3680	3683	rVB3	1353	813	0.01%	0.003%
93	12.990	3698	3701	3704	rBV	2317	1370	0.01%	0.004%
94	13.189	3760	3763	3764	rBV2	1847	1089	0.01%	0.003%
95	13.745	3927	3936	3950	rBV2	57653	118967	1.14%	0.369%
96	14.151	4059	4062	4064	rBV4	1429	1001	0.01%	0.003%
97	14.880	4279	4289	4311	rBV	121948	257382	2.47%	0.798%
98	15.064	4337	4346	4363	rVB2	51310	95806	0.92%	0.297%
99	15.919	4602	4612	4630	rBV2	65674	130544	1.25%	0.405%
100	16.060	4648	4656	4663	rBV2	50875	83865	0.80%	0.260%

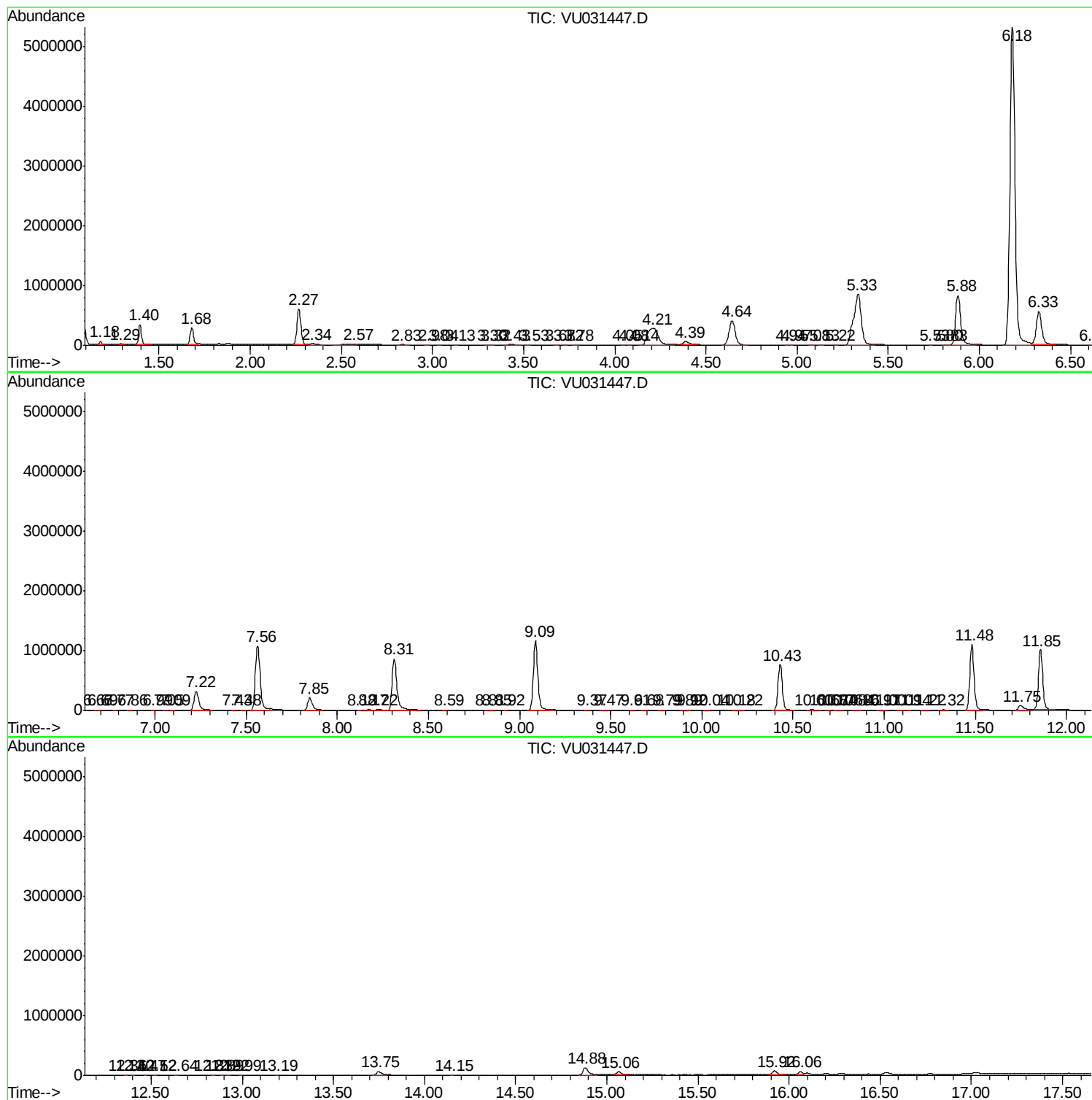
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Instrument :
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ClientSampled :
C0XG3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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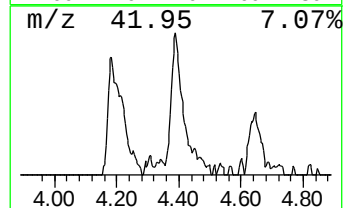
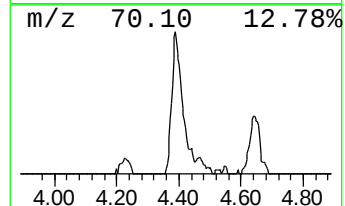
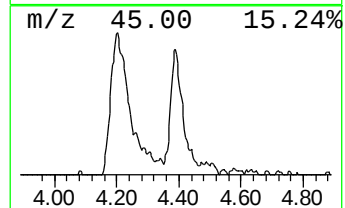
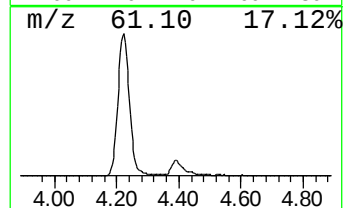
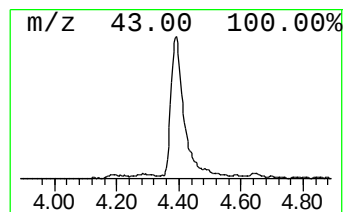
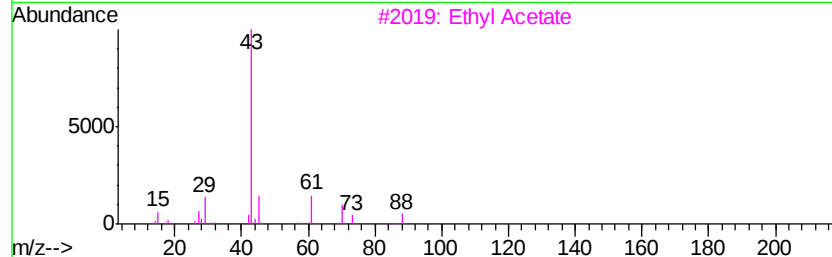
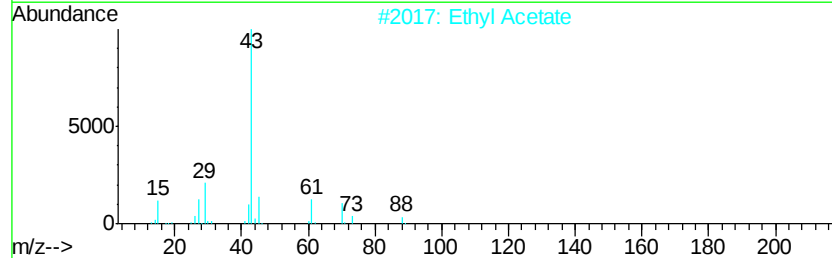
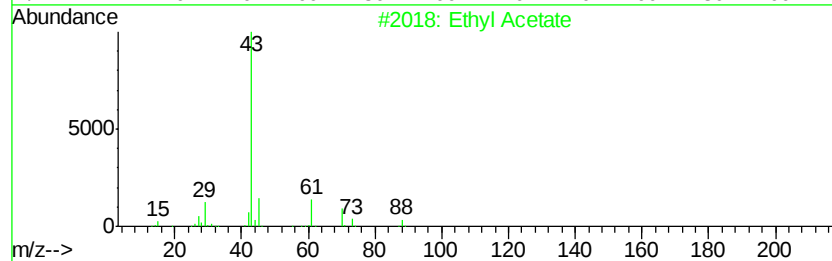
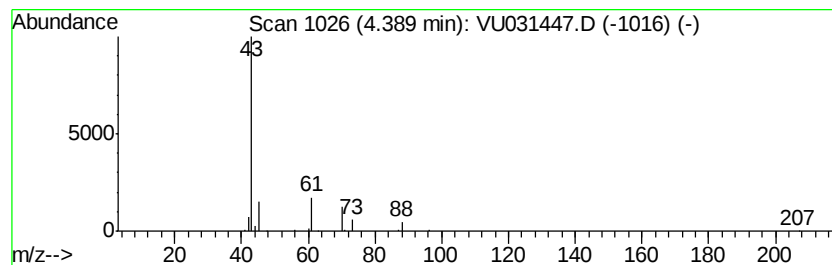
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.64 ug/L	124594	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	72
5		(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9



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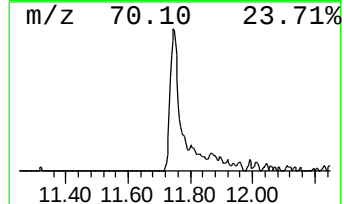
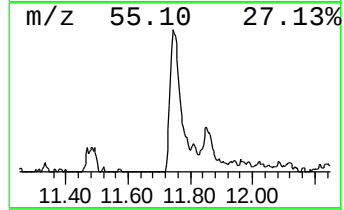
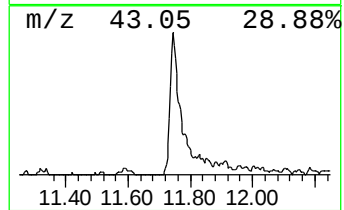
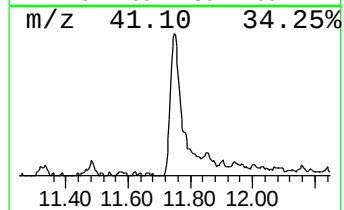
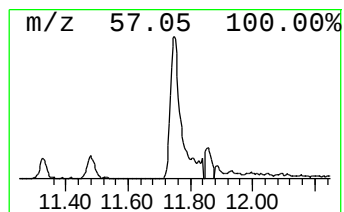
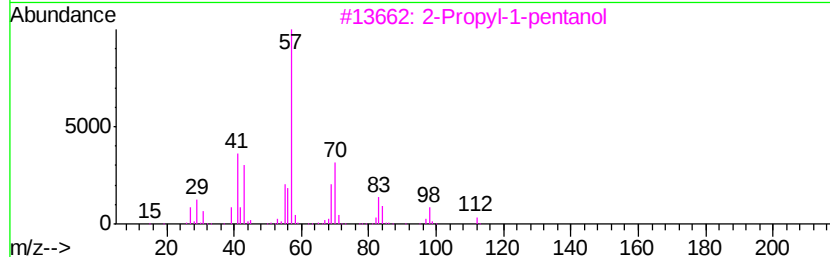
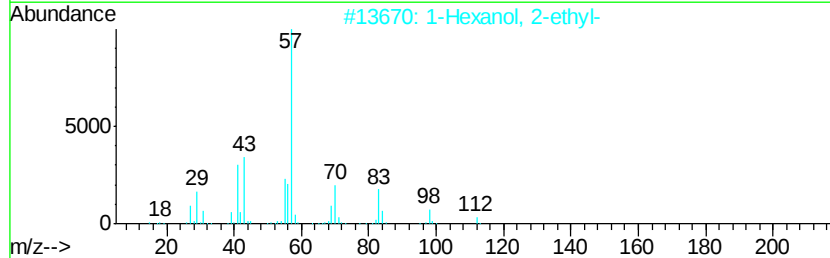
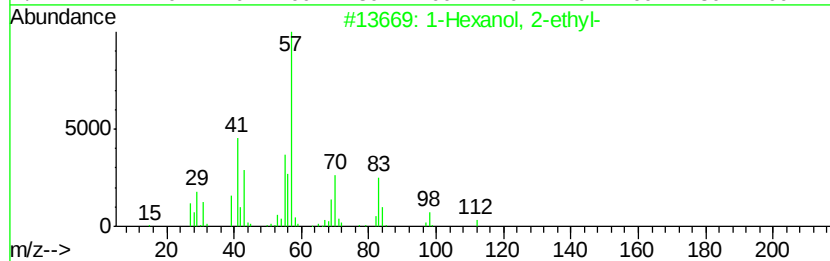
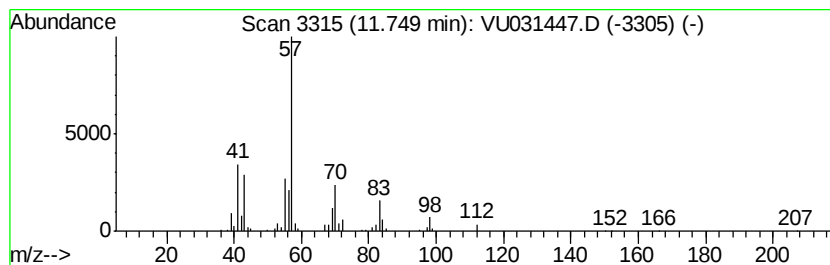
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.53 ug/L	161553	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53



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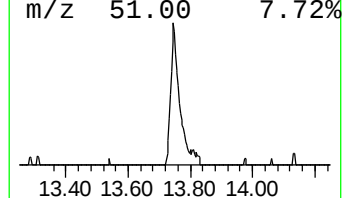
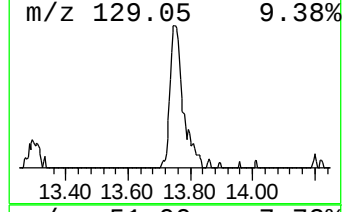
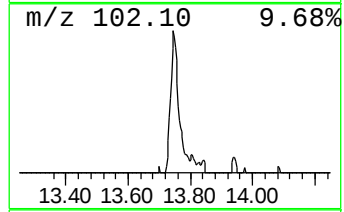
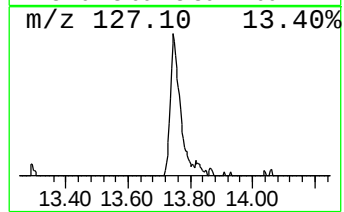
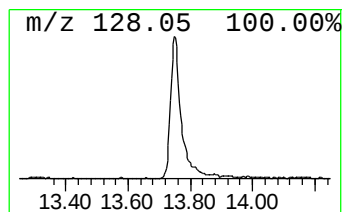
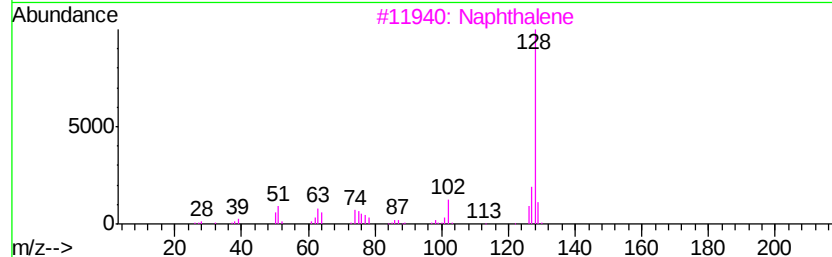
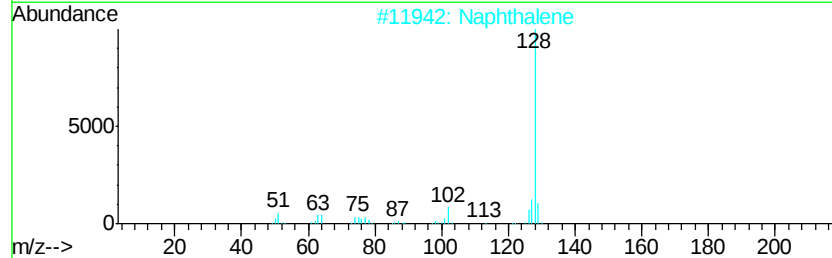
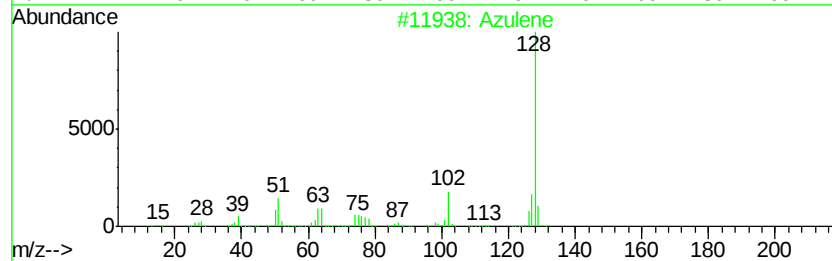
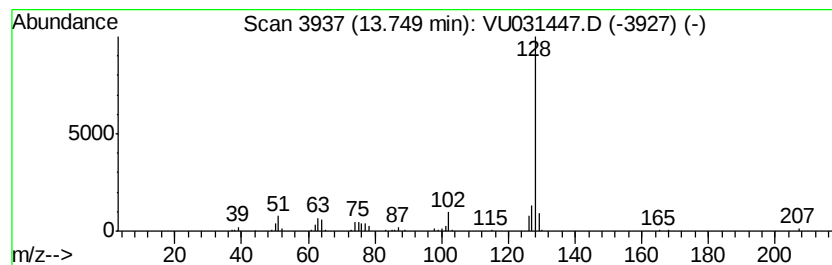
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.34 ug/L	118967	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
Operator : JC/SP
Sample : K2536-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

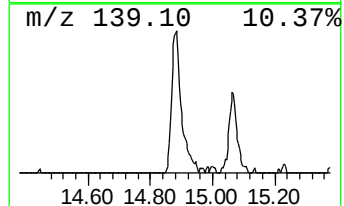
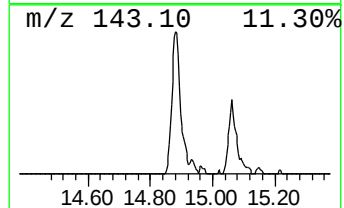
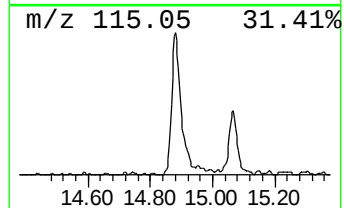
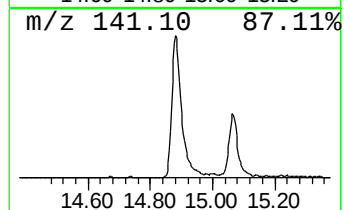
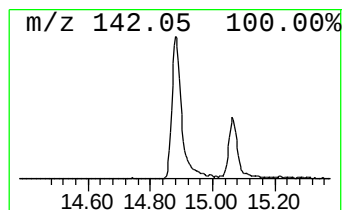
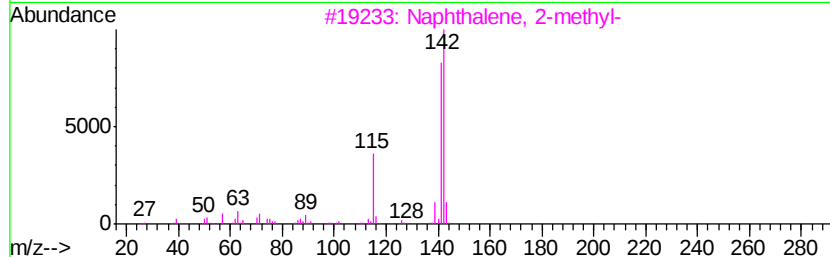
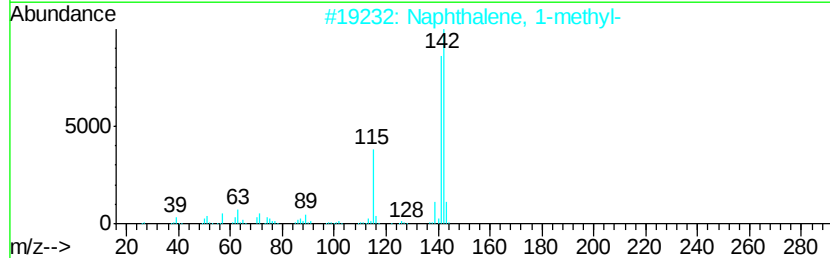
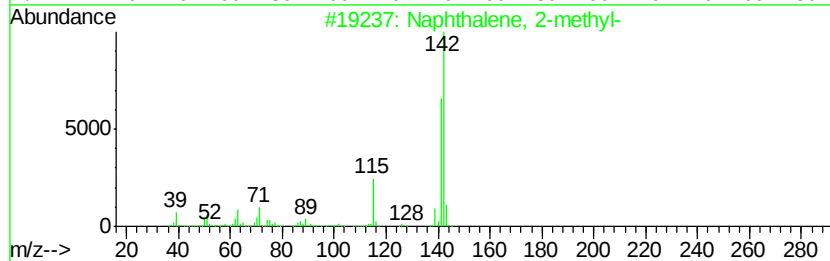
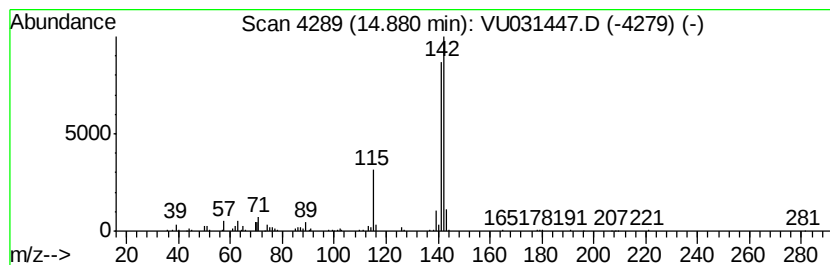
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.22 ug/L	257382	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
Operator : JC/SP
Sample : K2536-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

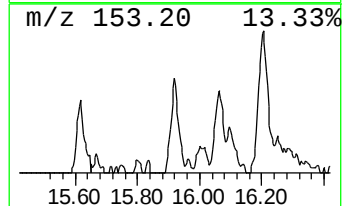
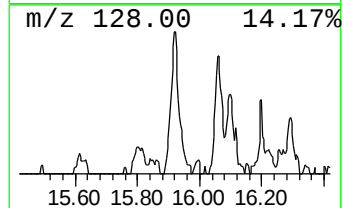
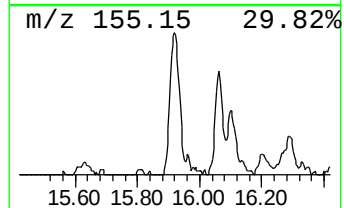
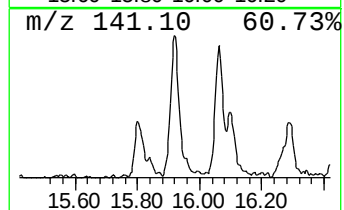
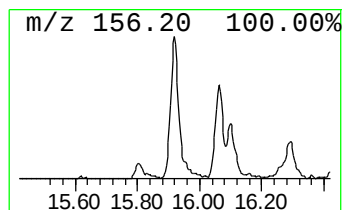
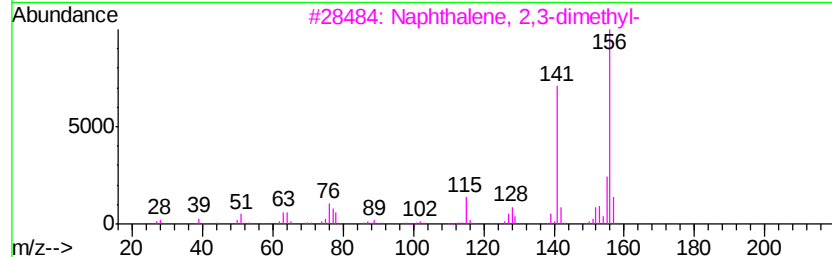
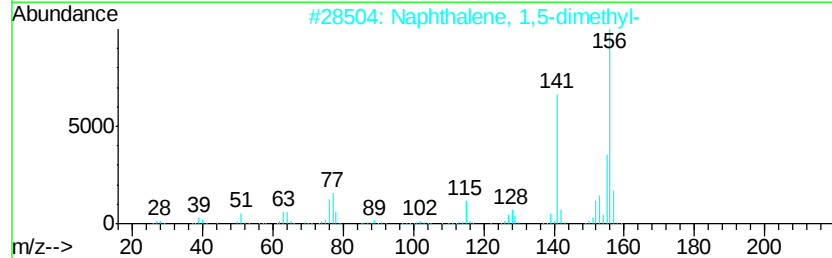
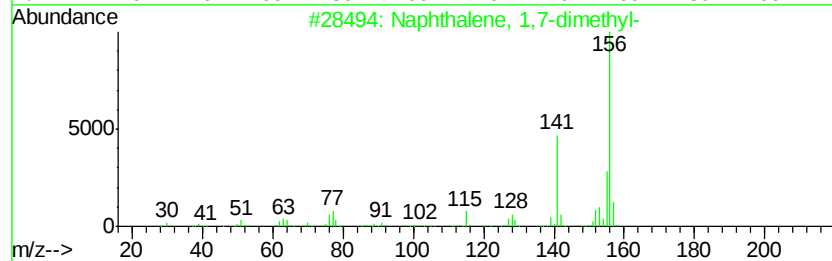
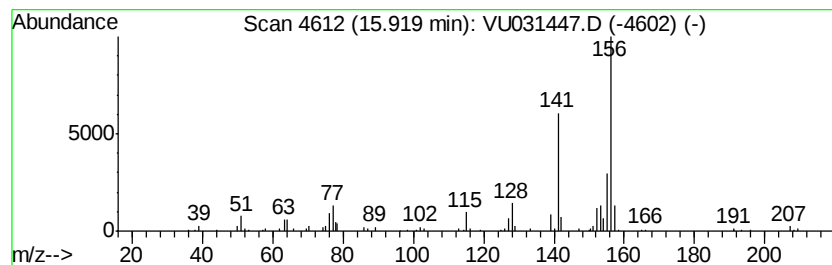
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.66 ug/L	130544	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
Operator : JC/SP
Sample : K2536-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.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
Ethyl Acetate	4.39	3.6	ug/L	124594	1	5.88	1709380	50.0
1-Hexanol, 2-ethyl-	11.75	4.5	ug/L	161553	3	11.48	1781430	50.0
Azulene	13.75	3.3	ug/L	118967	3	11.48	1781430	50.0
Naphthalene, 1-me...	14.88	7.2	ug/L	257382	3	11.48	1781430	50.0
Naphthalene, 1,7-...	15.92	3.7	ug/L	130544	3	11.48	1781430	50.0