

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031446.D
 Acq On : 23 Apr 2019 18:19
 Operator : JC/SP
 Sample : K2536-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X21

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	22	27	34	rVB2	53671	52037	0.53%	0.159%
2	1.289	58	62	68	rBV	16818	16799	0.17%	0.051%
3	1.396	87	95	108	rVB	343552	379999	3.89%	1.159%
4	1.678	175	183	195	rBV	283716	363823	3.73%	1.110%
5	2.267	356	366	379	rVB	595038	904267	9.27%	2.759%
6	2.341	380	389	416	rVB	26691	71093	0.73%	0.217%
7	2.537	426	450	453	rBV9	19502	54309	0.56%	0.166%
8	2.833	536	542	559	rVB3	7837	15307	0.16%	0.047%
9	2.984	579	589	595	rBV6	4903	8509	0.09%	0.026%
10	3.064	610	614	617	rBV3	763	592	0.01%	0.002%
11	3.096	621	624	627	rBV2	1063	586	0.01%	0.002%
12	3.180	646	650	652	rVB4	948	619	0.01%	0.002%
13	3.225	660	664	670	rVB5	1100	1263	0.01%	0.004%
14	3.354	700	704	706	rBV2	1069	750	0.01%	0.002%
15	3.723	814	819	823	rBV3	832	821	0.01%	0.003%
16	3.916	876	879	882	rVB	1018	599	0.01%	0.002%
17	3.945	882	888	891	rBV3	936	977	0.01%	0.003%
18	4.029	907	914	917	rBV3	1019	1273	0.01%	0.004%
19	4.209	950	970	1009	rBV3	273083	1178350	12.07%	3.595%
20	4.389	1016	1026	1043	rBV2	49468	114772	1.18%	0.350%
21	4.643	1088	1105	1127	rBV2	405287	957212	9.81%	2.921%
22	4.958	1200	1203	1205	rBV2	1022	623	0.01%	0.002%
23	5.196	1272	1277	1280	rBV5	1090	1159	0.01%	0.004%
24	5.334	1296	1320	1348	rBV2	836579	2499506	25.61%	7.626%
25	5.646	1414	1417	1419	rBV2	1002	732	0.01%	0.002%
26	5.881	1476	1490	1523	rBV	789917	1621540	16.62%	4.948%
27	6.180	1568	1583	1616	rBV	4934028	9758701	100.00%	29.776%
28	6.328	1617	1629	1656	rVB	499239	1061307	10.88%	3.238%
29	6.694	1738	1743	1746	rVB6	1021	779	0.01%	0.002%
30	6.720	1746	1751	1752	rBV4	730	611	0.01%	0.002%
31	6.775	1764	1768	1769	rVV	1000	813	0.01%	0.002%
32	6.784	1769	1771	1773	rVV2	1300	786	0.01%	0.002%
33	6.865	1793	1796	1800	rBV4	768	671	0.01%	0.002%
34	6.897	1804	1806	1809	rVV4	1249	840	0.01%	0.003%

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 Title : VOC Analysis

35	6.968	1825	1828	1832	rBV2	838	577	0.01%	0.002%
36	6.990	1832	1835	1837	rBV2	992	604	0.01%	0.002%
37	7.074	1856	1861	1866	rVB3	1270	920	0.01%	0.003%
38	7.116	1872	1874	1878	rVB3	823	640	0.01%	0.002%
39	7.225	1896	1908	1937	rBV	313762	588075	6.03%	1.794%
40	7.476	1981	1986	1988	rBV3	1193	981	0.01%	0.003%
41	7.563	1999	2013	2032	rBV	1047690	1939179	19.87%	5.917%
42	7.849	2091	2102	2127	rBV2	195537	358671	3.68%	1.094%
43	8.128	2187	2189	2192	rVB2	1170	620	0.01%	0.002%
44	8.177	2192	2204	2211	rBV4	8052	14790	0.15%	0.045%
45	8.225	2211	2219	2231	rVB4	11470	20581	0.21%	0.063%
46	8.308	2234	2245	2279	rBV	775833	1451229	14.87%	4.428%
47	8.665	2353	2356	2358	rBV3	1597	839	0.01%	0.003%
48	8.717	2368	2372	2375	rBV3	1393	1412	0.01%	0.004%
49	8.733	2375	2377	2382	rVB3	1210	687	0.01%	0.002%
50	8.897	2424	2428	2429	rBV3	932	616	0.01%	0.002%
51	8.919	2433	2435	2441	rVB4	901	834	0.01%	0.003%
52	8.993	2456	2458	2463	rVB4	1090	877	0.01%	0.003%
53	9.022	2464	2467	2469	rBV2	974	613	0.01%	0.002%
54	9.087	2474	2487	2513	rBV	1035952	1801710	18.46%	5.497%
55	9.308	2553	2556	2558	rBV4	1481	996	0.01%	0.003%
56	9.324	2559	2561	2564	rVB4	1553	731	0.01%	0.002%
57	9.376	2570	2577	2590	rVB8	5343	10592	0.11%	0.032%
58	9.460	2599	2603	2604	rBV2	1646	1056	0.01%	0.003%
59	9.717	2680	2683	2688	rVB3	908	576	0.01%	0.002%
60	9.771	2696	2700	2702	rBV2	2103	1751	0.02%	0.005%
61	9.929	2741	2749	2754	rBV4	902	1355	0.01%	0.004%
62	10.051	2783	2787	2790	rBV3	765	664	0.01%	0.002%
63	10.096	2796	2801	2803	rBV3	686	586	0.01%	0.002%
64	10.218	2832	2839	2844	rBV7	3119	4661	0.05%	0.014%
65	10.379	2885	2889	2892	rBV3	1096	859	0.01%	0.003%
66	10.427	2892	2904	2925	rBV	706797	1154450	11.83%	3.522%
67	10.604	2950	2959	2971	rVB4	8155	13119	0.13%	0.040%
68	10.685	2979	2984	2994	rBV9	1928	3081	0.03%	0.009%
69	10.906	3049	3053	3056	rBV4	1009	901	0.01%	0.003%
70	10.922	3056	3058	3065	rVB4	940	813	0.01%	0.002%
71	11.013	3083	3086	3089	rVB3	1835	1147	0.01%	0.003%

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72	11.148	3122	3128	3136	rBV6	5108	7907	0.08%	0.024%
73	11.222	3144	3151	3159	rBV6	5928	7902	0.08%	0.024%
74	11.324	3178	3183	3194	rVB4	5684	8905	0.09%	0.027%
75	11.408	3207	3209	3213	rVB4	1725	992	0.01%	0.003%
76	11.482	3219	3232	3253	rBV	1018442	1664606	17.06%	5.079%
77	11.746	3304	3314	3336	rBV2	64783	151600	1.55%	0.463%
78	11.855	3337	3348	3373	rVB	957942	1588912	16.28%	4.848%
79	12.209	3454	3458	3460	rBV3	1318	1252	0.01%	0.004%
80	12.228	3460	3464	3465	rBV5	1757	1194	0.01%	0.004%
81	12.430	3520	3527	3534	rBV9	2147	3225	0.03%	0.010%
82	12.527	3553	3557	3559	rBV5	1665	1074	0.01%	0.003%
83	12.897	3668	3672	3676	rBV5	2364	2489	0.03%	0.008%
84	13.102	3732	3736	3737	rBV3	1722	1130	0.01%	0.003%
85	13.119	3738	3741	3749	rVB8	4232	4894	0.05%	0.015%
86	13.193	3757	3764	3778	rVB10	7545	13393	0.14%	0.041%
87	13.292	3791	3795	3810	rVB10	8629	15062	0.15%	0.046%
88	13.488	3853	3856	3859	rBV4	1692	1377	0.01%	0.004%
89	13.614	3893	3895	3900	rBV6	1513	1600	0.02%	0.005%
90	13.742	3924	3935	3956	rBV	197114	366986	3.76%	1.120%
91	14.138	4055	4058	4061	rBV2	3036	2174	0.02%	0.007%
92	14.874	4276	4287	4314	rBV	505783	923328	9.46%	2.817%
93	15.061	4335	4345	4366	rVB	180245	314357	3.22%	0.959%
94	15.610	4508	4516	4527	rBV3	43830	69369	0.71%	0.212%
95	15.797	4567	4574	4582	rBV	36884	60903	0.62%	0.186%
96	15.913	4600	4610	4627	rBV2	226628	408967	4.19%	1.248%
97	16.057	4646	4655	4662	rBV2	170410	277310	2.84%	0.846%
98	16.192	4689	4697	4710	rBV2	78077	138743	1.42%	0.423%
99	16.430	4765	4771	4784	rVB2	26283	40999	0.42%	0.125%
100	16.530	4791	4802	4823	rBV3	112518	239777	2.46%	0.732%

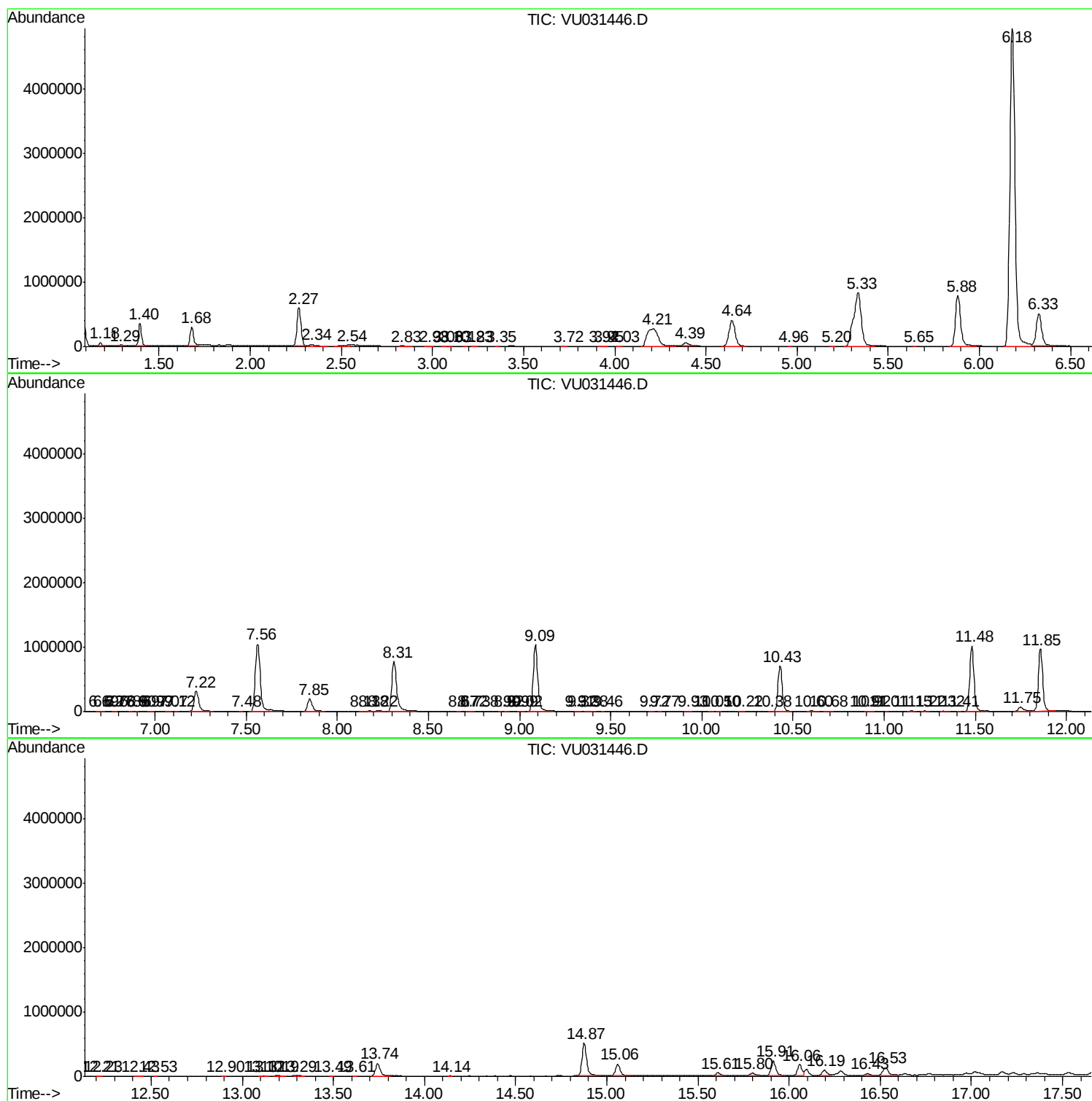
Sum of corrected areas: 32774245

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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



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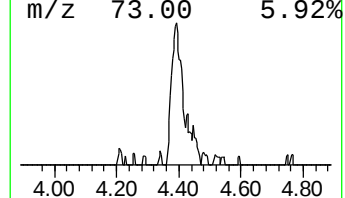
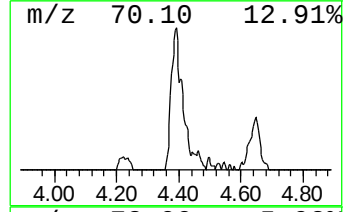
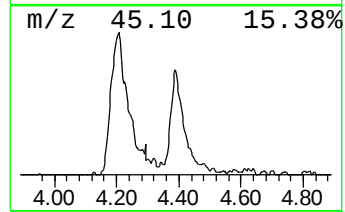
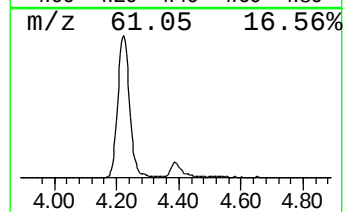
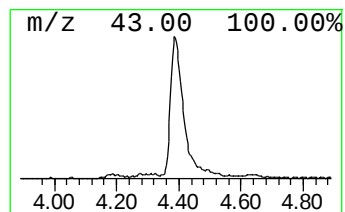
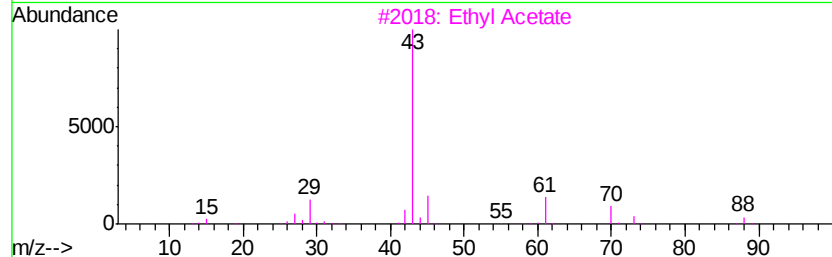
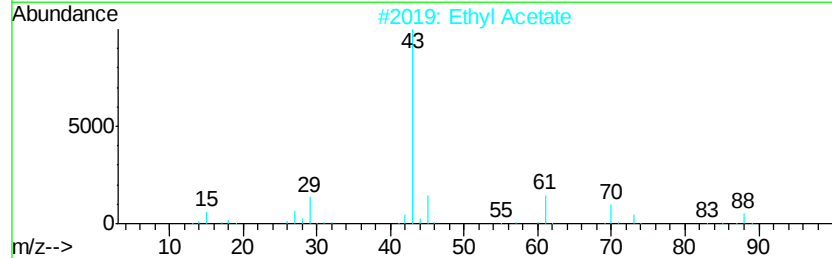
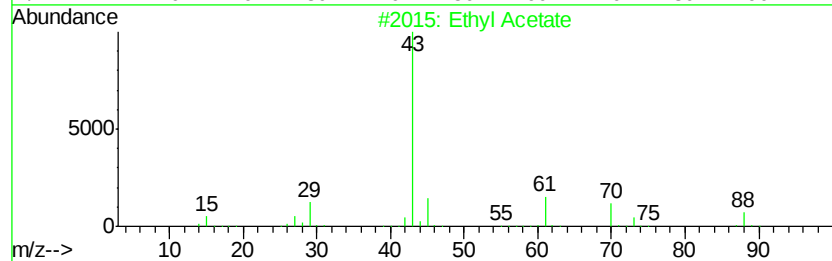
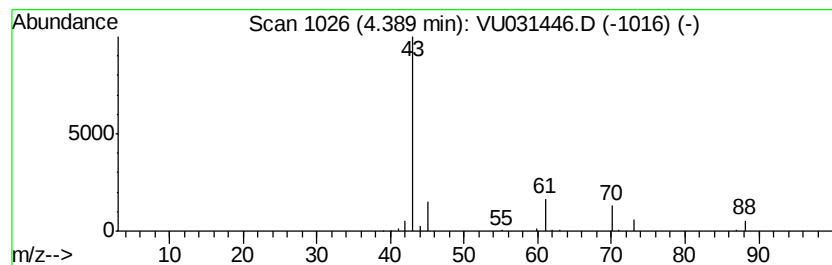
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.54 ug/L	114772	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	78
4			Ethyl Acetate	88	C4H8O2	000141-78-6	72
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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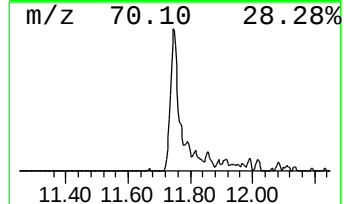
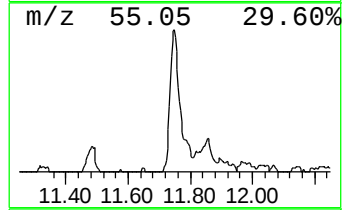
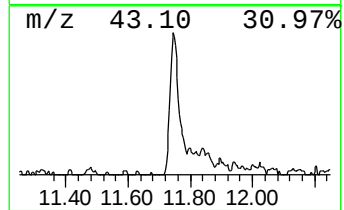
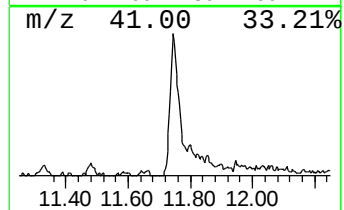
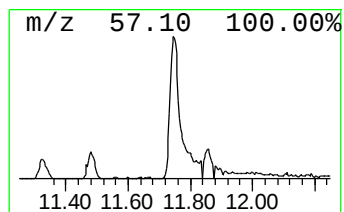
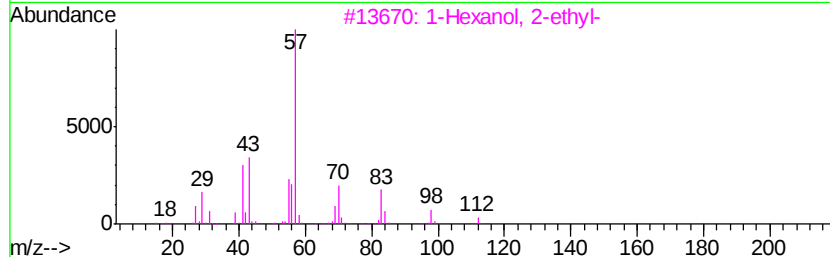
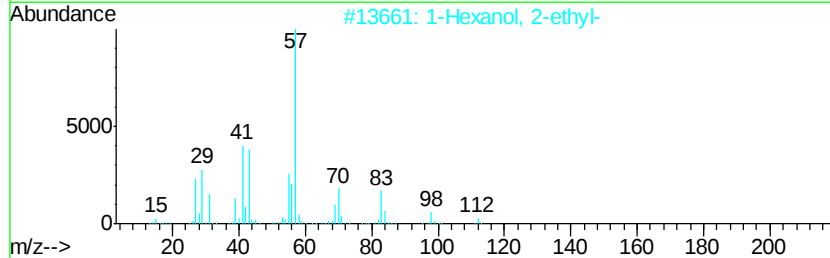
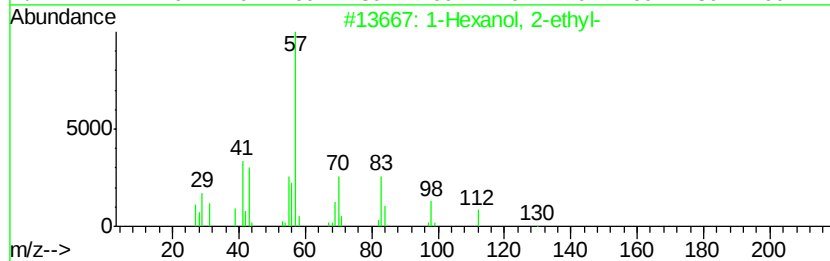
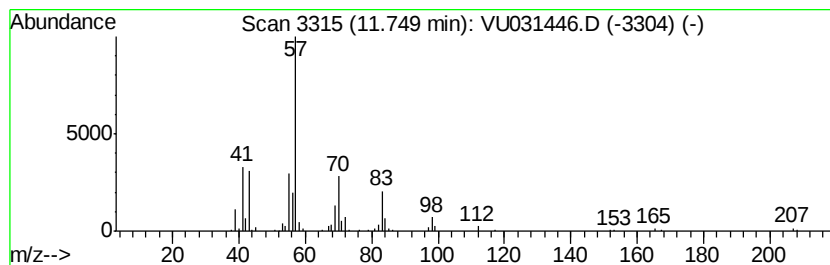
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Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.55 ug/L	151600	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



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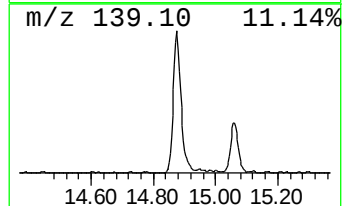
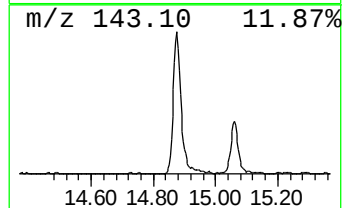
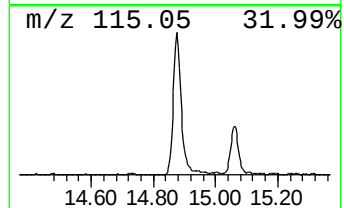
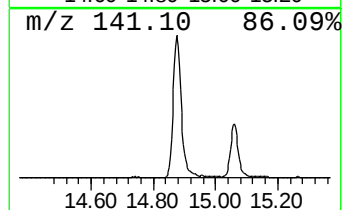
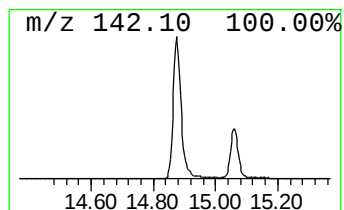
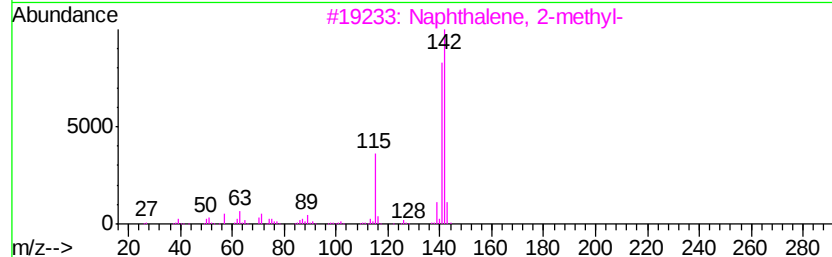
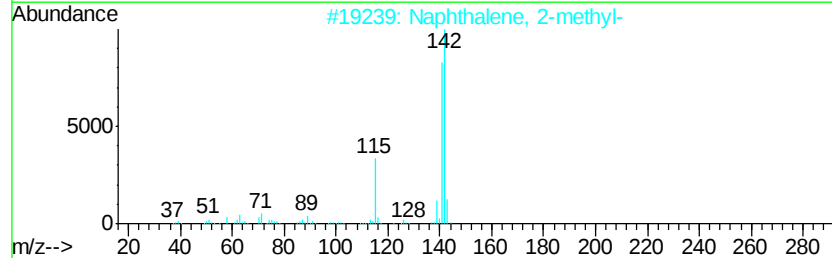
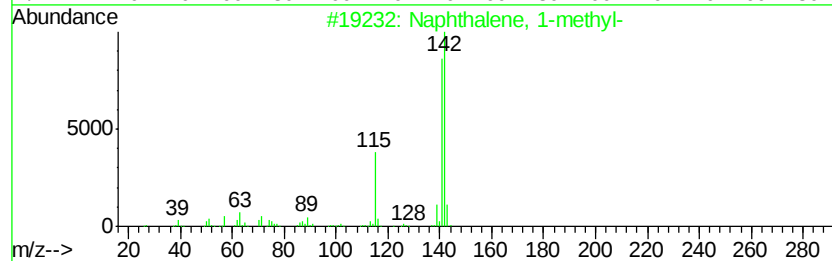
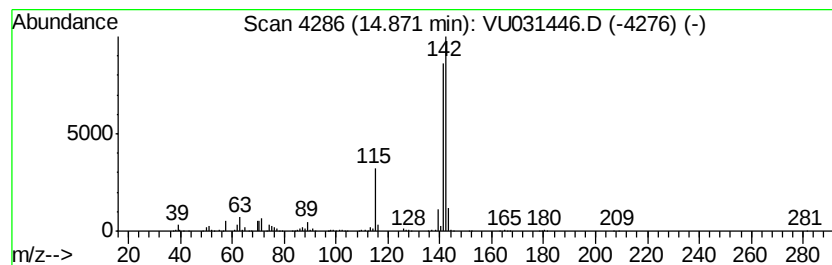
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	27.73 ug/L	923328	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031446.D
Acq On : 23 Apr 2019 18:19
Operator : JC/SP
Sample : K2536-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21

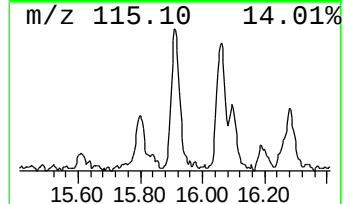
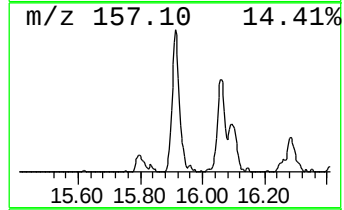
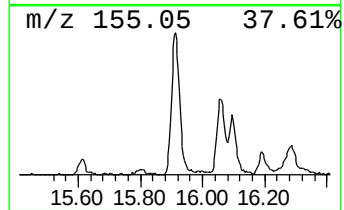
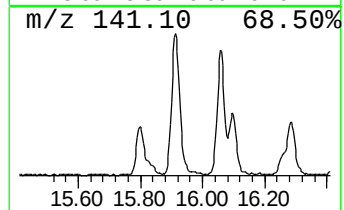
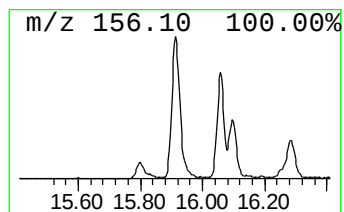
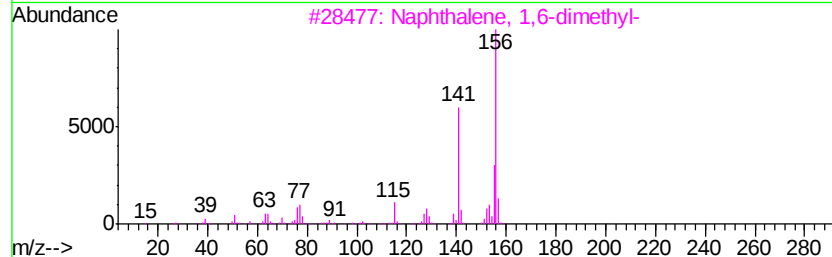
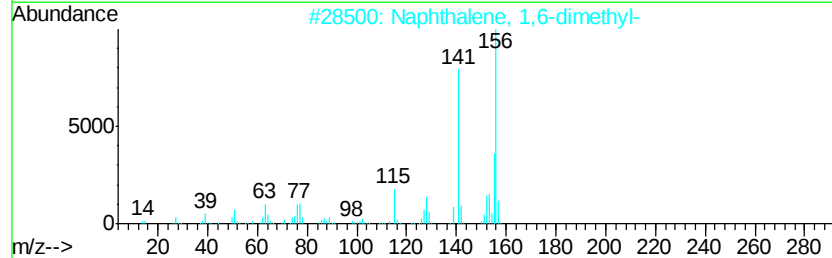
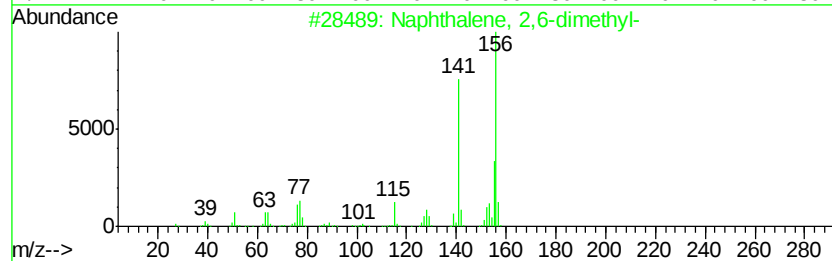
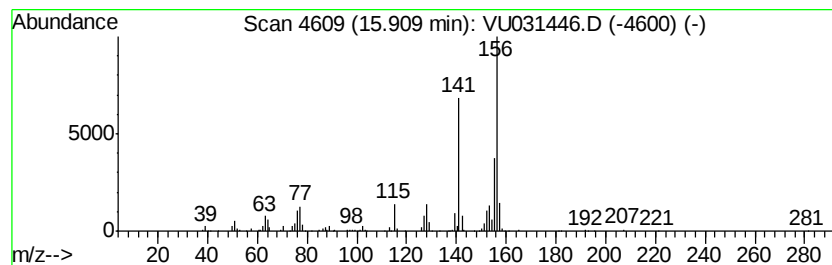
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	12.28 ug/L	408967	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031446.D
Acq On : 23 Apr 2019 18:19
Operator : JC/SP
Sample : K2536-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21

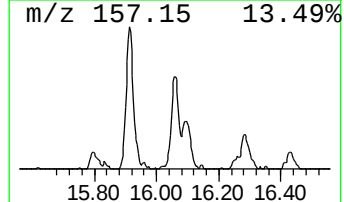
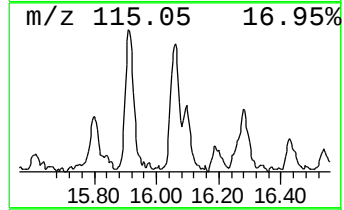
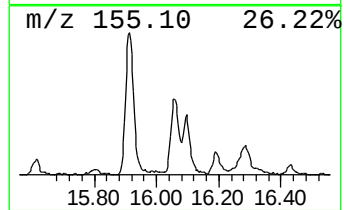
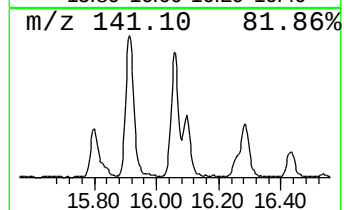
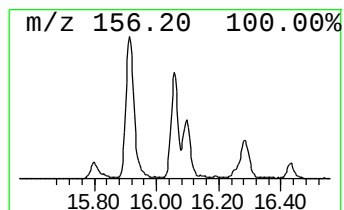
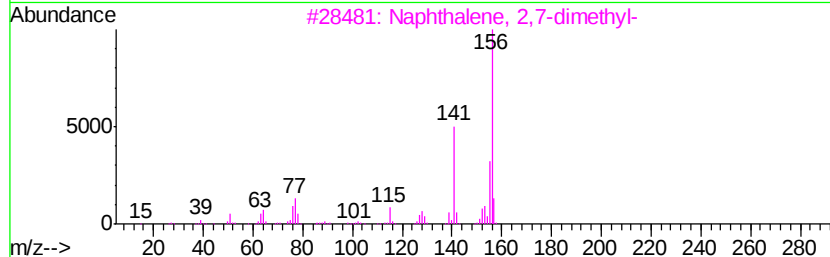
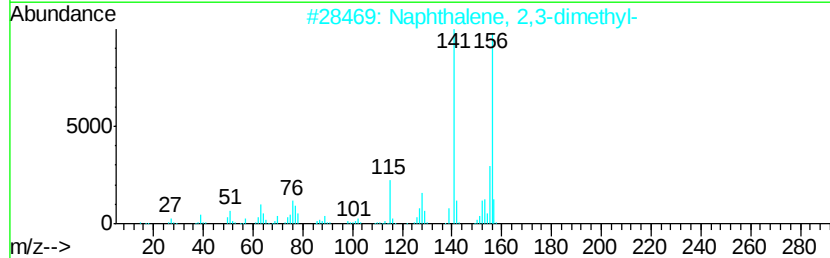
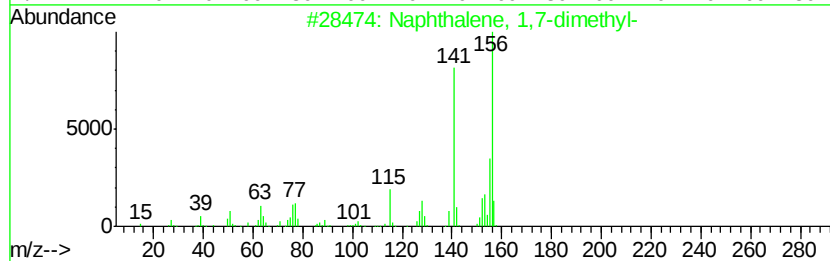
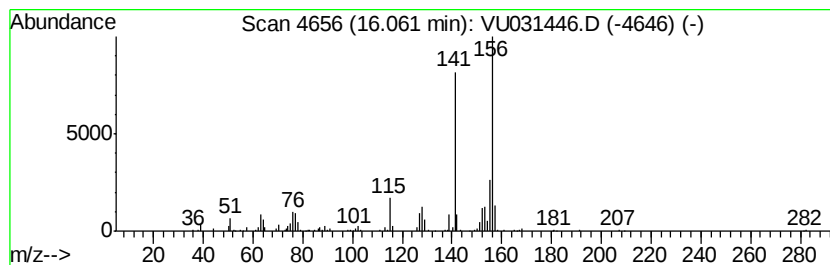
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.33 ug/L	277310	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031446.D
Acq On : 23 Apr 2019 18:19
Operator : JC/SP
Sample : K2536-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21

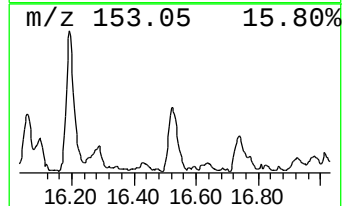
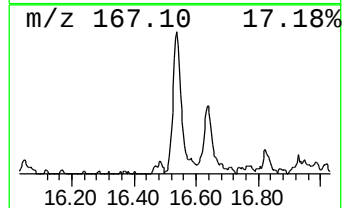
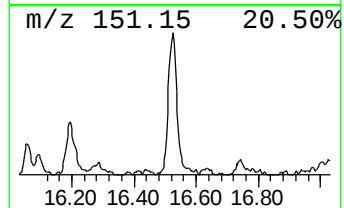
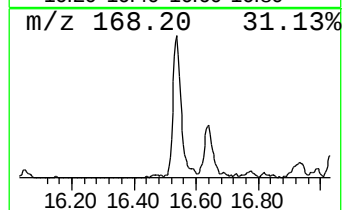
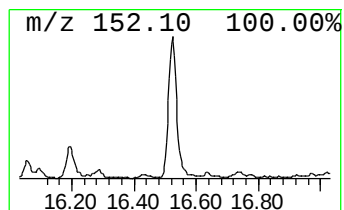
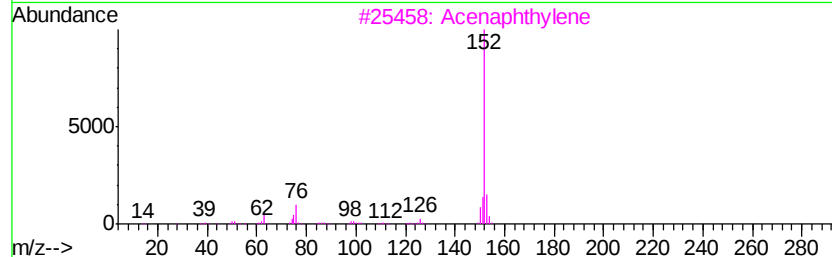
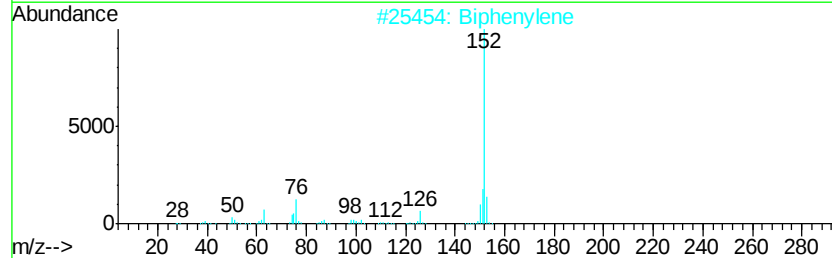
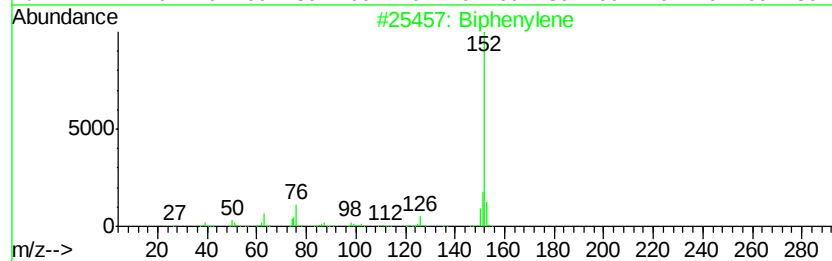
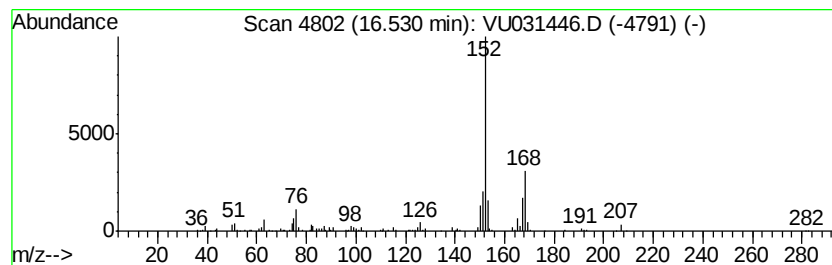
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	7.20 ug/L	239777	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	94
2			Biphenylene	152	C12H8	000259-79-0	89
3			Acenaphthylene	152	C12H8	000208-96-8	76
4			Acenaphthylene	152	C12H8	000208-96-8	70
5			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031446.D
Acq On : 23 Apr 2019 18:19
Operator : JC/SP
Sample : K2536-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21

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	3.5	ug/L	114772	1	5.88	1621540	50.0
1-Hexanol, 2-ethyl-	11.75	4.5	ug/L	151600	3	11.48	1664610	50.0
Naphthalene, 1-me...	14.87	27.7	ug/L	923328	3	11.48	1664610	50.0
Naphthalene, 2,6-...	15.91	12.3	ug/L	408967	3	11.48	1664610	50.0
Naphthalene, 1,7-...	16.06	8.3	ug/L	277310	3	11.48	1664610	50.0
Biphenylene	16.53	7.2	ug/L	239777	3	11.48	1664610	50.0