

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031410.D
 Acq On : 22 Apr 2019 23:39
 Operator : JC/SP
 Sample : K2477-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X35

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	1.180	23	28	35	rBV2	14717	14748	0.00%	0.004%
2	1.396	88	95	114	rVB	395781	426441	0.12%	0.108%
3	1.682	176	184	199	rBV	307581	383827	0.11%	0.097%
4	1.830	223	230	237	rBV	137316	180558	0.05%	0.046%
5	1.885	237	247	274	rVB	2613231	3667341	1.05%	0.927%
6	2.270	356	367	380	rVB	676069	1036689	0.30%	0.262%
7	2.521	440	445	448	rBV5	1472	1580	0.00%	0.000%
8	2.701	492	501	511	rBV3	9636	16665	0.00%	0.004%
9	2.836	532	543	558	rVB2	8450	19464	0.01%	0.005%
10	2.981	577	588	600	rBV2	25613	48572	0.01%	0.012%
11	3.081	613	619	623	rBV2	1033	1106	0.00%	0.000%
12	3.193	650	654	657	rBV3	1328	1055	0.00%	0.000%
13	3.393	712	716	718	rBV3	876	893	0.00%	0.000%
14	3.492	741	747	749	rBV3	1041	808	0.00%	0.000%
15	3.566	765	770	775	rBV	910	925	0.00%	0.000%
16	3.688	802	808	813	rBV	1164	1115	0.00%	0.000%
17	3.782	831	837	839	rBV3	920	831	0.00%	0.000%
18	3.817	845	848	855	rBV3	585	747	0.00%	0.000%
19	3.946	884	888	892	rVB2	990	860	0.00%	0.000%
20	3.997	900	904	908	rBV3	736	759	0.00%	0.000%
21	4.036	908	916	918	rVV4	1169	1329	0.00%	0.000%
22	4.216	949	972	997	rBV2	331616	1310533	0.38%	0.331%
23	4.643	1085	1105	1134	rBV	445225	1114658	0.32%	0.282%
24	4.820	1155	1160	1164	rVB5	959	973	0.00%	0.000%
25	4.872	1172	1176	1178	rBV2	1619	1184	0.00%	0.000%
26	4.971	1202	1207	1210	rBV4	1275	1511	0.00%	0.000%
27	4.987	1210	1212	1215	rVV3	1481	900	0.00%	0.000%
28	5.132	1242	1257	1272	rBV3	34524	77163	0.02%	0.019%
29	5.338	1297	1321	1339	rBV2	843205	2479464	0.71%	0.627%
30	5.666	1420	1423	1426	rVB3	1084	698	0.00%	0.000%
31	5.685	1427	1429	1437	rVB6	1234	1219	0.00%	0.000%
32	5.884	1476	1491	1518	rBV	671679	1382654	0.40%	0.349%
33	6.206	1565	1591	1620	rBV5	130729734	349137856	100.00%	88.219%
34	6.746	1757	1759	1763	rVB3	2115	1037	0.00%	0.000%

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

35	7.225	1896	1908	1932	rBV	343727	626153	0.18%	0.158%
36	7.563	1999	2013	2032	rBV	1242528	2237126	0.64%	0.565%
37	7.846	2091	2101	2124	rBV	233421	417681	0.12%	0.106%
38	8.071	2157	2171	2186	rVV2	36334	68055	0.02%	0.017%
39	8.225	2191	2219	2237	rBV	11606786	20084414	5.75%	5.075%
40	8.309	2238	2245	2285	rVB	859924	1721007	0.49%	0.435%
41	8.826	2402	2406	2409	rBV3	1182	913	0.00%	0.000%
42	8.891	2423	2426	2429	rBV3	1218	1061	0.00%	0.000%
43	8.907	2429	2431	2436	rVV4	1810	1509	0.00%	0.000%
44	8.945	2440	2443	2446	rVB5	1289	1008	0.00%	0.000%
45	9.029	2465	2469	2473	rBV5	1651	1665	0.00%	0.000%
46	9.087	2473	2487	2517	rBV	997068	1748703	0.50%	0.442%
47	9.357	2568	2571	2572	rBV2	1377	877	0.00%	0.000%
48	9.469	2601	2606	2607	rBV3	944	997	0.00%	0.000%
49	9.547	2626	2630	2632	rBV4	1223	996	0.00%	0.000%
50	9.608	2647	2649	2654	rVV5	1161	1056	0.00%	0.000%
51	9.640	2654	2659	2662	rVV6	1112	902	0.00%	0.000%
52	9.714	2677	2682	2686	rVB5	1136	1451	0.00%	0.000%
53	9.749	2686	2693	2696	rBV6	1176	1502	0.00%	0.000%
54	9.945	2752	2754	2760	rVB5	999	742	0.00%	0.000%
55	10.042	2780	2784	2791	rBV8	947	1062	0.00%	0.000%
56	10.080	2791	2796	2800	rBV4	940	1208	0.00%	0.000%
57	10.203	2830	2834	2839	rBV3	839	902	0.00%	0.000%
58	10.312	2865	2868	2876	rVB6	1393	1824	0.00%	0.000%
59	10.428	2892	2904	2929	rBV	735742	1200452	0.34%	0.303%
60	10.604	2949	2959	2971	rVB3	24121	41482	0.01%	0.010%
61	10.707	2988	2991	2996	rVB3	1657	1289	0.00%	0.000%
62	10.765	3004	3009	3012	rVV5	1051	910	0.00%	0.000%
63	10.836	3029	3031	3036	rBV4	1581	1380	0.00%	0.000%
64	10.881	3042	3045	3048	rBV3	957	886	0.00%	0.000%
65	10.974	3070	3074	3076	rBV4	1345	1011	0.00%	0.000%
66	11.022	3087	3089	3094	rBV4	870	828	0.00%	0.000%
67	11.077	3104	3106	3110	rBV5	1255	813	0.00%	0.000%
68	11.116	3115	3118	3122	rBV5	1109	890	0.00%	0.000%
69	11.148	3122	3128	3138	rBV6	3823	5701	0.00%	0.001%
70	11.225	3146	3152	3159	rVB9	3195	4150	0.00%	0.001%
71	11.479	3219	3231	3254	rBV	990330	1592359	0.46%	0.402%

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72	11.633	3276	3279	3284	rVB4	2625	2041	0.00%	0.001%
73	11.855	3335	3348	3373	rBV	1041532	1730967	0.50%	0.437%
74	12.154	3438	3441	3444	rBV4	1658	1190	0.00%	0.000%
75	12.312	3488	3490	3493	rVB3	1460	717	0.00%	0.000%
76	12.402	3516	3518	3521	rBV2	935	742	0.00%	0.000%
77	12.450	3531	3533	3536	rBV4	1263	823	0.00%	0.000%
78	12.473	3536	3540	3552	rVB7	5377	8642	0.00%	0.002%
79	12.849	3655	3657	3661	rVB3	1620	1039	0.00%	0.000%
80	13.026	3709	3712	3717	rBV3	1263	1353	0.00%	0.000%
81	13.128	3739	3744	3747	rBV7	3375	3742	0.00%	0.001%
82	13.193	3759	3764	3766	rBV3	3594	3475	0.00%	0.001%
83	13.296	3787	3796	3802	rBV3	6569	12307	0.00%	0.003%
84	13.389	3822	3825	3829	rBV5	1327	1040	0.00%	0.000%
85	13.614	3893	3895	3898	rBV2	1673	1144	0.00%	0.000%
86	13.672	3909	3913	3919	rBV9	1771	2511	0.00%	0.001%
87	13.746	3926	3936	3953	rBV2	57185	115711	0.03%	0.029%
88	14.141	4050	4059	4069	rBV9	8196	14023	0.00%	0.004%
89	14.344	4114	4122	4126	rBV9	3669	4553	0.00%	0.001%
90	14.874	4276	4287	4319	rBV	391542	706066	0.20%	0.178%
91	15.061	4335	4345	4360	rBV	140454	255878	0.07%	0.065%
92	15.607	4509	4515	4527	rVB4	25389	39260	0.01%	0.010%
93	15.797	4566	4574	4583	rBV	64093	103529	0.03%	0.026%
94	15.910	4598	4609	4626	rBV	366779	657949	0.19%	0.166%
95	16.058	4645	4655	4661	rBV	227122	371555	0.11%	0.094%
96	16.189	4688	4696	4709	rBV	95063	166495	0.05%	0.042%
97	16.427	4763	4770	4782	rBV	42089	69999	0.02%	0.018%
98	16.527	4791	4801	4817	rBV3	125271	249263	0.07%	0.063%
99	16.765	4871	4875	4886	rVB2	46092	66133	0.02%	0.017%
100	17.167	4993	5000	5010	rBV6	49985	78342	0.02%	0.020%

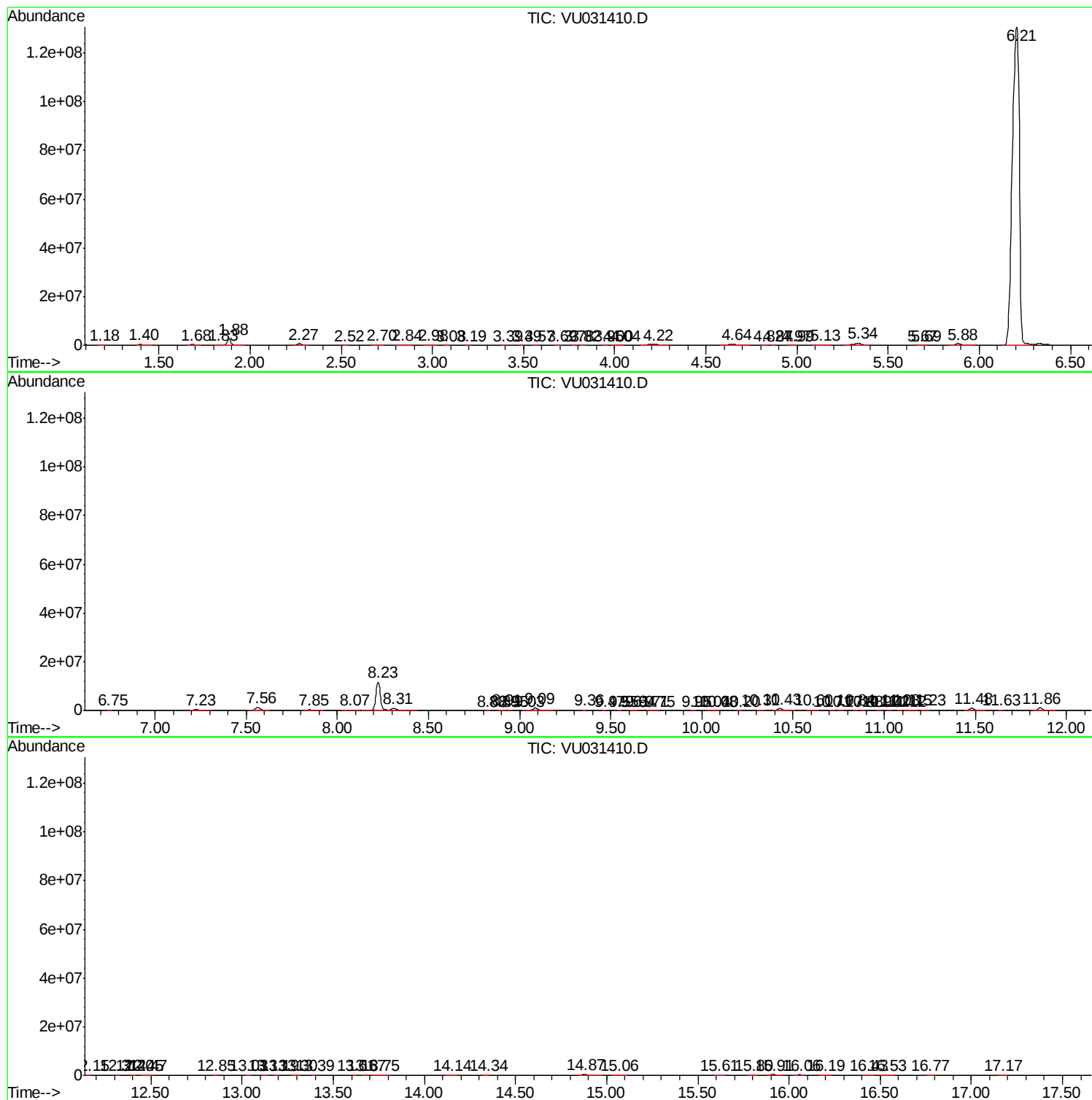
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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



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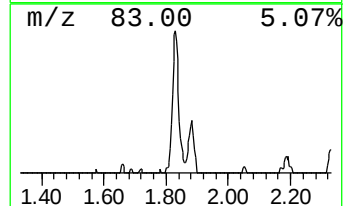
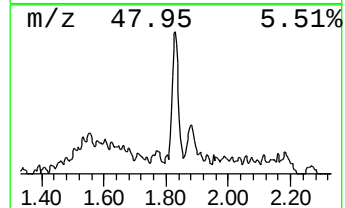
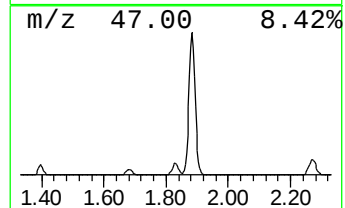
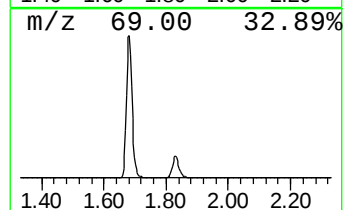
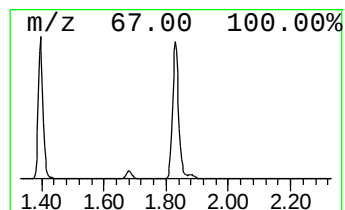
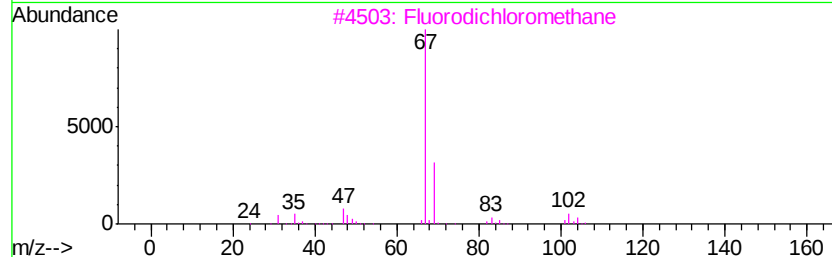
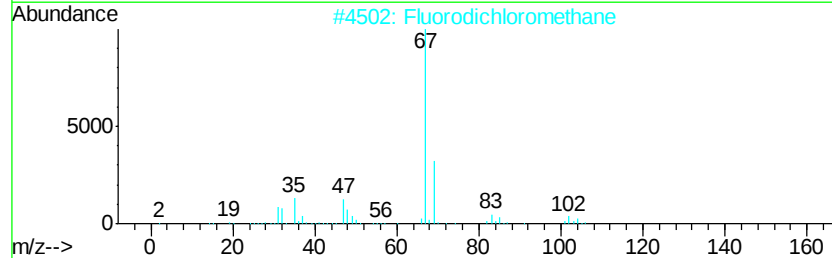
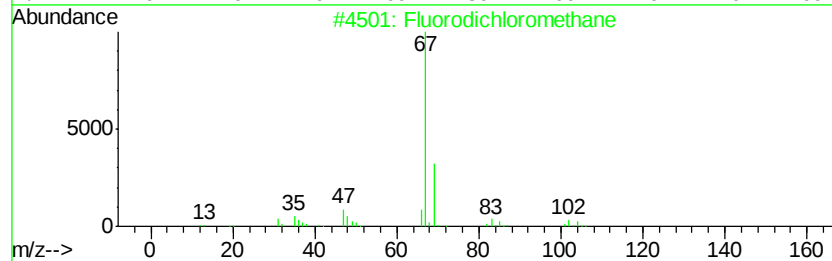
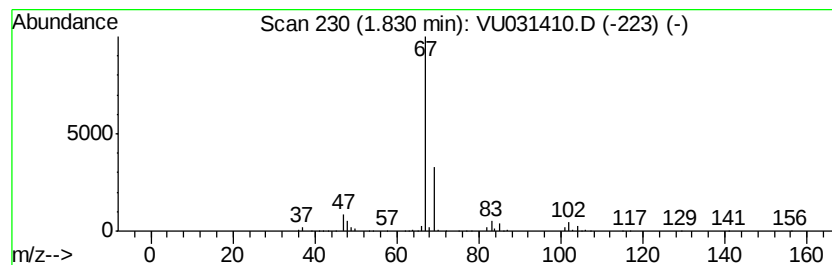
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Fluorodichloromethane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	6.53 ug/L	180558	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2		Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3		Fluorodichloromethane	102	CHCl2F	000075-43-4	90
4		Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	9
5		Methane, bromochlorofluoro-	146	CHBrClF	000593-98-6	9



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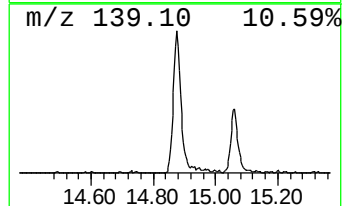
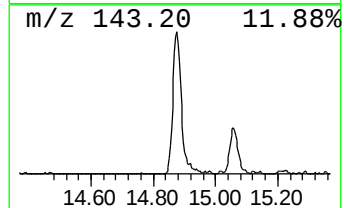
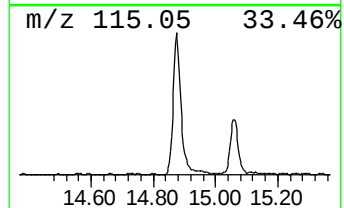
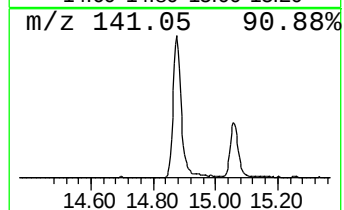
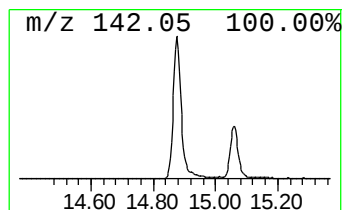
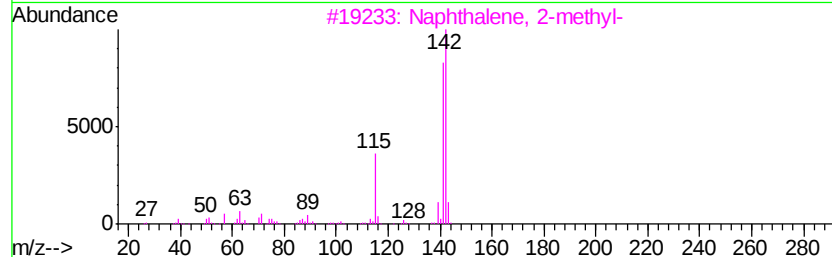
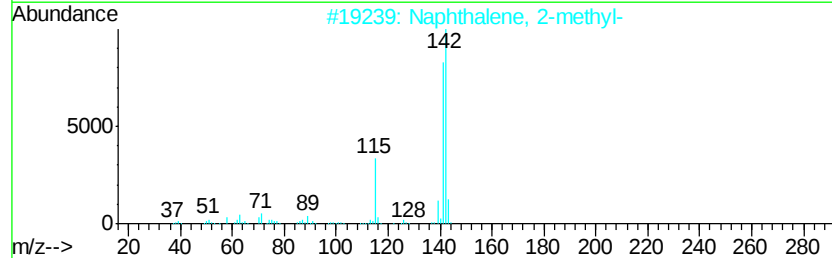
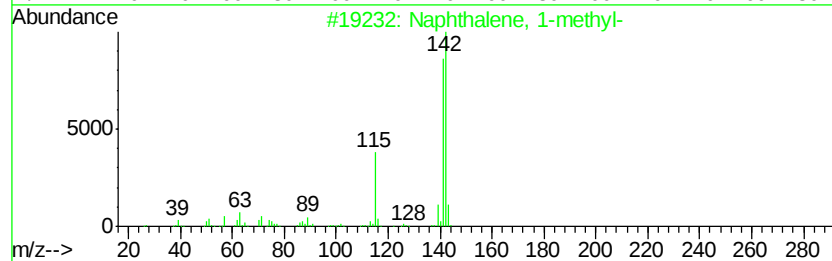
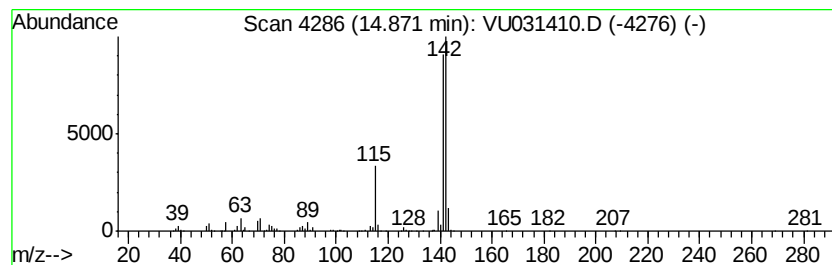
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	22.17 ug/L	706066	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
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	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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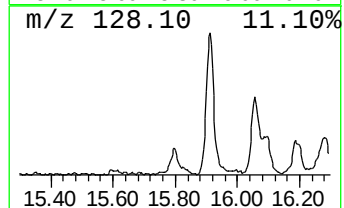
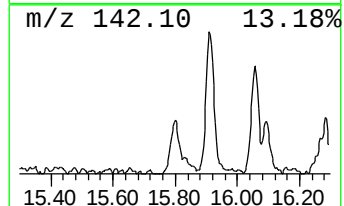
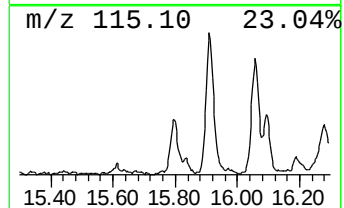
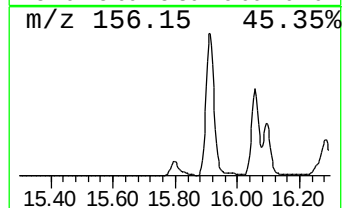
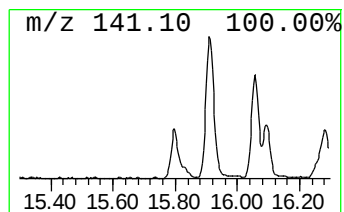
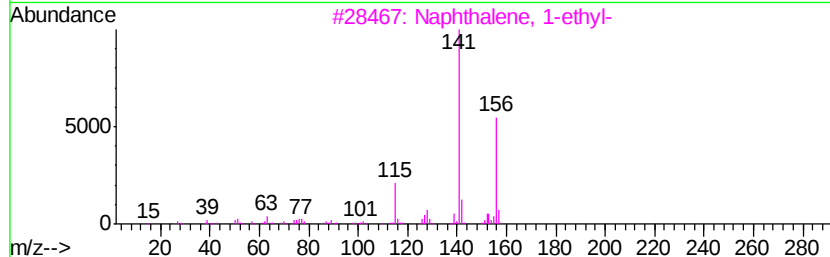
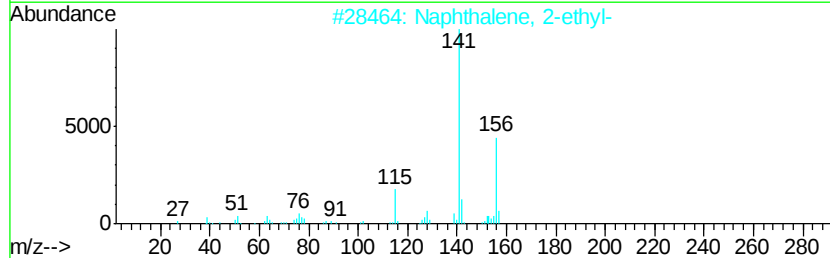
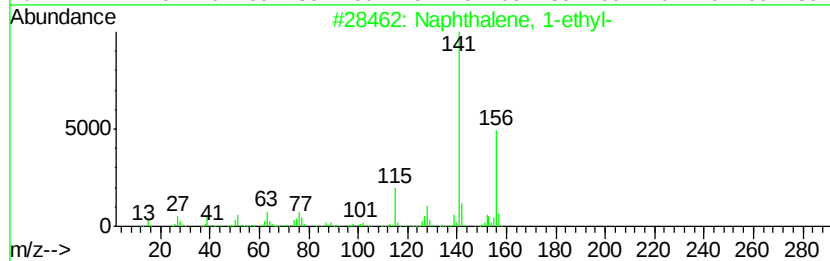
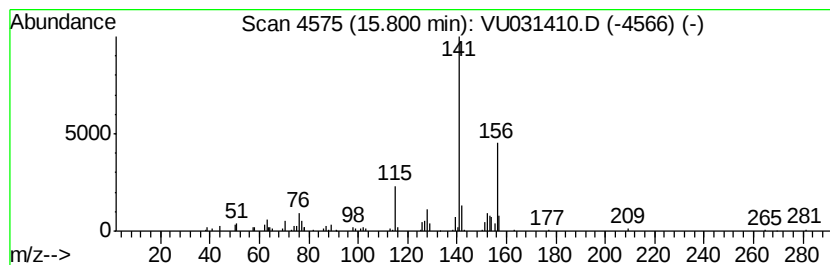
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.25 ug/L	103529	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031410.D
Acq On : 22 Apr 2019 23:39
Operator : JC/SP
Sample : K2477-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X35

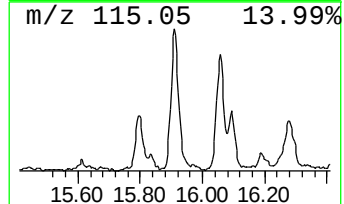
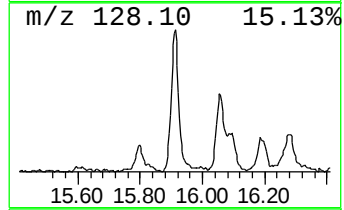
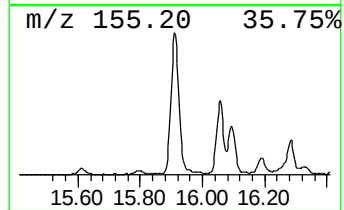
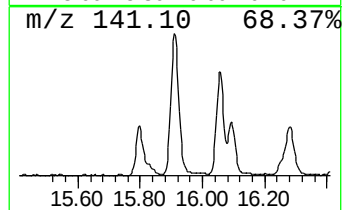
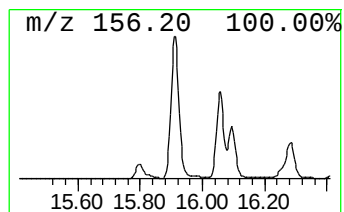
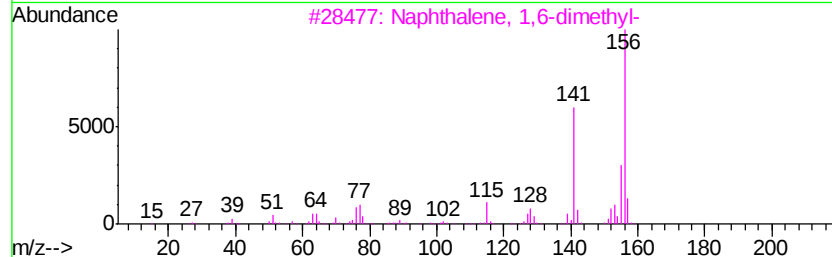
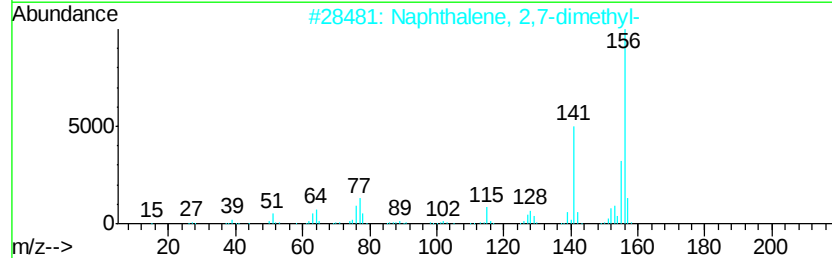
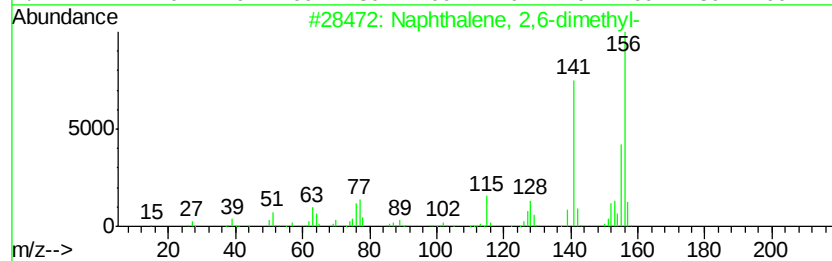
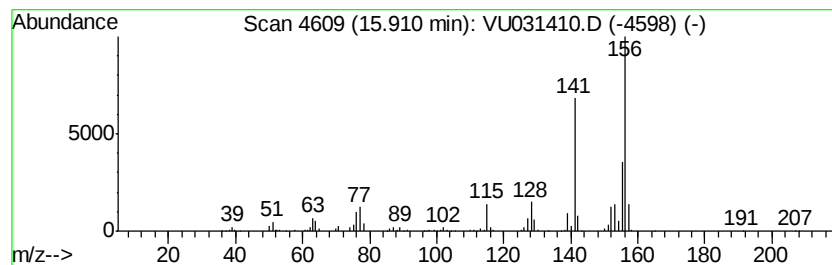
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Quant Title : VOC Analysis

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	20.66 ug/L	657949	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031410.D
Acq On : 22 Apr 2019 23:39
Operator : JC/SP
Sample : K2477-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X35

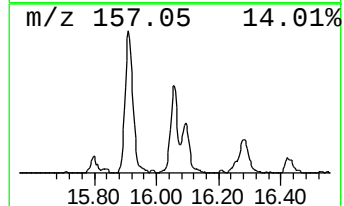
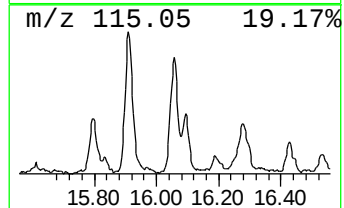
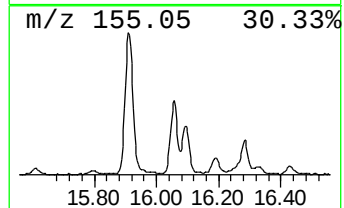
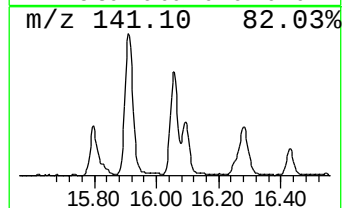
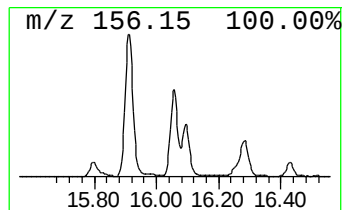
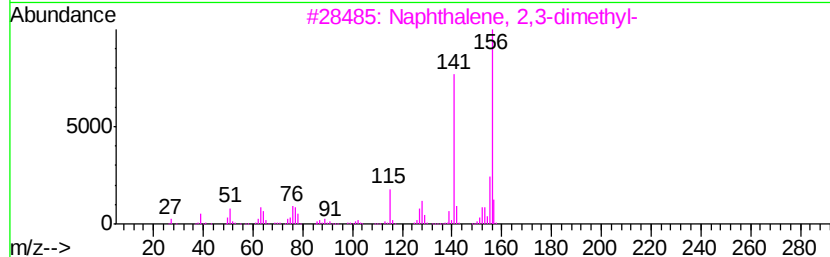
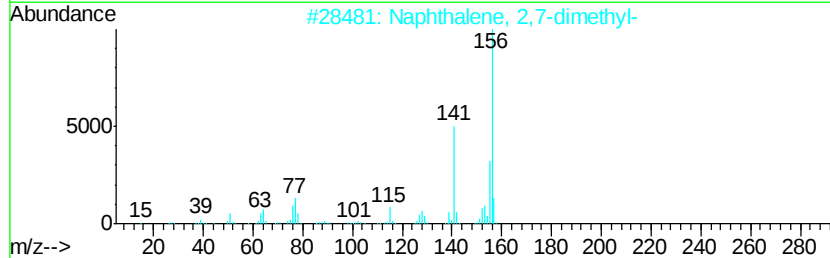
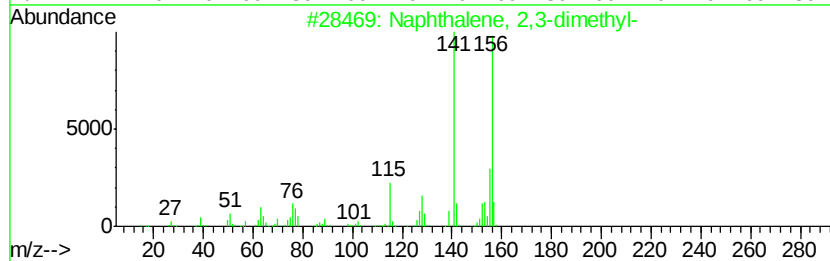
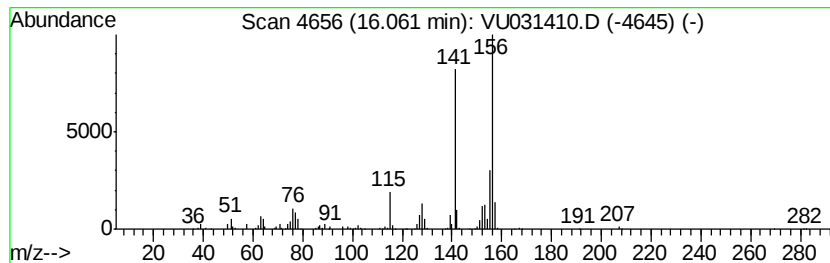
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.67 ug/L	371555	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031410.D
Acq On : 22 Apr 2019 23:39
Operator : JC/SP
Sample : K2477-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X35

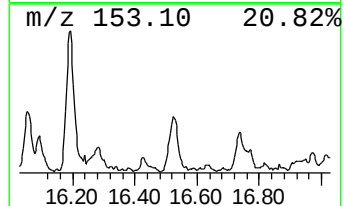
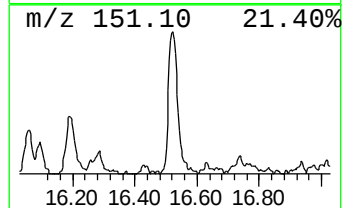
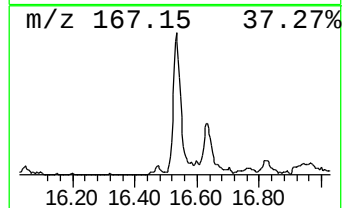
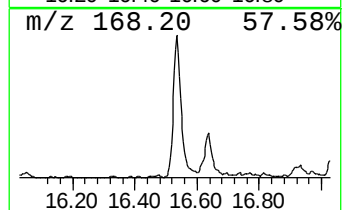
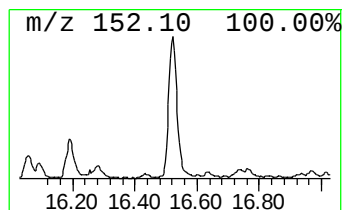
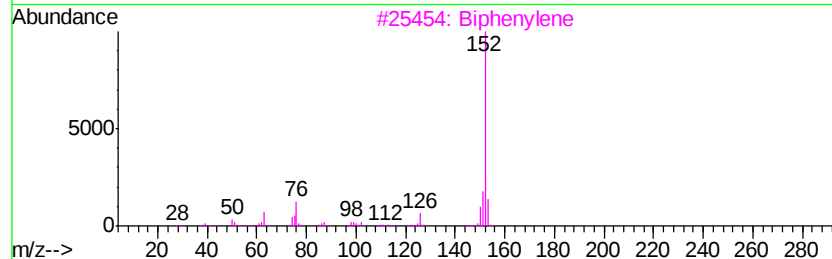
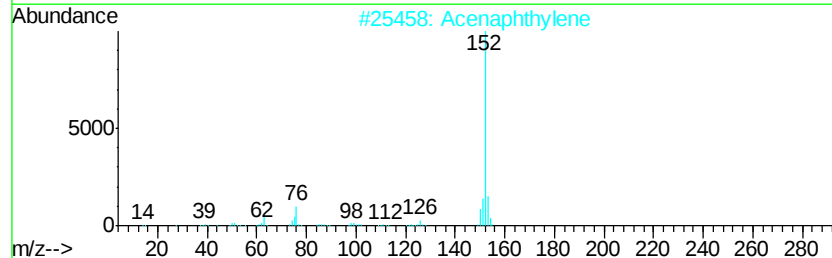
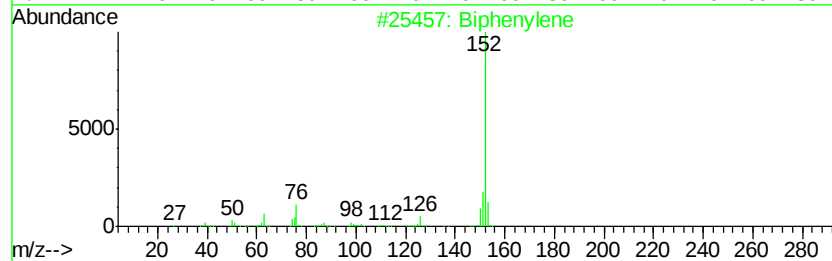
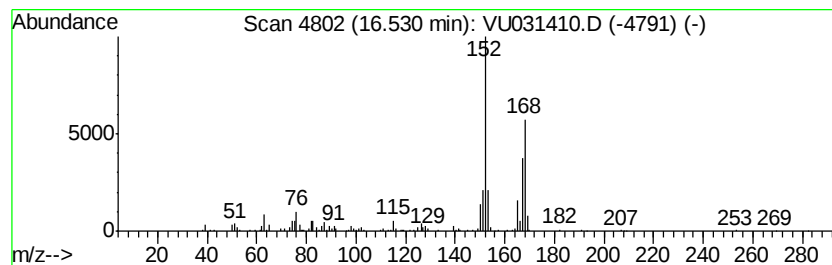
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	7.83 ug/L	249263	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	60
2			Acenaphthylene	152	C12H8	000208-96-8	60
3			Biphenylene	152	C12H8	000259-79-0	55
4			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	47
5			Acenaphthylene	152	C12H8	000208-96-8	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031410.D
Acq On : 22 Apr 2019 23:39
Operator : JC/SP
Sample : K2477-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X35

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
Fluorodichloromet...	1.83	6.5	ug/L	180558	1	5.88	1382650	50.0
Naphthalene, 1-me...	14.87	22.2	ug/L	706066	3	11.48	1592360	50.0
Naphthalene, 1-et...	15.80	3.3	ug/L	103529	3	11.48	1592360	50.0
Naphthalene, 2,6-...	15.91	20.7	ug/L	657949	3	11.48	1592360	50.0
Naphthalene, 2,3-...	16.06	11.7	ug/L	371555	3	11.48	1592360	50.0
Biphenylene	16.53	7.8	ug/L	249263	3	11.48	1592360	50.0