

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031535.D
 Acq On : 26 Apr 2019 16:06
 Operator : JC/SP
 Sample : K2586-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X62

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\SOMULM042719WMA.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	33	rBV2	18436	16380	0.37%	0.041%
2	1.289	58	62	68	rBV2	8990	9738	0.22%	0.025%
3	1.318	69	71	79	rVV6	4228	3996	0.09%	0.010%
4	1.395	87	95	108	rBV	565391	607180	13.69%	1.538%
5	1.678	175	183	201	rBV	428374	553124	12.47%	1.401%
6	1.881	239	246	261	rVB2	59967	88781	2.00%	0.225%
7	2.180	335	339	352	rVB5	13525	21813	0.49%	0.055%
8	2.267	355	366	380	rBV	925154	1409372	31.77%	3.569%
9	2.598	466	469	472	rBV3	1904	1257	0.03%	0.003%
10	2.701	492	501	502	rBV5	3233	4764	0.11%	0.012%
11	2.826	537	540	543	rVV4	1698	1220	0.03%	0.003%
12	2.894	558	561	567	rVB5	2075	1763	0.04%	0.004%
13	3.026	600	602	607	rVB4	1720	1602	0.04%	0.004%
14	3.219	659	662	667	rVB3	1433	1194	0.03%	0.003%
15	3.309	686	690	696	rVB5	1404	1489	0.03%	0.004%
16	3.376	708	711	714	rBV3	1627	1266	0.03%	0.003%
17	3.418	720	724	728	rBV2	1182	1203	0.03%	0.003%
18	3.688	803	808	815	rVB3	1170	1664	0.04%	0.004%
19	3.762	826	831	835	rVB3	1807	1810	0.04%	0.005%
20	3.916	873	879	886	rBV4	1559	1882	0.04%	0.005%
21	3.958	889	892	898	rBV5	1341	1642	0.04%	0.004%
22	4.186	949	963	1006	rBV	350050	1084692	24.45%	2.747%
23	4.440	1039	1042	1051	rVB8	1510	2054	0.05%	0.005%
24	4.643	1086	1105	1126	rBV	615905	1460186	32.91%	3.698%
25	4.887	1176	1181	1184	rVV4	2228	2151	0.05%	0.005%
26	5.051	1226	1232	1238	rBV4	1806	2877	0.06%	0.007%
27	5.128	1253	1256	1260	rVB5	1747	1271	0.03%	0.003%
28	5.334	1293	1320	1362	rBV2	1308473	3914841	88.24%	9.914%
29	5.601	1400	1403	1407	rVB5	1600	1214	0.03%	0.003%
30	5.672	1421	1425	1430	rVB7	1706	1527	0.03%	0.004%
31	5.759	1449	1452	1456	rVB4	1975	1588	0.04%	0.004%
32	5.788	1456	1461	1463	rBV4	1586	1486	0.03%	0.004%
33	5.881	1476	1490	1524	rBV	1040201	2132039	48.06%	5.399%
34	6.180	1568	1583	1615	rBV	2230277	4436392	100.00%	11.235%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Filtering: 5
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 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Title : VOC Analysis

35	6.324	1615	1628	1650	rVB	843588	1712143	38.59%	4.336%
36	6.614	1715	1718	1722	rVV2	1550	1219	0.03%	0.003%
37	6.688	1738	1741	1748	rVB4	3065	3339	0.08%	0.008%
38	6.897	1803	1806	1808	rVV3	1908	1423	0.03%	0.004%
39	6.935	1815	1818	1823	rVB5	1507	1525	0.03%	0.004%
40	6.968	1823	1828	1830	rBV4	1582	1410	0.03%	0.004%
41	7.093	1862	1867	1869	rBV2	2075	1600	0.04%	0.004%
42	7.225	1896	1908	1933	rBV	485984	908792	20.48%	2.301%
43	7.408	1962	1965	1968	rBV4	1928	1802	0.04%	0.005%
44	7.562	1998	2013	2047	rBV	1626801	3084227	69.52%	7.810%
45	7.845	2090	2101	2130	rBV	325389	588767	13.27%	1.491%
46	8.009	2149	2152	2158	rVV7	1861	1807	0.04%	0.005%
47	8.032	2158	2159	2165	rVB5	1883	1273	0.03%	0.003%
48	8.083	2170	2175	2178	rVB6	2555	2171	0.05%	0.005%
49	8.148	2192	2195	2197	rBV2	1992	1094	0.02%	0.003%
50	8.170	2197	2202	2204	rBV4	2488	2322	0.05%	0.006%
51	8.225	2207	2219	2234	rBV	328687	586396	13.22%	1.485%
52	8.308	2234	2245	2281	rVV	1253912	2322180	52.34%	5.881%
53	8.562	2321	2324	2327	rBV4	2787	2129	0.05%	0.005%
54	8.681	2356	2361	2362	rBV2	2133	1434	0.03%	0.004%
55	8.736	2375	2378	2383	rVV5	1615	1367	0.03%	0.003%
56	8.765	2383	2387	2391	rVB6	1914	1858	0.04%	0.005%
57	8.832	2405	2408	2411	rVV5	1608	1318	0.03%	0.003%
58	8.884	2420	2424	2425	rBV3	2332	1582	0.04%	0.004%
59	8.922	2433	2436	2438	rVB4	2057	1382	0.03%	0.003%
60	8.958	2443	2447	2450	rBV6	2554	2305	0.05%	0.006%
61	9.016	2460	2465	2468	rVB4	3034	2289	0.05%	0.006%
62	9.035	2468	2471	2473	rBV3	2369	1554	0.04%	0.004%
63	9.086	2474	2487	2521	rBV	1477991	2577319	58.09%	6.527%
64	9.247	2531	2537	2541	rBV8	3045	3268	0.07%	0.008%
65	9.575	2636	2639	2643	rVB6	2068	1591	0.04%	0.004%
66	9.820	2712	2715	2720	rVB6	3115	3120	0.07%	0.008%
67	9.868	2723	2730	2733	rBV7	1982	2567	0.06%	0.007%
68	10.029	2775	2780	2783	rBV6	2457	2139	0.05%	0.005%
69	10.205	2829	2835	2838	rBV6	3118	3518	0.08%	0.009%
70	10.231	2841	2843	2847	rVB4	2313	1548	0.03%	0.004%
71	10.318	2867	2870	2876	rVB8	3691	3348	0.08%	0.008%

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 Title : VOC Analysis

72	10.427	2892	2904	2920	rBV	1114302	1794727	40.45%	4.545%
73	10.569	2946	2948	2950	rBV3	1954	1111	0.03%	0.003%
74	10.810	3018	3023	3026	rBV7	6086	7145	0.16%	0.018%
75	11.260	3161	3163	3165	rBV3	2406	1195	0.03%	0.003%
76	11.308	3176	3178	3182	rBV4	2361	1747	0.04%	0.004%
77	11.379	3197	3200	3202	rBV4	2227	1125	0.03%	0.003%
78	11.479	3219	3231	3251	rBV	1412068	2311854	52.11%	5.855%
79	11.858	3336	3349	3369	rBV	1486754	2493980	56.22%	6.316%
80	13.125	3737	3743	3753	rBV3	32028	47019	1.06%	0.119%
81	14.138	4052	4058	4073	rBV3	44913	80909	1.82%	0.205%
82	14.890	4282	4292	4301	rBV3	52170	105193	2.37%	0.266%
83	15.064	4338	4346	4363	rBV3	86394	198625	4.48%	0.503%
84	15.610	4510	4516	4527	rVB3	52461	76822	1.73%	0.195%
85	15.800	4568	4575	4582	rBV2	49204	74792	1.69%	0.189%
86	15.913	4599	4610	4622	rBV	376804	679293	15.31%	1.720%
87	16.057	4646	4655	4662	rBV	293490	479281	10.80%	1.214%
88	16.096	4662	4667	4685	rVB2	197299	332851	7.50%	0.843%
89	16.282	4711	4725	4737	rBV2	132946	287599	6.48%	0.728%
90	16.430	4764	4771	4782	rBV3	59397	99016	2.23%	0.251%
91	16.530	4792	4802	4816	rBV4	233756	413624	9.32%	1.047%
92	16.630	4827	4833	4846	rVB3	120206	191476	4.32%	0.485%
93	16.765	4870	4875	4884	rVB	119919	166490	3.75%	0.422%
94	16.816	4885	4891	4900	rVB5	122214	182487	4.11%	0.462%
95	16.970	4933	4939	4946	rVV	108634	147097	3.32%	0.373%
96	17.035	4946	4959	4977	rVB2	274827	734130	16.55%	1.859%
97	17.166	4992	5000	5008	rBV3	154705	247573	5.58%	0.627%
98	17.224	5011	5018	5028	rVV2	209626	328619	7.41%	0.832%
99	17.363	5056	5061	5070	rVB5	85780	114591	2.58%	0.290%
100	17.530	5104	5113	5126	rBV6	124263	273485	6.16%	0.693%

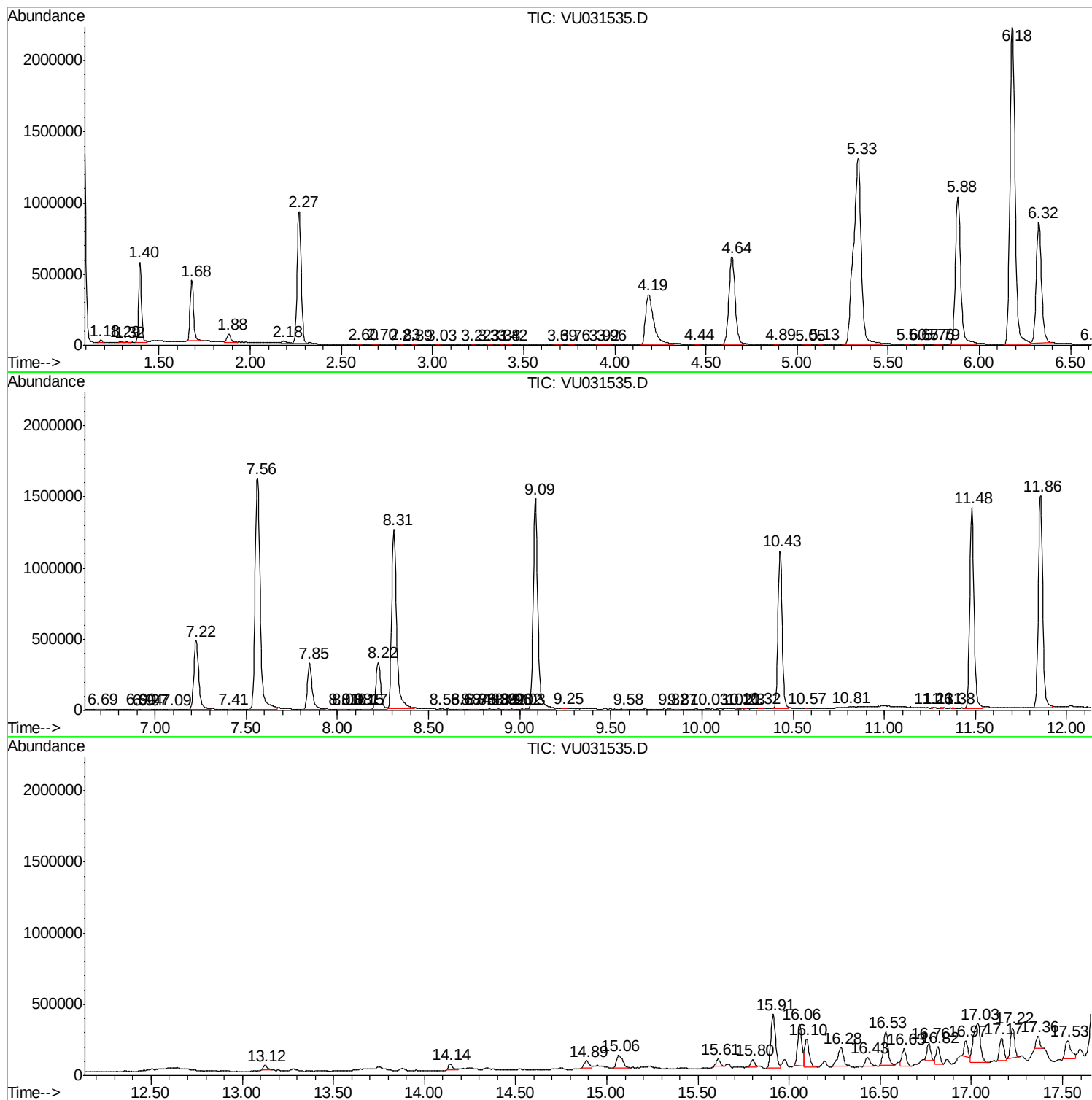
Sum of corrected areas: 39488440

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampled :
C0X62

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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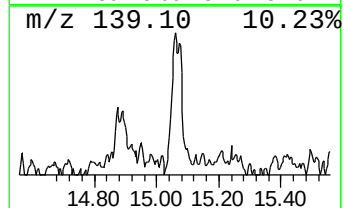
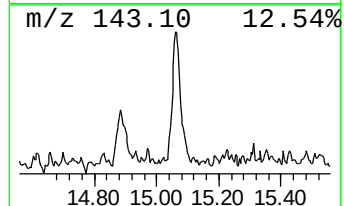
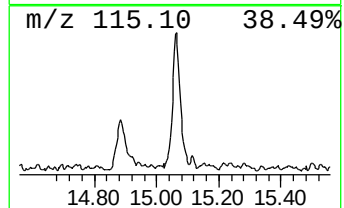
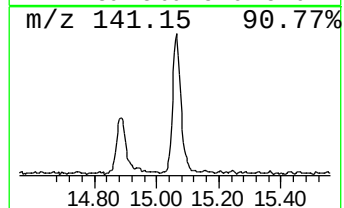
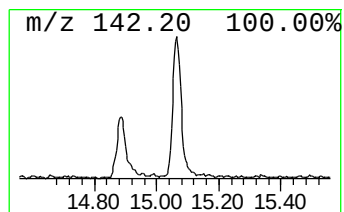
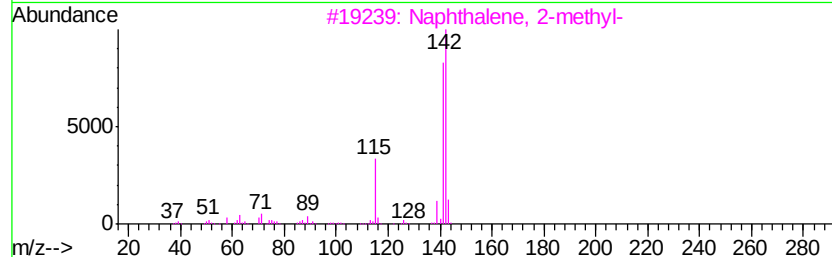
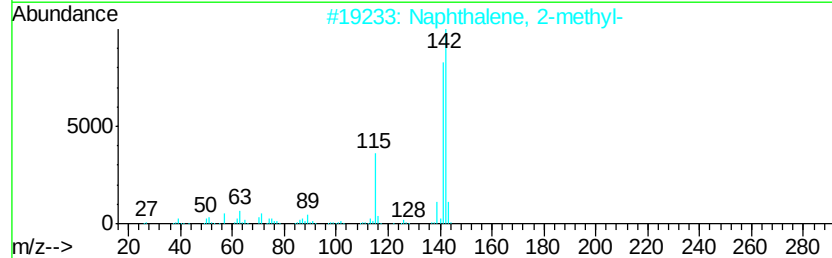
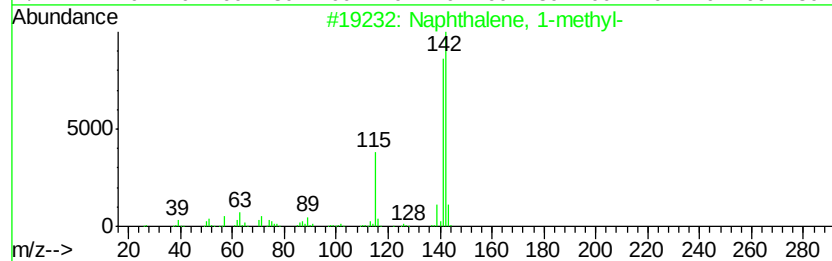
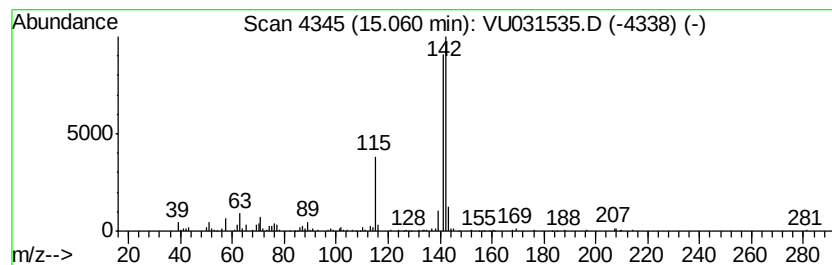
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.30 ug/L	198625	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	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		Benzocycloheptatriene	142	C11H10	000264-09-5	90



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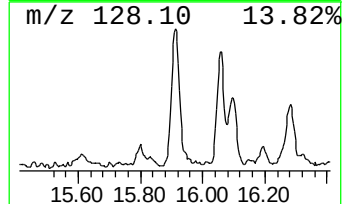
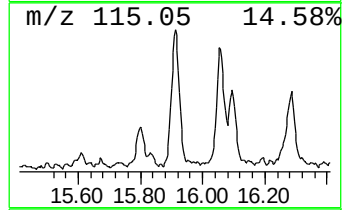
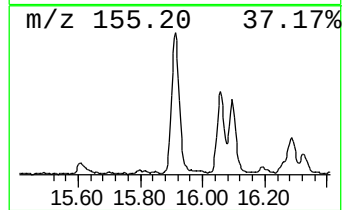
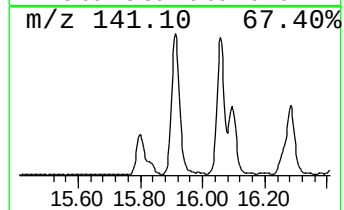
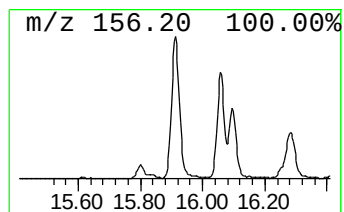
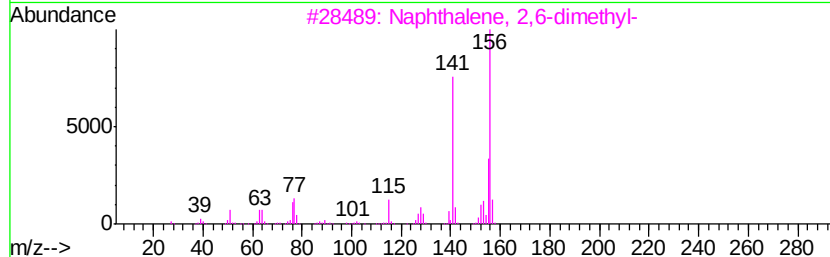
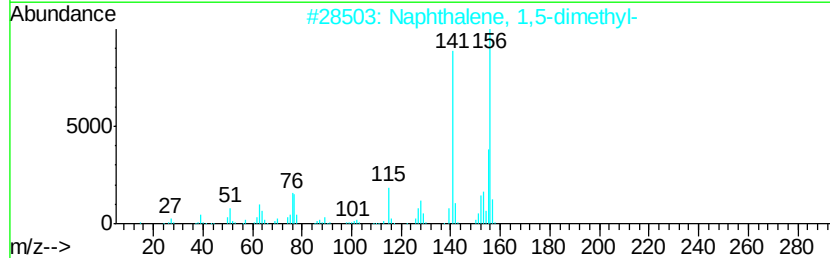
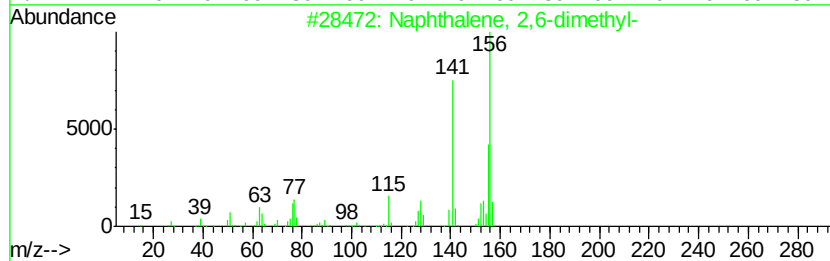
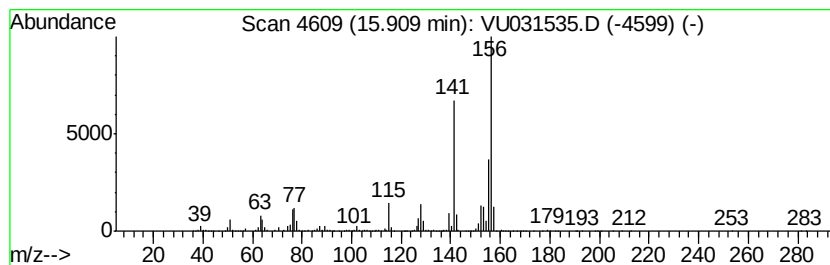
Instrument :
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	14.69 ug/L	679293	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



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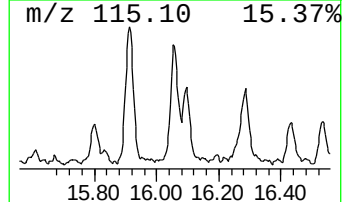
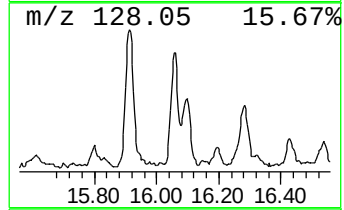
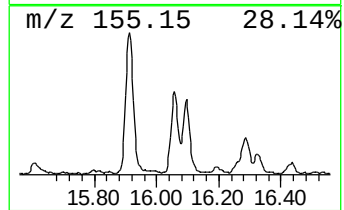
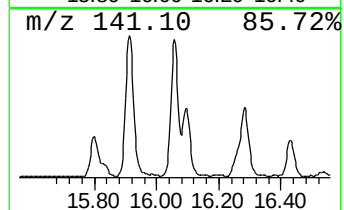
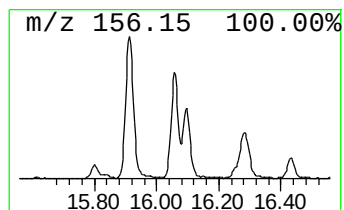
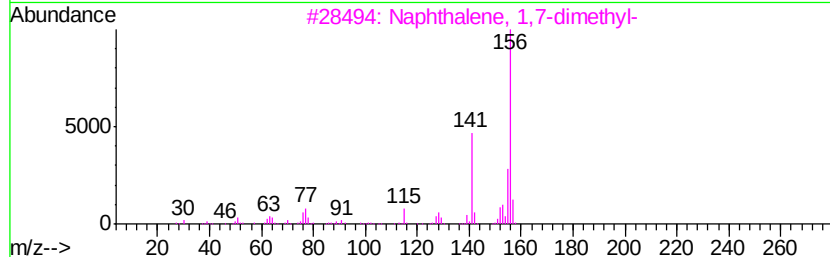
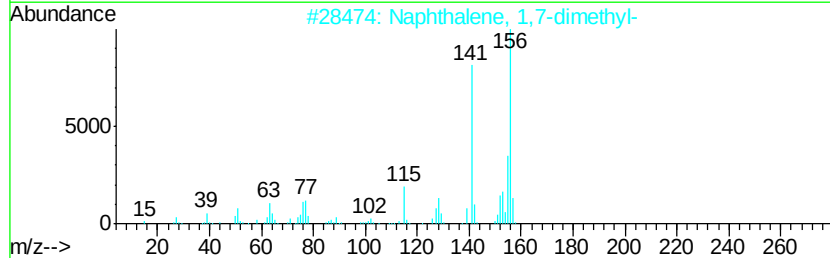
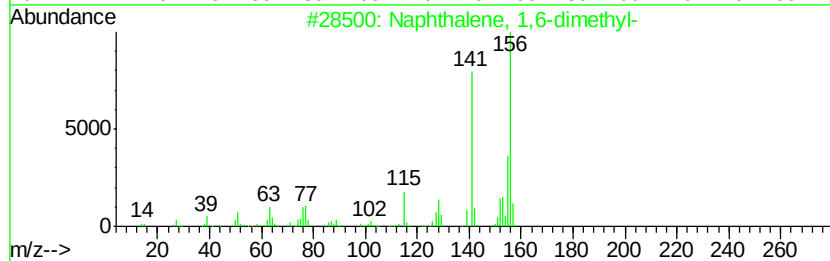
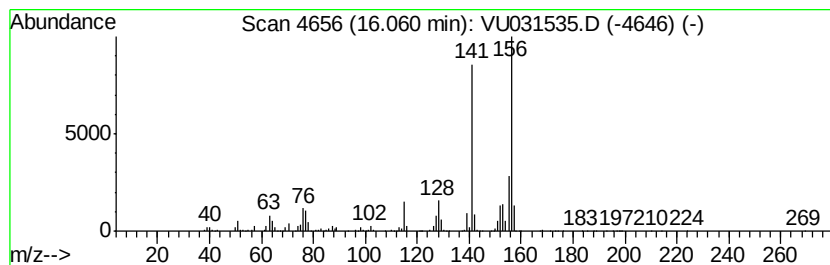
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	10.37 ug/L	479281	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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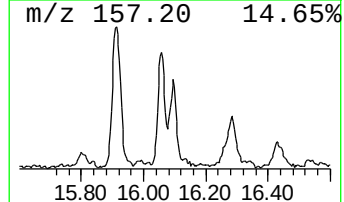
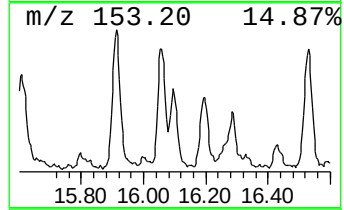
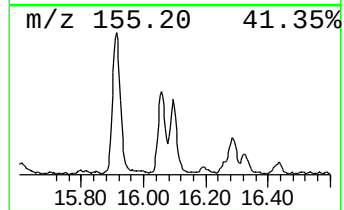
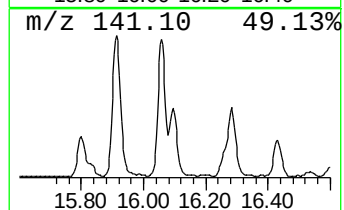
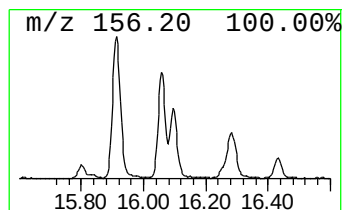
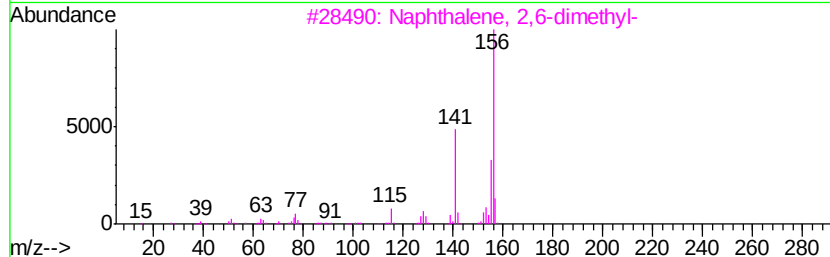
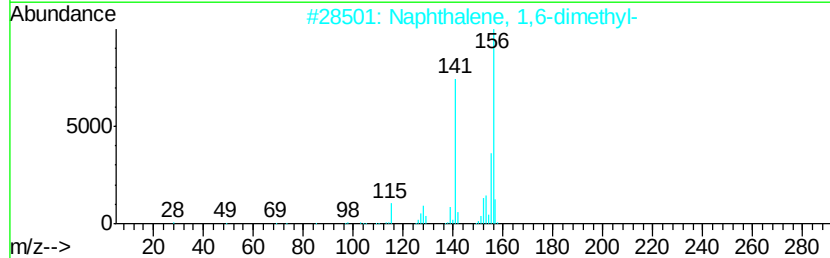
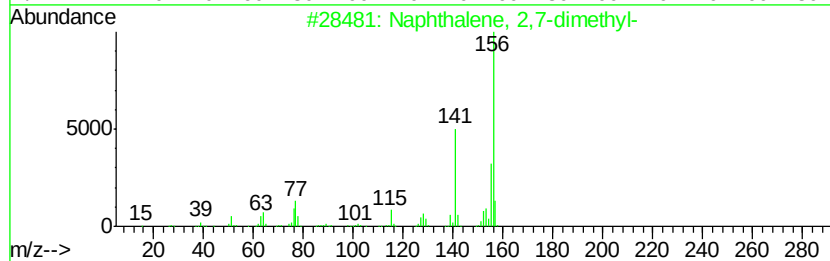
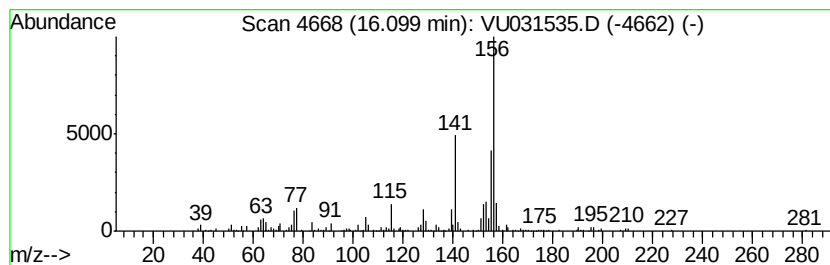
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	7.20 ug/L	332851	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

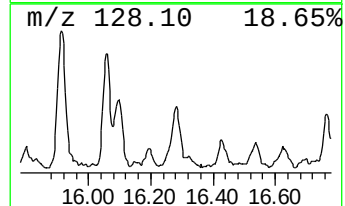
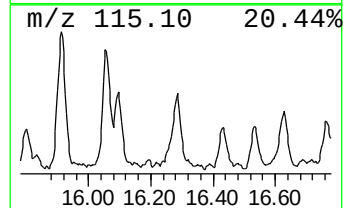
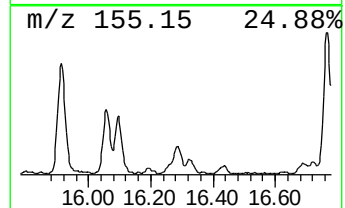
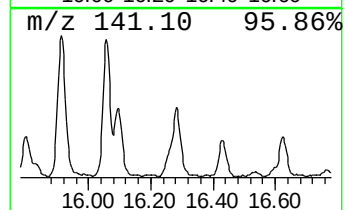
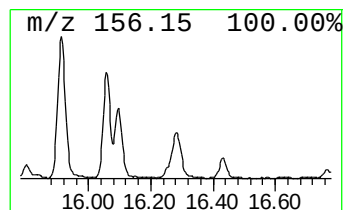
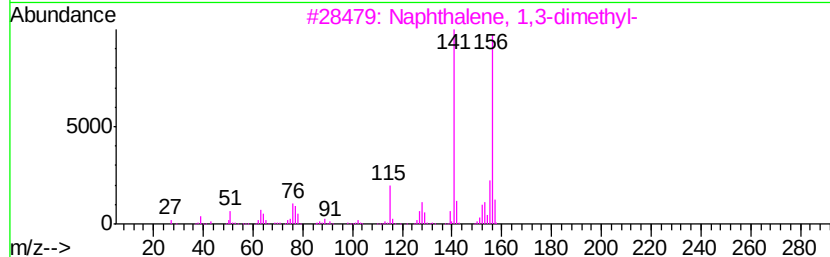
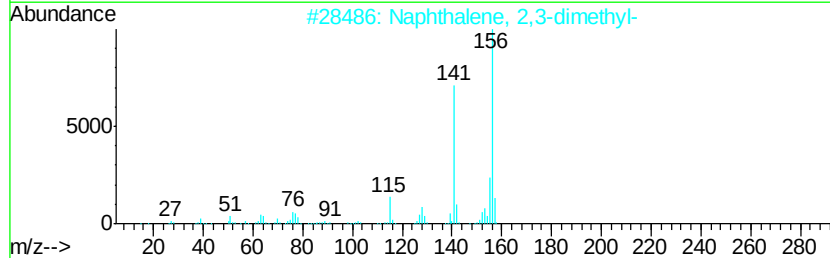
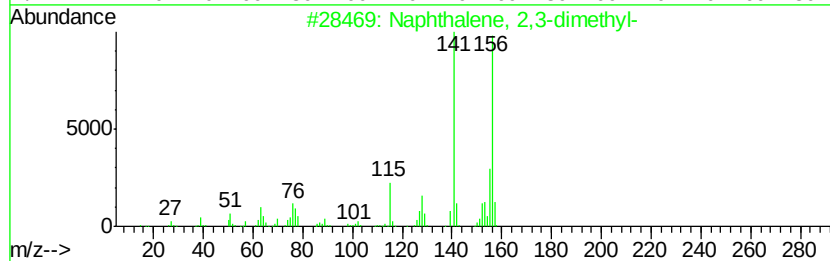
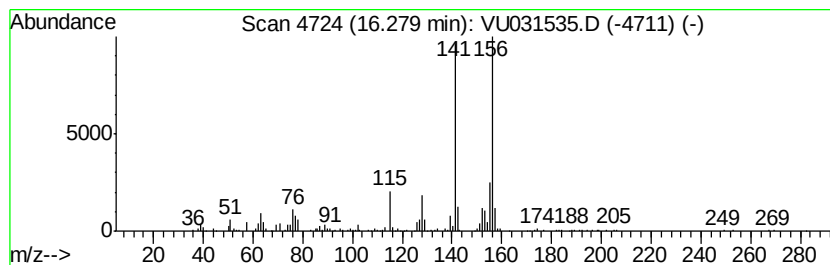
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.28	6.22 ug/L	287599	1,4-Dichlorobenzene-d4	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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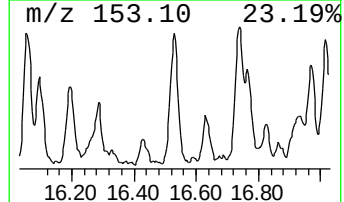
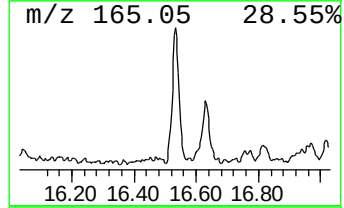
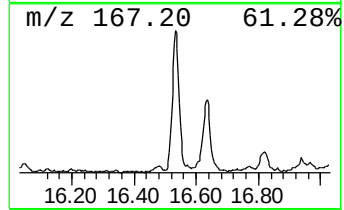
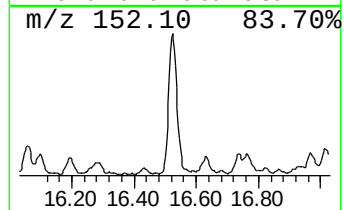
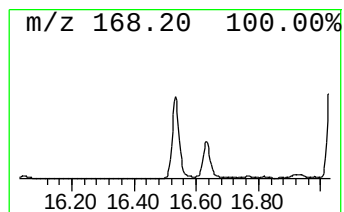
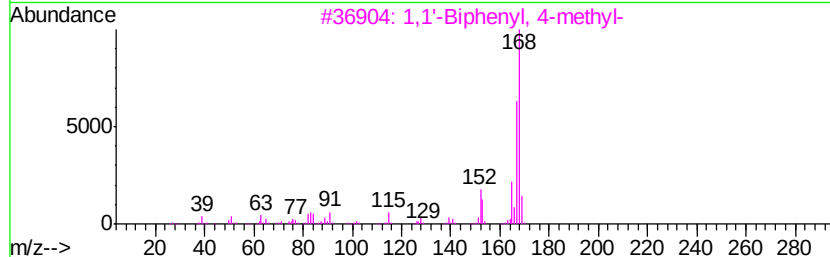
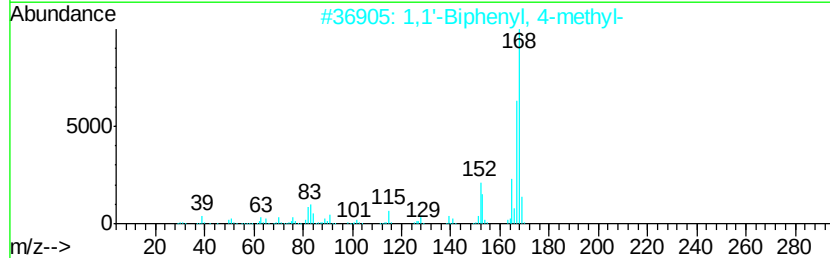
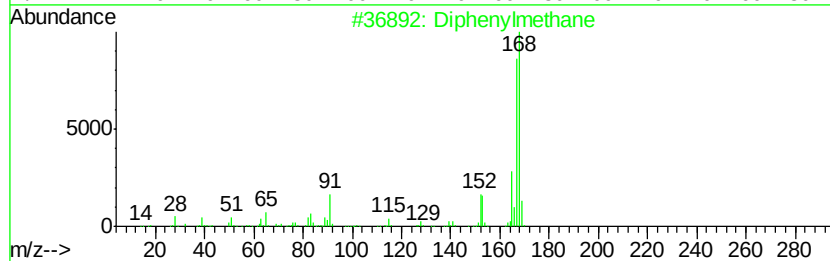
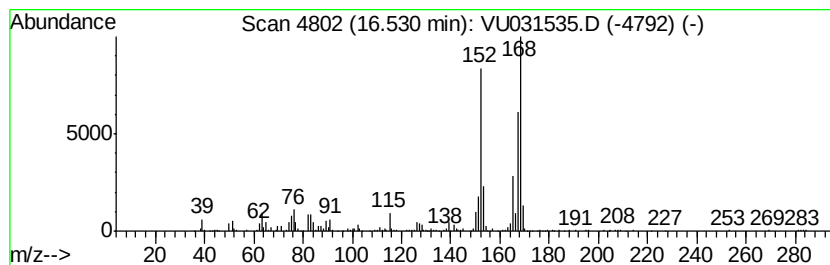
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Quant Title : VOC Analysis

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

Peak Number 7 Diphenylmethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	8.95 ug/L	413624	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	55
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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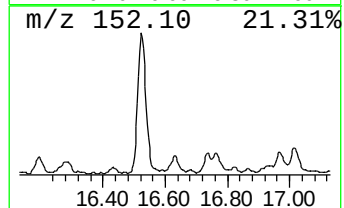
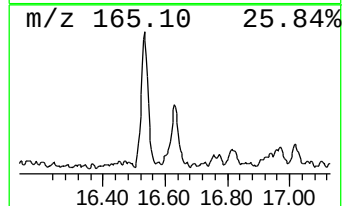
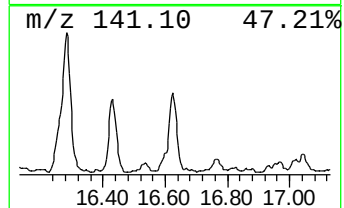
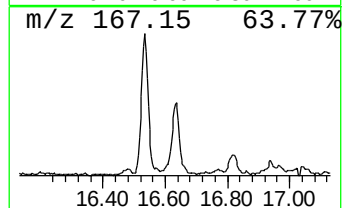
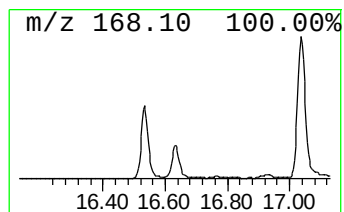
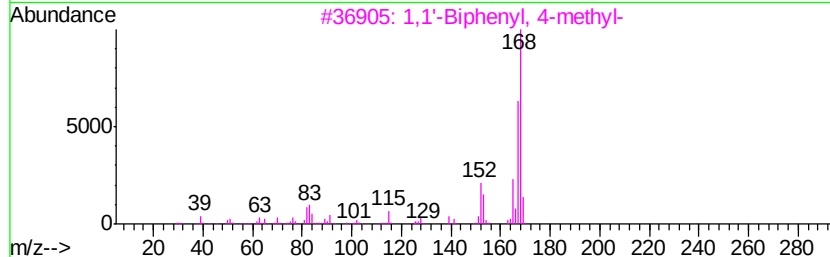
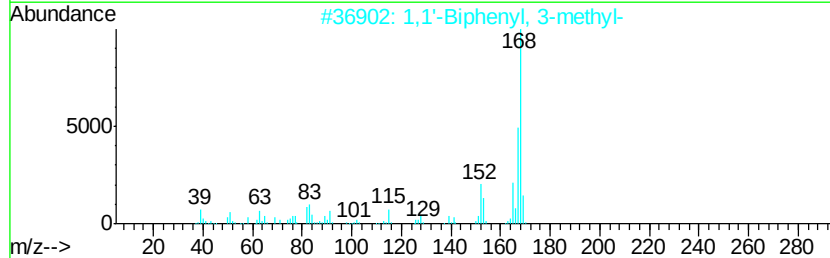
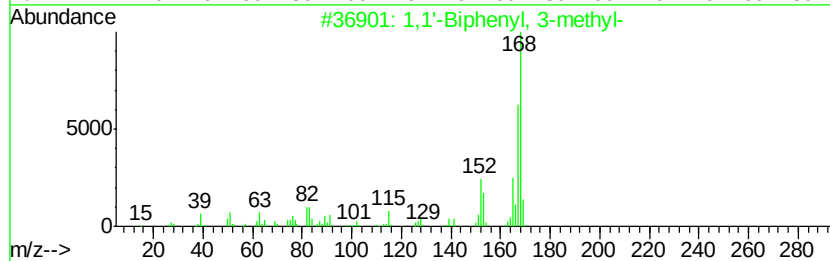
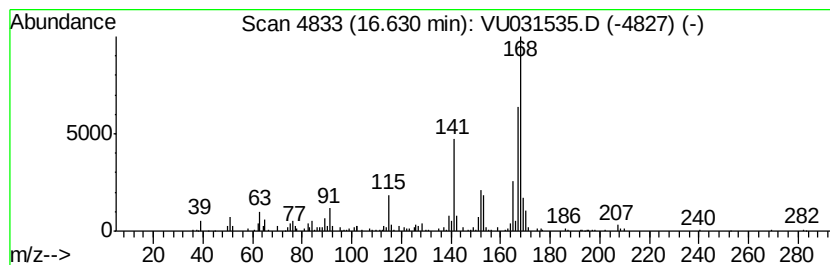
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Quant Title : VOC Analysis

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

Peak Number 8 1,1'-Biphenyl, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	4.14 ug/L	191476	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	86
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
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Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

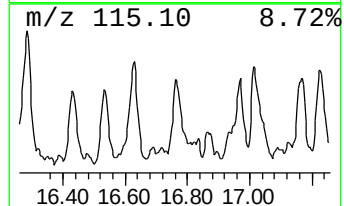
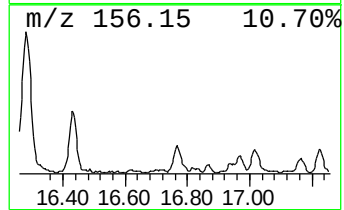
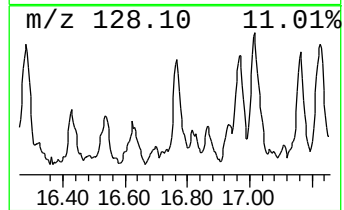
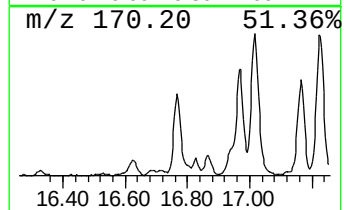
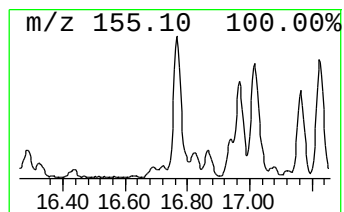
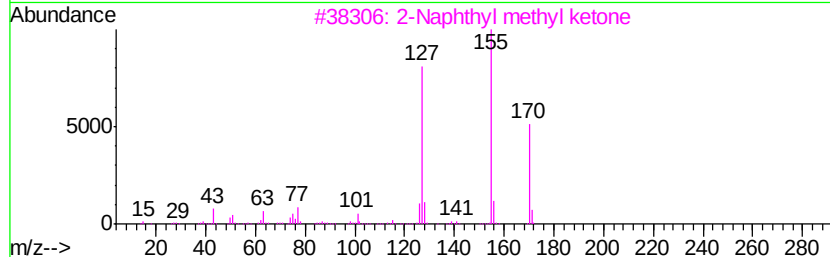
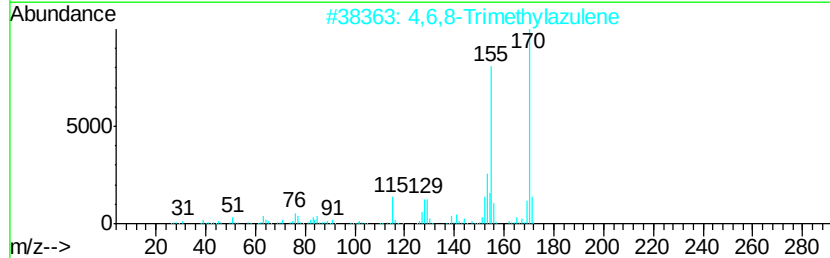
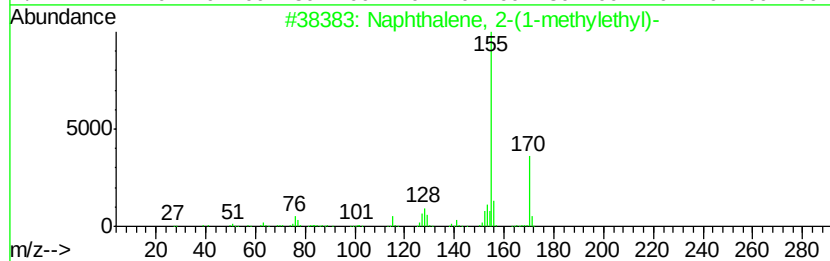
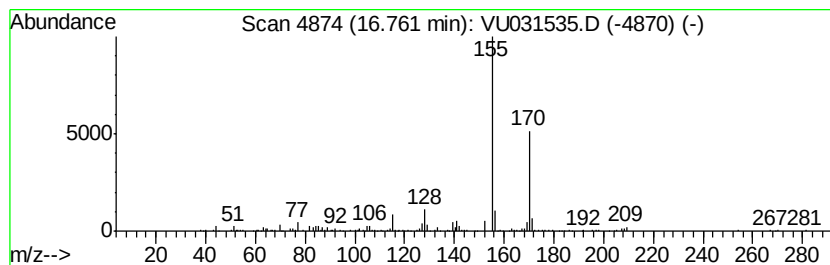
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.76	3.60 ug/L	166490	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	86
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	80
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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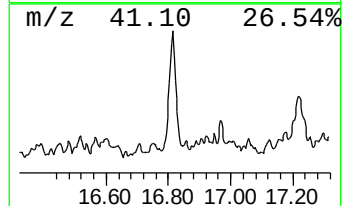
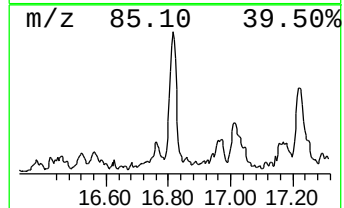
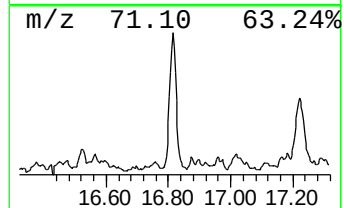
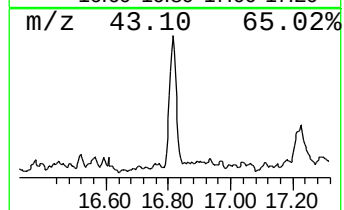
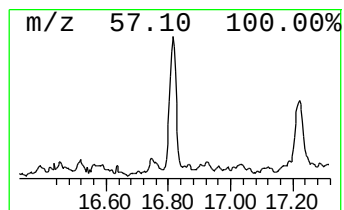
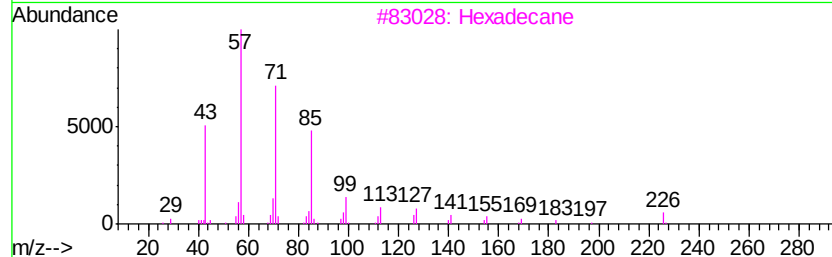
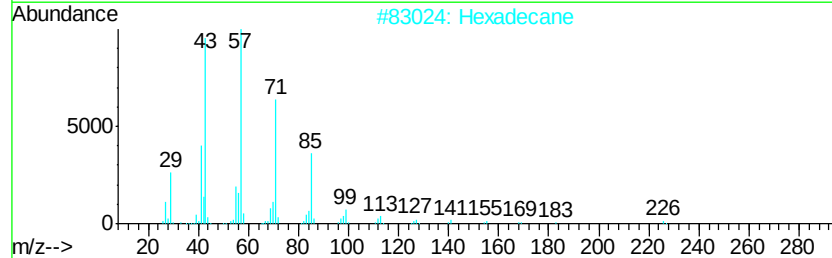
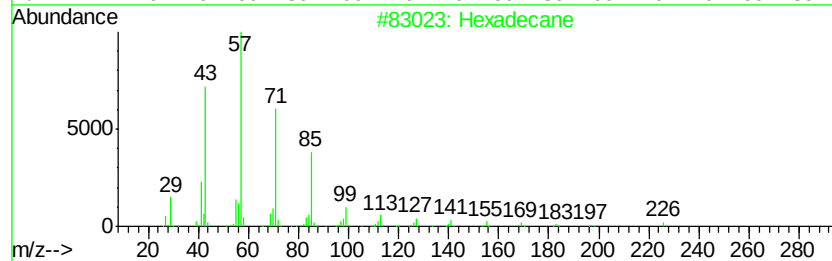
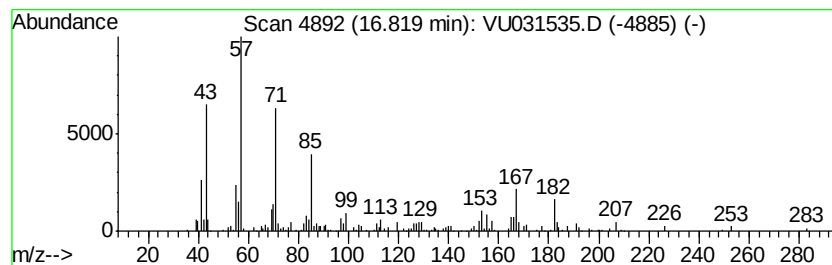
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.95 ug/L	182487	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Hexadecane	226	C16H34	000544-76-3	70
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

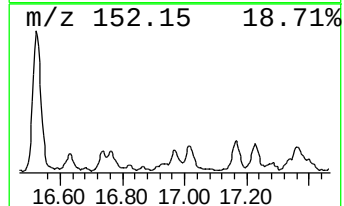
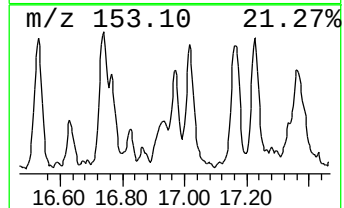
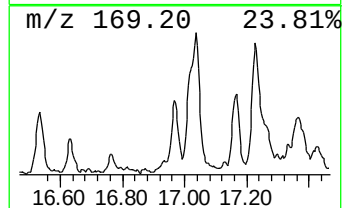
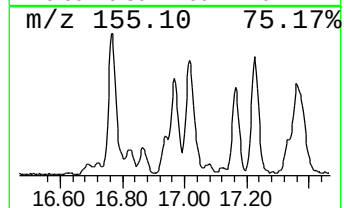
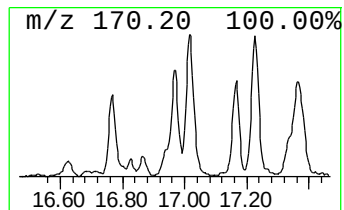
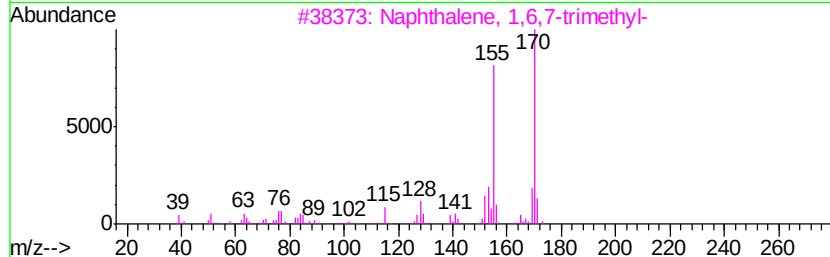
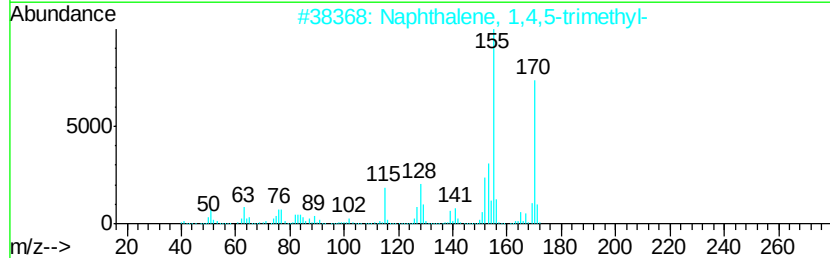
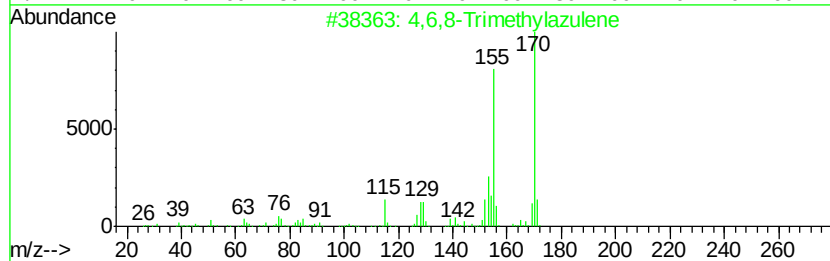
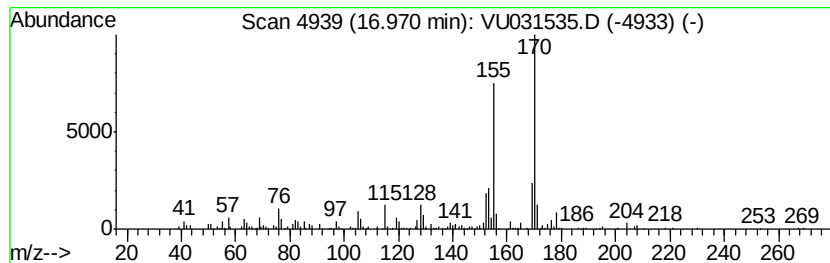
Instrument :
MSVOA_U
ClientSampleId :
C0X62

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 4,6,8-Trimethylazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.18 ug/L	147097	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,6,8-Trimethylazulene	170 C13H14	000941-81-1	91
2	Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1	91
3	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	90
4	Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5	90
5	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X62

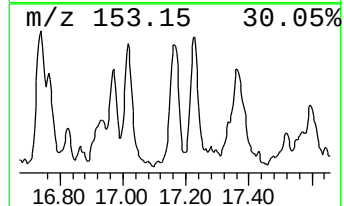
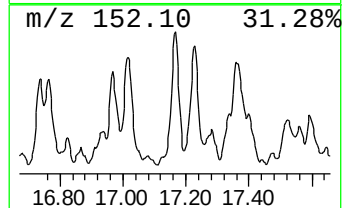
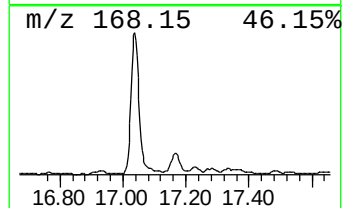
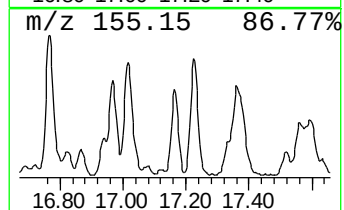
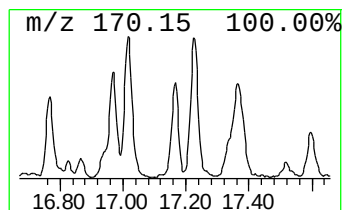
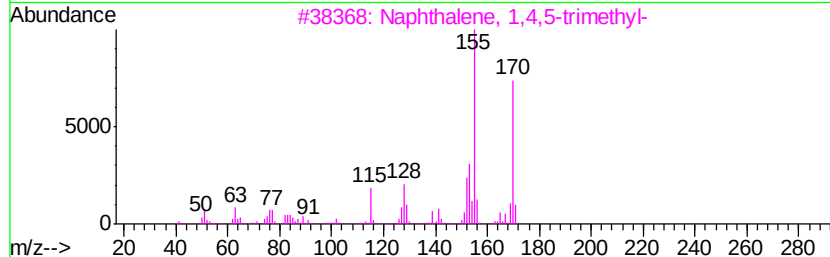
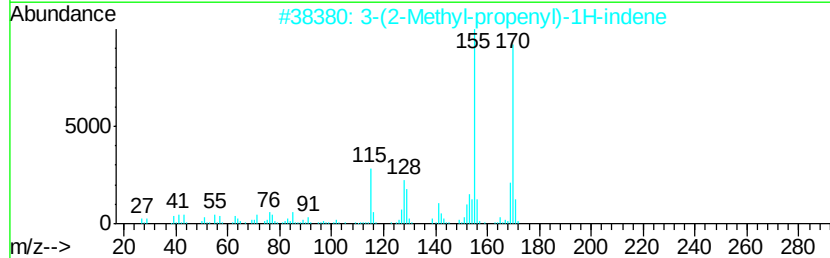
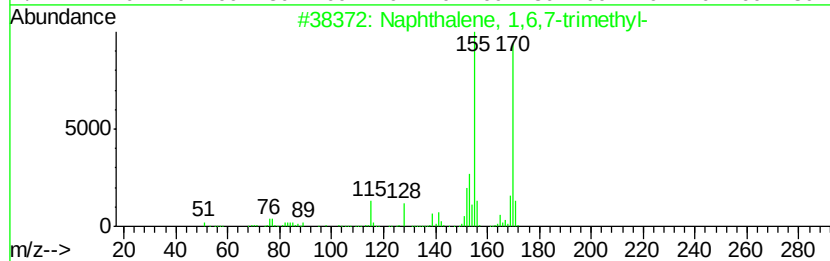
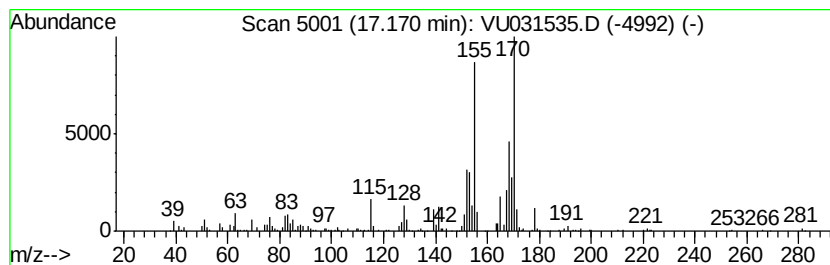
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	5.35 ug/L	247573	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X62

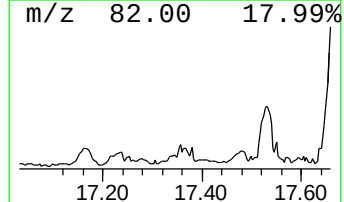
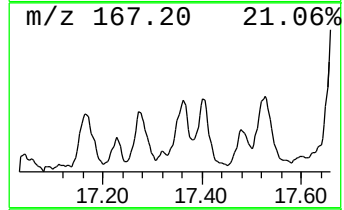
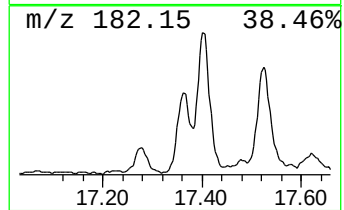
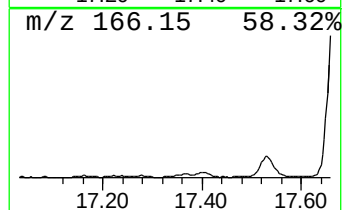
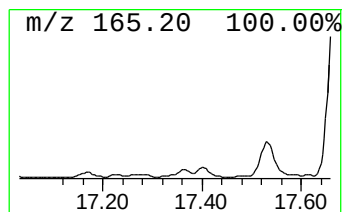
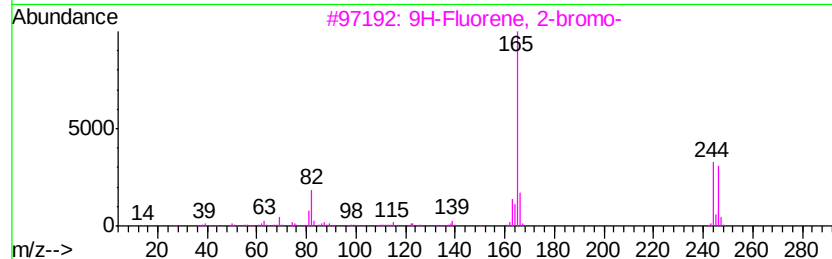
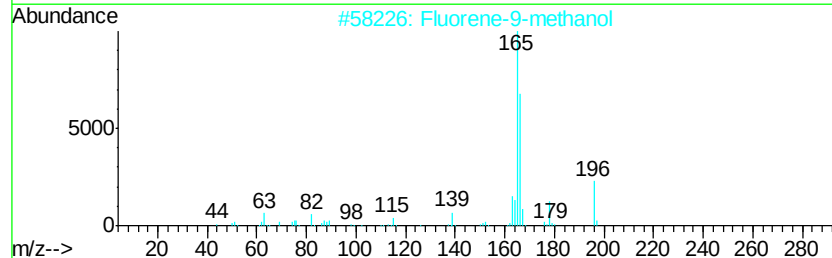
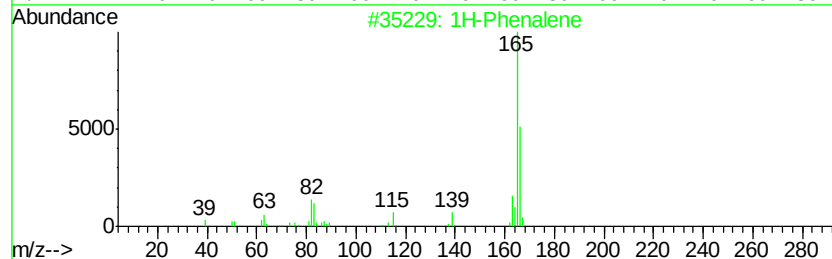
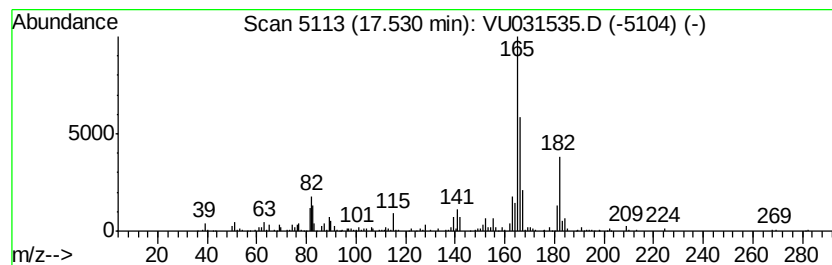
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 1H-Phenalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	5.91 ug/L	273485	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Phenalene	166	C13H10	000203-80-5	49
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	47
3		9H-Fluorene, 2-bromo-	244	C13H9Br	001133-80-8	43
4		Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	38
5		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X62

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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
Naphthalene, 1-me...	15.06	4.3	ug/L	198625	3	11.48	2311850	50.0
Naphthalene, 2,6-...	15.91	14.7	ug/L	679293	3	11.48	2311850	50.0
Naphthalene, 1,6-...	16.06	10.4	ug/L	479281	3	11.48	2311850	50.0
Naphthalene, 2,7-...	16.10	7.2	ug/L	332851	3	11.48	2311850	50.0
Naphthalene, 2,3-...	16.28	6.2	ug/L	287599	3	11.48	2311850	50.0
Diphenylmethane	16.53	8.9	ug/L	413624	3	11.48	2311850	50.0
1,1'-Biphenyl, 3-...	16.63	4.1	ug/L	191476	3	11.48	2311850	50.0
Naphthalene, 2-(1...	16.76	3.6	ug/L	166490	3	11.48	2311850	50.0
(DEL) Alkane: Str...	16.82	4.0	ug/L	182487	3	11.48	2311850	50.0
4,6,8-Trimethylaz...	16.97	3.2	ug/L	147097	3	11.48	2311850	50.0
Naphthalene, 1,6,...	17.17	5.3	ug/L	247573	3	11.48	2311850	50.0
1H-Phenalene	17.53	5.9	ug/L	273485	3	11.48	2311850	50.0