

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031661.D
 Acq On : 01 May 2019 02:35
 Operator : JC/SP
 Sample : K2604-14
 Misc : 5.00µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ88

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	24	28	39	rVB3	14429	16374	0.47%	0.053%
2	1.396	87	95	116	rBV	324197	504854	14.35%	1.648%
3	1.650	167	174	176	rBV	41260	51638	1.47%	0.169%
4	1.679	177	183	195	rVV	191755	353160	10.04%	1.153%
5	2.241	347	358	387	rVB	694021	1189932	33.83%	3.883%
6	2.505	437	440	444	rBV5	1202	910	0.03%	0.003%
7	2.695	489	499	511	rVB7	11610	25375	0.72%	0.083%
8	2.759	516	519	521	rVB2	1445	770	0.02%	0.003%
9	2.794	528	530	535	rBV4	869	723	0.02%	0.002%
10	2.859	548	550	554	rVB2	1395	933	0.03%	0.003%
11	2.878	554	556	560	rBV4	947	673	0.02%	0.002%
12	2.920	566	569	573	rVB4	1386	1003	0.03%	0.003%
13	2.939	573	575	576	rBV2	1680	740	0.02%	0.002%
14	2.997	589	593	598	rVB7	1081	986	0.03%	0.003%
15	3.071	614	616	622	rVB4	1698	1363	0.04%	0.004%
16	3.138	627	637	641	rBV2	1954	3000	0.09%	0.010%
17	3.180	646	650	652	rBV3	1425	967	0.03%	0.003%
18	3.209	652	659	660	rBV3	2296	1995	0.06%	0.007%
19	3.244	667	670	672	rVB3	1487	840	0.02%	0.003%
20	3.261	672	675	676	rBV2	2146	1066	0.03%	0.003%
21	3.318	689	693	699	rVB5	1326	1482	0.04%	0.005%
22	3.347	699	702	707	rVB5	1294	1345	0.04%	0.004%
23	3.383	707	713	718	rBV6	2830	3415	0.10%	0.011%
24	3.495	746	748	752	rVB2	1661	963	0.03%	0.003%
25	3.608	779	783	786	rVB2	1028	869	0.02%	0.003%
26	3.643	791	794	798	rVV5	1804	1413	0.04%	0.005%
27	3.675	801	804	807	rVB2	1073	777	0.02%	0.003%
28	3.775	828	835	837	rVV4	857	923	0.03%	0.003%
29	3.836	851	854	857	rBV3	1624	999	0.03%	0.003%
30	3.878	864	867	870	rBV4	1445	1185	0.03%	0.004%
31	3.926	876	882	884	rBV4	1443	1421	0.04%	0.005%
32	4.026	908	913	914	rBV3	1361	978	0.03%	0.003%
33	4.048	917	920	922	rBV2	1165	684	0.02%	0.002%
34	4.103	935	937	940	rBV2	1334	894	0.03%	0.003%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031661.D
 Acq On : 01 May 2019 02:35
 Operator : JC/SP
 Sample : K2604-14
 Misc : 5.00µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ88

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

35	4.212	957	971	1017	rBV	156344	878799	24.98%	2.868%
36	4.643	1088	1105	1141	rVB	475827	1327018	37.72%	4.331%
37	4.868	1171	1175	1178	rBV3	2313	1858	0.05%	0.006%
38	4.971	1200	1207	1208	rBV6	1891	1869	0.05%	0.006%
39	5.051	1228	1232	1234	rBV4	1584	1130	0.03%	0.004%
40	5.090	1240	1244	1246	rBV4	1479	1211	0.03%	0.004%
41	5.132	1255	1257	1261	rBV	1494	1100	0.03%	0.004%
42	5.196	1274	1277	1280	rVB4	1233	765	0.02%	0.002%
43	5.219	1280	1284	1288	rVB3	1259	972	0.03%	0.003%
44	5.328	1295	1318	1350	rBV2	1191018	3517786	100.00%	11.481%
45	5.627	1397	1411	1412	rBV7	5781	10847	0.31%	0.035%
46	5.739	1440	1446	1449	rBV5	1681	2312	0.07%	0.008%
47	5.768	1453	1455	1462	rVB7	2427	2495	0.07%	0.008%
48	5.813	1462	1469	1472	rVB5	1933	2189	0.06%	0.007%
49	5.881	1472	1490	1523	rBV	1002456	2456404	69.83%	8.017%
50	6.067	1546	1548	1554	rVB4	2771	2661	0.08%	0.009%
51	6.180	1570	1583	1600	rBV9	21074	55270	1.57%	0.180%
52	6.328	1614	1629	1659	rBV	672009	1600988	45.51%	5.225%
53	6.550	1695	1698	1702	rVB4	2175	1385	0.04%	0.005%
54	6.608	1713	1716	1719	rBV3	947	652	0.02%	0.002%
55	6.637	1723	1725	1730	rVB2	1252	827	0.02%	0.003%
56	6.672	1733	1736	1740	rBV2	1445	1204	0.03%	0.004%
57	6.727	1749	1753	1756	rBV3	1124	965	0.03%	0.003%
58	6.762	1759	1764	1769	rVB3	1701	1864	0.05%	0.006%
59	6.833	1781	1786	1789	rBV3	2245	1667	0.05%	0.005%
60	6.871	1792	1798	1802	rBV4	3436	4230	0.12%	0.014%
61	7.026	1843	1846	1850	rVB3	1645	1051	0.03%	0.003%
62	7.090	1863	1866	1873	rBV5	1223	1322	0.04%	0.004%
63	7.154	1883	1886	1888	rBV3	1221	876	0.02%	0.003%
64	7.228	1893	1909	1939	rBV	326493	770132	21.89%	2.513%
65	7.383	1955	1957	1960	rBV5	1002	701	0.02%	0.002%
66	7.563	1999	2013	2043	rBV	1257128	2646364	75.23%	8.637%
67	7.810	2088	2090	2092	rBV3	1345	818	0.02%	0.003%
68	7.855	2092	2104	2133	rVV2	198384	506613	14.40%	1.653%
69	8.022	2153	2156	2157	rBV2	2059	1243	0.04%	0.004%
70	8.093	2176	2178	2180	rVB3	1875	891	0.03%	0.003%
71	8.132	2188	2190	2194	rVB5	1867	980	0.03%	0.003%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031661.D
 Acq On : 01 May 2019 02:35
 Operator : JC/SP
 Sample : K2604-14
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ88

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

72	8.161	2194	2199	2204	rBV8	1622	2510	0.07%	0.008%
73	8.222	2213	2218	2220	rBV3	3706	3446	0.10%	0.011%
74	8.264	2228	2231	2234	rVB2	1445	945	0.03%	0.003%
75	8.344	2240	2256	2293	rBV	743501	2098702	59.66%	6.849%
76	8.608	2335	2338	2341	rBV4	1911	1647	0.05%	0.005%
77	8.723	2371	2374	2377	rBV4	1741	1537	0.04%	0.005%
78	8.826	2402	2406	2408	rBV3	1370	1184	0.03%	0.004%
79	8.977	2450	2453	2462	rBV10	1717	1940	0.06%	0.006%
80	9.093	2475	2489	2515	rBV	1436423	2962657	84.22%	9.669%
81	9.254	2532	2539	2551	rVB2	22932	41501	1.18%	0.135%
82	9.469	2603	2606	2607	rBV3	1681	988	0.03%	0.003%
83	9.540	2626	2628	2631	rBV3	1302	937	0.03%	0.003%
84	9.653	2661	2663	2666	rBV3	1189	797	0.02%	0.003%
85	9.720	2680	2684	2689	rBV8	1683	2059	0.06%	0.007%
86	9.788	2696	2705	2711	rBV3	10802	19427	0.55%	0.063%
87	10.173	2817	2825	2828	rBV8	2872	4011	0.11%	0.013%
88	10.231	2841	2843	2846	rBV4	1932	1387	0.04%	0.005%
89	10.360	2880	2883	2888	rVB4	2840	2057	0.06%	0.007%
90	10.437	2895	2907	2927	rBV	918314	1547493	43.99%	5.050%
91	11.485	3221	3233	3253	rBV	1554287	2488974	70.75%	8.123%
92	11.861	3339	3350	3371	rBV	1238128	2052139	58.34%	6.697%
93	11.987	3382	3389	3398	rVB4	26677	42381	1.20%	0.138%
94	13.742	3925	3935	3964	rBV	372206	707661	20.12%	2.310%
95	14.877	4278	4288	4312	rBV	320487	640519	18.21%	2.090%
96	15.061	4337	4345	4363	rVB	166005	299092	8.50%	0.976%
97	15.797	4566	4574	4596	rVB	165033	311605	8.86%	1.017%
98	15.913	4600	4610	4622	rBV	444931	765719	21.77%	2.499%
99	16.057	4647	4655	4661	rBV	251974	390242	11.09%	1.274%
100	17.225	5012	5018	5030	rVB2	174209	263636	7.49%	0.860%

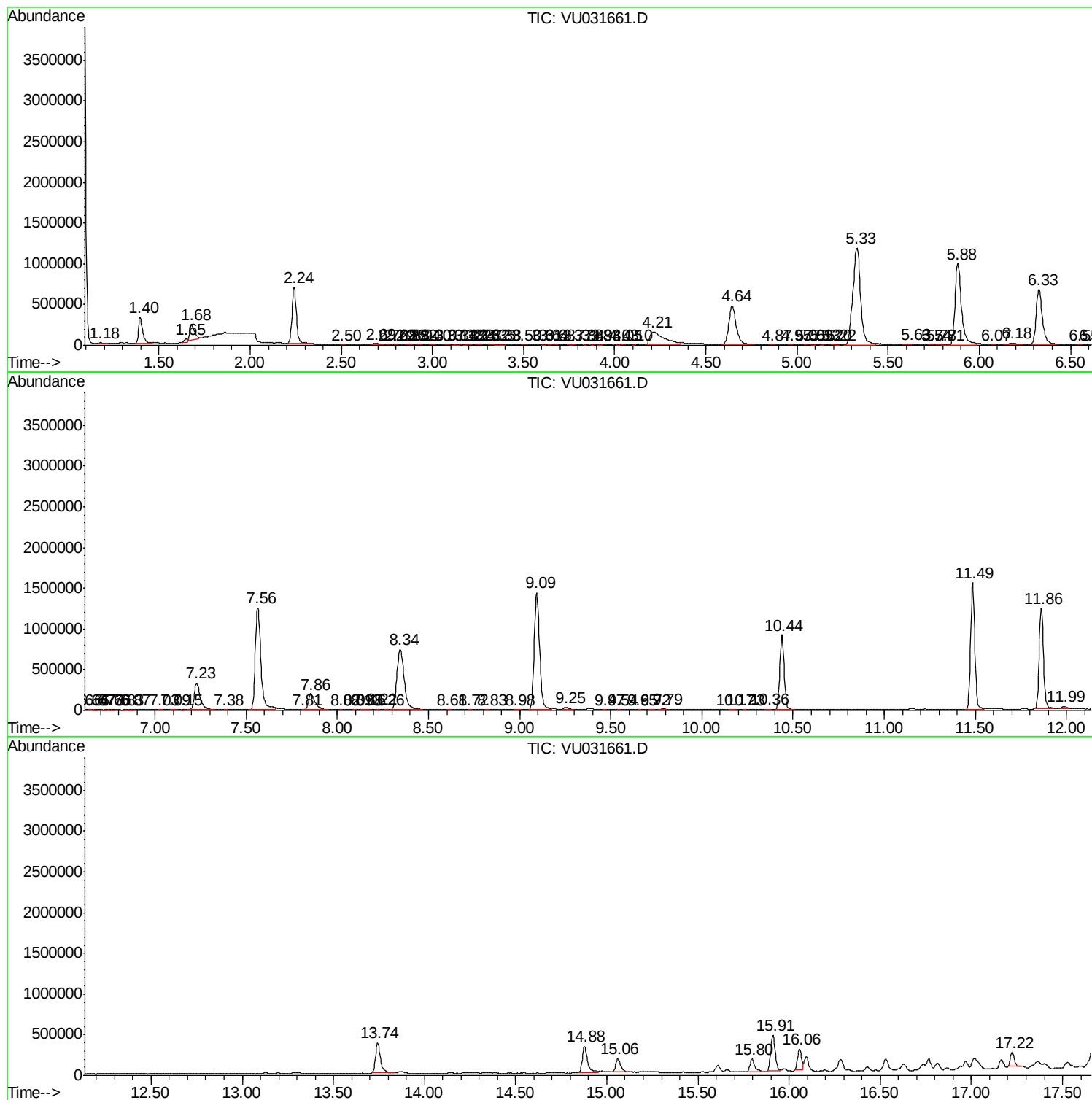
Sum of corrected areas: 30641302

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00µL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00µL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

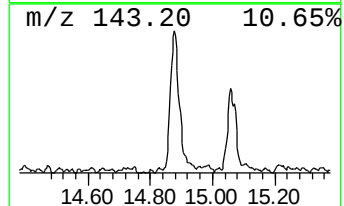
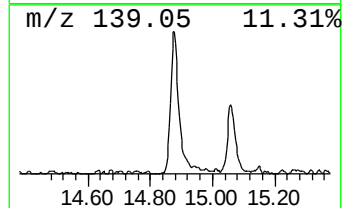
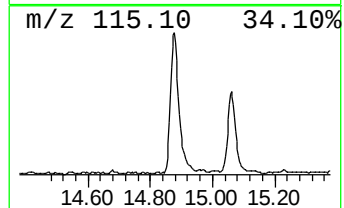
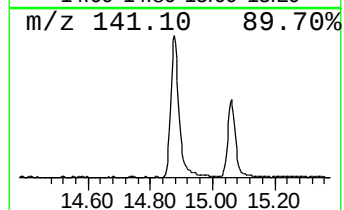
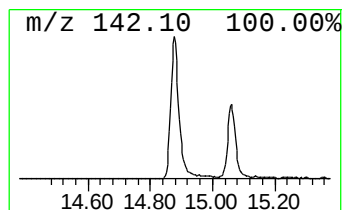
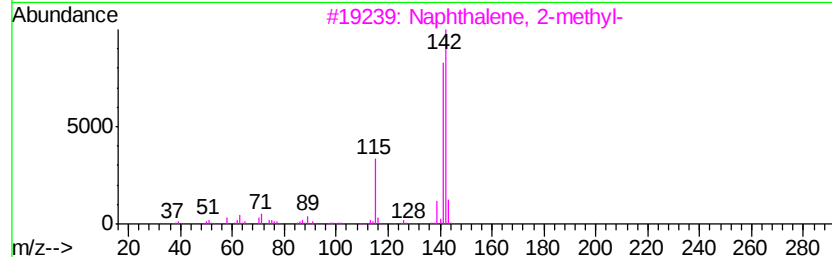
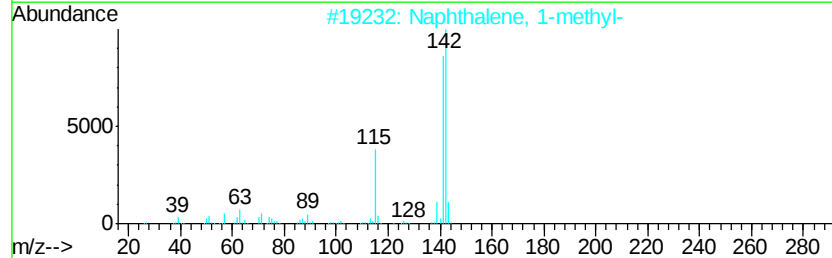
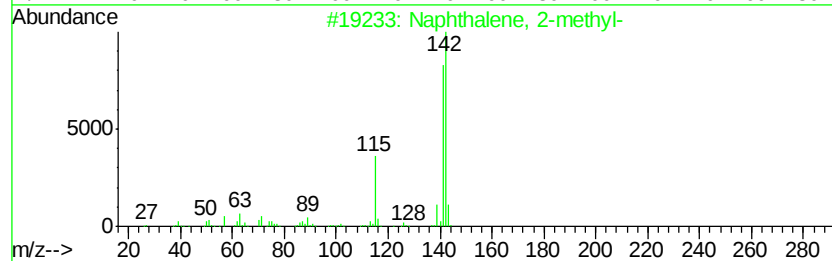
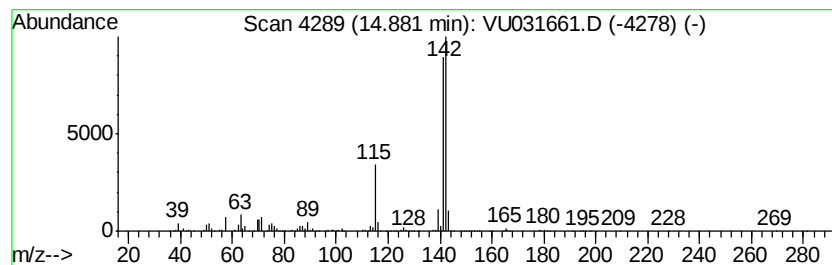
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	12.87 ug/L	640519	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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 95
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94
5		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

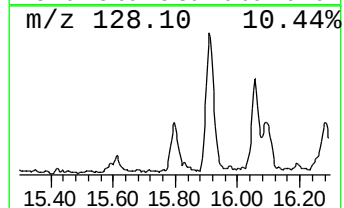
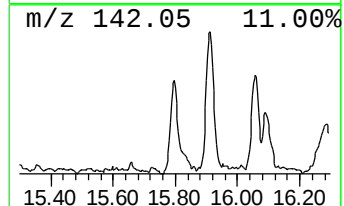
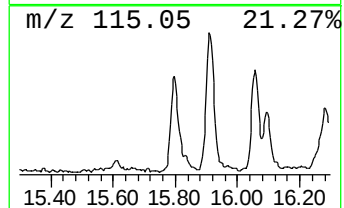
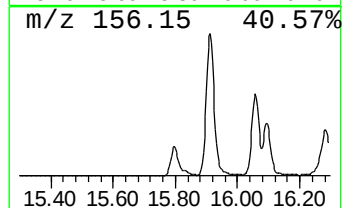
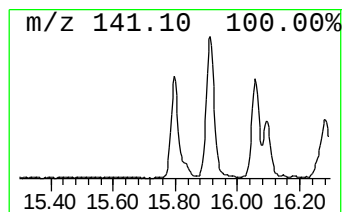
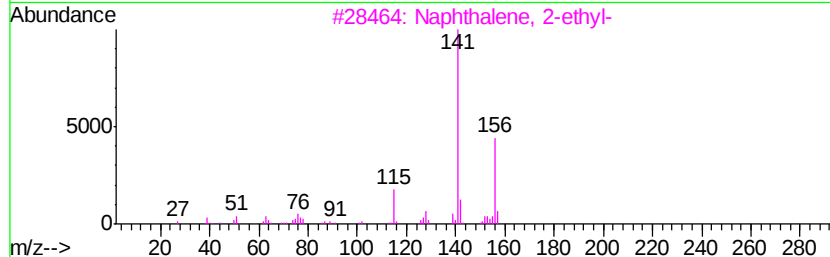
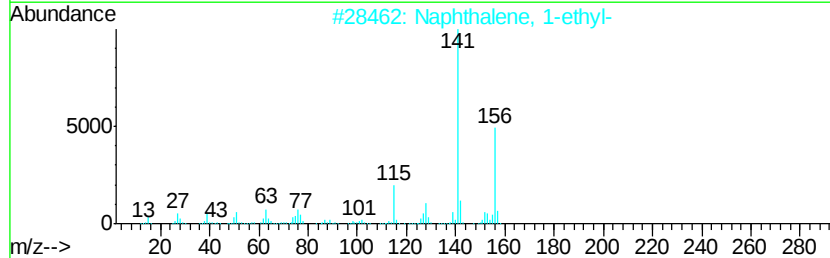
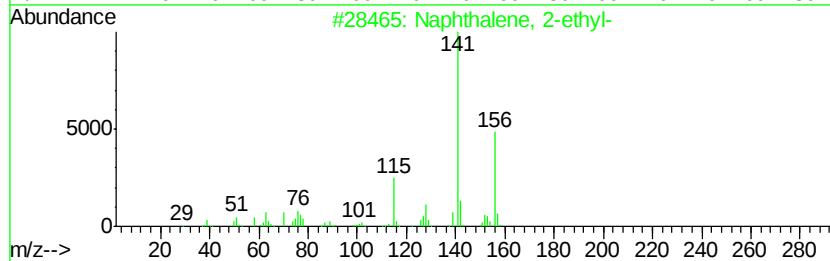
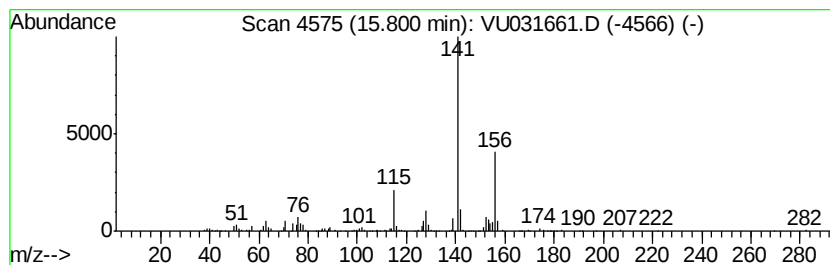
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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 5 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.80	6.26 ug/L	311605	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

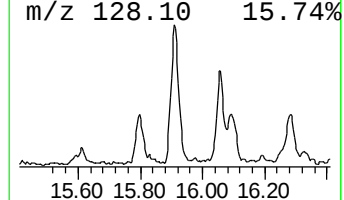
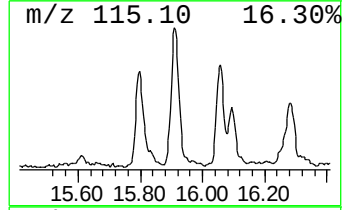
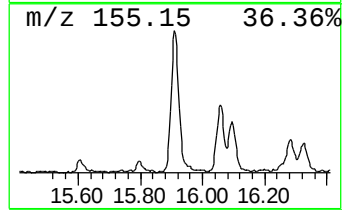
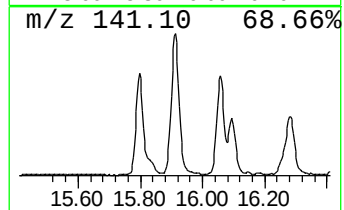
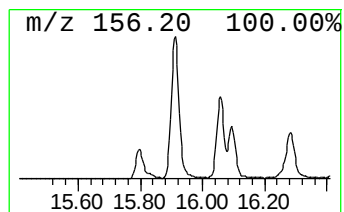
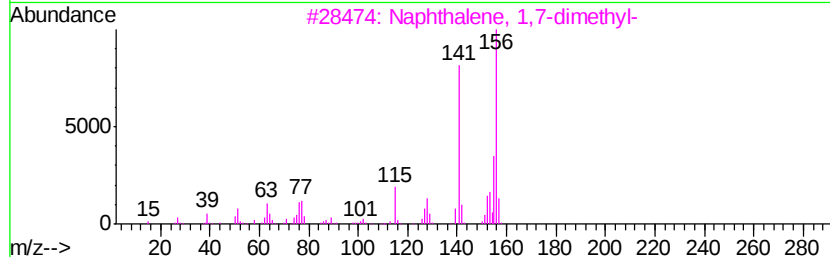
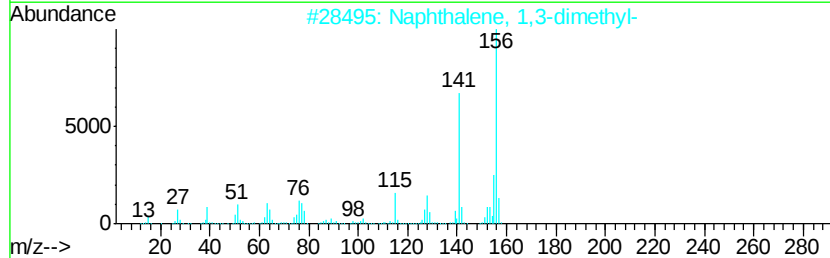
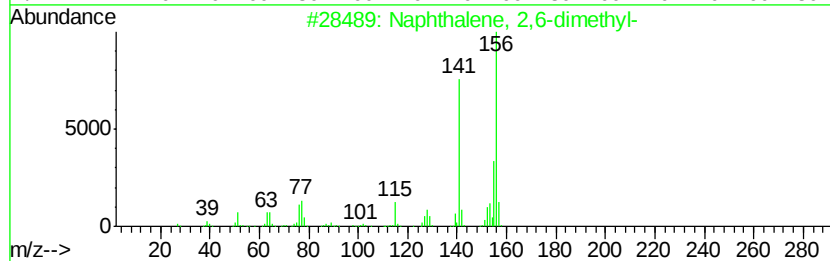
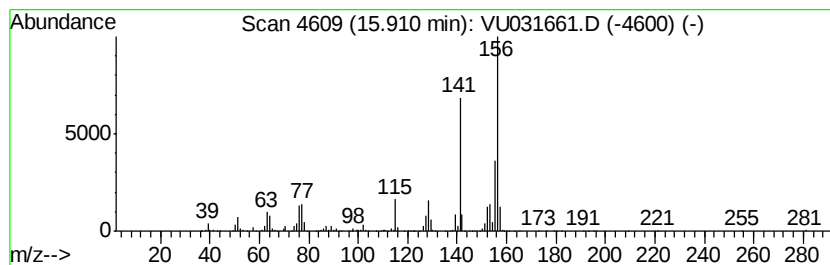
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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 6 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	15.38 ug/L	765719	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

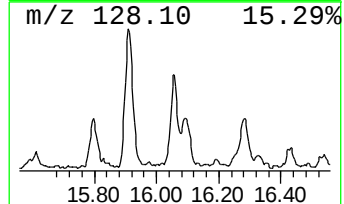
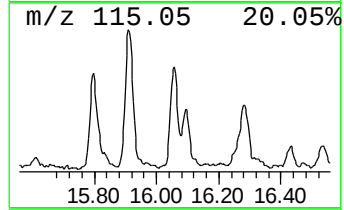
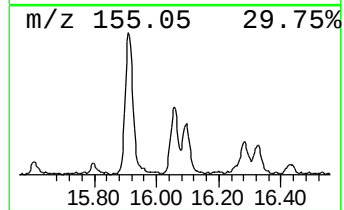
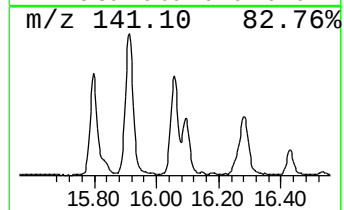
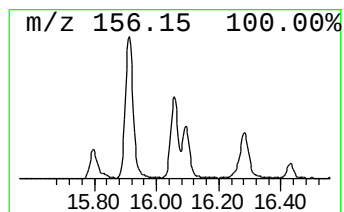
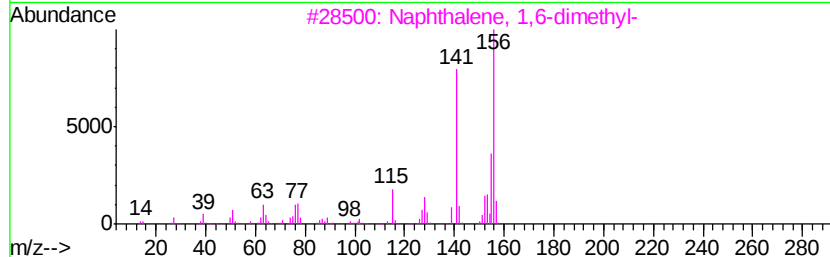
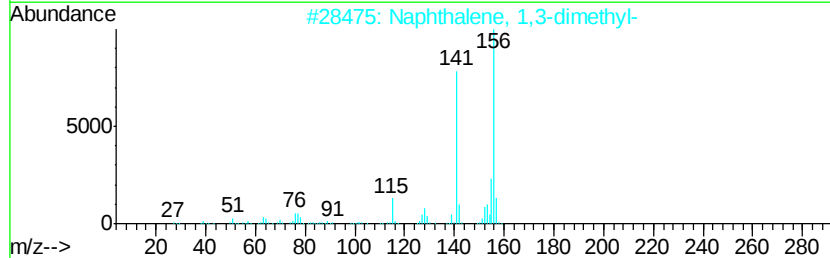
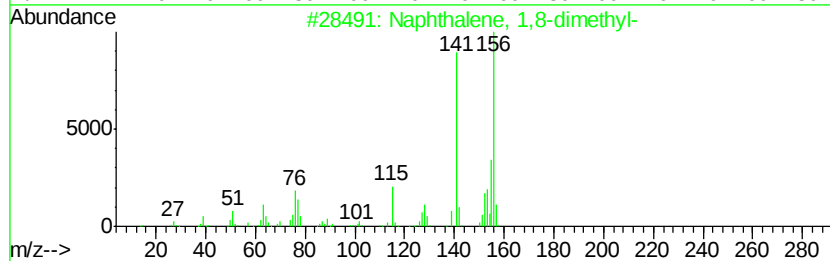
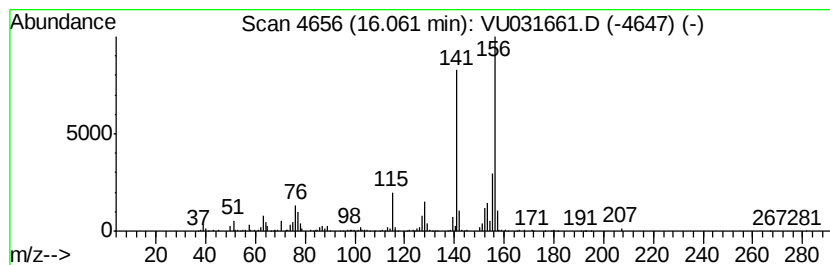
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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 7 Naphthalene, 1,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	7.84 ug/L	390242	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

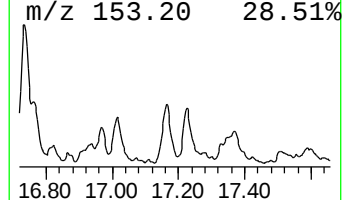
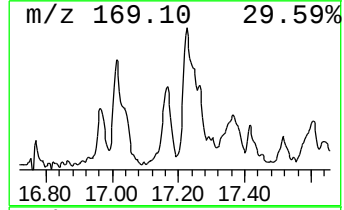
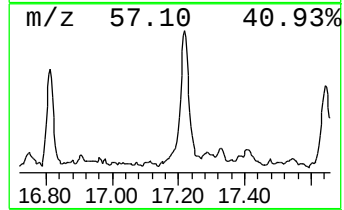
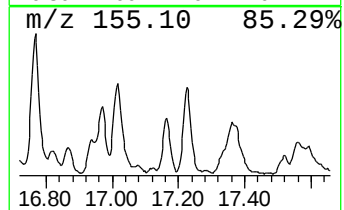
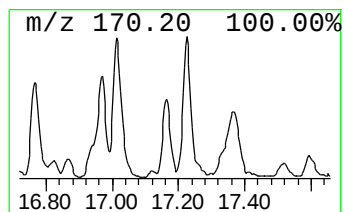
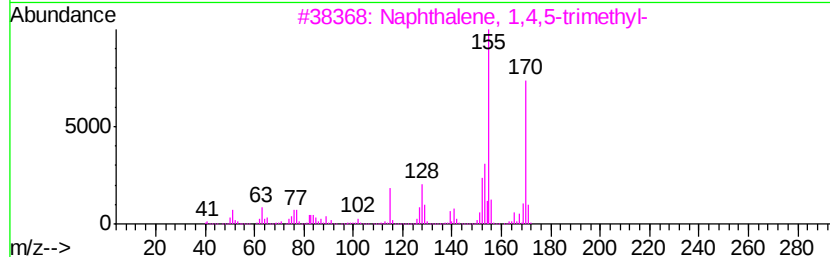
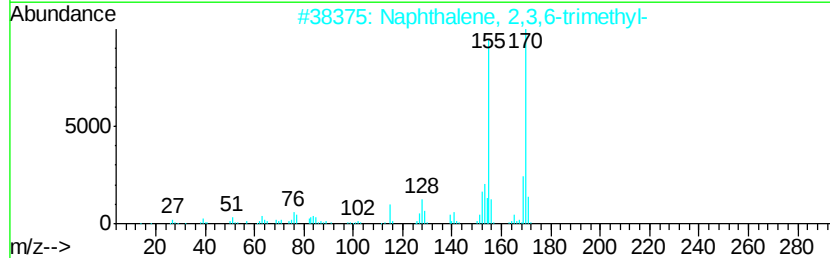
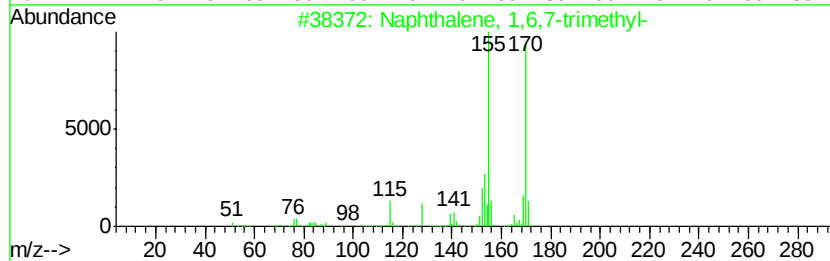
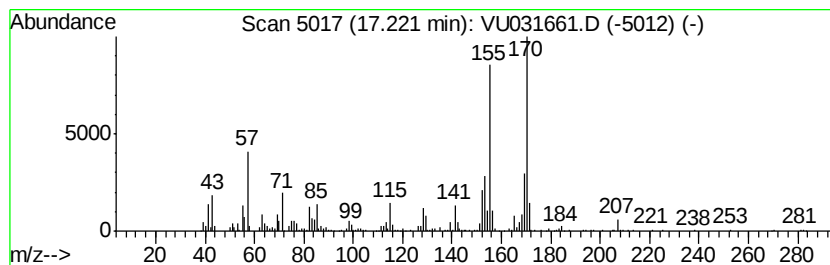
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	5.30 ug/L	263636	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 94
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 93
3		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 93
4		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 90
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ88

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...	14.88	12.9	ug/L	640519	3	11.49	2488970	50.0
Naphthalene, 2-et...	15.80	6.3	ug/L	311605	3	11.49	2488970	50.0
Naphthalene, 2,6-...	15.91	15.4	ug/L	765719	3	11.49	2488970	50.0
Naphthalene, 1,8-...	16.06	7.8	ug/L	390242	3	11.49	2488970	50.0
Naphthalene, 1,6,...	17.22	5.3	ug/L	263636	3	11.49	2488970	50.0