

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031677.D
 Acq On : 01 May 2019 12:23
 Operator : JC/SP
 Sample : K2604-12 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

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	1.395	88	95	107	rVB	377928	418019	0.64%	0.112%
2	1.678	176	183	196	rBV	323016	412245	0.63%	0.110%
3	2.267	355	366	379	rVB	729676	1108648	1.69%	0.297%
4	2.540	448	451	458	rVB6	1445	1327	0.00%	0.000%
5	2.694	492	499	510	rVB9	5150	8647	0.01%	0.002%
6	2.826	536	540	543	rBV4	1678	1597	0.00%	0.000%
7	2.891	557	560	568	rBV4	1481	1752	0.00%	0.000%
8	2.926	568	571	574	rBV4	1458	1169	0.00%	0.000%
9	2.974	583	586	591	rVB8	1813	1482	0.00%	0.000%
10	3.003	591	595	597	rBV	5141	4140	0.01%	0.001%
11	3.103	624	626	629	rVB	2468	1294	0.00%	0.000%
12	3.125	629	633	638	rVB2	2757	2787	0.00%	0.001%
13	3.154	638	642	646	rVB	3272	2743	0.00%	0.001%
14	3.177	646	649	654	rBV2	4145	3495	0.01%	0.001%
15	3.247	668	671	675	rVB	2698	1730	0.00%	0.000%
16	3.296	684	686	691	rVB5	2203	1615	0.00%	0.000%
17	3.347	698	702	706	rBV6	1931	1501	0.00%	0.000%
18	3.399	712	718	720	rBV3	1775	1247	0.00%	0.000%
19	3.447	729	733	738	rVB6	1552	1494	0.00%	0.000%
20	3.508	748	752	755	rVV3	1607	1330	0.00%	0.000%
21	3.540	760	762	766	rVB4	1513	1054	0.00%	0.000%
22	3.585	773	776	779	rVV3	1181	917	0.00%	0.000%
23	3.617	783	786	788	rVV2	1249	991	0.00%	0.000%
24	3.743	823	825	830	rVB3	1466	1180	0.00%	0.000%
25	3.833	850	853	859	rVB2	1798	1887	0.00%	0.001%
26	3.903	871	875	884	rBV4	1290	1925	0.00%	0.001%
27	4.038	909	917	919	rBV4	1592	1839	0.00%	0.000%
28	4.186	950	963	1010	rBV	349979	1144207	1.75%	0.307%
29	4.505	1056	1062	1068	rBV6	1744	2367	0.00%	0.001%
30	4.643	1088	1105	1136	rBV	573516	1392814	2.13%	0.373%
31	4.887	1178	1181	1184	rBV4	1780	1131	0.00%	0.000%
32	5.042	1224	1229	1232	rBV2	2612	2429	0.00%	0.001%
33	5.093	1241	1245	1249	rVB5	1348	1227	0.00%	0.000%
34	5.231	1280	1288	1292	rBV5	1782	2252	0.00%	0.001%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031677.D
 Acq On : 01 May 2019 12:23
 Operator : JC/SP
 Sample : K2604-12 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

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	5.334	1296	1320	1356	rBV2	1223438	3661868	5.60%	0.981%
36	5.697	1431	1433	1438	rVB3	1766	989	0.00%	0.000%
37	5.746	1445	1448	1454	rBV6	1823	1471	0.00%	0.000%
38	5.794	1458	1463	1467	rVB5	1763	1513	0.00%	0.000%
39	5.881	1475	1490	1528	rBV	1226192	2531129	3.87%	0.678%
40	6.177	1570	1582	1595	rBV6	17115	38754	0.06%	0.010%
41	6.324	1614	1628	1658	rBV	823350	1701583	2.60%	0.456%
42	6.881	1795	1801	1802	rBV4	2424	2451	0.00%	0.001%
43	7.000	1834	1838	1842	rVB4	1974	1337	0.00%	0.000%
44	7.032	1842	1848	1852	rBV7	1306	1442	0.00%	0.000%
45	7.054	1852	1855	1859	rVB4	1008	933	0.00%	0.000%
46	7.141	1877	1882	1884	rBV4	1445	1152	0.00%	0.000%
47	7.225	1893	1908	1929	rBV	462458	873485	1.33%	0.234%
48	7.418	1961	1968	1970	rBV6	1855	2579	0.00%	0.001%
49	7.562	1999	2013	2026	rBV	1521458	2730863	4.17%	0.732%
50	7.633	2027	2035	2075	rVB	351170	728273	1.11%	0.195%
51	7.849	2092	2102	2127	rVB	306950	549060	0.84%	0.147%
52	8.103	2179	2181	2185	rVB3	2756	1720	0.00%	0.000%
53	8.189	2205	2208	2212	rVB3	2661	2002	0.00%	0.001%
54	8.225	2212	2219	2225	rBV10	3735	5317	0.01%	0.001%
55	8.315	2233	2247	2290	rBV	1338721	2642637	4.04%	0.708%
56	8.903	2425	2430	2442	rVB8	7644	12064	0.02%	0.003%
57	9.029	2454	2469	2475	rBV8	13789	30469	0.05%	0.008%
58	9.086	2475	2487	2522	rVV	1780474	3076933	4.70%	0.825%
59	9.244	2523	2536	2563	rVV	10246754	16985187	25.96%	4.553%
60	9.373	2565	2576	2590	rVV	4422775	7439364	11.37%	1.994%
61	9.437	2592	2596	2620	rVB2	266243	440675	0.67%	0.118%
62	9.774	2690	2701	2735	rVB4	5671812	10505575	16.06%	2.816%
63	9.948	2748	2755	2765	rVB2	159765	236281	0.36%	0.063%
64	10.038	2777	2783	2792	rBV4	103912	161230	0.25%	0.043%
65	10.160	2814	2821	2831	rBV2	104018	166199	0.25%	0.045%
66	10.430	2894	2905	2917	rBV	1180010	2163031	3.31%	0.580%
67	10.585	2945	2953	2961	rBV	287689	421027	0.64%	0.113%
68	10.701	2984	2989	2997	rVB	582091	804674	1.23%	0.216%
69	10.768	2998	3010	3016	rVV	1594304	2748006	4.20%	0.737%
70	10.810	3017	3023	3034	rVB	1975617	2808939	4.29%	0.753%
71	10.971	3065	3073	3075	rBV2	443538	601929	0.92%	0.161%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031677.D
 Acq On : 01 May 2019 12:23
 Operator : JC/SP
 Sample : K2604-12 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

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	11.112	3109	3117	3119	rBV	811759	991773	1.52%	0.266%
73	11.144	3120	3127	3138	rVV	4977283	7488001	11.44%	2.007%
74	11.212	3139	3148	3156	rVV	3705212	5557102	8.49%	1.489%
75	11.260	3156	3163	3175	rVB	1856632	2749756	4.20%	0.737%
76	11.395	3197	3205	3212	rBV2	876053	1385655	2.12%	0.371%
77	11.479	3223	3231	3240	rBV	1920840	2826160	4.32%	0.757%
78	11.565	3251	3258	3266	rBV	1861152	2491061	3.81%	0.668%
79	11.697	3294	3299	3309	rVB3	620397	852543	1.30%	0.229%
80	11.762	3311	3319	3327	rBV	1132166	1935370	2.96%	0.519%
81	11.858	3340	3349	3366	rVB5	2643648	5563869	8.50%	1.491%
82	11.977	3375	3386	3394	rBV	18631301	29563784	45.18%	7.924%
83	12.356	3497	3504	3509	rBV2	815561	1227823	1.88%	0.329%
84	12.607	3573	3582	3588	rBV	2640389	4181656	6.39%	1.121%
85	12.700	3603	3611	3629	rBV4	2319616	6532290	9.98%	1.751%
86	13.118	3733	3741	3753	rBV4	5187987	9064936	13.85%	2.430%
87	13.286	3783	3793	3814	rBV7	5592671	12483068	19.08%	3.346%
88	13.739	3923	3934	3944	rVB2	35492311	56749011	86.73%	15.210%
89	14.334	4111	4119	4129	rBV7	2346957	4337574	6.63%	1.163%
90	14.874	4276	4287	4298	rBV2	41380538	65433889	100.00%	17.538%
91	15.057	4334	4344	4362	rVB	17063899	26862772	41.05%	7.200%
92	15.794	4564	4573	4582	rBV	6756137	10627227	16.24%	2.848%
93	15.909	4597	4609	4624	rBV	10918824	19147183	29.26%	5.132%
94	16.054	4645	4654	4661	rBV	8714054	13639830	20.85%	3.656%
95	16.279	4710	4724	4733	rBV2	2340116	4947898	7.56%	1.326%
96	16.424	4763	4769	4780	rVB	988216	1457197	2.23%	0.391%
97	16.527	4794	4801	4814	rVB3	1298182	2167162	3.31%	0.581%
98	17.012	4946	4952	4977	rVB2	1050147	2203195	3.37%	0.591%
99	17.160	4992	4998	5008	rVB	745708	1154781	1.76%	0.310%
100	17.221	5011	5017	5027	rVV2	549358	855028	1.31%	0.229%

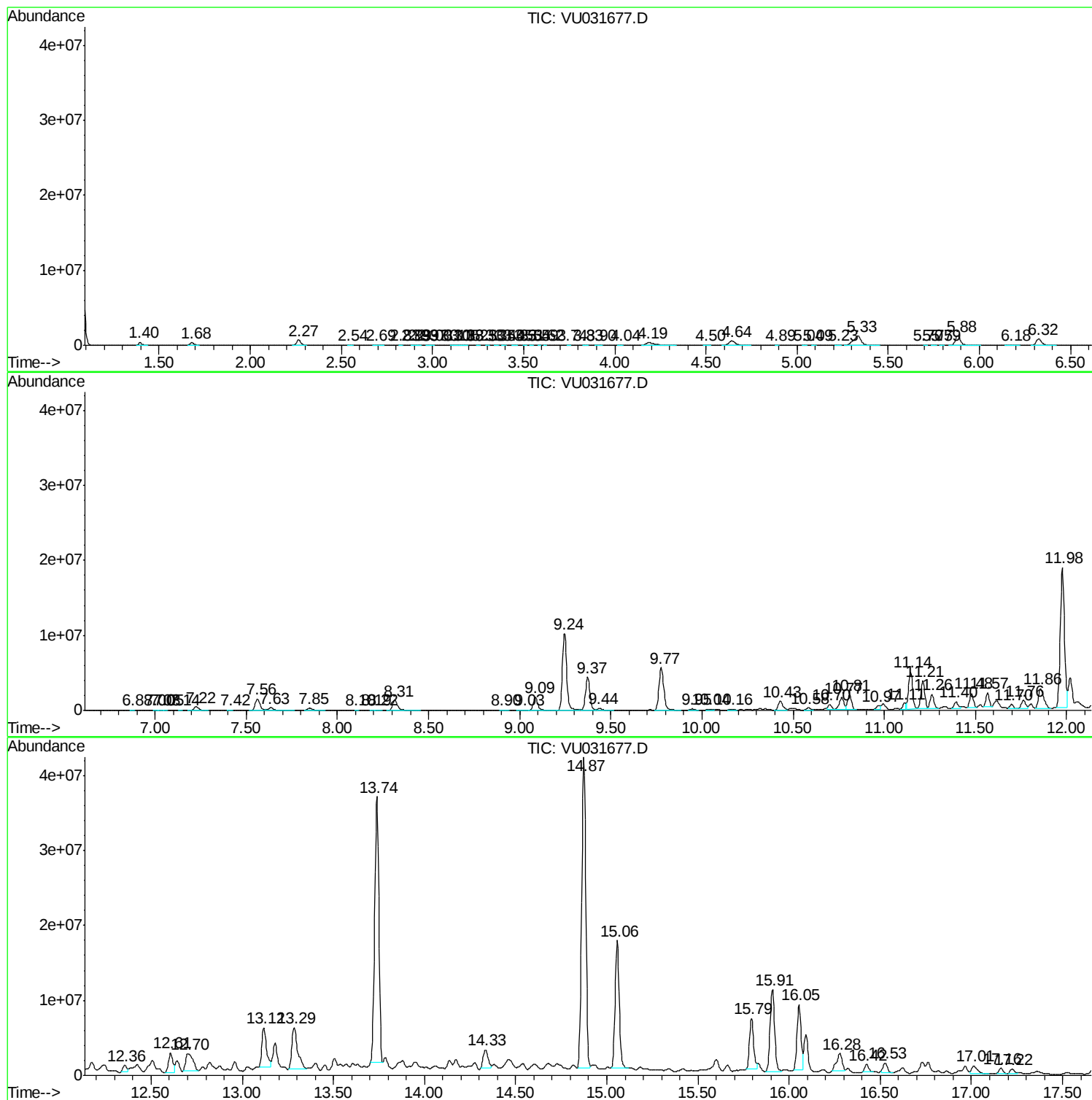
Sum of corrected areas: 373094217

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

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\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

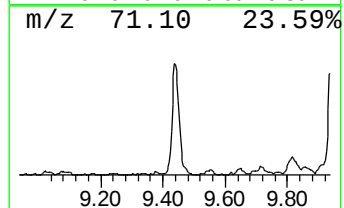
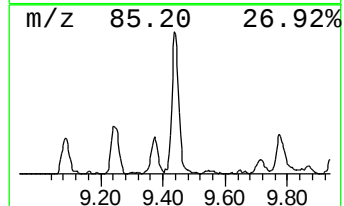
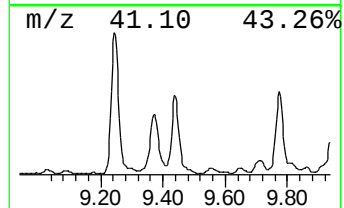
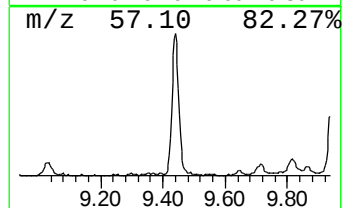
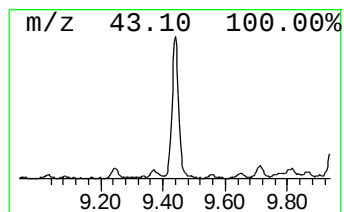
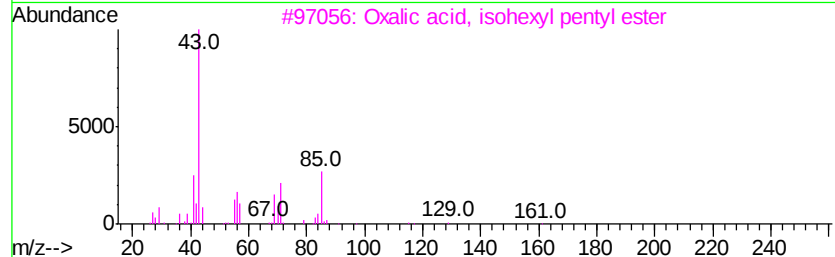
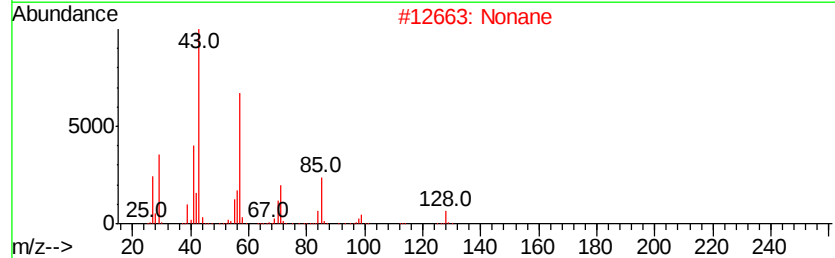
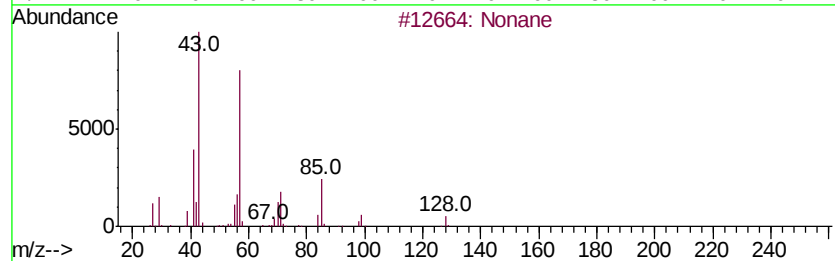
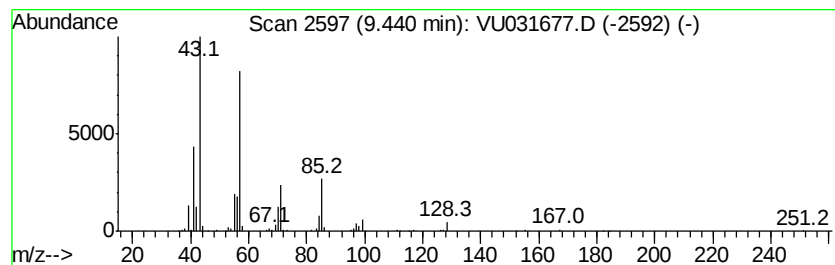
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	7.16 ug/L	440675	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	80
2		Nonane	128	C9H20	000111-84-2	78
3		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
4		Decane	142	C10H22	000124-18-5	64
5		Nonane	128	C9H20	000111-84-2	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
GAJ86

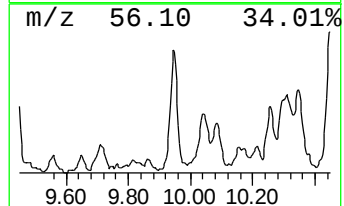
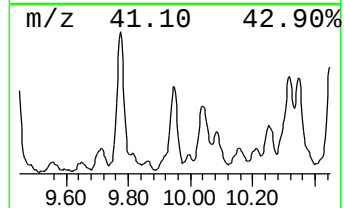
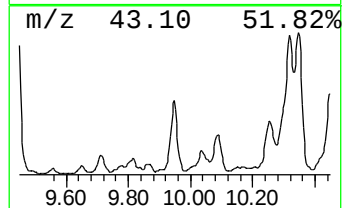
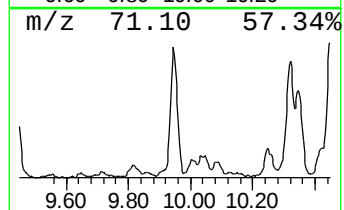
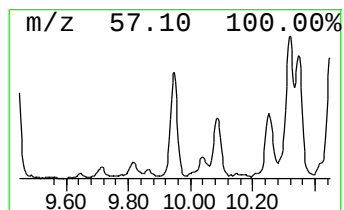
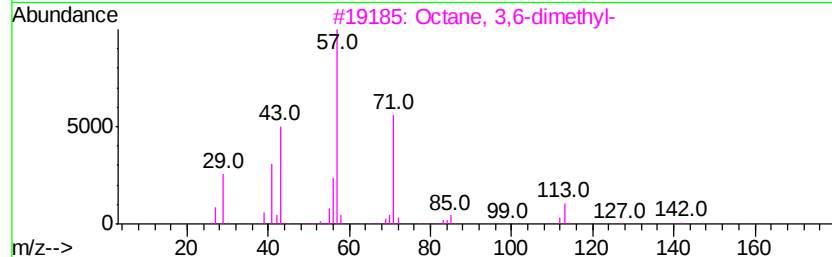
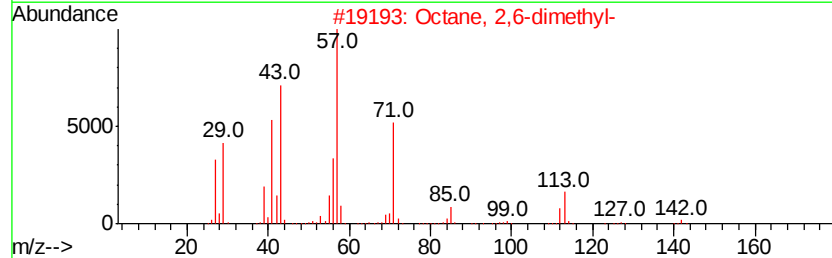
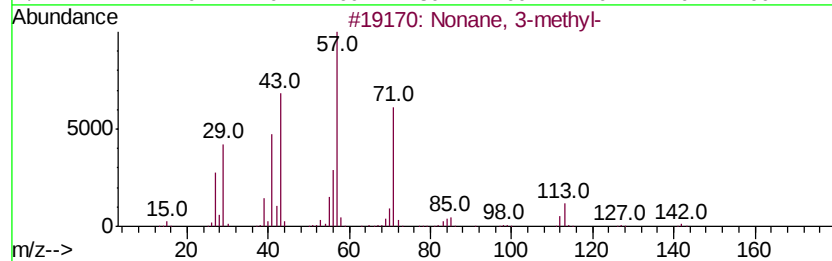
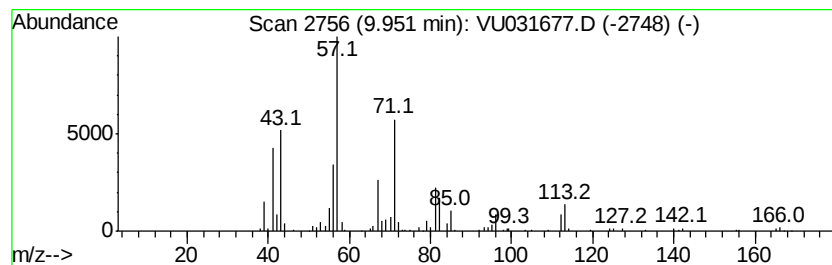
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.84 ug/L	236281	Chlorobenzene-d5	9.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

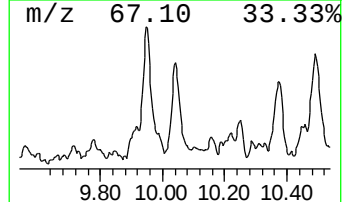
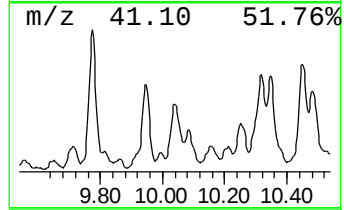
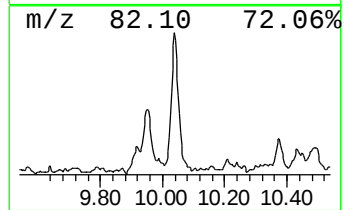
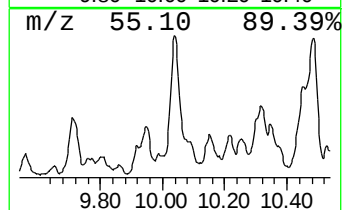
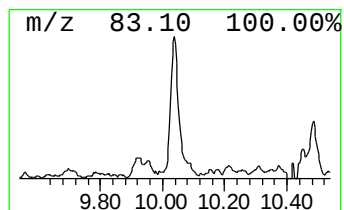
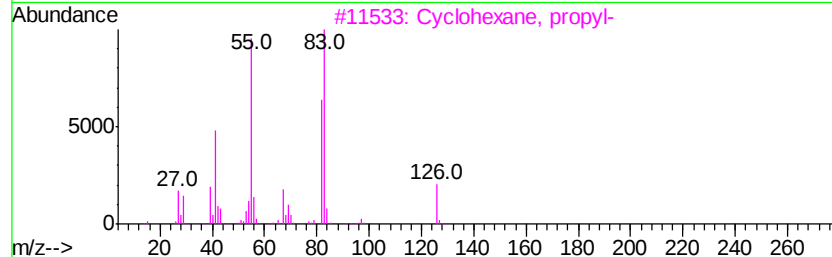
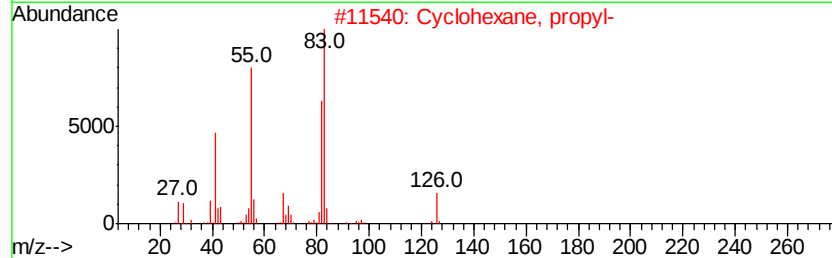
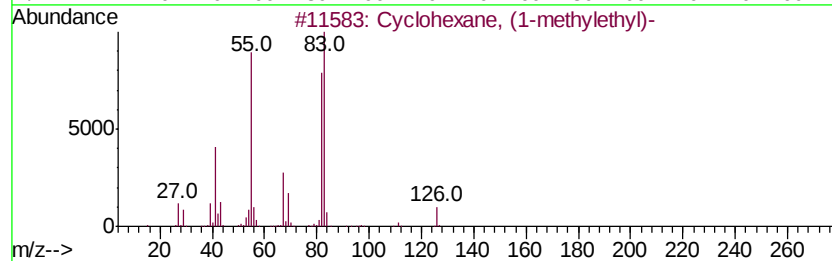
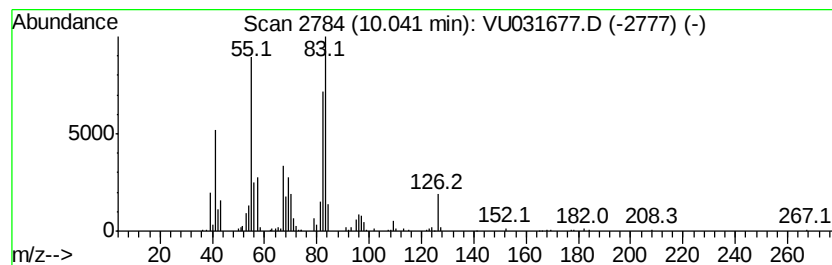
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic10.04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.62 ug/L	161230	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

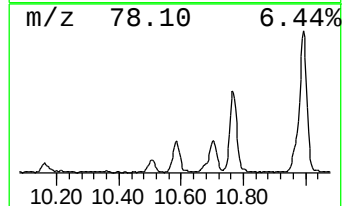
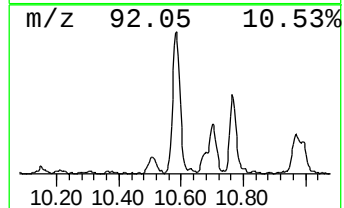
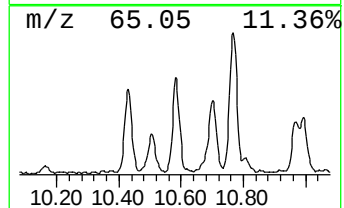
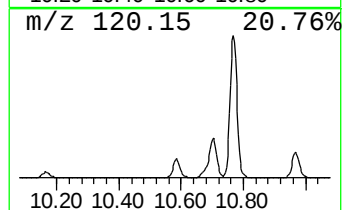
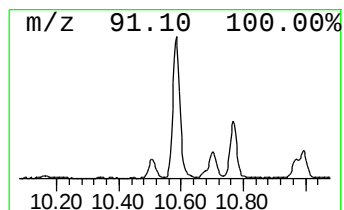
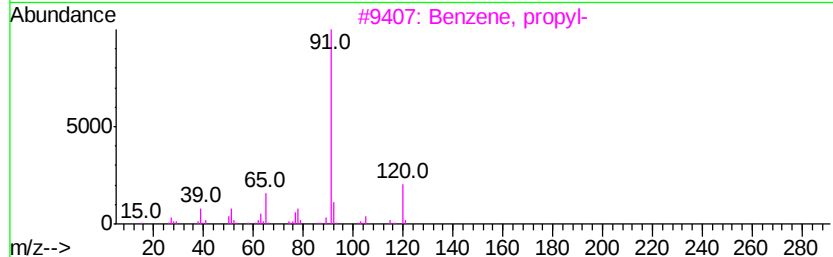
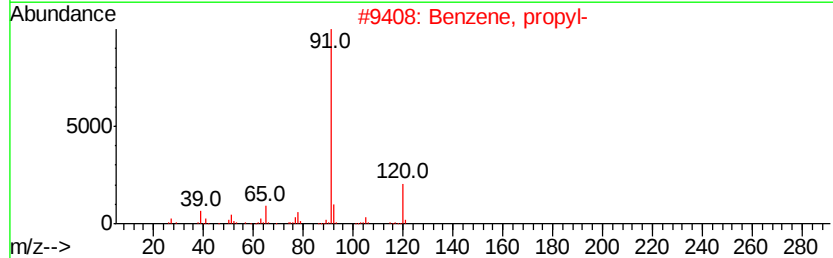
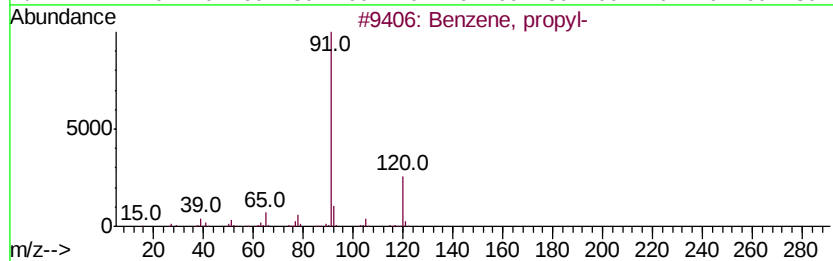
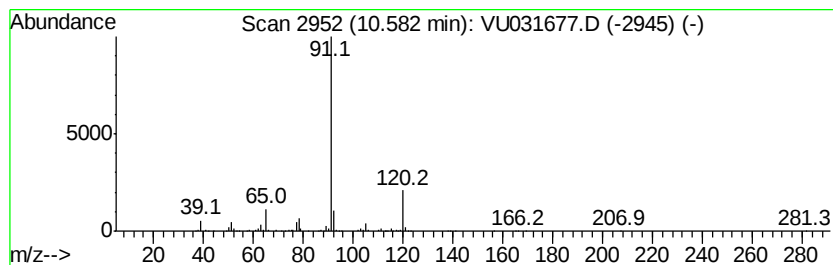
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.45 ug/L	421027	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	87
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

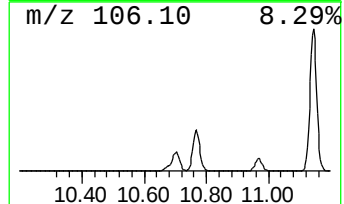
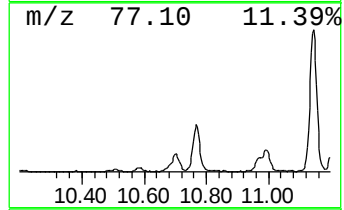
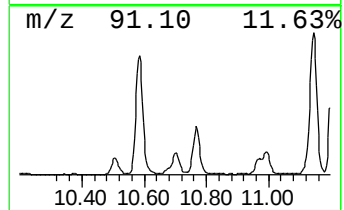
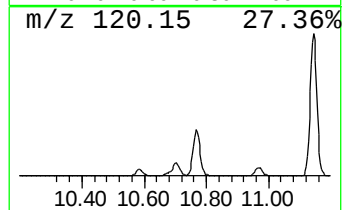
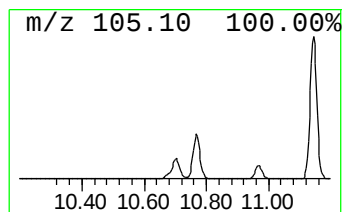
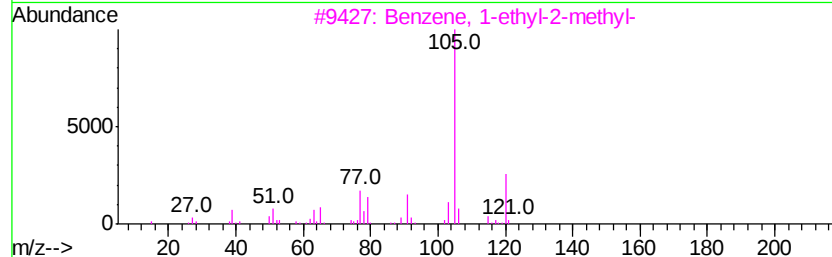
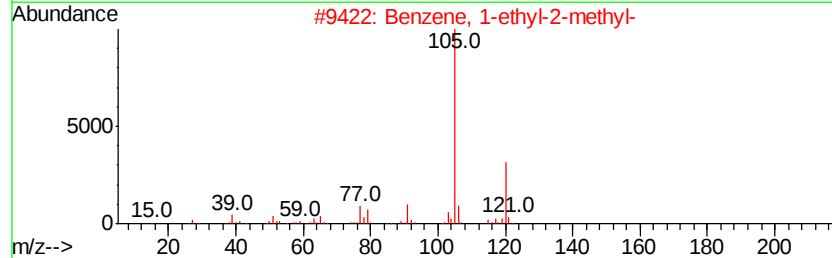
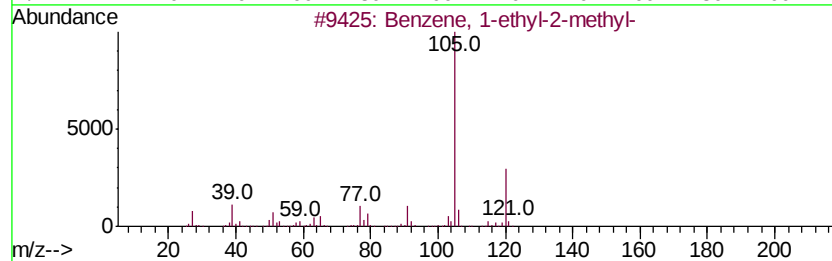
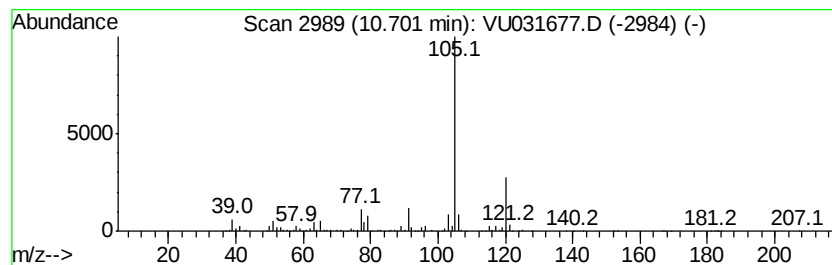
Instrument :
MSVOA_U
ClientSampleId :
GAJ86

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 Benzene, 1-ethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	14.24 ug/L	804674	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 94
3		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 93
4		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
5		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

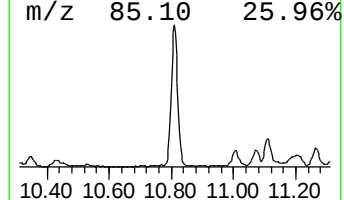
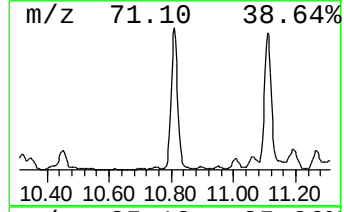
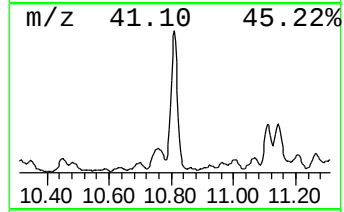
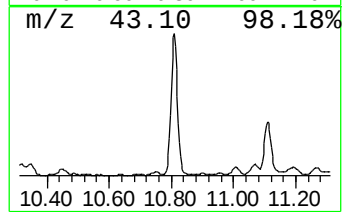
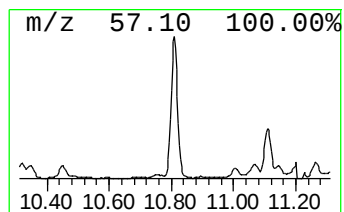
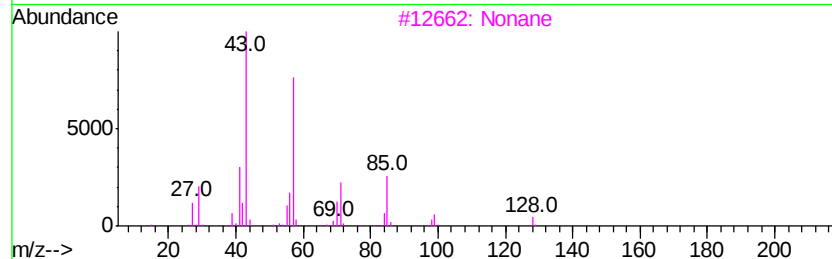
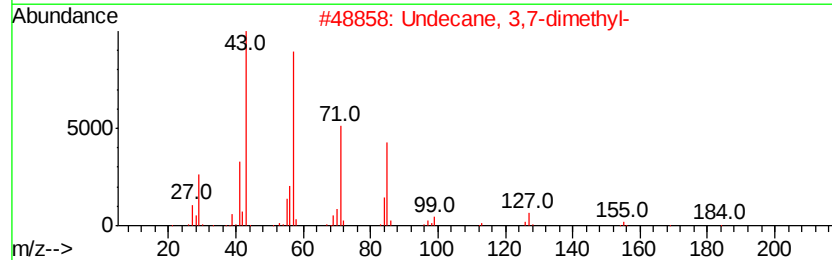
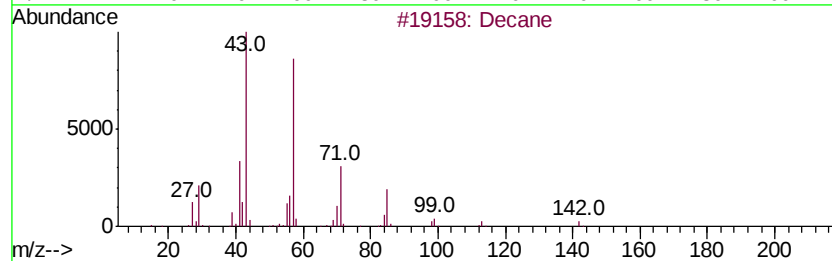
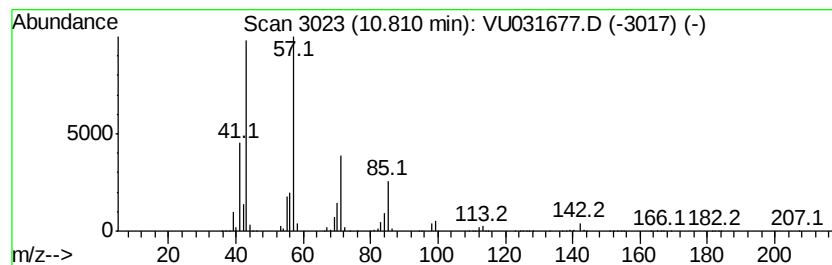
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	49.70 ug/L	2808940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
3		Nonane	128	C9H20	000111-84-2	72
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	68
5		Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

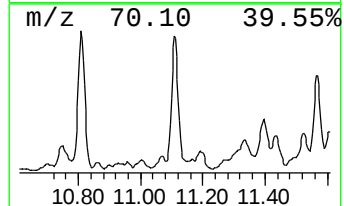
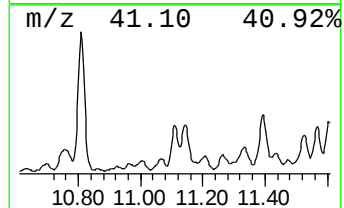
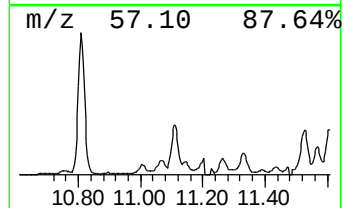
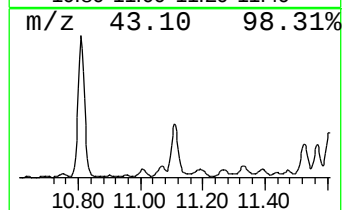
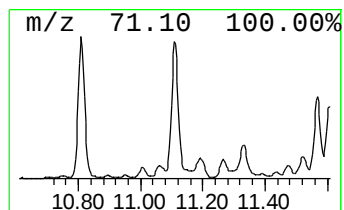
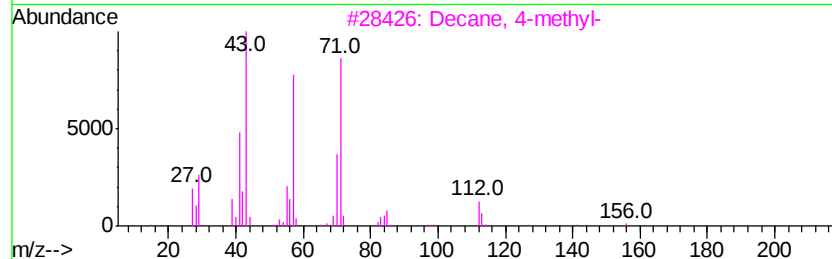
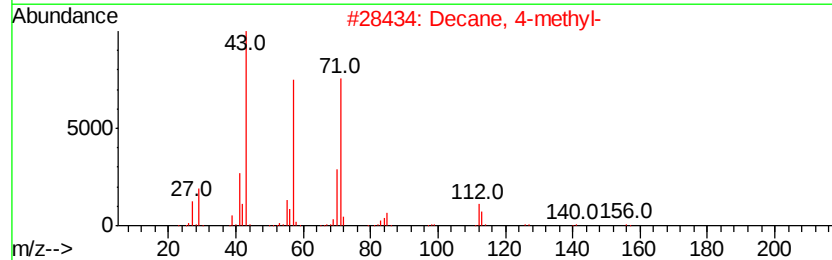
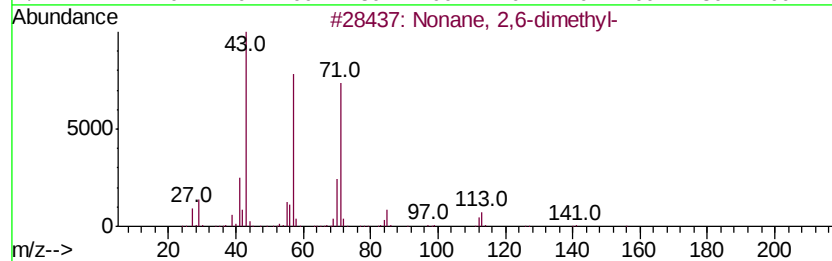
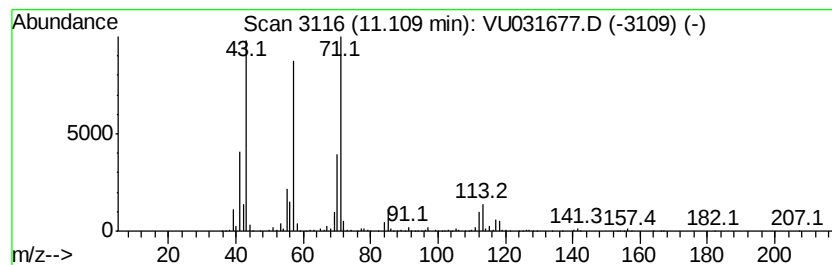
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	17.55 ug/L	991773	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Decane, 4-methyl-	156	C11H24	002847-72-5	64
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

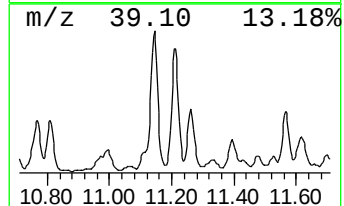
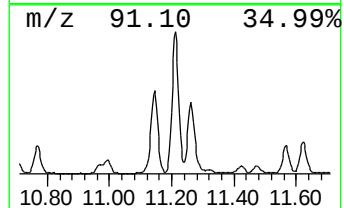
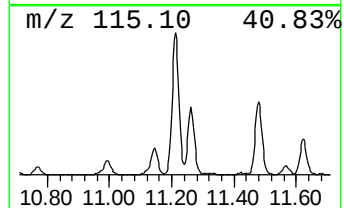
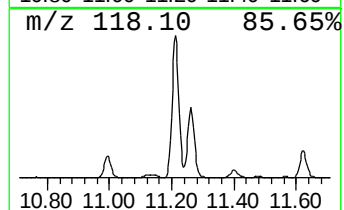
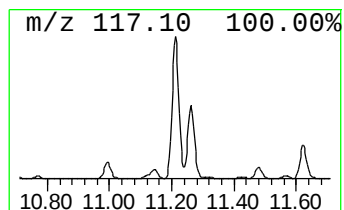
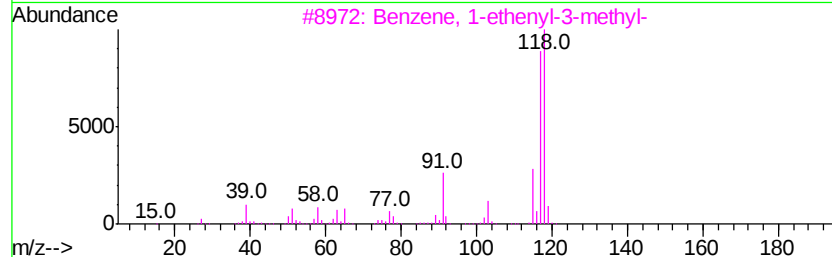
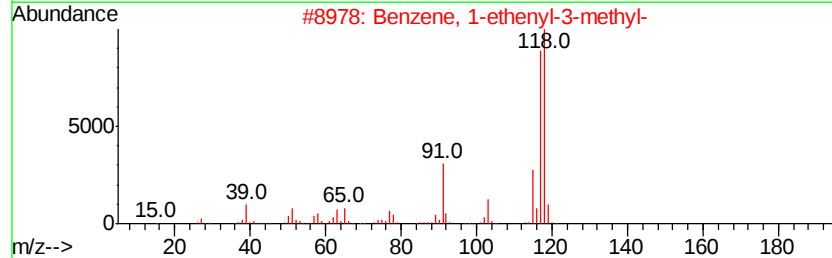
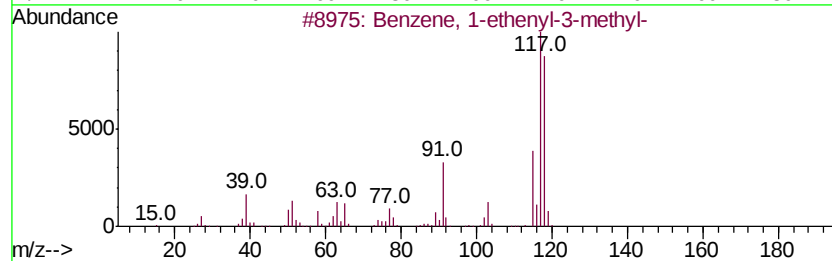
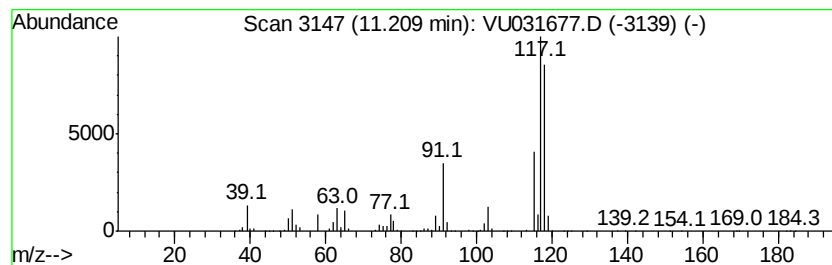
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	98.32 ug/L	5557100	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

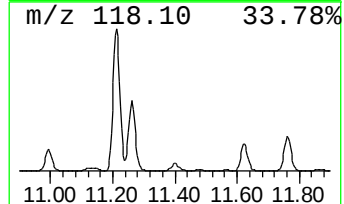
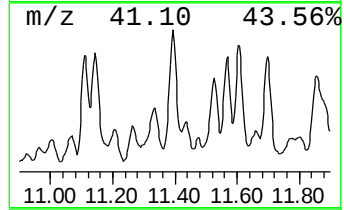
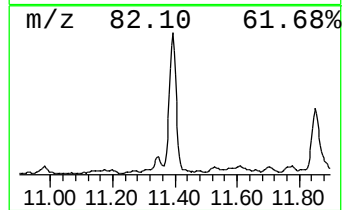
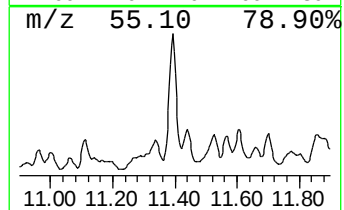
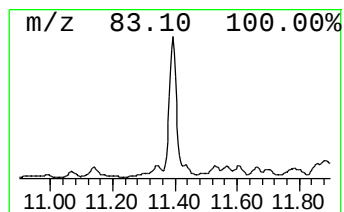
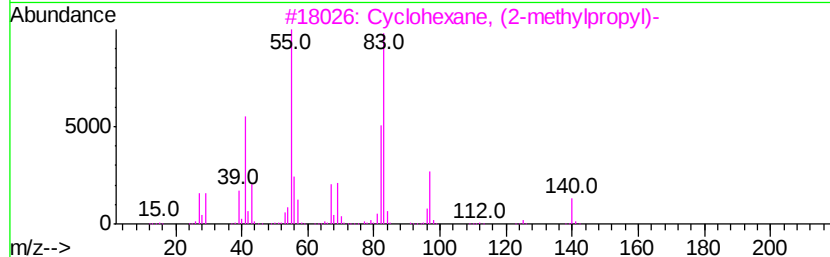
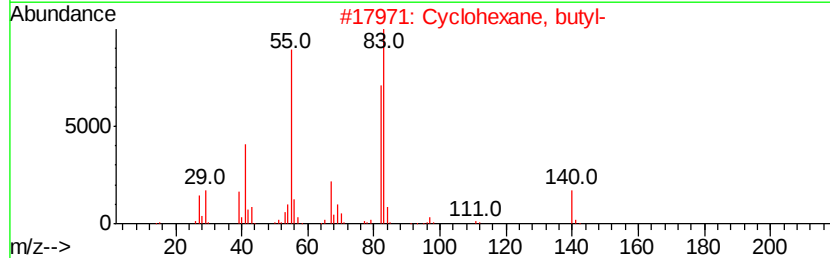
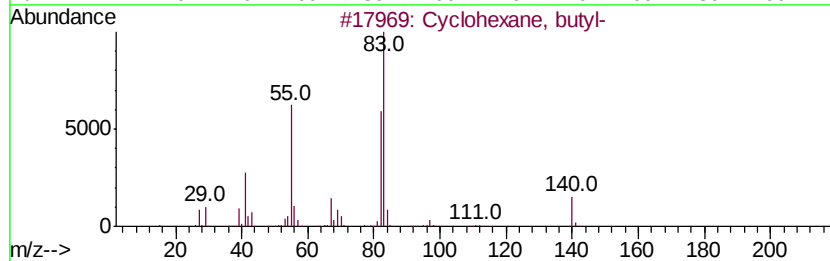
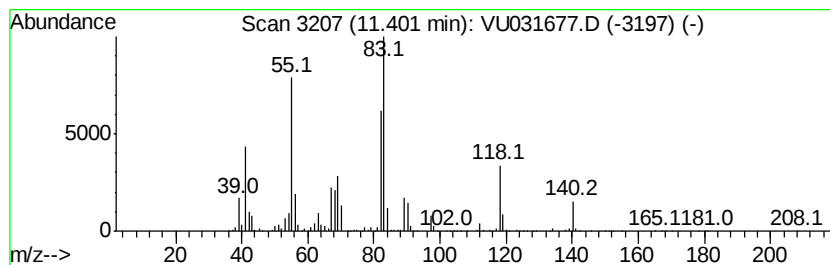
Instrument :
MSVOA_U
ClientSampleId :
GAJ86

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 14 (DEL) Alkane: Cyclic11.40 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.40	24.51 ug/L	1385660	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, butvl-	140	C10H20	001678-93-9	81
2	Cvclohexane, butvl-	140	C10H20	001678-93-9	74
3	Cvclohexane, (2-methvlpropvl)-	140	C10H20	001678-98-4	64
4	Cvclohexane, propvl-	126	C9H18	001678-92-8	59
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

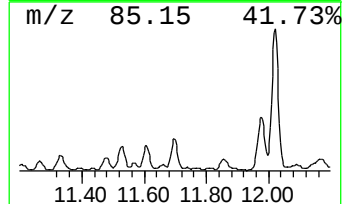
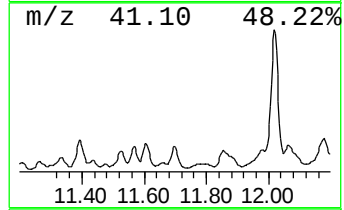
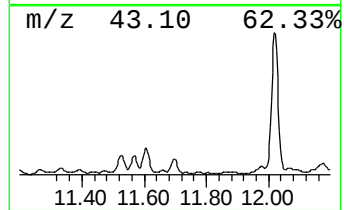
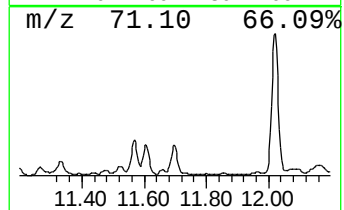
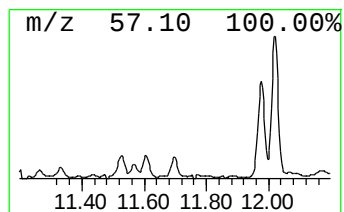
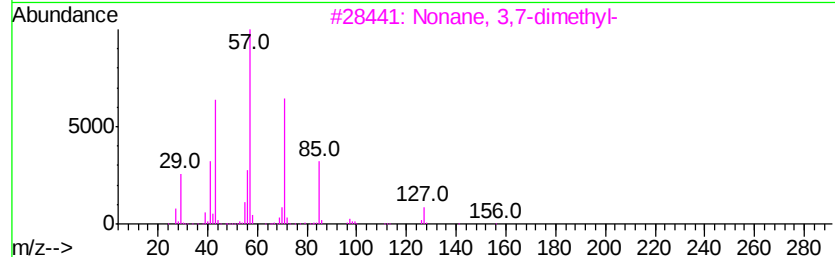
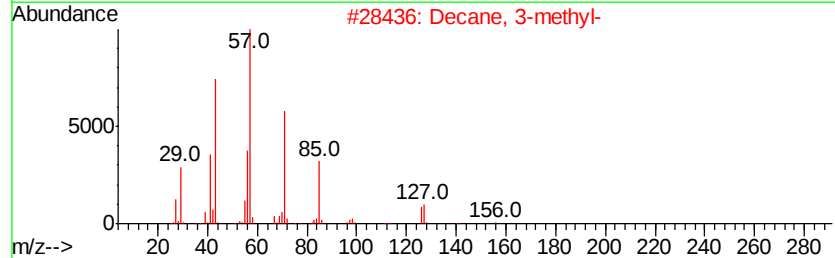
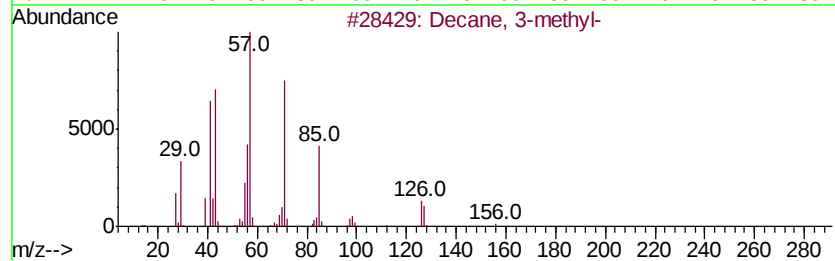
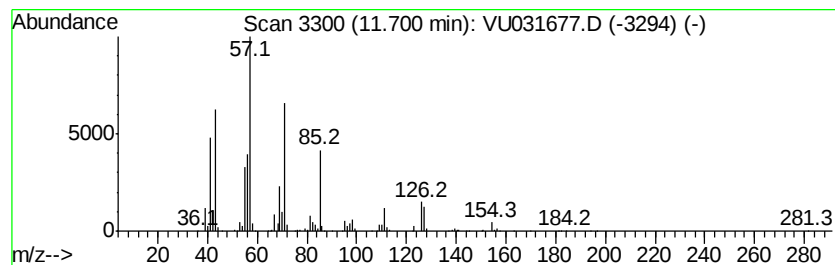
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	15.08 ug/L	852543	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	94
2			Decane, 3-methyl-	156	C11H24	013151-34-3	91
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	86
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
5			Decane, 5-propyl-	184	C13H28	017312-62-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

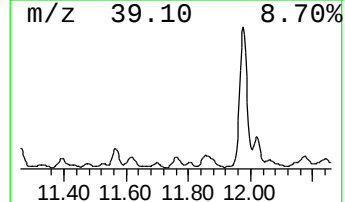
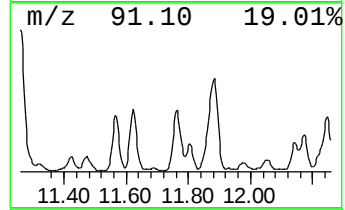
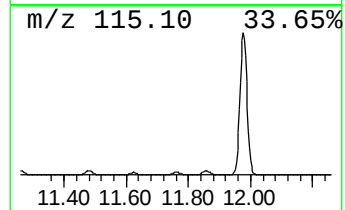
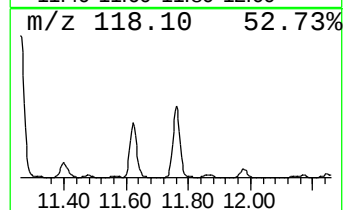
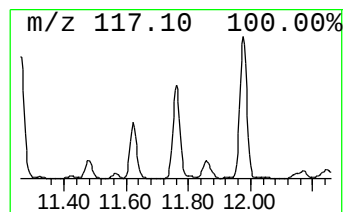
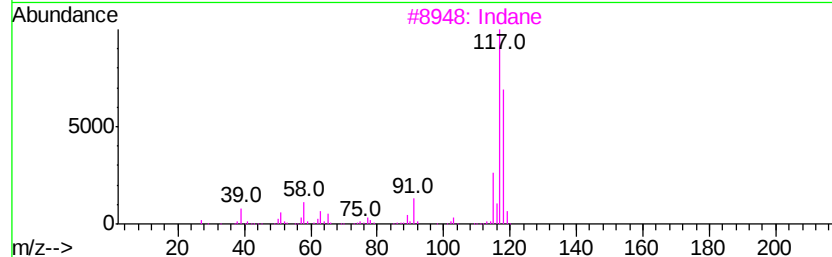
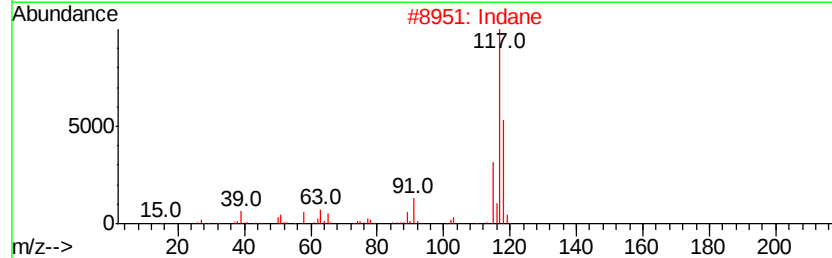
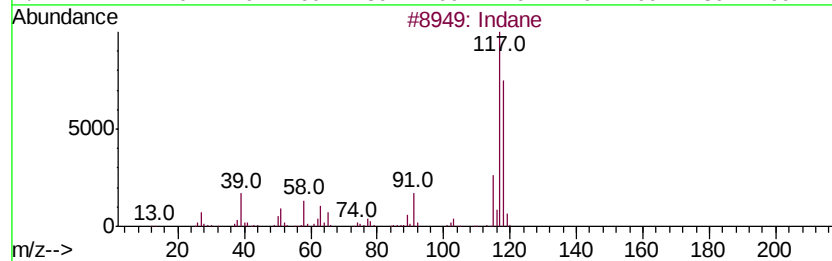
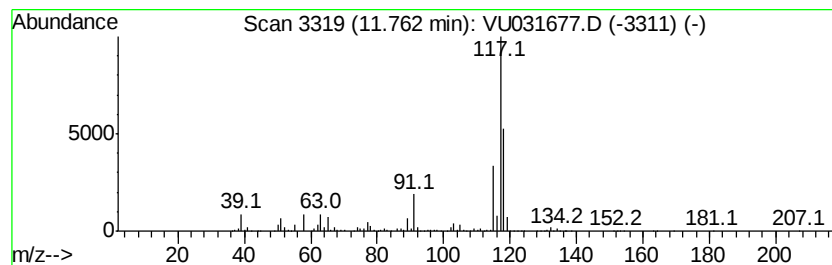
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	34.24 ug/L	1935370	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	93
3		Indane	118	C9H10	000496-11-7	87
4		Deltacyclene	118	C9H10	007785-10-6	74
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

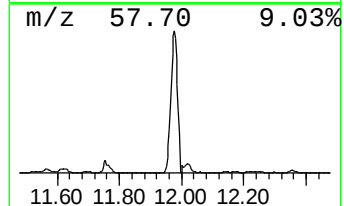
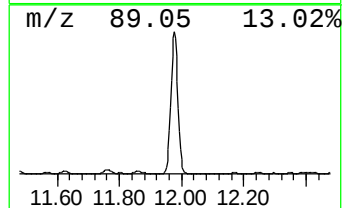
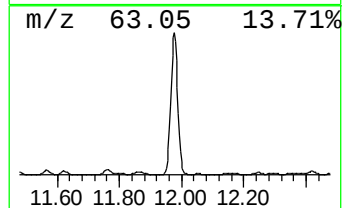
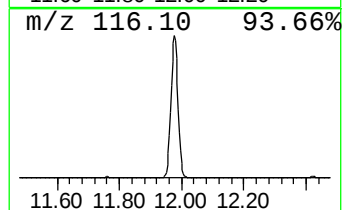
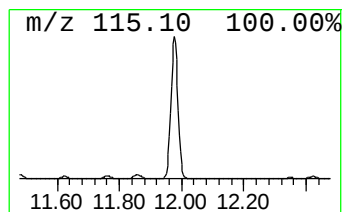
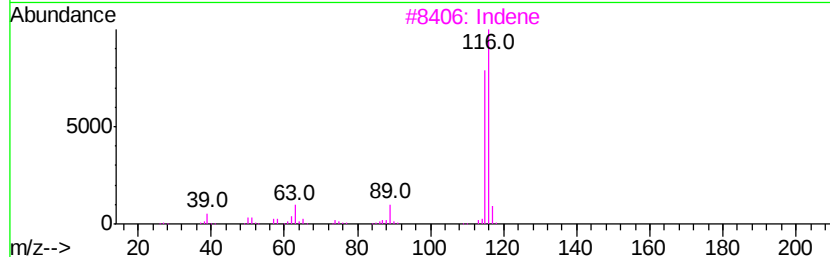
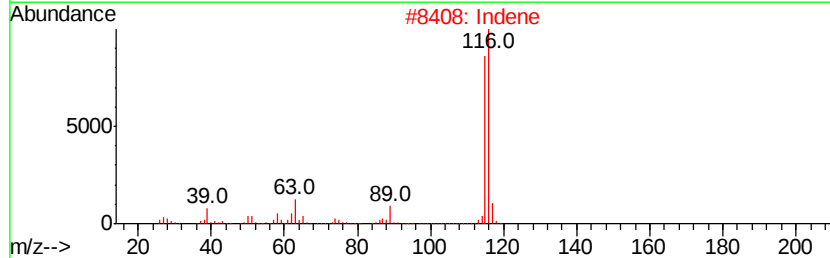
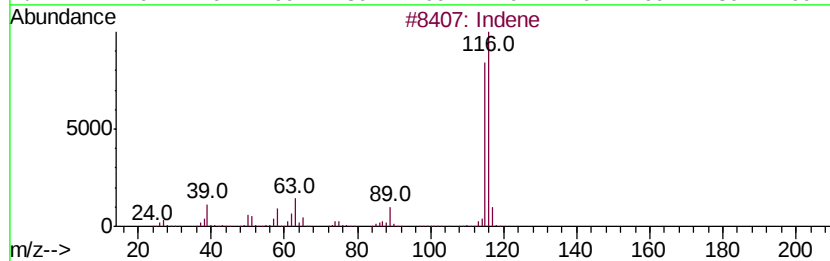
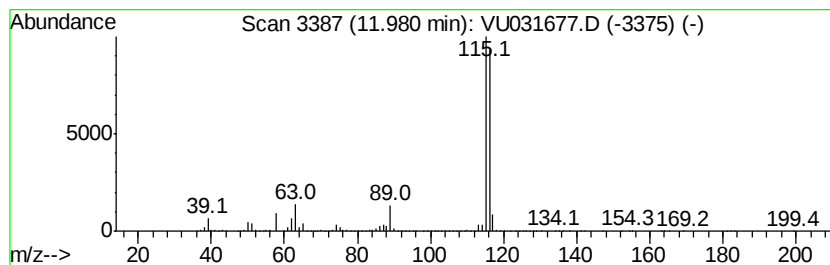
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	523.04 ug/L	29563800	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	96
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	94
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

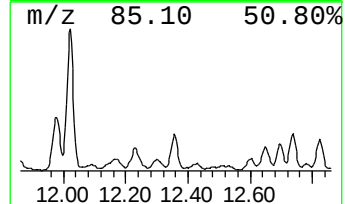
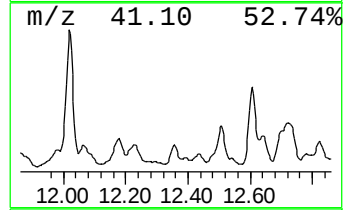
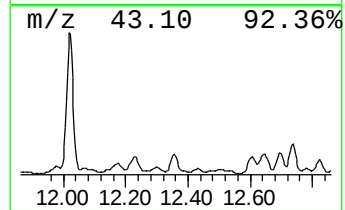
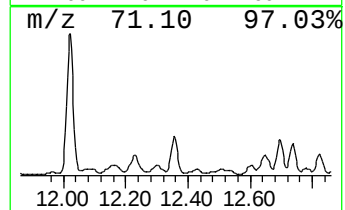
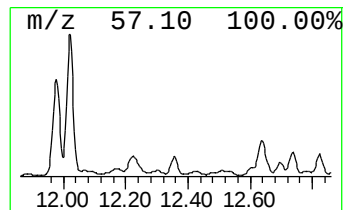
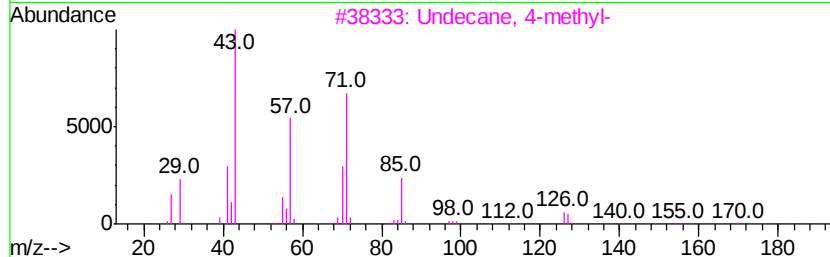
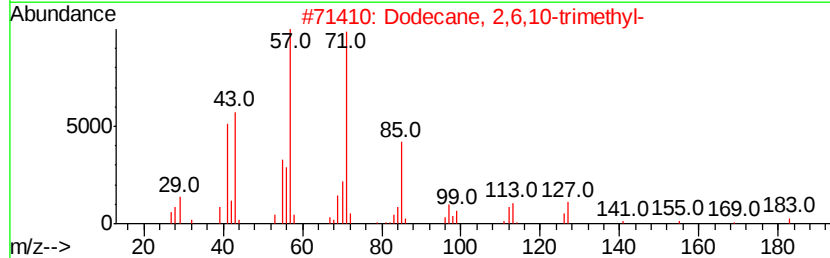
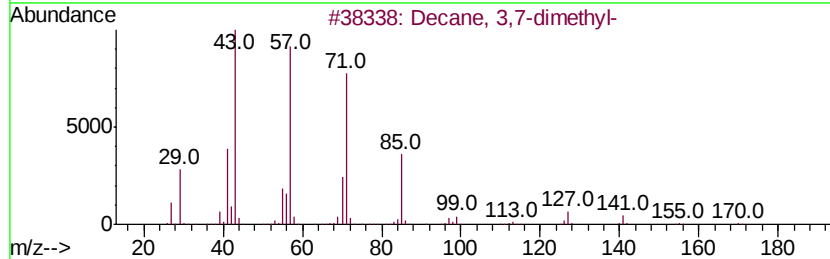
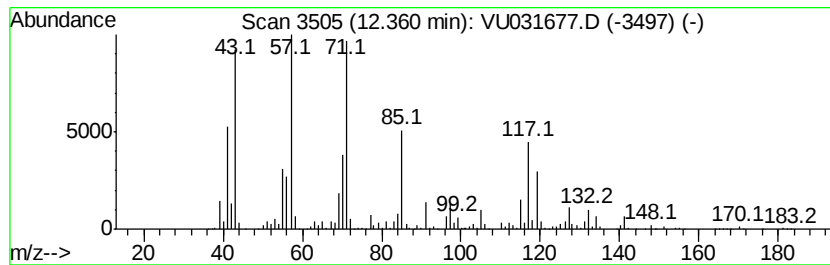
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	21.72 ug/L	1227820	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
3		Undecane, 4-methyl-	170	C12H26	002980-69-0	46
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

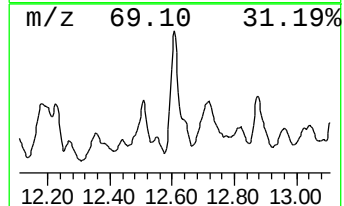
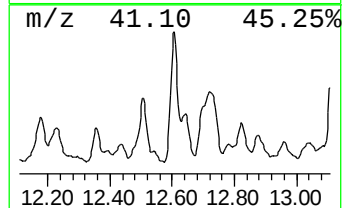
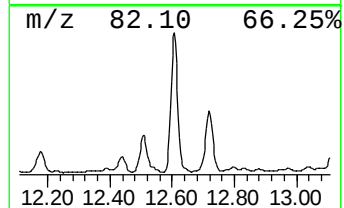
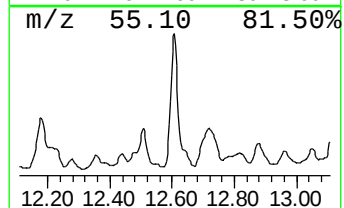
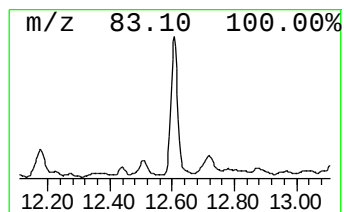
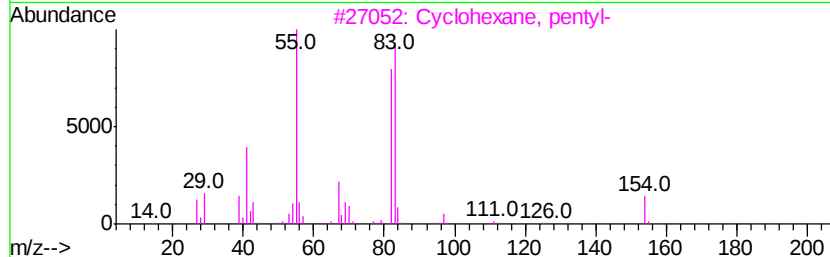
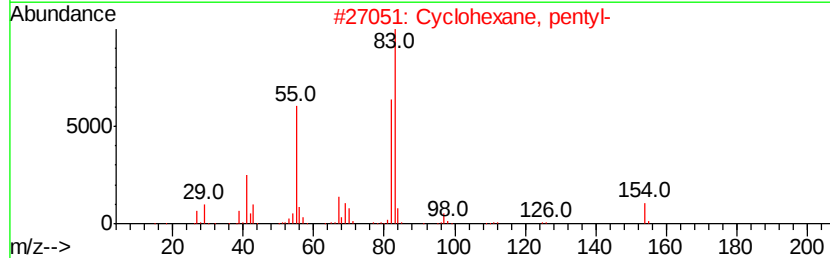
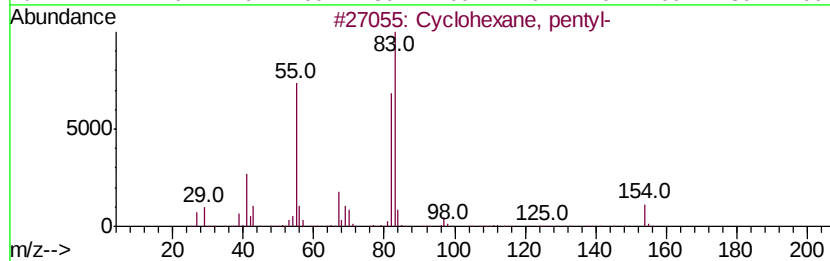
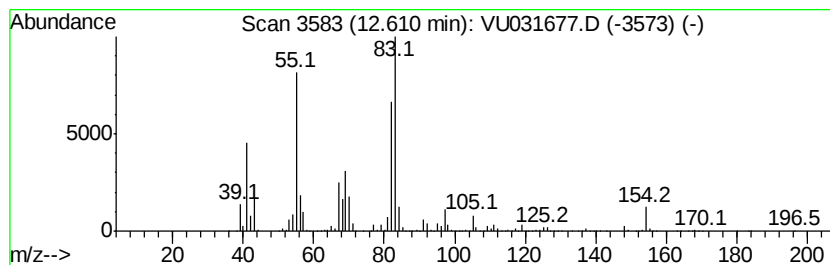
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic12.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	73.98 ug/L	4181660	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

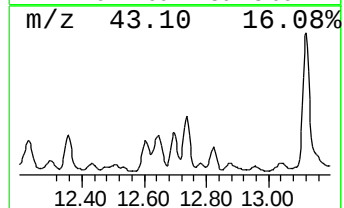
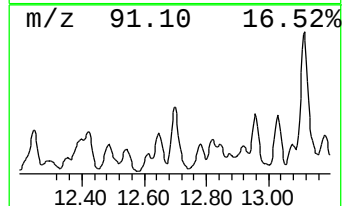
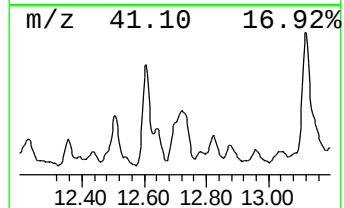
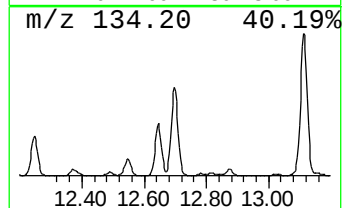
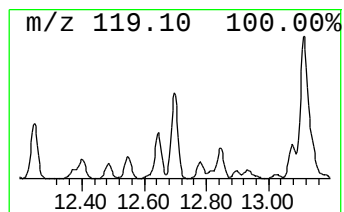
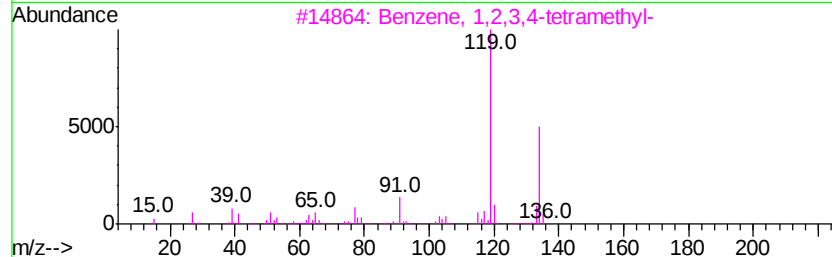
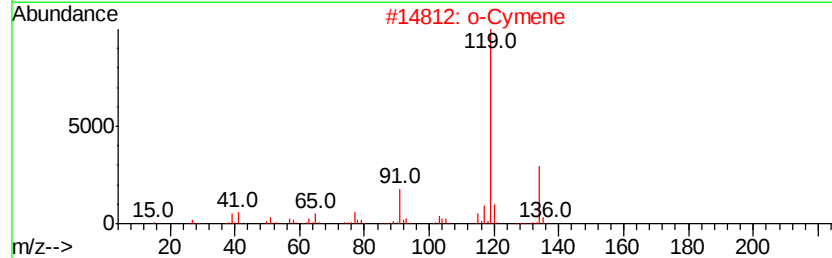
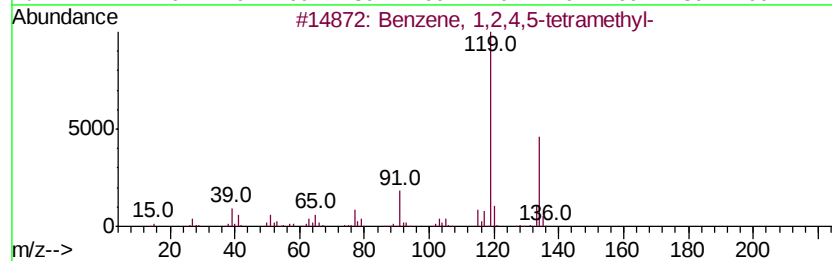
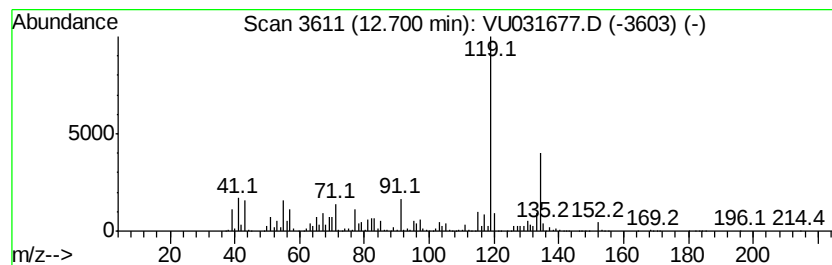
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	115.57 ug/L	6532290	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

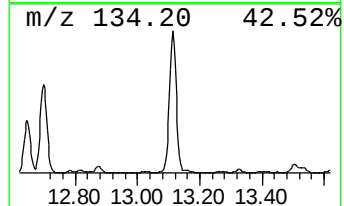
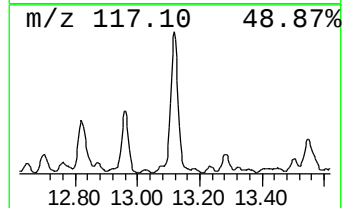
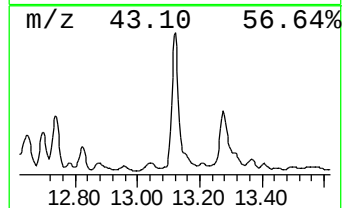
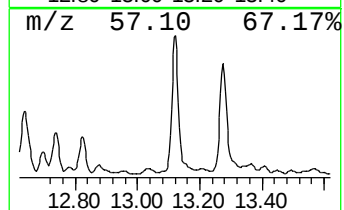
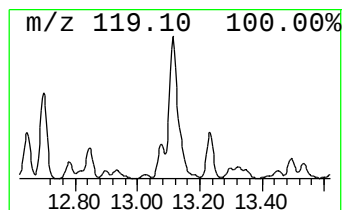
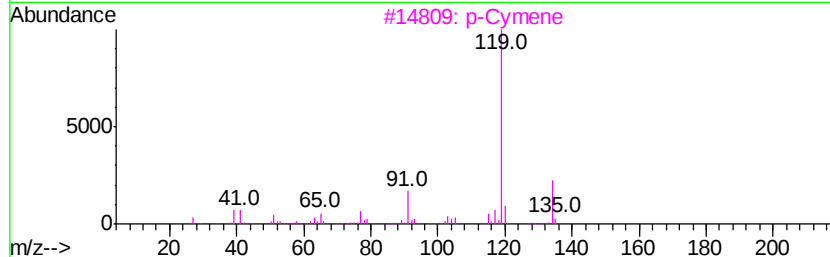
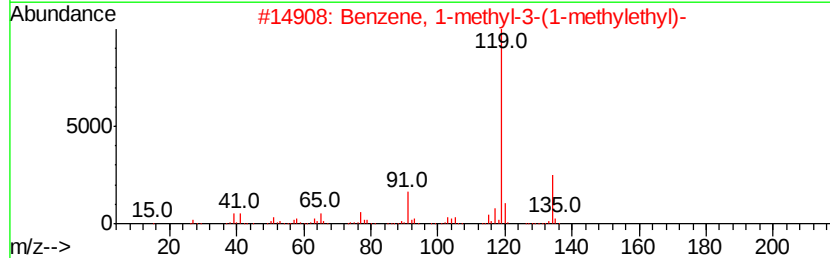
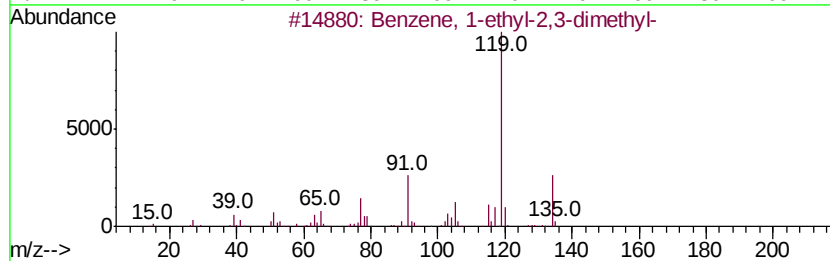
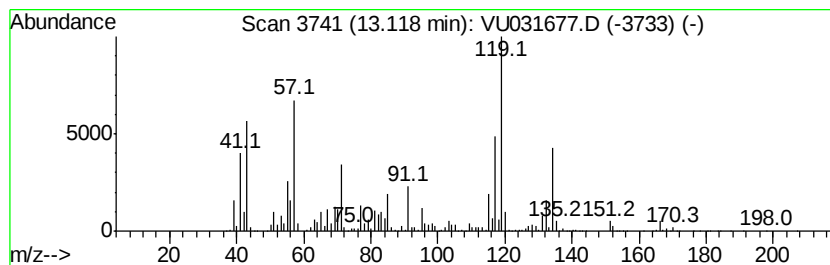
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	160.38 ug/L	9064940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	55
3		p-Cymene	134	C10H14	000099-87-6	55
4		p-Cymene	134	C10H14	000099-87-6	55
5		o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

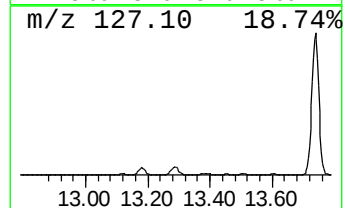
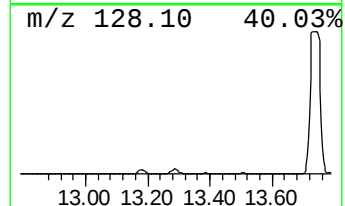
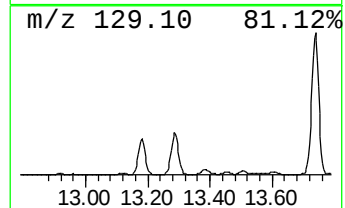
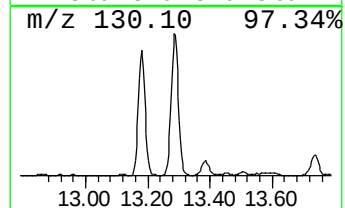
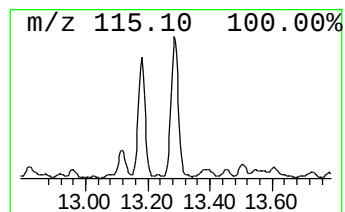
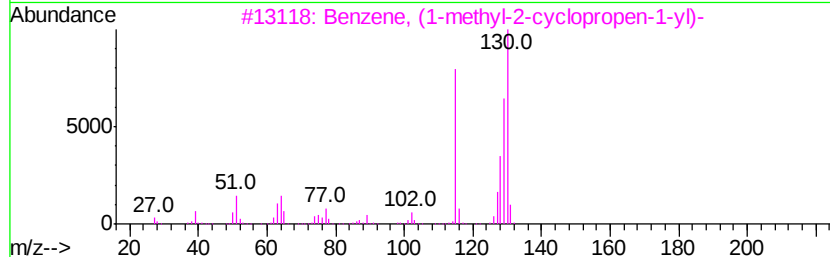
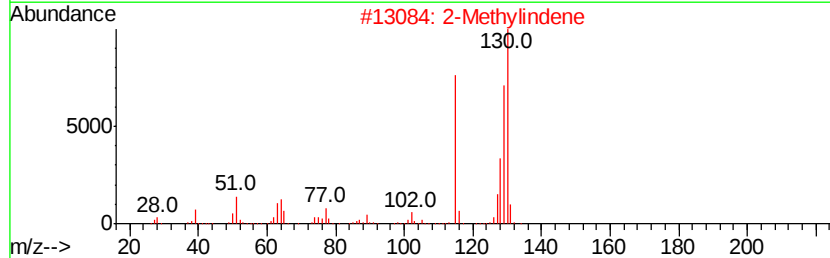
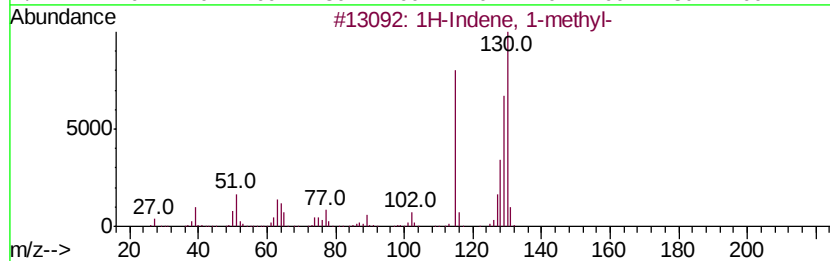
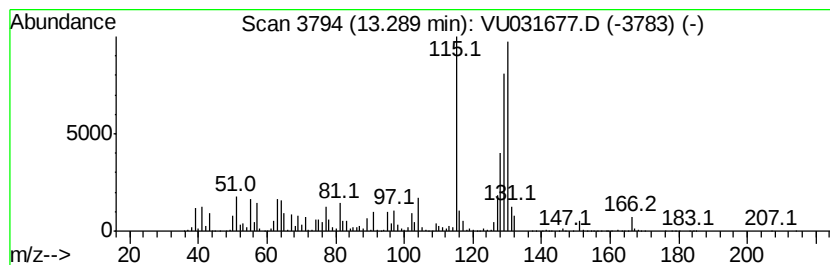
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 23 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	220.85 ug/L	12483100	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

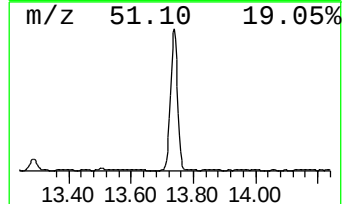
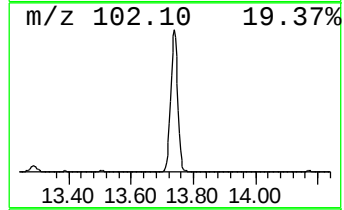
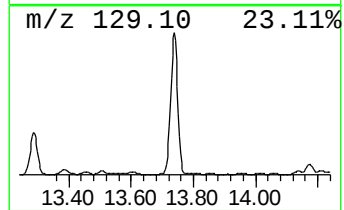
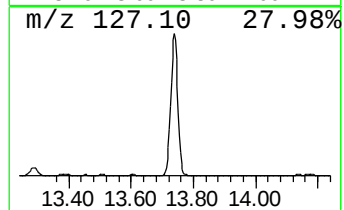
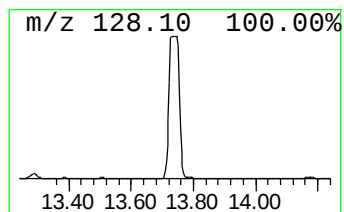
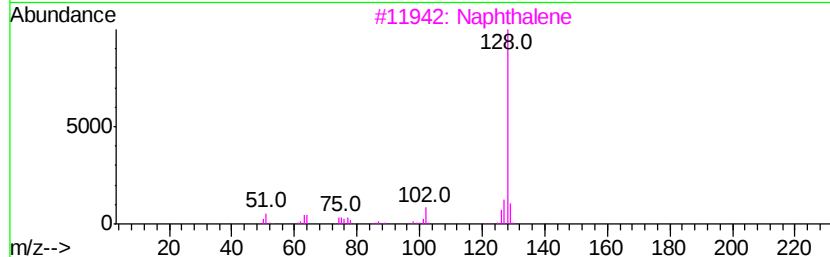
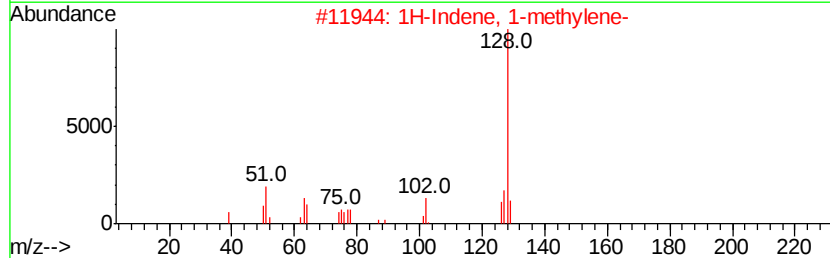
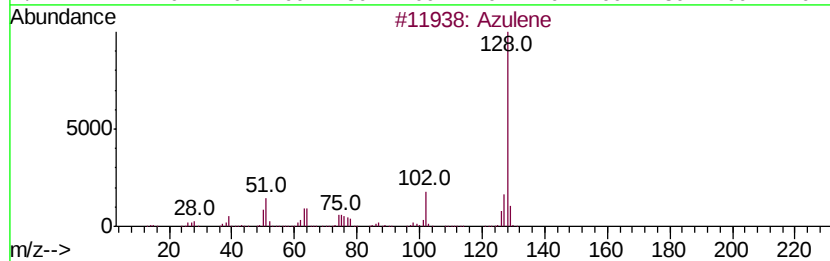
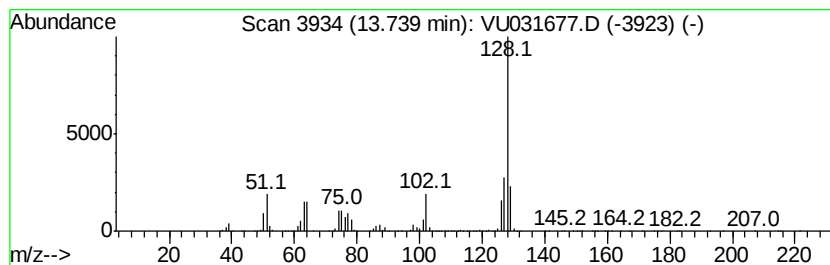
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 24 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	1004.00 ug/L	56749000	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene	128	C10H8	000275-51-4	93
2		1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
3		Naphthalene	128	C10H8	000091-20-3	87
4		Azulene	128	C10H8	000275-51-4	81
5		Azulene	128	C10H8	000275-51-4	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

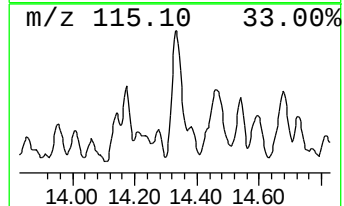
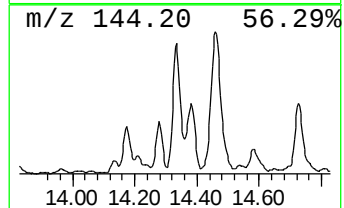
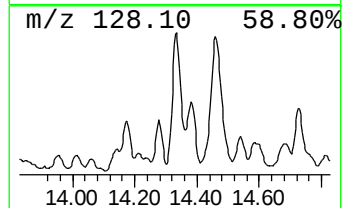
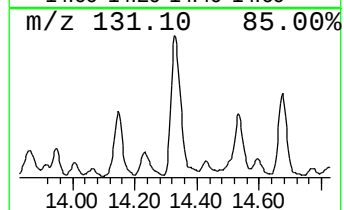
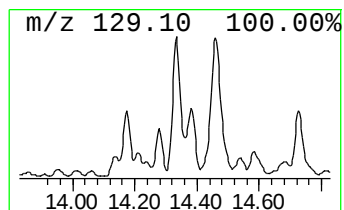
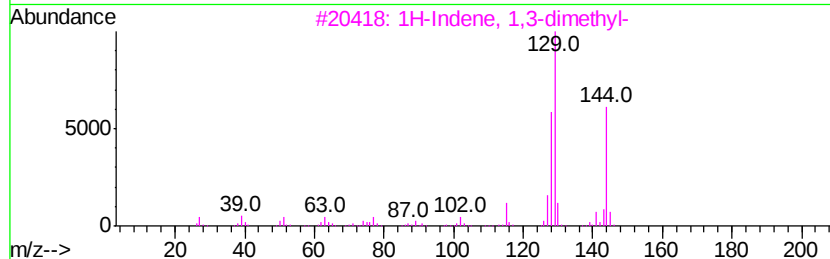
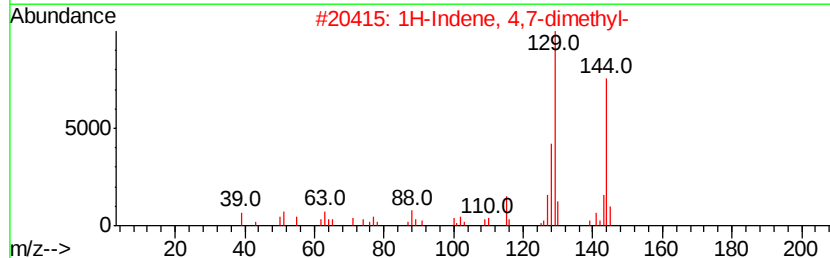
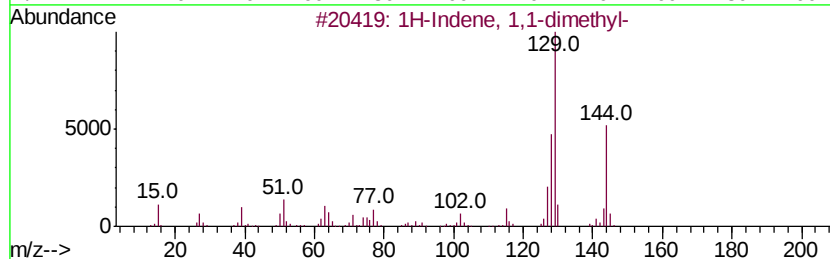
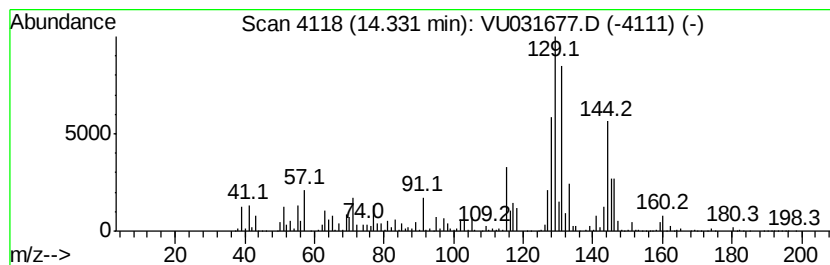
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 1H-Indene, 1,1-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	76.74 ug/L	4337570	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
2		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60
3		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	60
4		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	60
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

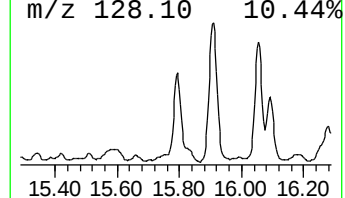
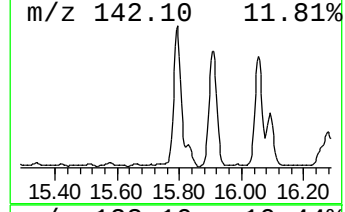
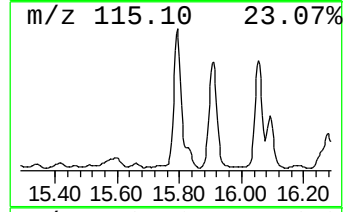
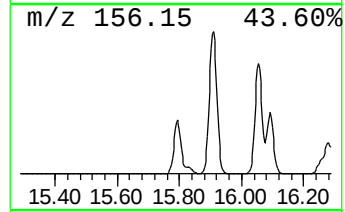
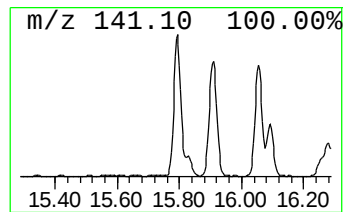
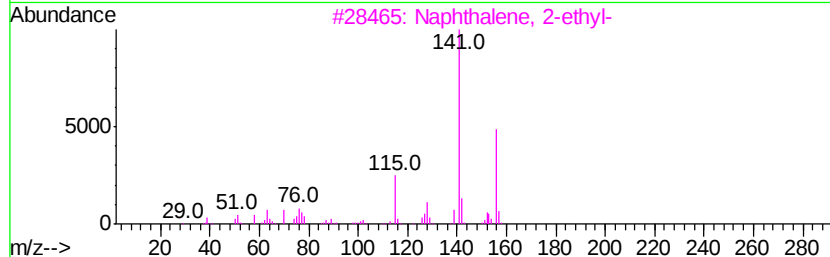
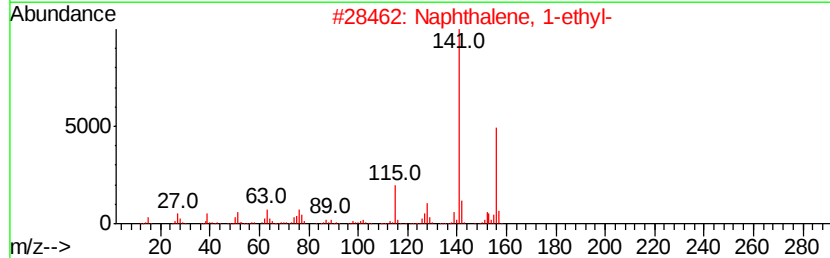
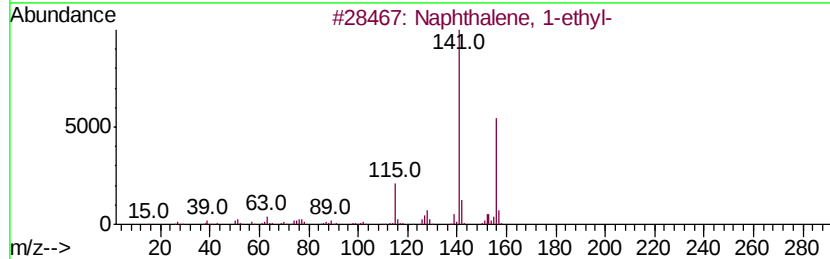
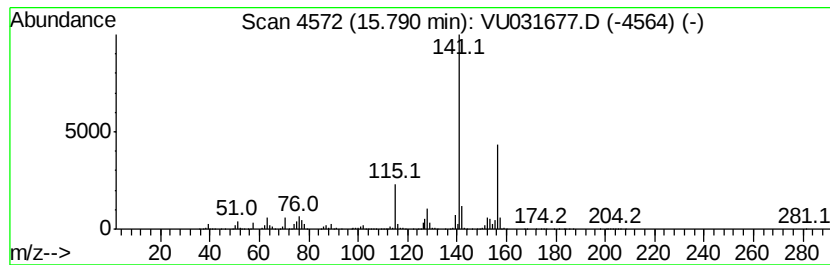
Instrument :
MSVOA_U
ClientSampleId :
GAJ86

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 28 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	188.02 ug/L	10627200	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
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 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

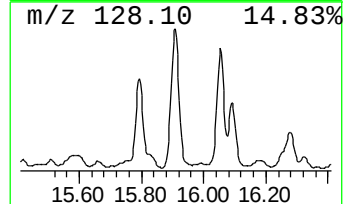
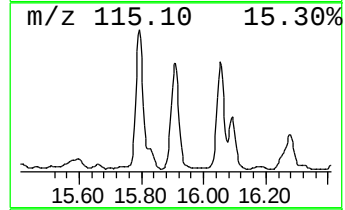
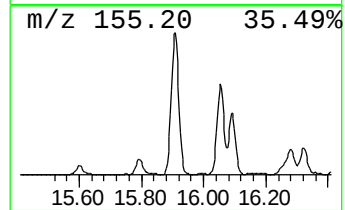
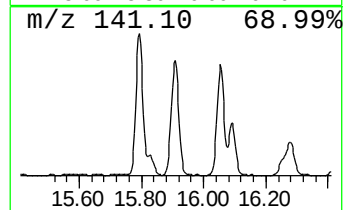
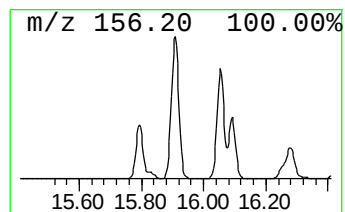
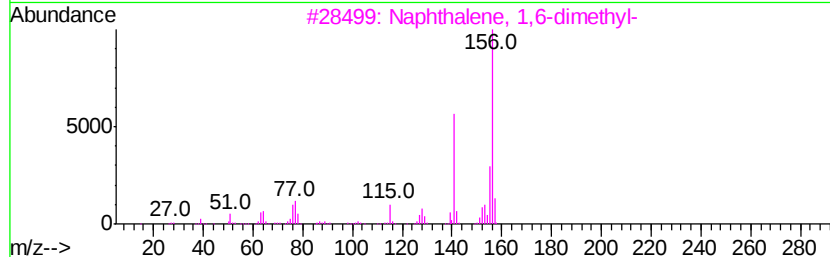
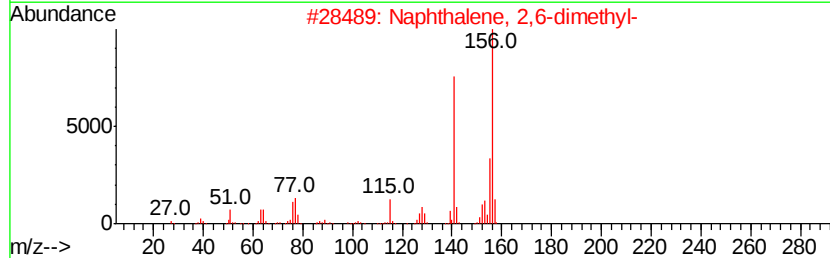
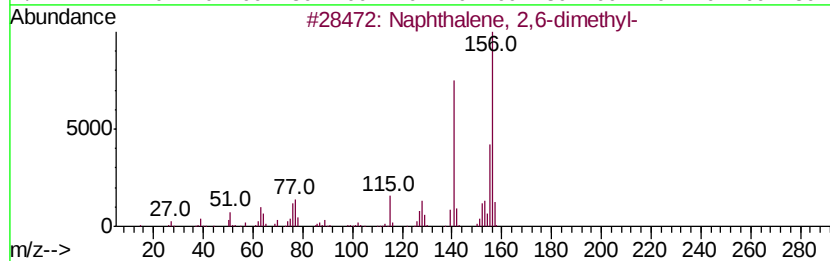
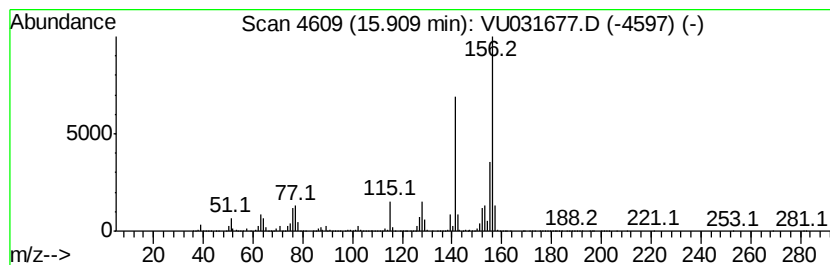
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 29 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	338.75 ug/L	19147200	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

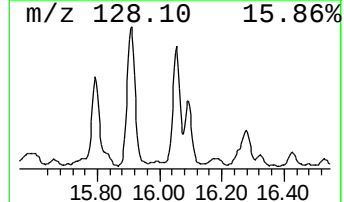
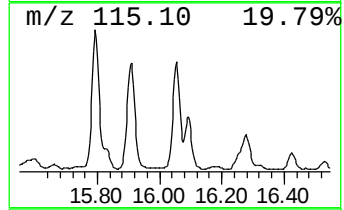
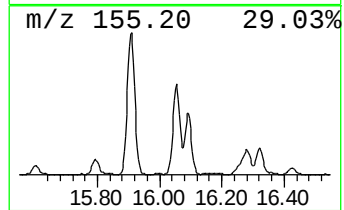
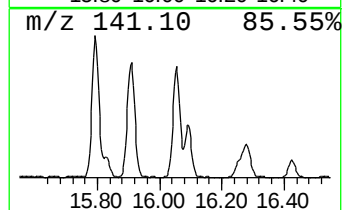
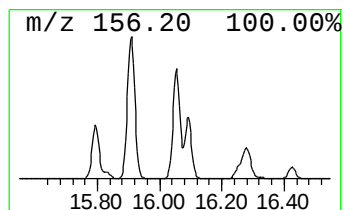
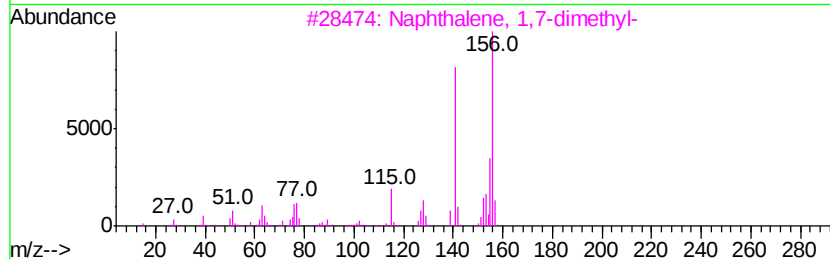
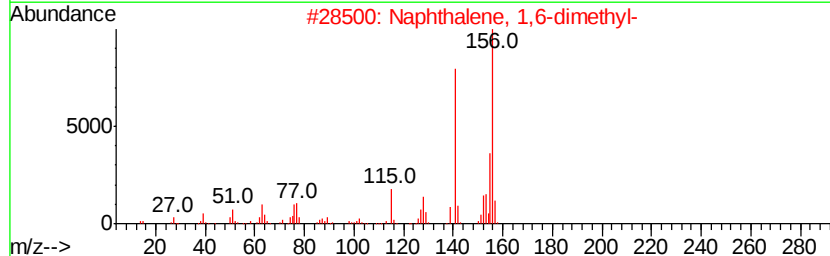
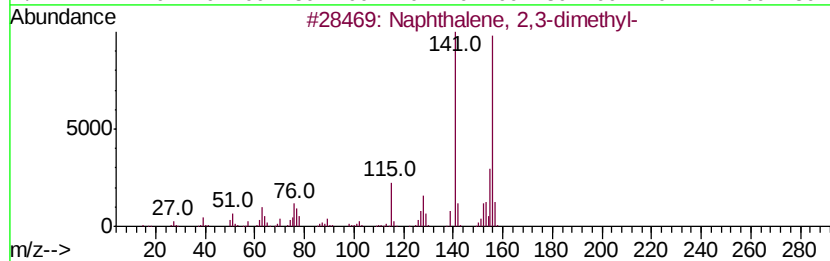
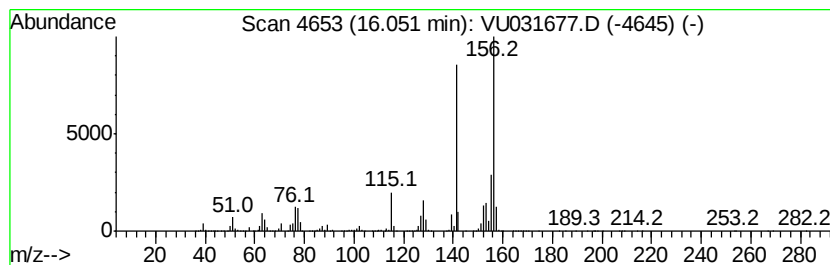
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	241.31 ug/L	13639800	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

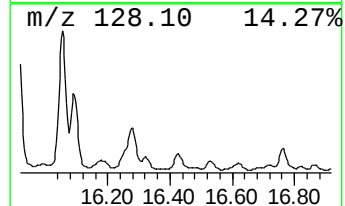
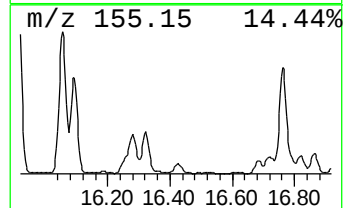
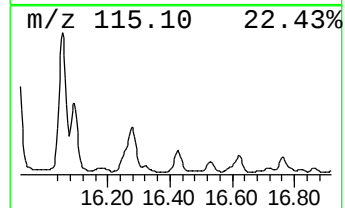
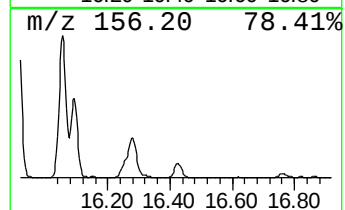
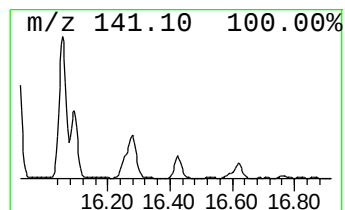
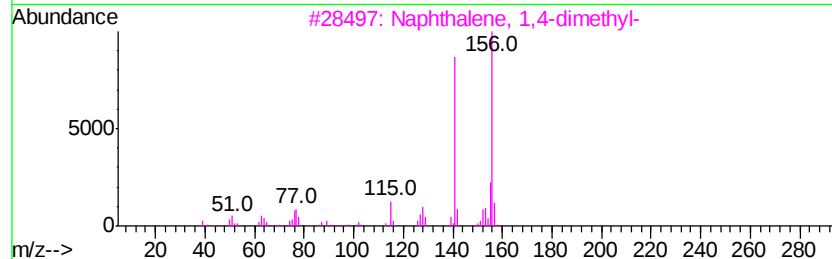
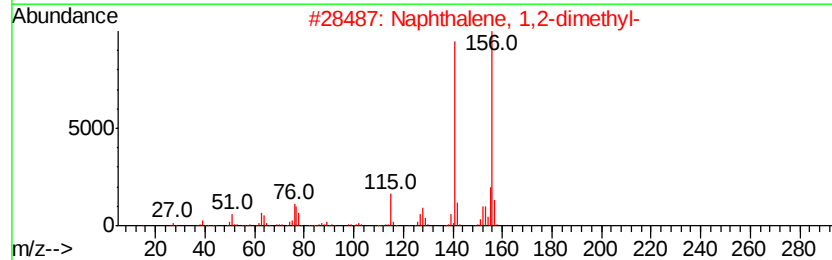
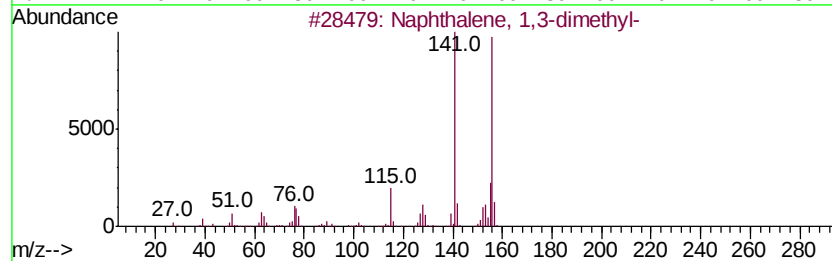
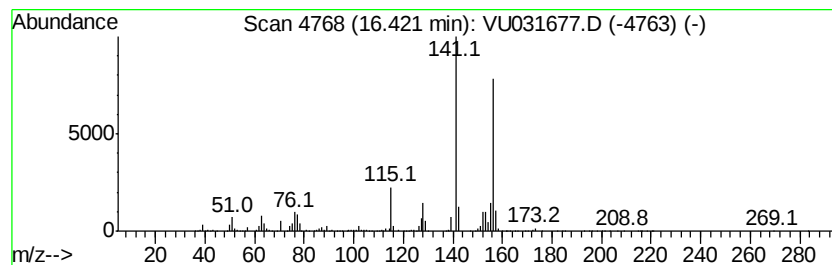
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 32 Naphthalene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	25.78 ug/L	1457200	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

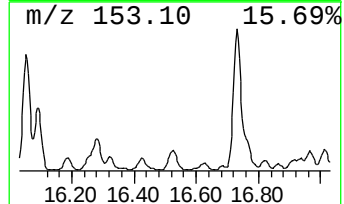
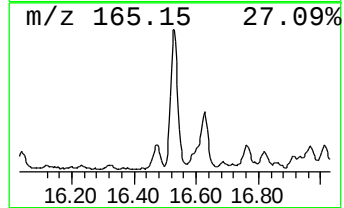
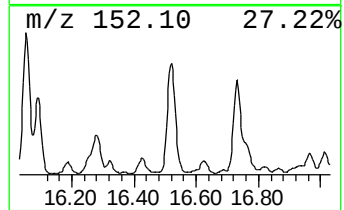
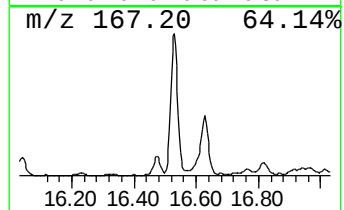
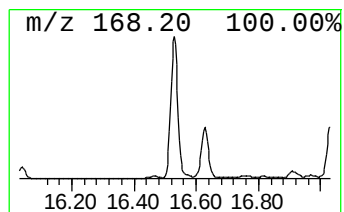
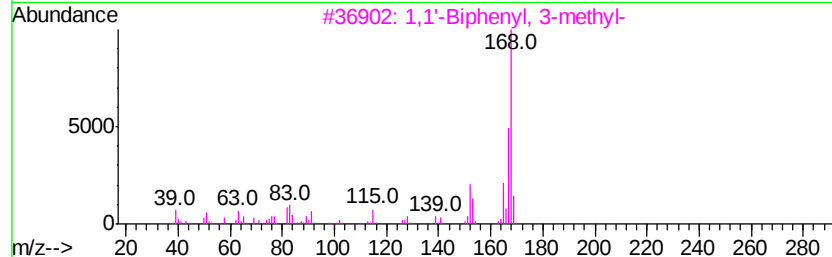
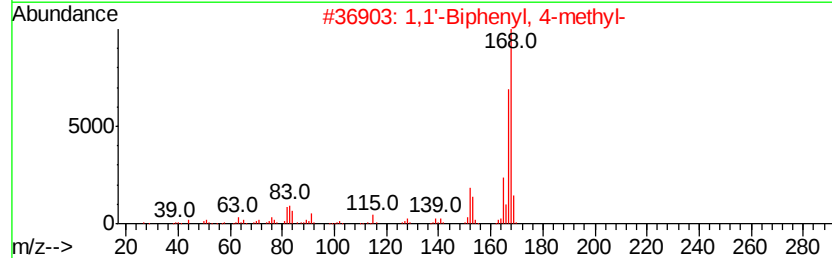
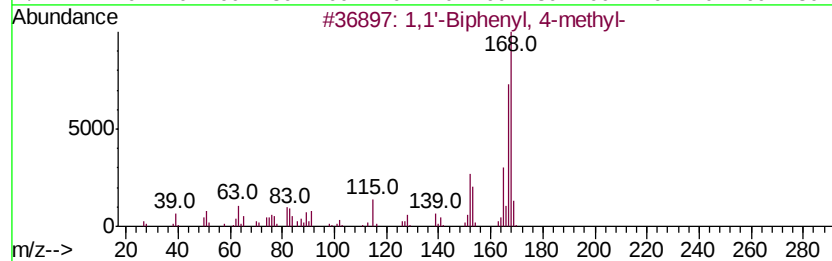
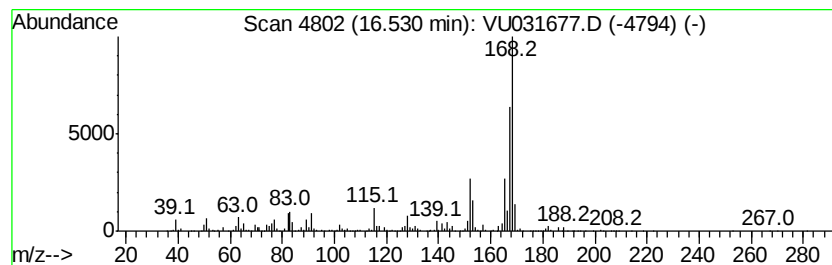
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 33 1,1'-Biphenyl, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	38.34 ug/L	2167160	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

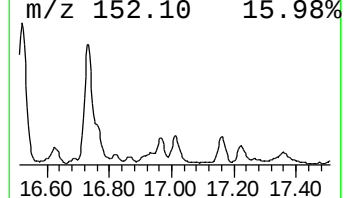
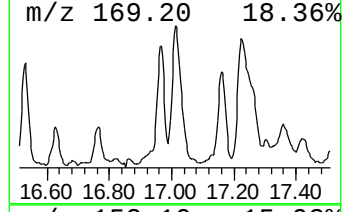
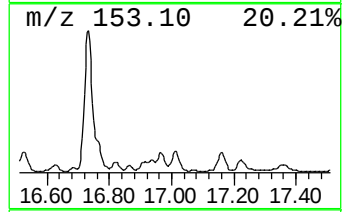
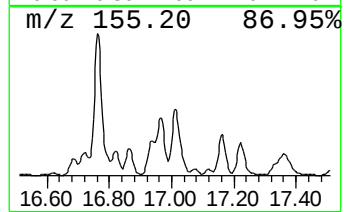
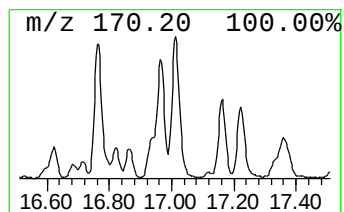
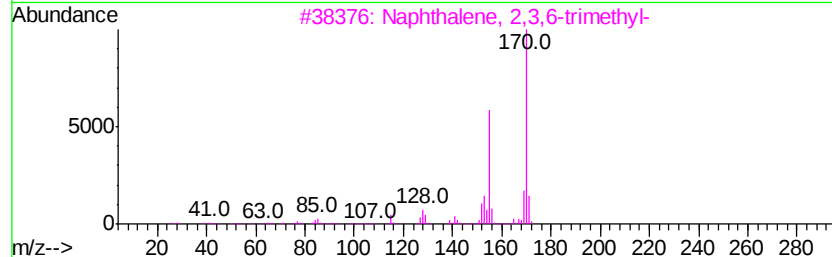
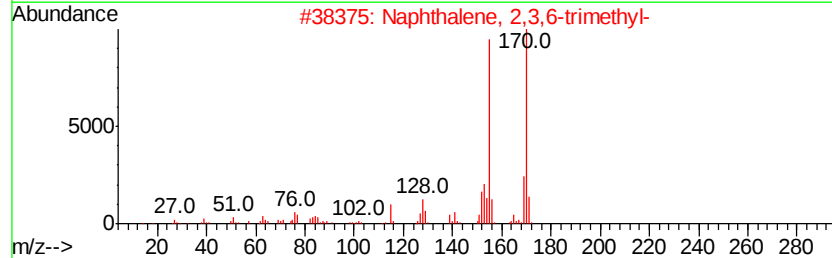
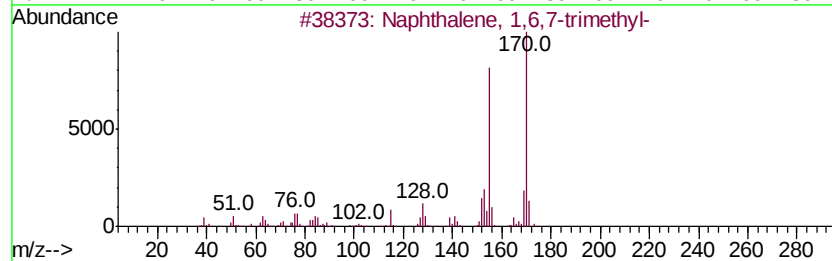
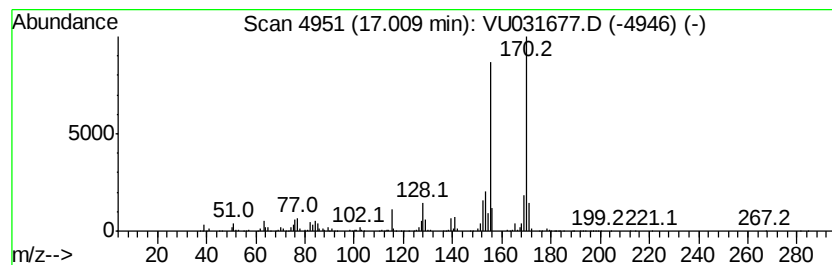
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	38.98 ug/L	2203200	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031677.D
Acq On : 01 May 2019 12:23
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

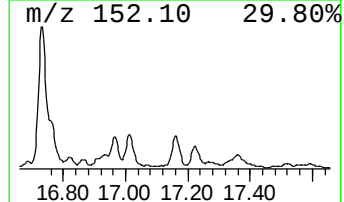
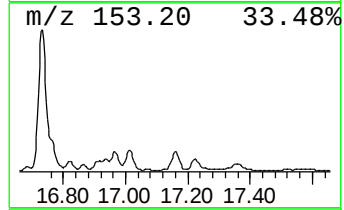
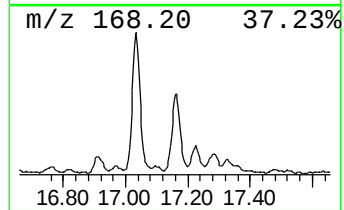
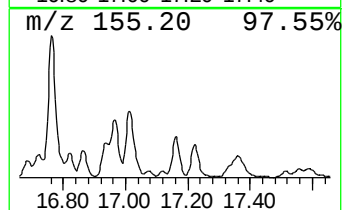
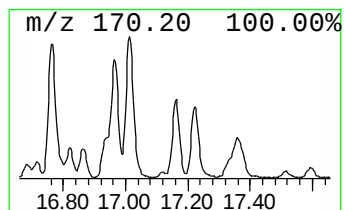
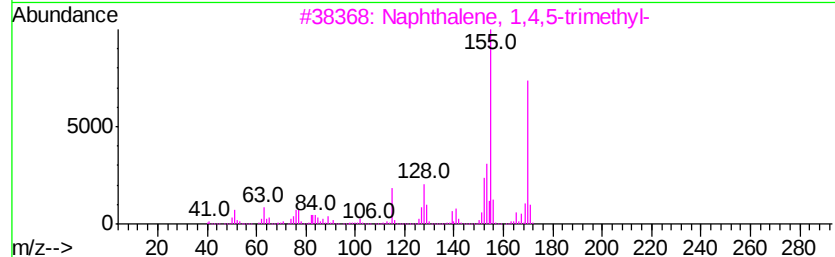
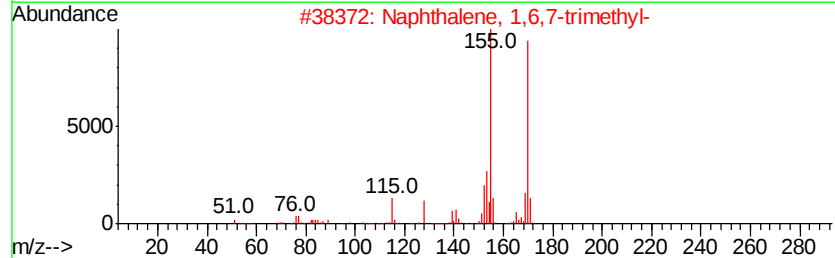
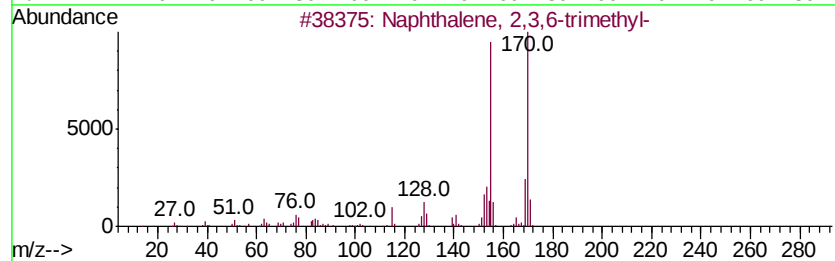
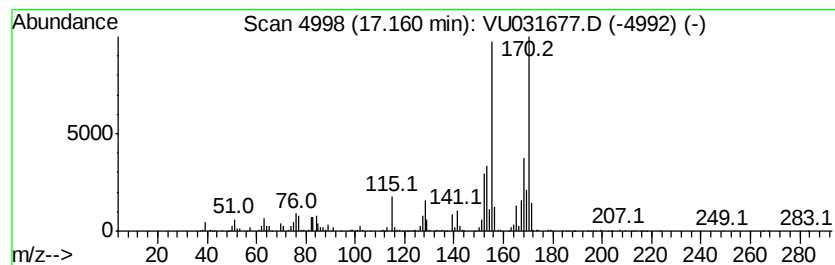
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 35 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	20.43 ug/L	1154780	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
 Data File : VU031677.D
 Acq On : 01 May 2019 12:23
 Operator : JC/SP
 Sample : K2604-12 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

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
(DEL) Alkane: Str...	9.44	7.2	ug/L	440675	2	9.09	3076930	50.0
(DEL) Alkane: Str...	9.95	3.8	ug/L	236281	2	9.09	3076930	50.0
(DEL) Alkane: Cyc...	10.04	2.6	ug/L	161230	2	9.09	3076930	50.0
Benzene, propyl-	10.58	7.5	ug/L	421027	3	11.48	2826160	50.0
Benzene, 1-ethyl-...	10.70	14.2	ug/L	804674	3	11.48	2826160	50.0
(DEL) Alkane: Str...	10.81	49.7	ug/L	2808940	3	11.48	2826160	50.0
(DEL) Alkane: Str...	11.11	17.6	ug/L	991773	3	11.48	2826160	50.0
Benzene, 1-etheny...	11.21	98.3	ug/L	5557100	3	11.48	2826160	50.0
(DEL) Alkane: Cyc...	11.40	24.5	ug/L	1385660	3	11.48	2826160	50.0
(DEL) Alkane: Str...	11.70	15.1	ug/L	852543	3	11.48	2826160	50.0
Indane	11.76	34.2	ug/L	1935370	3	11.48	2826160	50.0
Indene	11.98	523.0	ug/L	29563800	3	11.48	2826160	50.0
(DEL) Alkane: Str...	12.36	21.7	ug/L	1227820	3	11.48	2826160	50.0
(DEL) Alkane: Cyc...	12.61	74.0	ug/L	4181660	3	11.48	2826160	50.0
Benzene, 1,2,4,5-...	12.70	115.6	ug/L	6532290	3	11.48	2826160	50.0
Benzene, 1-ethyl-...	13.12	160.4	ug/L	9064940	3	11.48	2826160	50.0
1H-Indene, 1-methyl-	13.29	220.8	ug/L	12483100	3	11.48	2826160	50.0
Azulene	13.74	1004.0	ug/L	56749000	3	11.48	2826160	50.0
1H-Indene, 1,1-di...	14.33	76.7	ug/L	4337570	3	11.48	2826160	50.0
Naphthalene, 1-et...	15.79	188.0	ug/L	10627200	3	11.48	2826160	50.0
Naphthalene, 2,6-...	15.91	338.8	ug/L	19147200	3	11.48	2826160	50.0
Naphthalene, 2,3-...	16.05	241.3	ug/L	13639800	3	11.48	2826160	50.0
Naphthalene, 1,3-...	16.42	25.8	ug/L	1457200	3	11.48	2826160	50.0
1,1'-Biphenyl, 4-...	16.53	38.3	ug/L	2167160	3	11.48	2826160	50.0
Naphthalene, 1,6,...	17.01	39.0	ug/L	2203200	3	11.48	2826160	50.0
Naphthalene, 2,3,...	17.16	20.4	ug/L	1154780	3	11.48	2826160	50.0