

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027516.D
 Acq On : 08 Oct 2018 21:53
 Operator : MD/SY
 Sample : J5298-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W9

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\SOMULM100518WMA.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	1.398	65	70	79	rBV	79582	83042	12.69%	1.448%
2	1.681	153	158	173	rVB	66219	84187	12.87%	1.468%
3	2.273	332	342	354	rBV	125136	189227	28.93%	3.299%
4	3.019	571	574	577	rBV2	249	205	0.03%	0.004%
5	3.077	588	592	600	rVB3	292	376	0.06%	0.007%
6	3.138	607	611	614	rVB2	175	116	0.02%	0.002%
7	3.205	629	632	637	rBV2	166	158	0.02%	0.003%
8	3.250	642	646	648	rBV2	159	142	0.02%	0.002%
9	3.267	648	651	655	rVB	170	122	0.02%	0.002%
10	3.289	655	658	663	rBV2	196	190	0.03%	0.003%
11	3.421	696	699	702	rBV	121	86	0.01%	0.001%
12	3.582	747	749	753	rVB	142	57	0.01%	0.001%
13	3.736	794	797	800	rBV	118	92	0.01%	0.002%
14	3.874	837	840	844	rBV	122	95	0.01%	0.002%
15	3.926	854	856	859	rVB	106	54	0.01%	0.001%
16	4.025	884	887	892	rBV	128	141	0.02%	0.002%
17	4.099	908	910	912	rVB	138	56	0.01%	0.001%
18	4.180	918	935	967	rBV	76867	209514	32.03%	3.652%
19	4.447	1016	1018	1020	rBV2	180	84	0.01%	0.001%
20	4.527	1041	1043	1048	rVB	192	151	0.02%	0.003%
21	4.562	1052	1054	1056	rBV	163	95	0.01%	0.002%
22	4.649	1065	1081	1107	rBV	110484	261027	39.90%	4.550%
23	4.839	1138	1140	1143	rVB	149	71	0.01%	0.001%
24	4.884	1147	1154	1158	rBV2	507	654	0.10%	0.011%
25	5.000	1184	1190	1193	rVB	207	126	0.02%	0.002%
26	5.025	1193	1198	1201	rBV	105	85	0.01%	0.001%
27	5.257	1266	1270	1273	rBV2	193	144	0.02%	0.003%
28	5.344	1273	1297	1336	rVV2	214233	654170	100.00%	11.403%
29	5.556	1358	1363	1371	rVB2	218	241	0.04%	0.004%
30	5.601	1371	1377	1382	rBV	141	152	0.02%	0.003%
31	5.649	1389	1392	1394	rBV	93	60	0.01%	0.001%
32	5.681	1400	1402	1406	rBV	141	75	0.01%	0.001%
33	5.762	1425	1427	1431	rBV	140	76	0.01%	0.001%
34	5.797	1431	1438	1440	rBV2	278	316	0.05%	0.006%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027516.D
 Acq On : 08 Oct 2018 21:53
 Operator : MD/SY
 Sample : J5298-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W9

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\SOMULM100518WMA.M
 Title : VOC Analysis

35	5.887	1452	1466	1499	rBV	228443	454908	69.54%	7.930%
36	6.083	1523	1527	1528	rBV	214	123	0.02%	0.002%
37	6.154	1546	1549	1553	rVV	96	106	0.02%	0.002%
38	6.173	1553	1555	1559	rVB2	257	164	0.03%	0.003%
39	6.202	1559	1564	1569	rBV	94	119	0.02%	0.002%
40	6.260	1578	1582	1584	rBV	99	78	0.01%	0.001%
41	6.279	1586	1588	1591	rVV	172	90	0.01%	0.002%
42	6.334	1591	1605	1636	rVV	155618	318139	48.63%	5.546%
43	6.582	1679	1682	1683	rBV	133	54	0.01%	0.001%
44	6.591	1683	1685	1688	rVB	152	64	0.01%	0.001%
45	6.662	1699	1707	1711	rVB2	220	275	0.04%	0.005%
46	6.700	1715	1719	1722	rBV	118	88	0.01%	0.002%
47	6.829	1751	1759	1766	rBV4	652	1302	0.20%	0.023%
48	6.861	1766	1769	1771	rBV2	415	282	0.04%	0.005%
49	7.231	1872	1884	1905	rBV	80394	145266	22.21%	2.532%
50	7.366	1923	1926	1928	rBV	80	57	0.01%	0.001%
51	7.392	1932	1934	1936	rVV	156	63	0.01%	0.001%
52	7.427	1942	1945	1947	rVV	113	71	0.01%	0.001%
53	7.440	1947	1949	1952	rVB	159	67	0.01%	0.001%
54	7.469	1955	1958	1961	rBV	190	136	0.02%	0.002%
55	7.508	1967	1970	1972	rBV2	181	103	0.02%	0.002%
56	7.569	1976	1989	2001	rBV	259681	458887	70.15%	7.999%
57	7.639	2003	2011	2028	rVB	124107	214081	32.73%	3.732%
58	7.852	2066	2077	2100	rVV	58738	100749	15.40%	1.756%
59	8.067	2141	2144	2145	rBV	169	81	0.01%	0.001%
60	8.186	2168	2181	2187	rBV3	2388	5323	0.81%	0.093%
61	8.311	2210	2220	2252	rVB	247649	427012	65.28%	7.444%
62	8.636	2318	2321	2323	rBV	157	76	0.01%	0.001%
63	8.649	2323	2325	2329	rVB	171	89	0.01%	0.002%
64	8.688	2335	2337	2339	rVB	142	56	0.01%	0.001%
65	8.768	2358	2362	2363	rBV	115	82	0.01%	0.001%
66	8.848	2385	2387	2388	rBV	148	62	0.01%	0.001%
67	8.929	2409	2412	2415	rBV	133	110	0.02%	0.002%
68	8.993	2430	2432	2435	rBV	143	104	0.02%	0.002%
69	9.089	2450	2462	2489	rBV	324683	539299	82.44%	9.401%
70	9.260	2507	2515	2525	rBV5	1346	2387	0.36%	0.042%
71	9.379	2542	2552	2563	rVV3	14053	22630	3.46%	0.394%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027516.D
 Acq On : 08 Oct 2018 21:53
 Operator : MD/SY
 Sample : J5298-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W9

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\SOMULM100518WMA.M
 Title : VOC Analysis

72	9.456	2567	2576	2583	rVB3	560	998	0.15%	0.017%
73	9.559	2605	2608	2610	rBV	144	92	0.01%	0.002%
74	9.620	2623	2627	2631	rBV	558	577	0.09%	0.010%
75	9.781	2669	2677	2689	rVB2	9748	15509	2.37%	0.270%
76	9.900	2706	2714	2725	rVB2	7374	11010	1.68%	0.192%
77	9.967	2727	2735	2744	rVB3	2885	4611	0.70%	0.080%
78	10.141	2783	2789	2804	rVB5	3831	7291	1.11%	0.127%
79	10.273	2826	2830	2831	rBV	258	213	0.03%	0.004%
80	10.433	2868	2880	2901	rVB	217312	341129	52.15%	5.947%
81	10.614	2920	2936	2945	rBV8	7682	15552	2.38%	0.271%
82	10.777	2980	2987	2993	rBV3	590	867	0.13%	0.015%
83	10.977	3041	3049	3052	rBV2	3096	3928	0.60%	0.068%
84	11.041	3067	3069	3076	rBV2	189	211	0.03%	0.004%
85	11.112	3085	3091	3093	rBV2	255	299	0.05%	0.005%
86	11.150	3095	3103	3114	rVV2	10116	14717	2.25%	0.257%
87	11.215	3114	3123	3135	rVB3	10744	16096	2.46%	0.281%
88	11.276	3135	3142	3152	rBV5	4567	6965	1.06%	0.121%
89	11.485	3196	3207	3224	rVB	302241	479497	73.30%	8.359%
90	11.765	3279	3294	3305	rBV3	19503	36201	5.53%	0.631%
91	11.861	3313	3324	3344	rVB	274799	434794	66.46%	7.579%
92	11.980	3352	3361	3368	rBV4	21470	32925	5.03%	0.574%
93	12.121	3398	3405	3414	rBV6	2419	3912	0.60%	0.068%
94	12.289	3452	3457	3463	rBV3	3730	4655	0.71%	0.081%
95	12.353	3472	3477	3480	rBV2	3503	3619	0.55%	0.063%
96	12.697	3572	3584	3590	rBV6	25706	56075	8.57%	0.977%
97	12.935	3651	3658	3662	rBV5	1900	2912	0.45%	0.051%
98	13.292	3761	3769	3780	rVB5	15990	26614	4.07%	0.464%
99	13.456	3813	3820	3823	rBV7	4856	6380	0.98%	0.111%
100	13.742	3899	3909	3915	rBV2	16186	30960	4.73%	0.540%

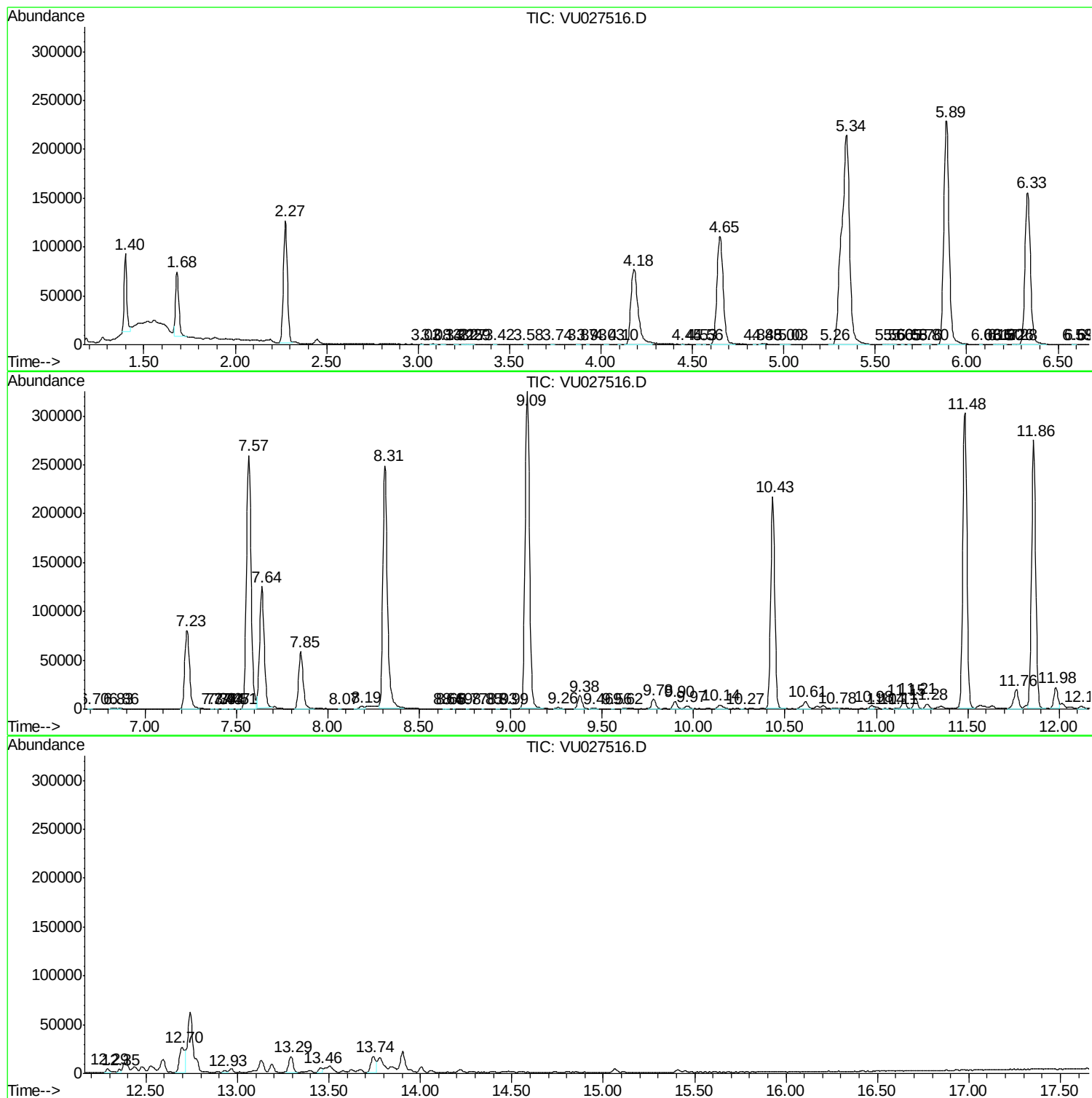
Sum of corrected areas: 5736579

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

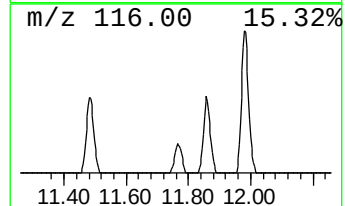
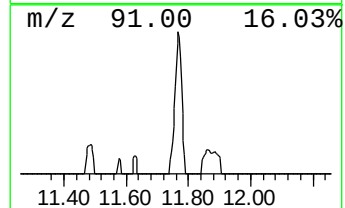
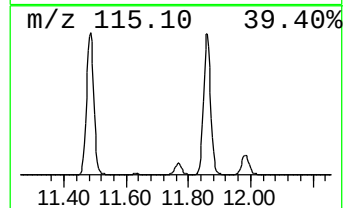
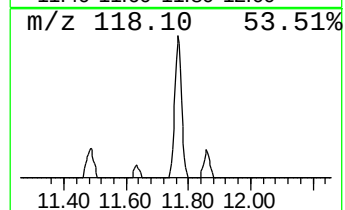
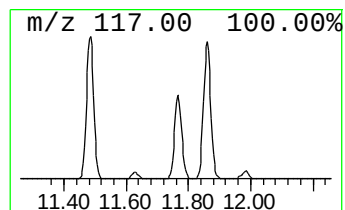
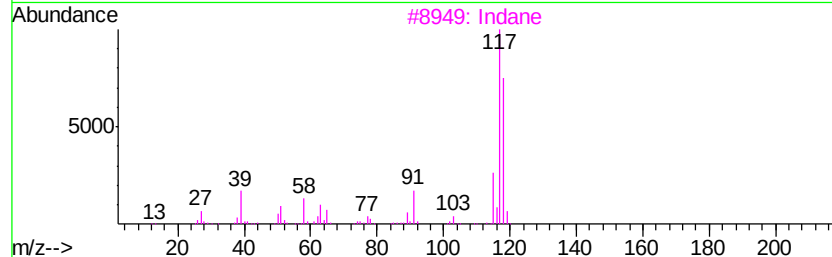
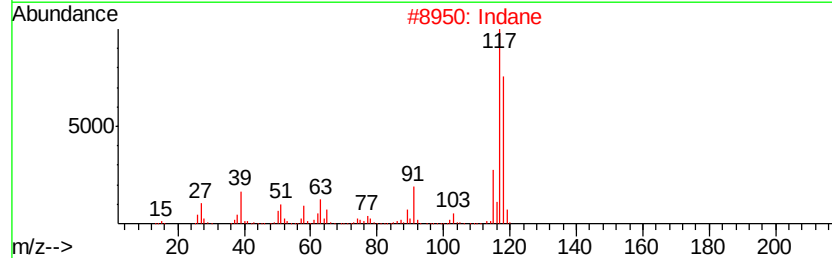
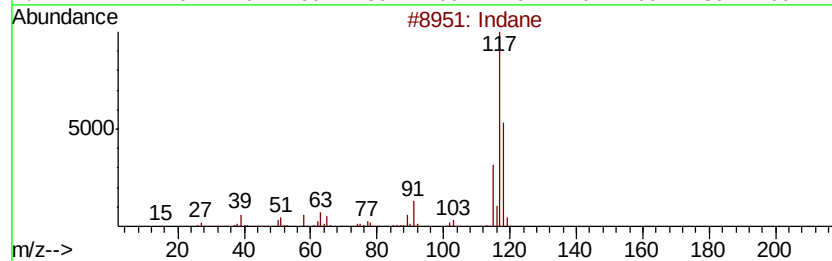
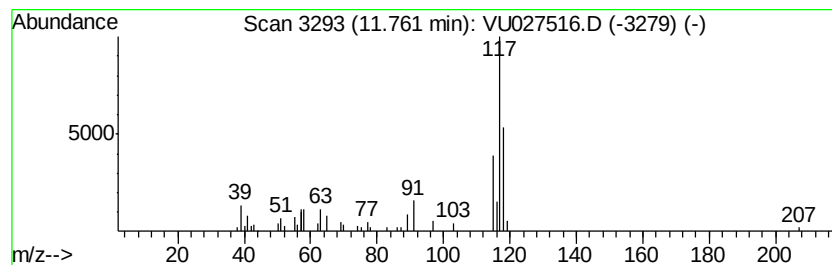
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.77 ug/L	36201	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	81
2	Indane		118	C9H10	000496-11-7	76
3	Indane		118	C9H10	000496-11-7	76
4	Indane		118	C9H10	000496-11-7	68
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

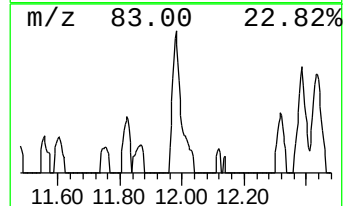
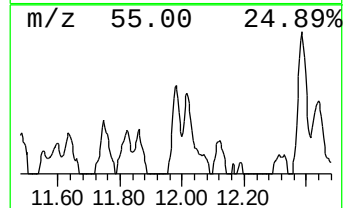
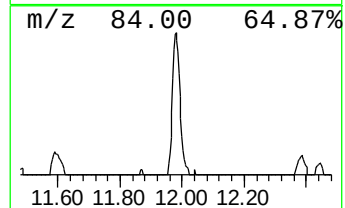
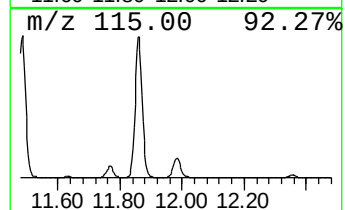
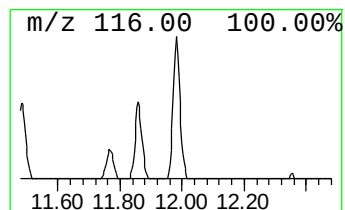
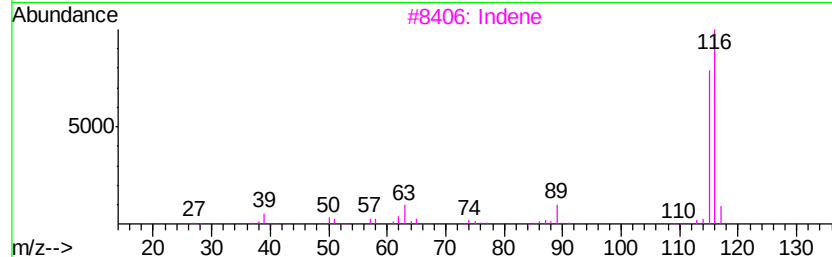
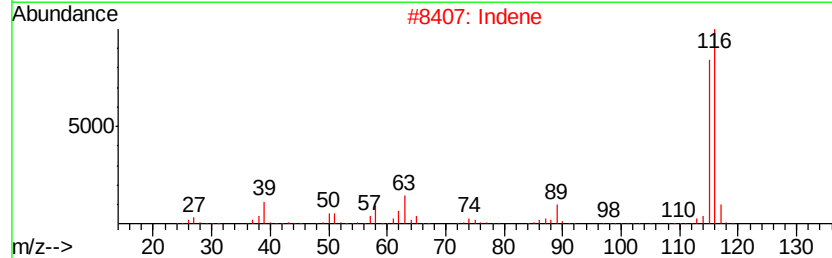
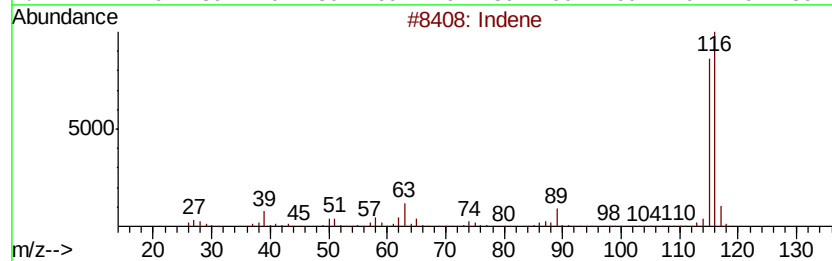
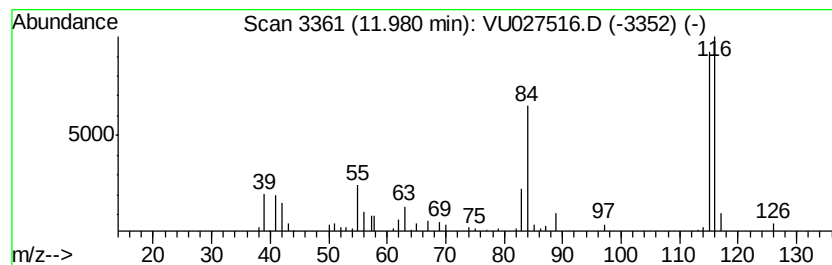
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.43 ug/L	32925	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	93
2	Indene		116	C9H8	000095-13-6	92
3	Indene		116	C9H8	000095-13-6	70
4	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	62
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

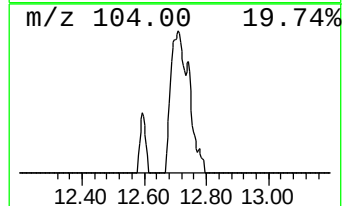
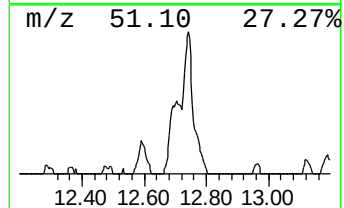
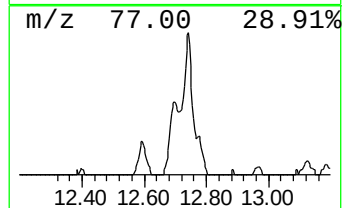
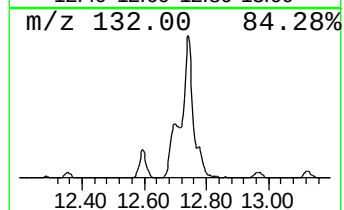
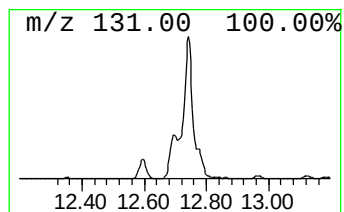
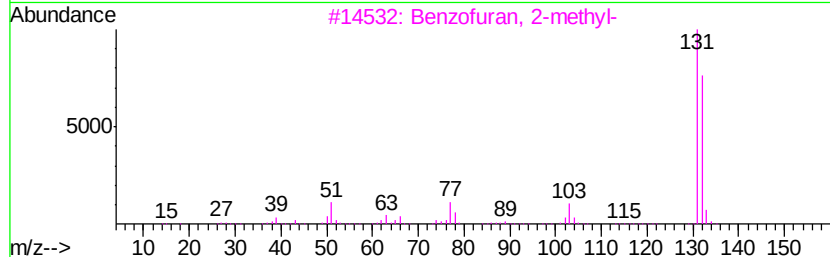
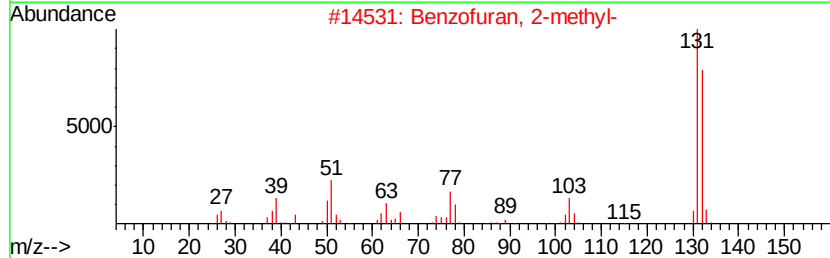
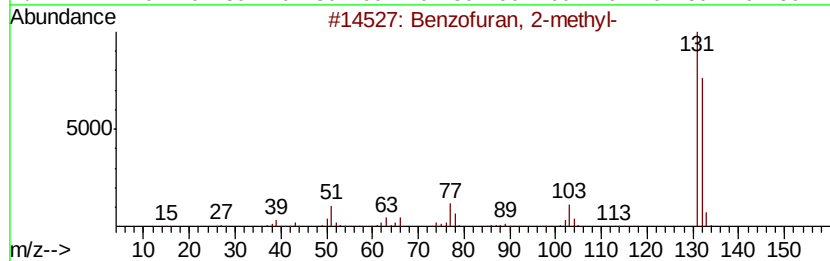
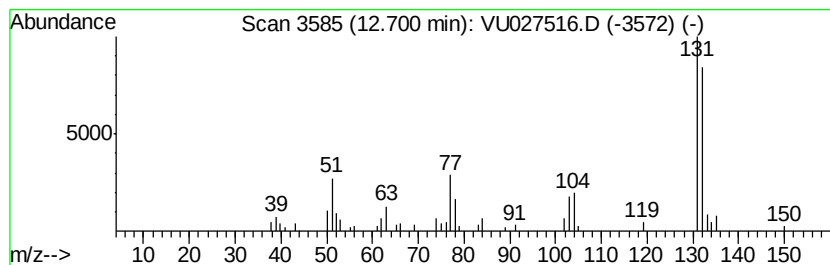
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.85 ug/L	56075	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

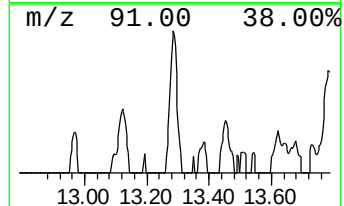
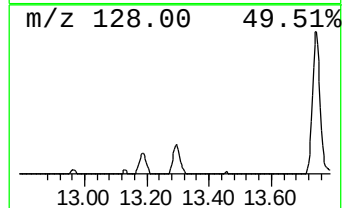
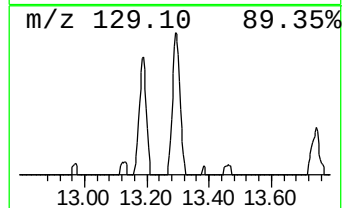
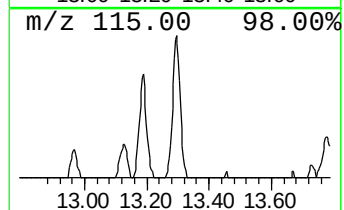
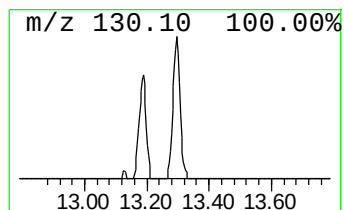
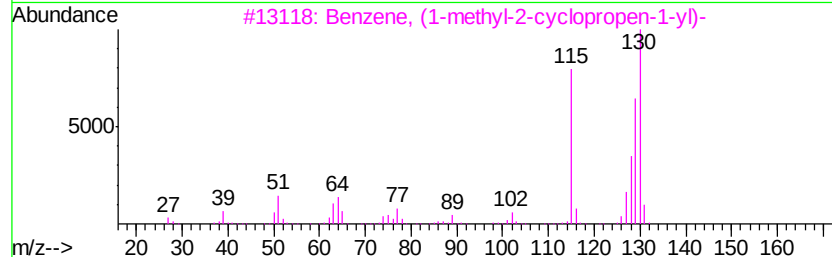
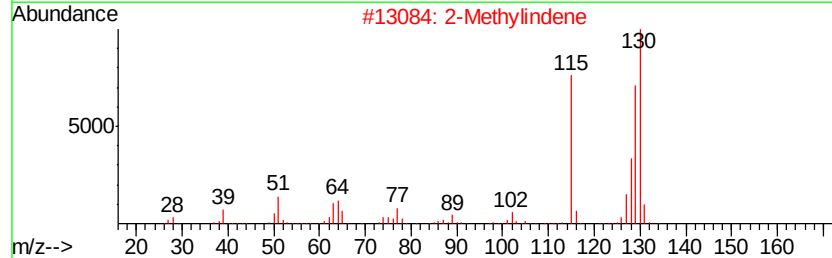
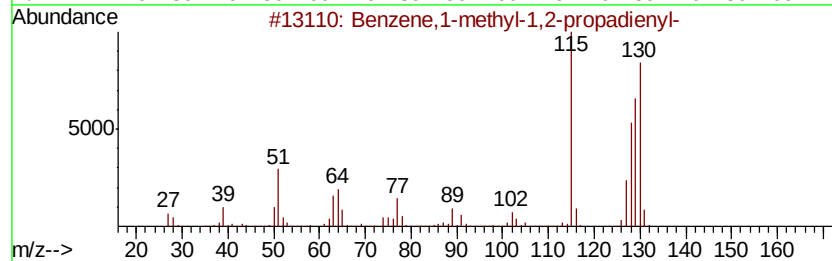
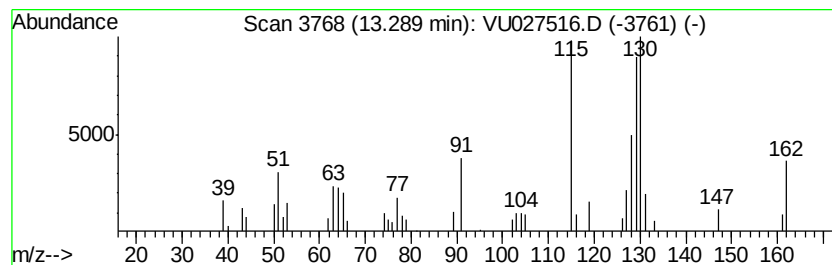
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene,1-methyl-1,2-propad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.78 ug/L	26614	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	97
2		2-Methylindene	130	C10H10	002177-47-1	94
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

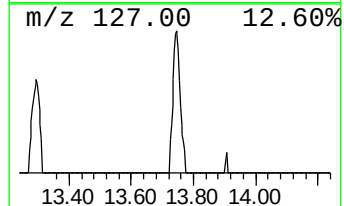
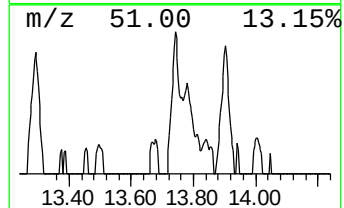
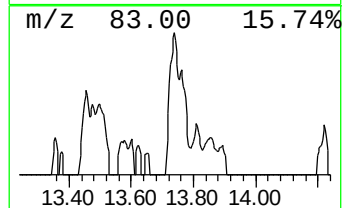
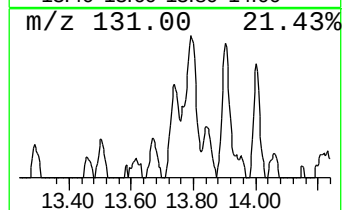
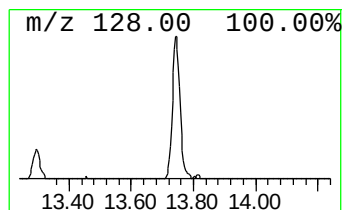
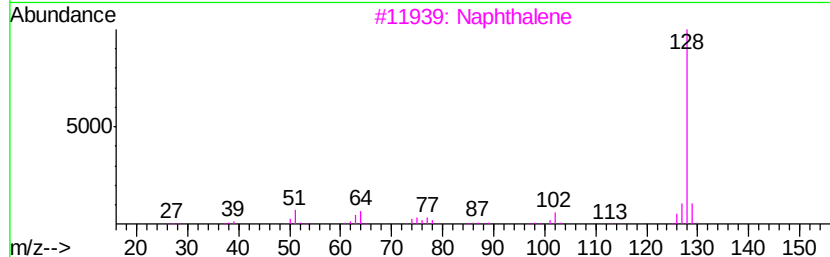
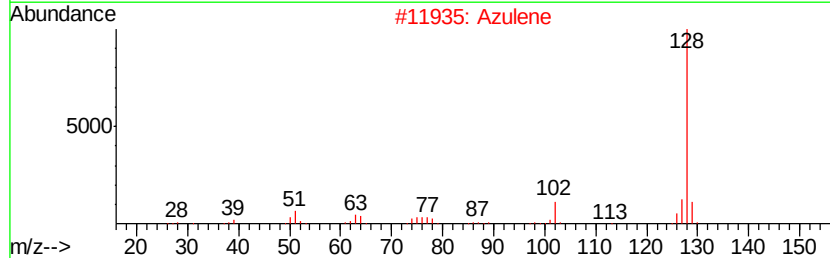
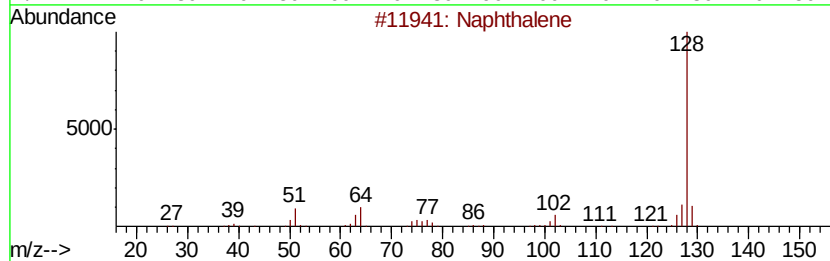
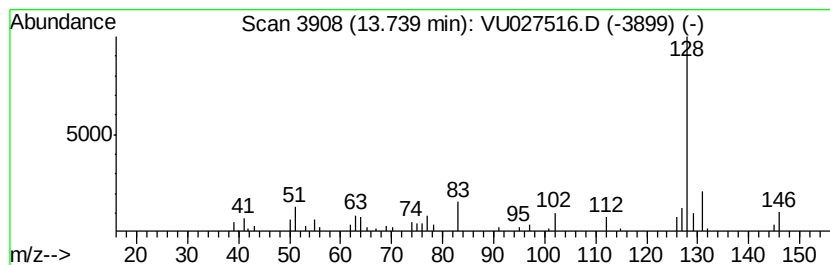
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.23 ug/L	30960	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene	128	C10H8	000091-20-3	94
2		Azulene	128	C10H8	000275-51-4	90
3		Naphthalene	128	C10H8	000091-20-3	90
4		Azulene	128	C10H8	000275-51-4	81
5		Naphthalene	128	C10H8	000091-20-3	81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\
Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.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
Indane	11.76	3.8	ug/L	36201	3	11.48	479497	50.0
Indene	11.98	3.4	ug/L	32925	3	11.48	479497	50.0
Benzofuran, 2-met...	12.70	5.8	ug/L	56075	3	11.48	479497	50.0
Benzene,1-methyl-...	13.29	2.8	ug/L	26614	3	11.48	479497	50.0
Azulene	13.74	3.2	ug/L	30960	3	11.48	479497	50.0