

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008749.D
 Acq On : 19 Feb 2019 17:26
 Operator : SY/VA
 Sample : K1349-09
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-A

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_W\METHOD\82W021319S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.227	43	53	55	rBV7	7153	21307	1.17%	0.137%
2	4.129	353	365	373	rBV	20010	54243	2.99%	0.348%
3	4.903	481	492	511	rBV2	42297	160452	8.84%	1.030%
4	5.117	514	527	538	rBV	20036	72519	4.00%	0.465%
5	5.934	650	661	673	rVB6	9661	30145	1.66%	0.193%
6	7.147	848	860	875	rBV2	158013	447737	24.68%	2.874%
7	7.878	969	980	985	rBV	262611	626768	34.55%	4.023%
8	7.939	985	990	1001	rVB	477528	1047661	57.75%	6.724%
9	8.250	1033	1041	1045	rBV	137796	356906	19.67%	2.291%
10	8.299	1045	1049	1061	rVB	263822	554695	30.58%	3.560%
11	8.835	1128	1137	1151	rBV	658519	1330739	73.35%	8.541%
12	10.122	1339	1348	1355	rVB3	27628	55157	3.04%	0.354%
13	10.323	1372	1381	1387	rBV	1015575	1814147	100.00%	11.644%
14	10.384	1387	1391	1398	rVB	309293	533456	29.41%	3.424%
15	10.701	1431	1443	1449	rBV	36737	74454	4.10%	0.478%
16	11.061	1498	1502	1508	rBV	15027	22942	1.26%	0.147%
17	11.439	1555	1564	1572	rVB	26392	54743	3.02%	0.351%
18	11.628	1587	1595	1605	rBV	880729	1468957	80.97%	9.428%
19	11.731	1605	1612	1617	rBV3	14801	29619	1.63%	0.190%
20	11.835	1621	1629	1640	rBV	61658	130017	7.17%	0.834%
21	12.164	1674	1683	1691	rBV2	36816	73697	4.06%	0.473%
22	12.615	1750	1757	1767	rVB2	734076	1240604	68.38%	7.963%
23	12.798	1780	1787	1792	rVB4	11713	29029	1.60%	0.186%
24	12.865	1792	1798	1802	rBV	42990	80860	4.46%	0.519%
25	12.938	1806	1810	1816	rVB4	57434	108410	5.98%	0.696%
26	13.103	1830	1837	1843	rBV	32970	64365	3.55%	0.413%
27	13.249	1856	1861	1866	rVV	79472	127379	7.02%	0.818%
28	13.444	1888	1893	1897	rVV3	23262	41054	2.26%	0.264%
29	13.493	1897	1901	1905	rVV5	11556	21990	1.21%	0.141%
30	13.560	1905	1912	1921	rVV	819089	1355234	74.70%	8.698%
31	13.719	1934	1938	1940	rVV4	17855	25450	1.40%	0.163%
32	13.755	1940	1944	1947	rVV3	84278	139432	7.69%	0.895%
33	13.792	1947	1950	1959	rVB4	61416	133346	7.35%	0.856%
34	13.877	1959	1964	1970	rBV2	73815	120448	6.64%	0.773%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008749.D
 Acq On : 19 Feb 2019 17:26
 Operator : SY/VA
 Sample : K1349-09
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-A

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_W\METHOD\82W021319S.M
 Title : SW846 8260

35	13.950	1972	1976	1981	rVV	33941	56520	3.12%	0.363%
36	14.011	1981	1986	1989	rVV	37185	65632	3.62%	0.421%
37	14.042	1989	1991	1994	rVV	49322	66247	3.65%	0.425%
38	14.097	1994	2000	2005	rVB3	69430	143470	7.91%	0.921%
39	14.206	2013	2018	2023	rVB2	75557	121118	6.68%	0.777%
40	14.347	2035	2041	2044	rBV3	24668	43678	2.41%	0.280%
41	14.389	2044	2048	2051	rVV5	25842	39452	2.17%	0.253%
42	14.426	2051	2054	2057	rVV3	28456	40749	2.25%	0.262%
43	14.463	2057	2060	2063	rVB	47182	59378	3.27%	0.381%
44	14.505	2063	2067	2070	rBV3	34453	44170	2.43%	0.283%
45	14.548	2070	2074	2080	rVB5	25539	45358	2.50%	0.291%
46	14.645	2086	2090	2094	rVB2	29514	38626	2.13%	0.248%
47	14.694	2094	2098	2100	rBV	63252	99551	5.49%	0.639%
48	14.731	2101	2104	2109	rVB2	87107	132220	7.29%	0.849%
49	14.810	2109	2117	2122	rBV4	140827	334547	18.44%	2.147%
50	14.962	2136	2142	2149	rVB	87761	147053	8.11%	0.944%
51	15.029	2149	2153	2154	rBV3	16302	18787	1.04%	0.121%
52	15.066	2154	2159	2163	rVV5	53541	110723	6.10%	0.711%
53	15.109	2164	2166	2171	rVV	31355	45062	2.48%	0.289%
54	15.182	2171	2178	2184	rVB4	55965	132379	7.30%	0.850%
55	15.334	2198	2203	2204	rBV3	29152	42818	2.36%	0.275%
56	15.371	2204	2209	2214	rVB	94173	161440	8.90%	1.036%
57	15.426	2214	2218	2222	rBV	38519	57561	3.17%	0.369%
58	15.481	2222	2227	2229	rBV4	32510	54040	2.98%	0.347%
59	15.560	2237	2240	2250	rVB5	57859	105872	5.84%	0.680%
60	15.664	2250	2257	2264	rBV4	47470	117378	6.47%	0.753%
61	15.737	2266	2269	2275	rVV7	14490	24987	1.38%	0.160%
62	15.834	2278	2285	2286	rVV4	28552	59357	3.27%	0.381%
63	15.871	2286	2291	2299	rVB	91748	177151	9.76%	1.137%
64	15.950	2301	2304	2309	rBV6	10029	20731	1.14%	0.133%
65	16.029	2313	2317	2324	rVB5	20314	49438	2.73%	0.317%
66	16.182	2335	2342	2349	rBV5	42505	106871	5.89%	0.686%
67	16.383	2366	2375	2380	rBV4	42300	104792	5.78%	0.673%
68	16.450	2380	2386	2391	rBV	53153	105043	5.79%	0.674%
69	16.651	2412	2419	2433	rVB2	53425	160090	8.82%	1.028%

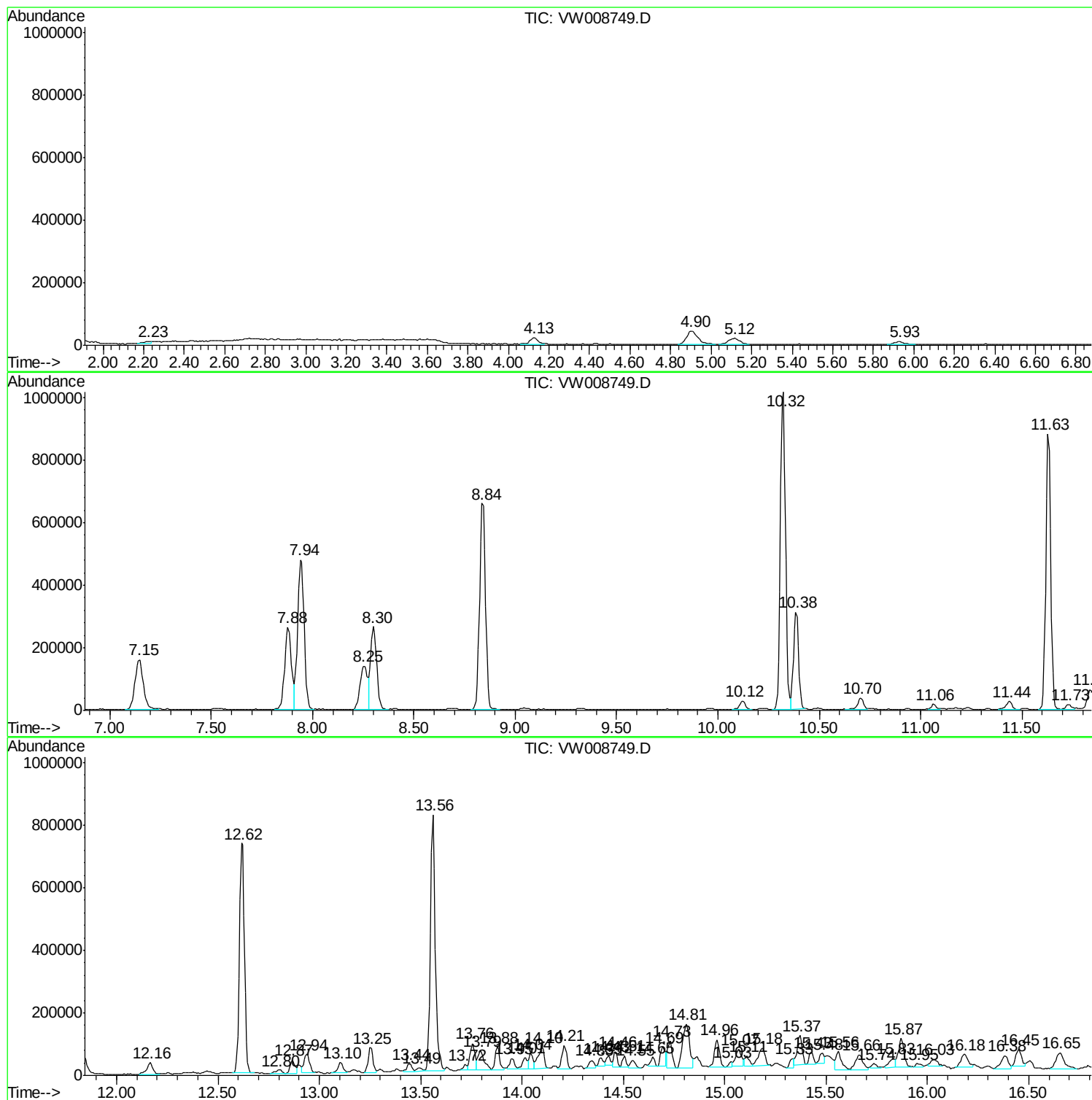
Sum of corrected areas: 15580251

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

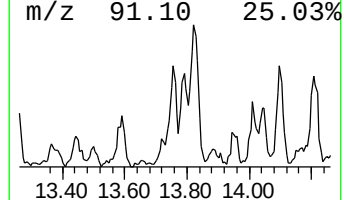
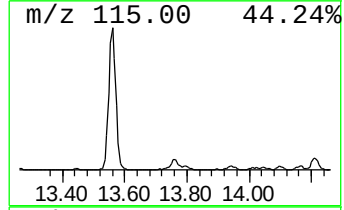
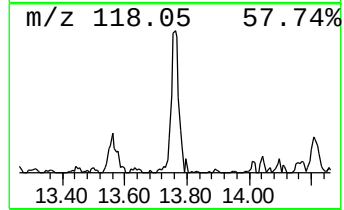
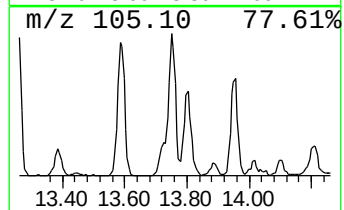
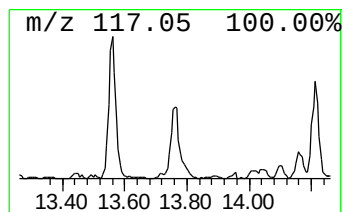
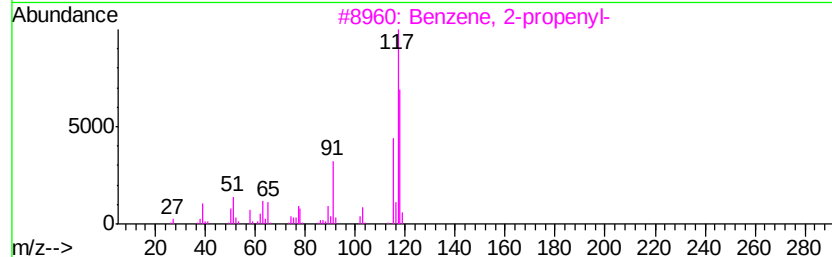
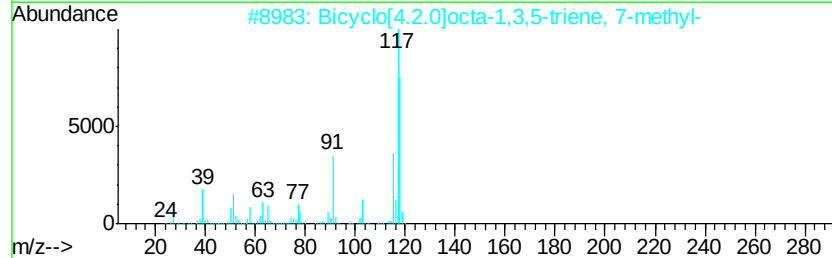
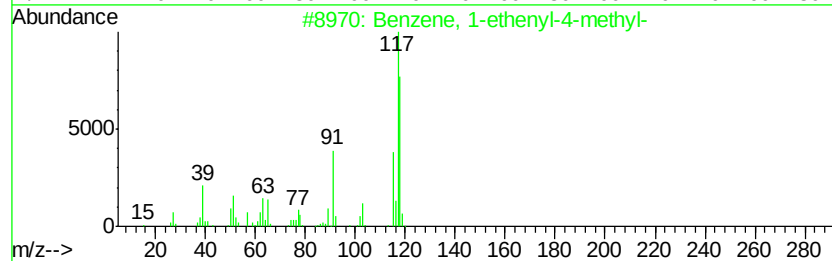
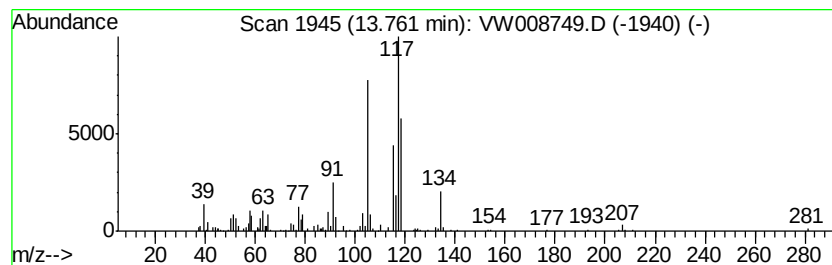
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.14 ug/l	139432	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 93
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	055337-80-9 92
3		Benzene, 2-propenyl-	118 C9H10	000300-57-2 91
4		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 91
5		5-Methyl-6-phenyltetrahydro-1,3-...	207 C11H13NOS	086071-95-6 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
OR-02-021919-A

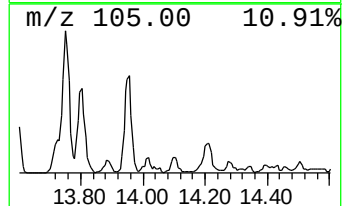
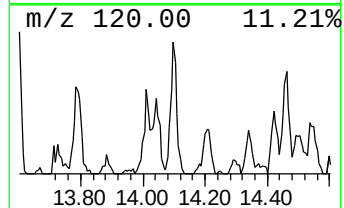
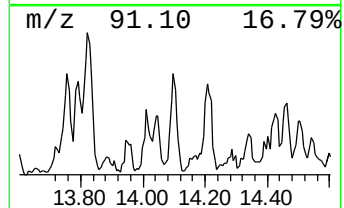
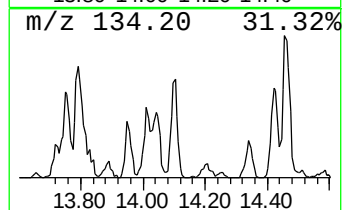
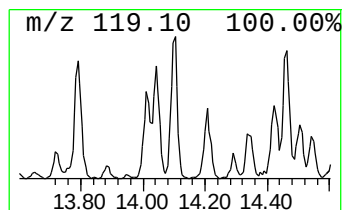
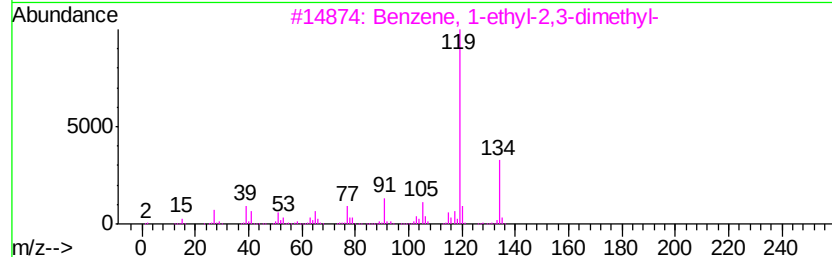
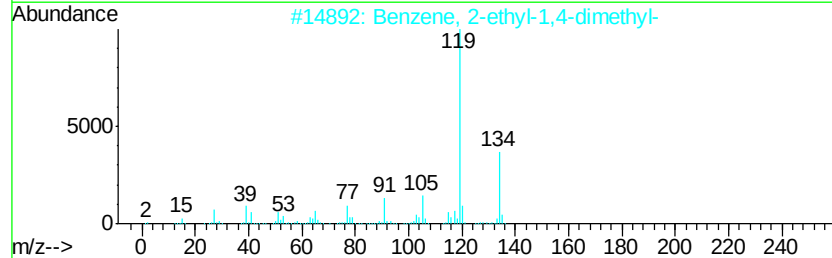
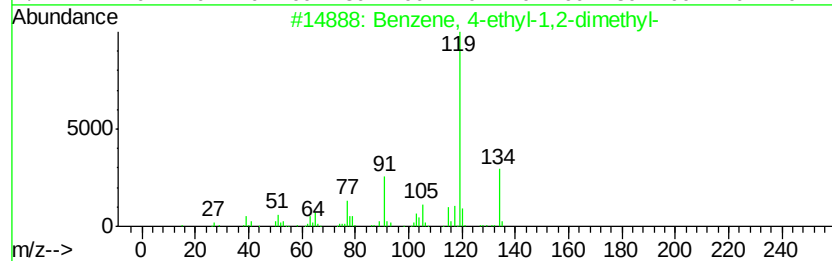
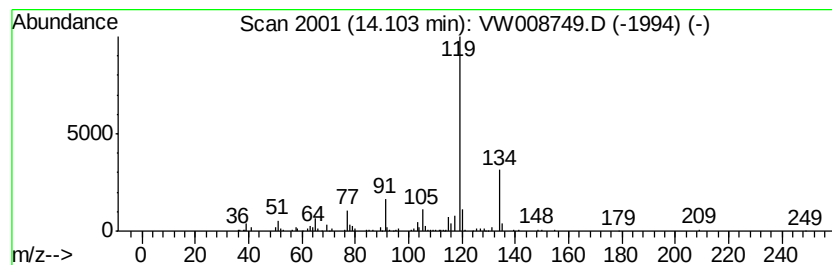
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.29 ug/l	143470	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

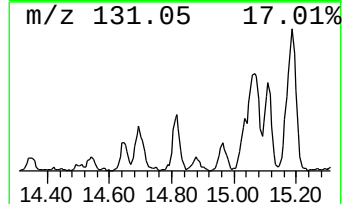
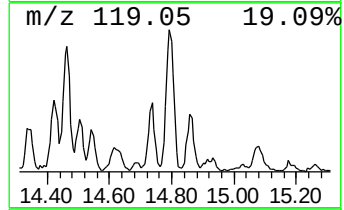
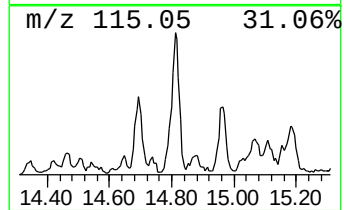
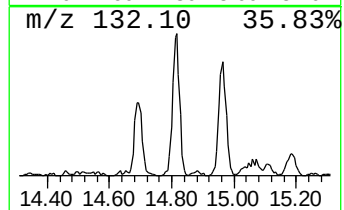
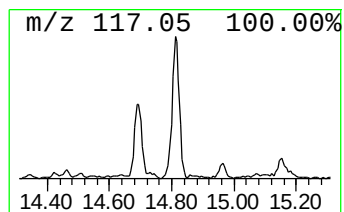
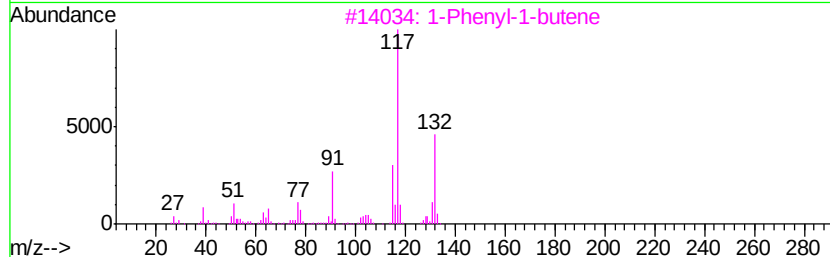
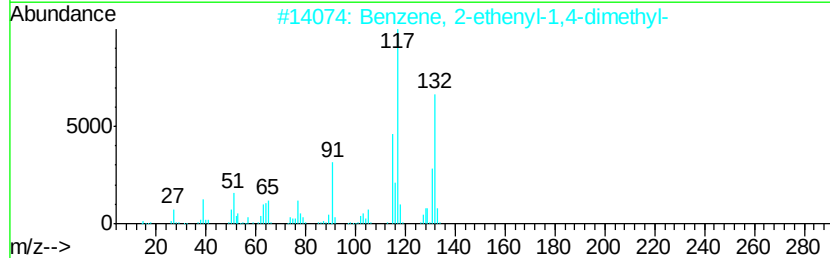
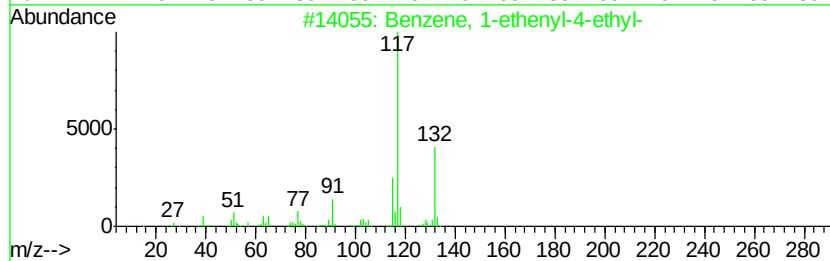
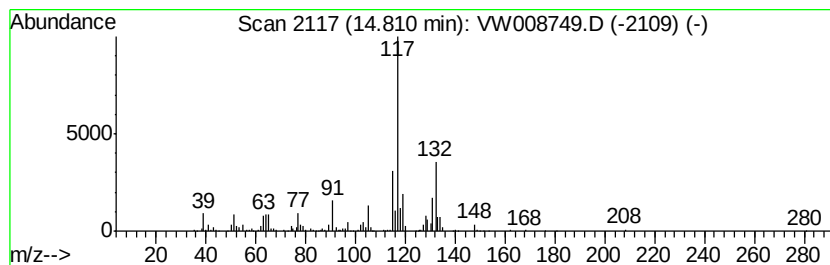
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.81	12.34 ug/l	334547	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94	
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92	
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90	
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87	
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

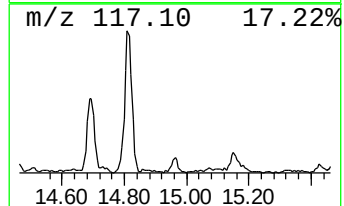
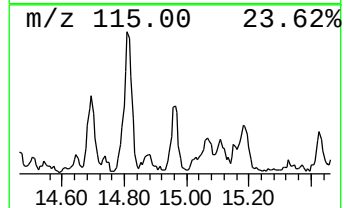
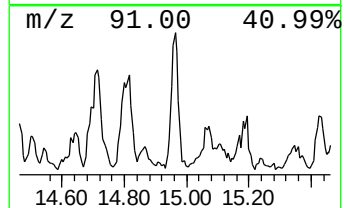
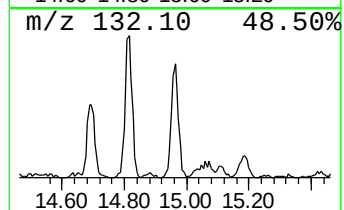
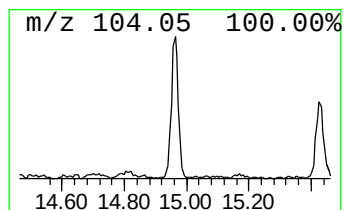
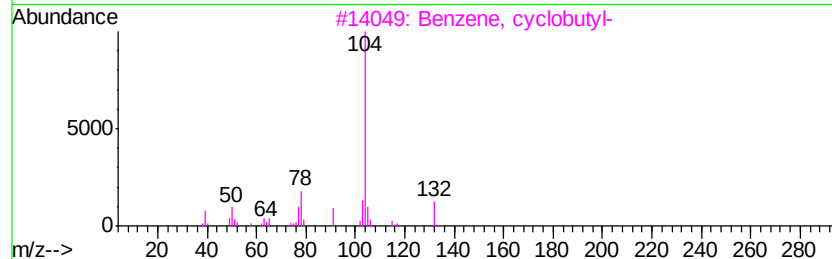
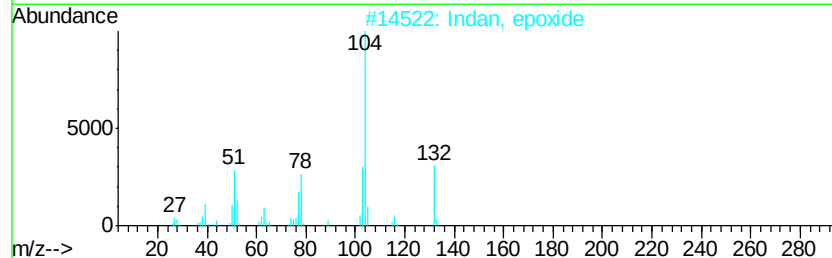
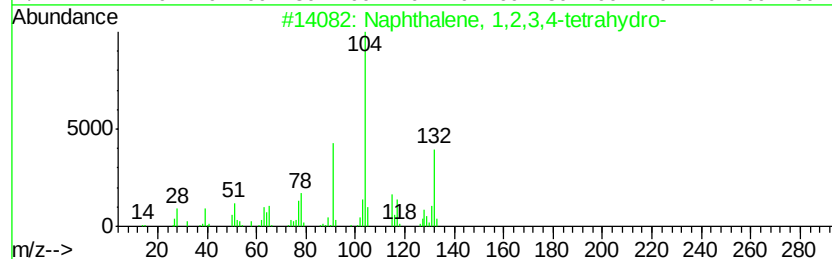
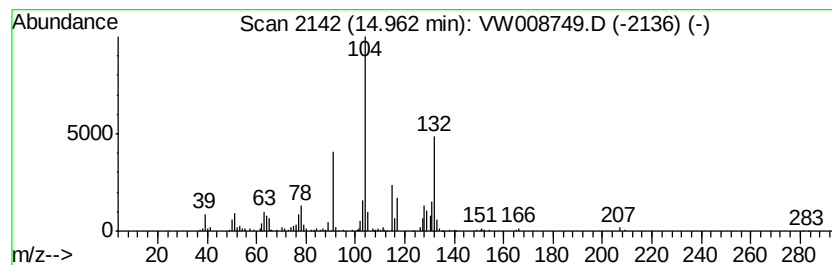
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.43 ug/l	147053	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2		Indan, epoxide	132	C9H8O	000768-22-9	53
3		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

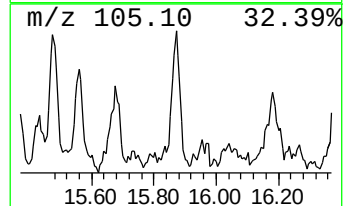
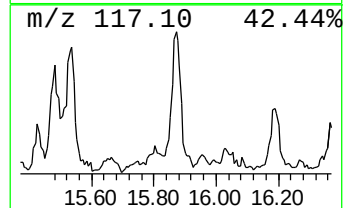
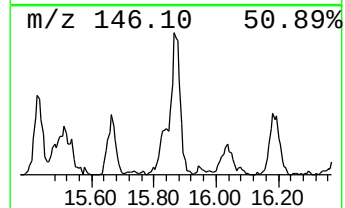
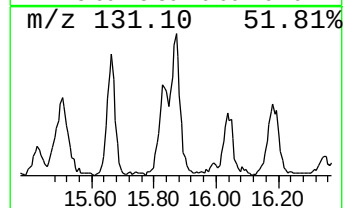
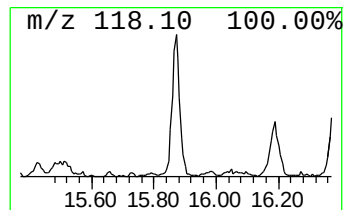
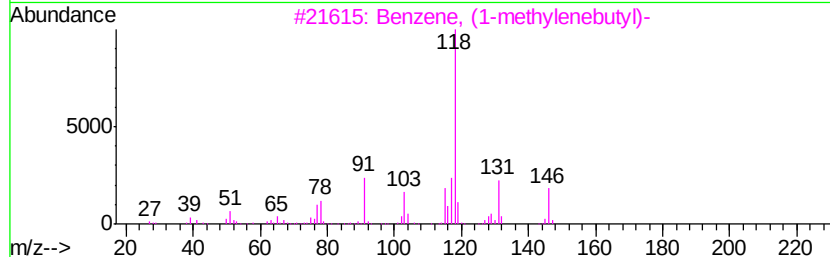
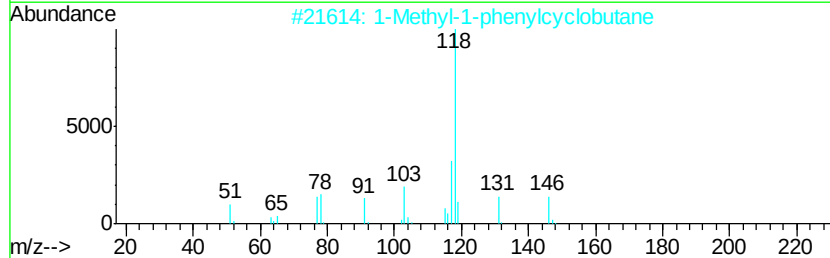
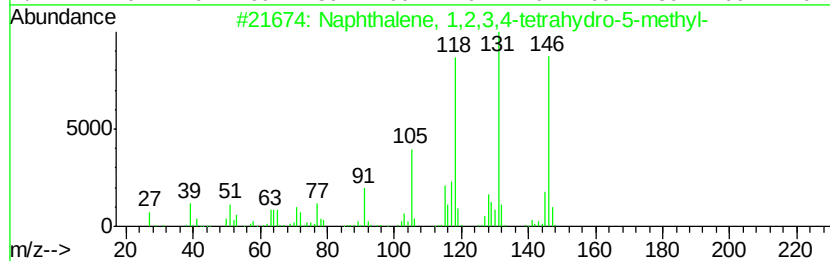
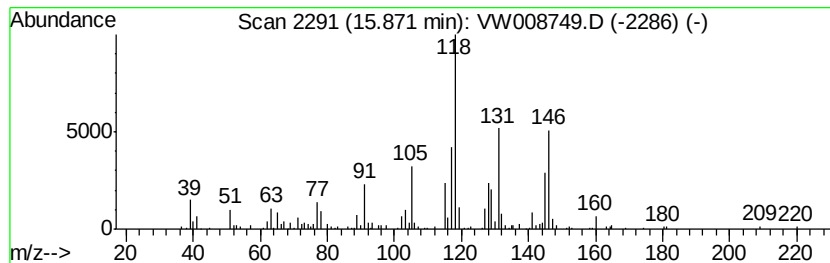
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.54 ug/l	177151	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 64
2		1-Methyl-1-phenylcyclobutane	146 C11H14	007306-05-0 58
3		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 53
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 49
5		1(2H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000529-34-0 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
Operator : SY/VA
Sample : K1349-09
Misc : 6.25G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Benzene, 1-etheny...	13.76	5.1	ug/l	139432	4	13.56	1355230	50.0
Benzene, 4-ethyl-...	14.10	5.3	ug/l	143470	4	13.56	1355230	50.0
Benzene, 1-etheny...	14.81	12.3	ug/l	334547	4	13.56	1355230	50.0
Naphthalene, 1,2,...	14.96	5.4	ug/l	147053	4	13.56	1355230	50.0
Naphthalene, 1,2,...	15.87	6.5	ug/l	177151	4	13.56	1355230	50.0