

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010799.D
 Acq On : 13 Jun 2019 15:54
 Operator : SY/VA
 Sample : K3351-05
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200029

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\82W060419S.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	1.953	5	8	13	rBV2	6249	9158	1.06%	0.121%
2	4.129	357	365	374	rBV	14629	39824	4.62%	0.528%
3	4.910	484	493	503	rBV4	5817	19621	2.28%	0.260%
4	7.135	850	858	873	rBV	12446	39984	4.64%	0.530%
5	7.885	967	981	985	rBV	106242	247396	28.72%	3.280%
6	7.946	985	991	1001	rVB	255877	569966	66.18%	7.556%
7	8.305	1040	1050	1060	rBV	125250	275149	31.95%	3.647%
8	8.842	1129	1138	1148	rBV	394116	776117	90.11%	10.288%
9	10.323	1373	1381	1387	rBV	481641	837285	97.21%	11.099%
10	10.390	1387	1392	1402	rVB	32280	60143	6.98%	0.797%
11	10.713	1438	1445	1450	rBV3	4906	9636	1.12%	0.128%
12	11.628	1588	1595	1605	rBV	493865	861301	100.00%	11.418%
13	11.731	1606	1612	1619	rVB2	7423	13808	1.60%	0.183%
14	11.841	1624	1630	1641	rVB3	8344	17730	2.06%	0.235%
15	12.164	1676	1683	1690	rBV4	6789	13301	1.54%	0.176%
16	12.469	1722	1733	1744	rBV	147468	253549	29.44%	3.361%
17	12.622	1748	1758	1765	rBV	337331	561380	65.18%	7.442%
18	12.719	1770	1774	1783	rVB5	14497	26585	3.09%	0.352%
19	12.945	1806	1811	1814	rBV	13072	24557	2.85%	0.326%
20	13.249	1857	1861	1866	rVB	10148	15434	1.79%	0.205%
21	13.469	1890	1897	1906	rBV2	42880	90692	10.53%	1.202%
22	13.560	1906	1912	1921	rVB	447540	729267	84.67%	9.667%
23	13.762	1941	1945	1946	rBV2	7786	10517	1.22%	0.139%
24	13.792	1946	1950	1954	rVB	21687	32876	3.82%	0.436%
25	14.018	1979	1987	1989	rBV5	9581	19231	2.23%	0.255%
26	14.097	1994	2000	2007	rVB2	18741	46773	5.43%	0.620%
27	14.207	2012	2018	2023	rVV2	24192	47170	5.48%	0.625%
28	14.249	2023	2025	2030	rVB3	6411	9897	1.15%	0.131%
29	14.335	2035	2039	2046	rBV5	7950	15800	1.83%	0.209%
30	14.426	2046	2054	2056	rBV	20965	35067	4.07%	0.465%
31	14.463	2056	2060	2064	rVV	29996	42344	4.92%	0.561%
32	14.505	2064	2067	2071	rVB2	13915	17958	2.08%	0.238%
33	14.694	2093	2098	2101	rBV2	13908	23348	2.71%	0.310%
34	14.731	2101	2104	2109	rVB4	11261	17482	2.03%	0.232%

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35	14.810	2109	2117	2123	rBV2	96872	206487	23.97%	2.737%
36	14.963	2138	2142	2147	rBV6	5511	8958	1.04%	0.119%
37	15.072	2150	2160	2164	rBV3	26564	58901	6.84%	0.781%
38	15.152	2168	2173	2174	rBV	18164	24921	2.89%	0.330%
39	15.292	2186	2196	2199	rBV2	19199	42793	4.97%	0.567%
40	15.322	2199	2201	2205	rVV5	10605	16442	1.91%	0.218%
41	15.371	2205	2209	2214	rVV	17085	27318	3.17%	0.362%
42	15.481	2219	2227	2231	rVV4	27879	67306	7.81%	0.892%
43	15.530	2231	2235	2250	rVB2	38510	89722	10.42%	1.189%
44	15.664	2250	2257	2263	rBV	40272	81272	9.44%	1.077%
45	15.743	2266	2270	2275	rBV8	5384	11334	1.32%	0.150%
46	15.834	2277	2285	2294	rVB	30414	79597	9.24%	1.055%
47	15.962	2301	2306	2310	rBV3	11921	25226	2.93%	0.334%
48	16.029	2313	2317	2324	rVB4	18592	41014	4.76%	0.544%
49	16.176	2334	2341	2346	rBV4	13868	32404	3.76%	0.430%
50	16.273	2353	2357	2364	rVB6	11404	23959	2.78%	0.318%
51	16.377	2365	2374	2379	rBV6	24715	78137	9.07%	1.036%
52	16.450	2379	2386	2403	rVB	140890	319761	37.13%	4.239%
53	16.651	2411	2419	2431	rVB	215187	497781	57.79%	6.599%

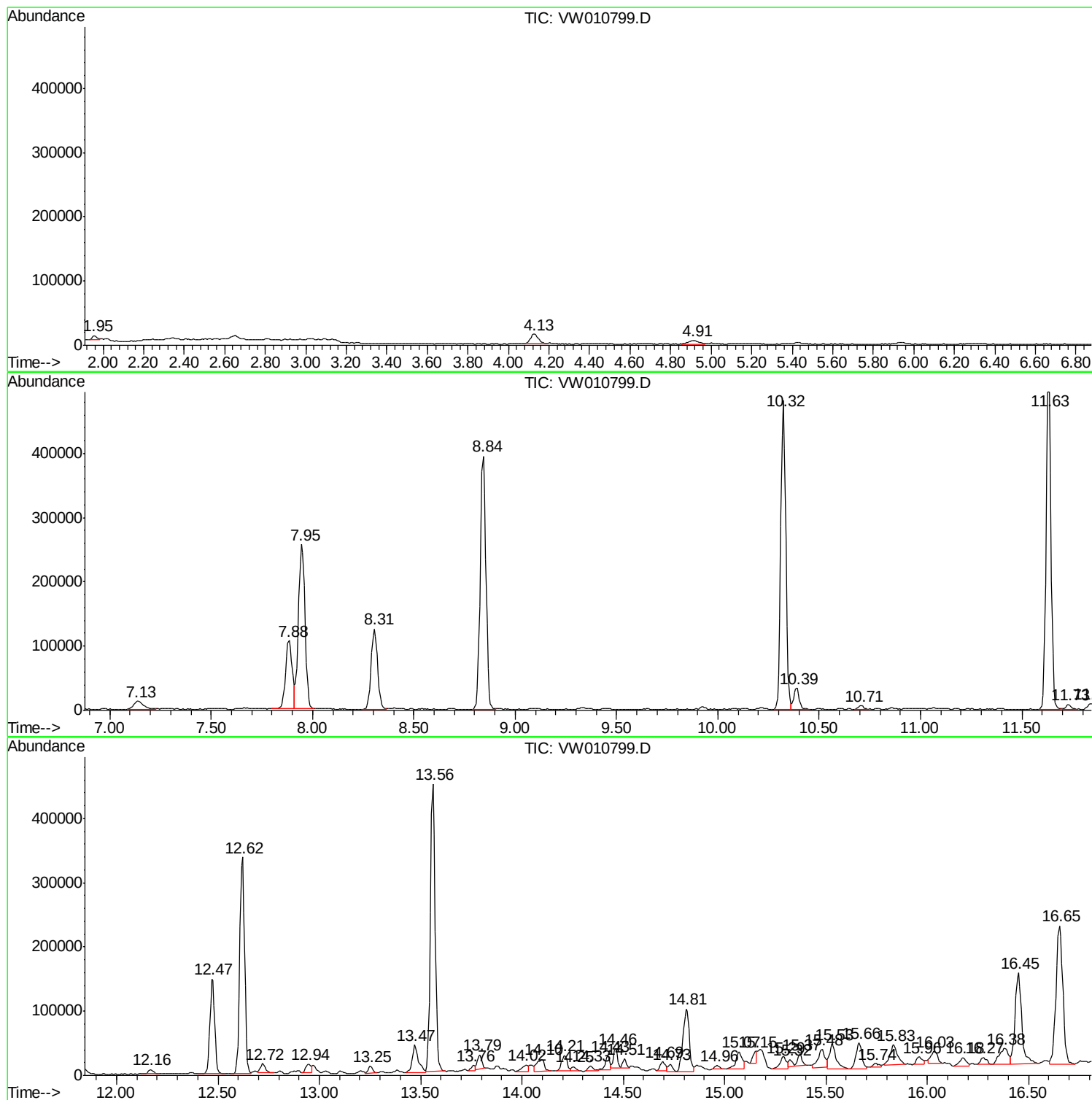
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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



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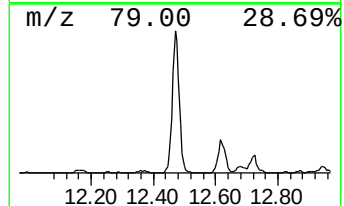
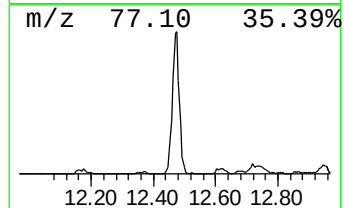
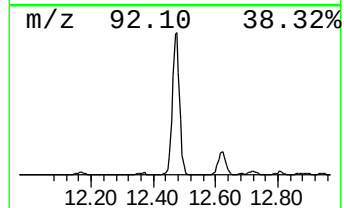
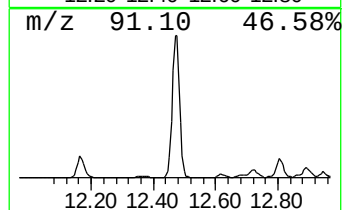
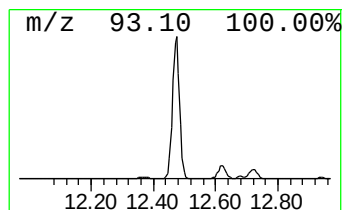
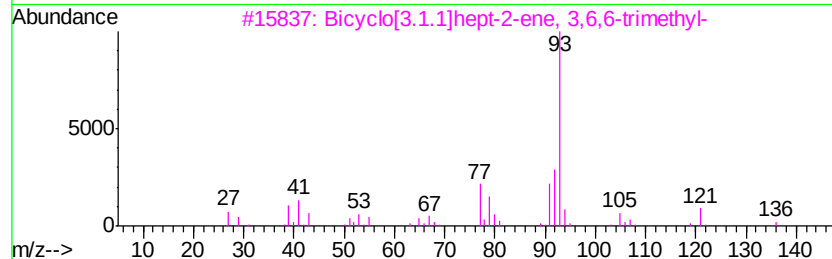
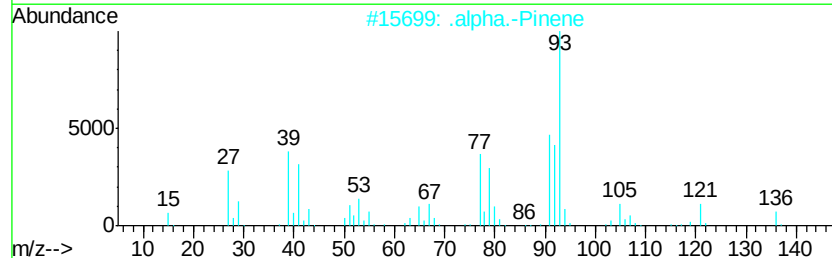
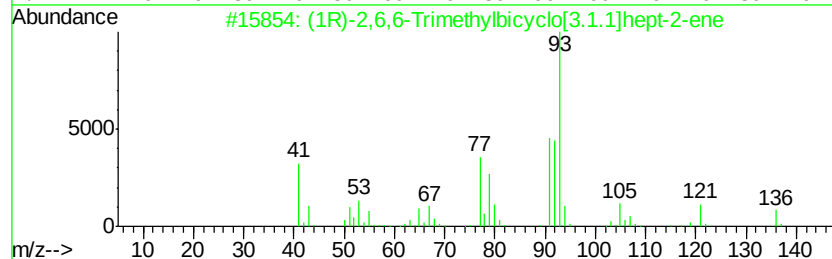
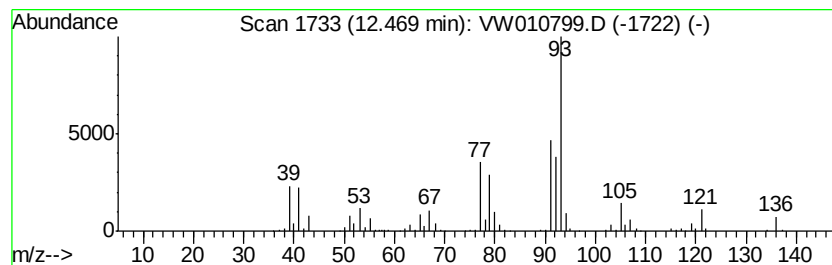
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	14.72 ug/l	253549	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	90
5		(+)-3-Carene	136	C10H16	000498-15-7	87



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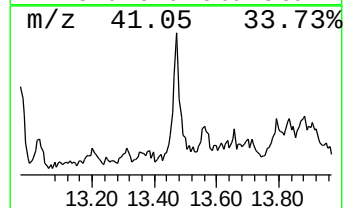
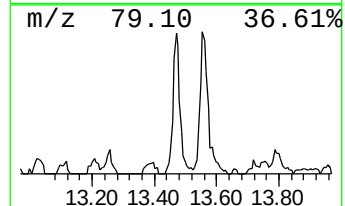
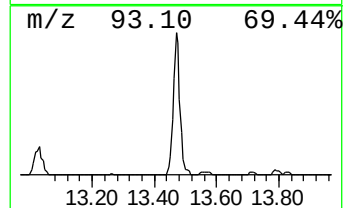
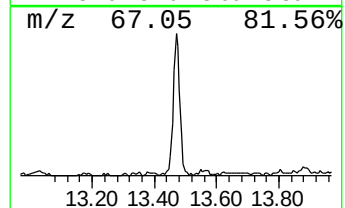
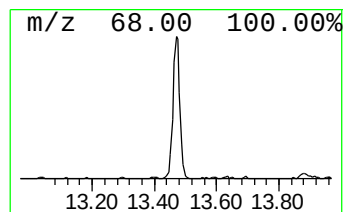
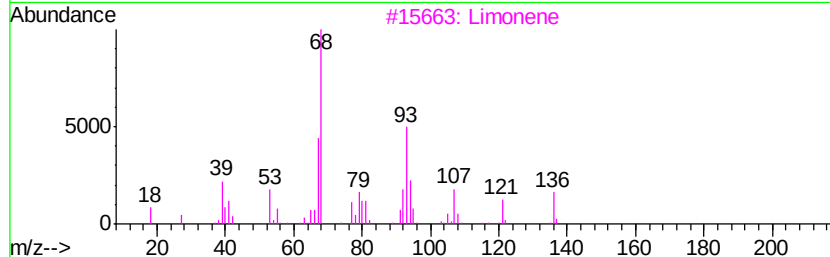
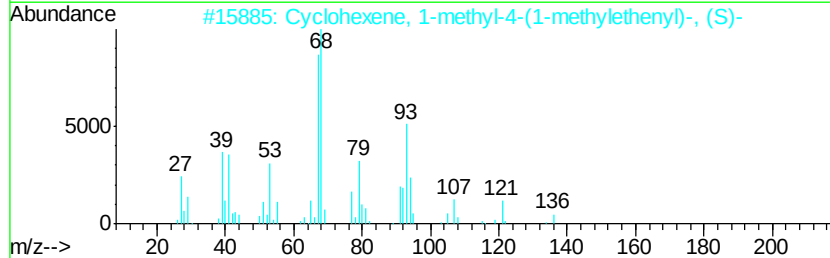
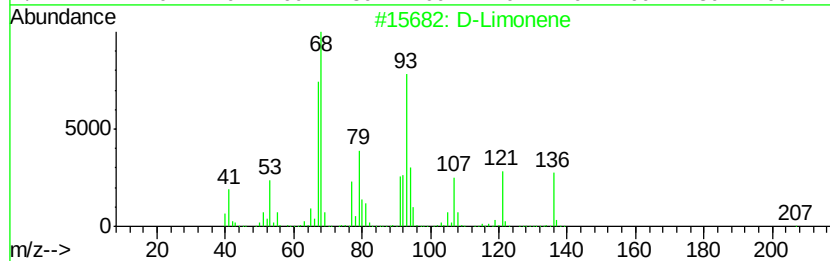
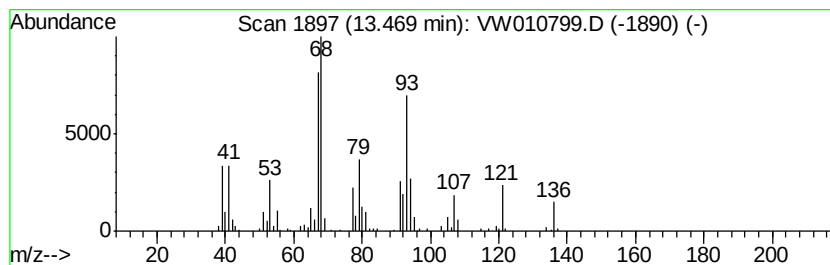
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 2 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.22 ug/l	90692	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		Cyclohexene, 1-methyl-4-(1-methyl-4-ethenyl)-, (S)-	136	C10H16	005989-54-8	91
3		Limonene	136	C10H16	000138-86-3	76
4		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	64
5		Cyclohexene, 4-ethenyl-1,4-dimethyl-	136	C10H16	001743-61-9	49



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ALS Vial : 12 Sample Multiplier: 1

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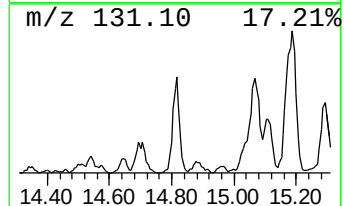
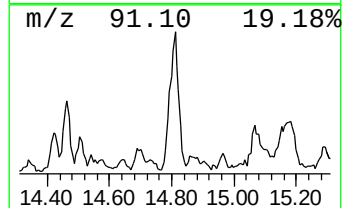
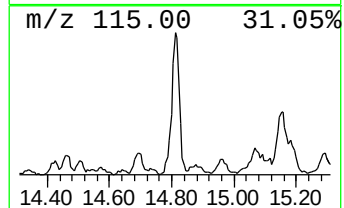
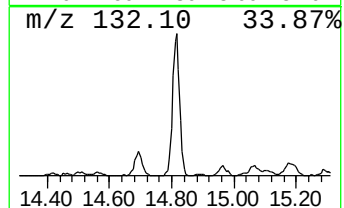
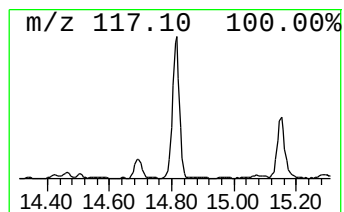
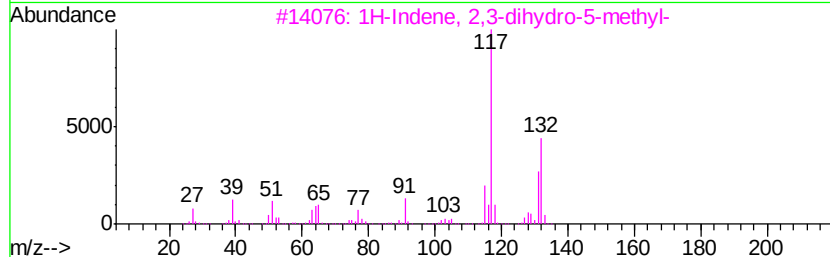
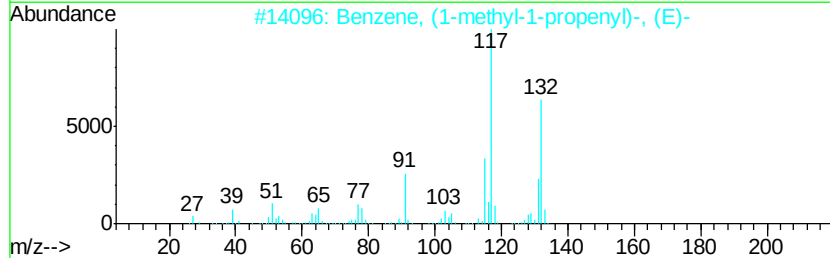
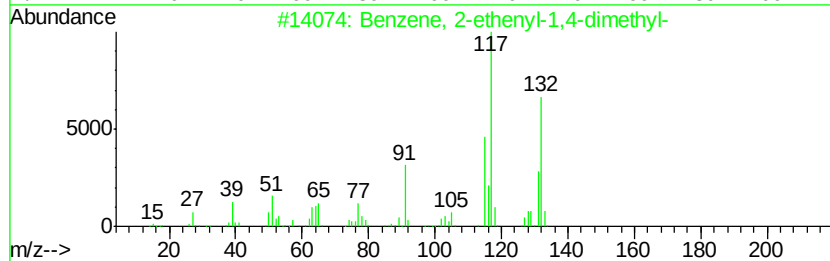
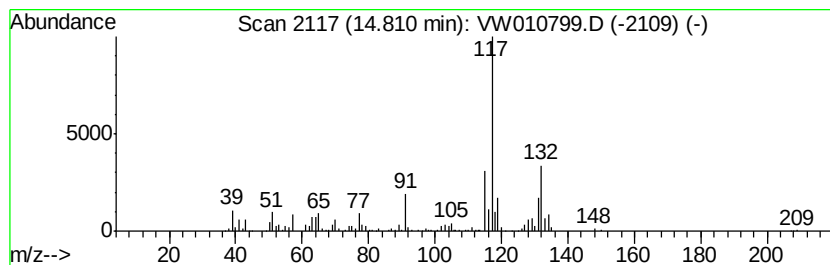
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	14.16 ug/l	206487	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



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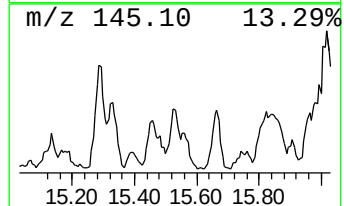
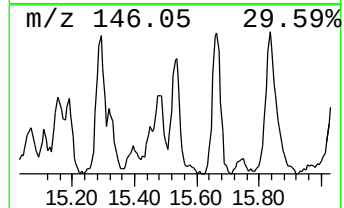
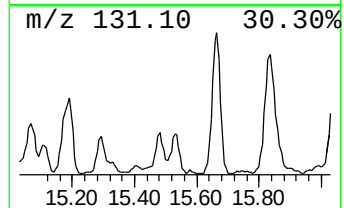
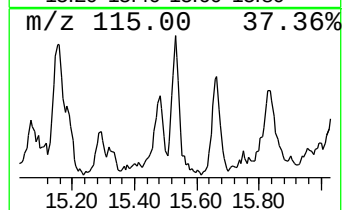
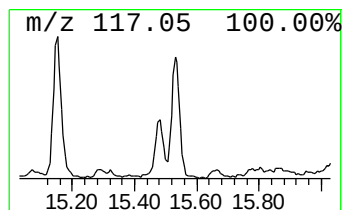
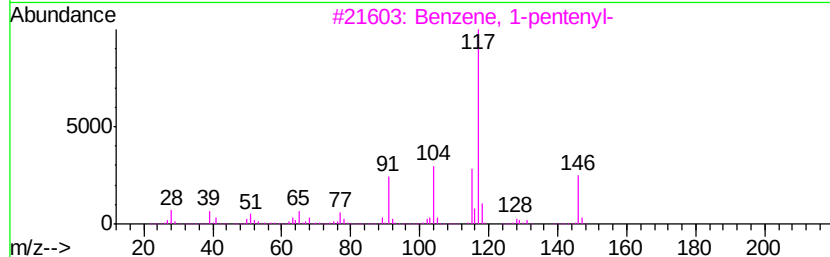
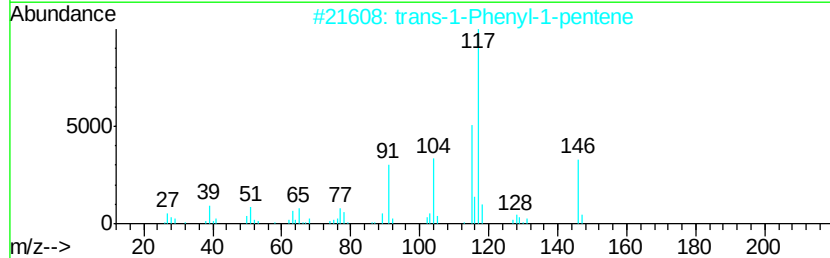
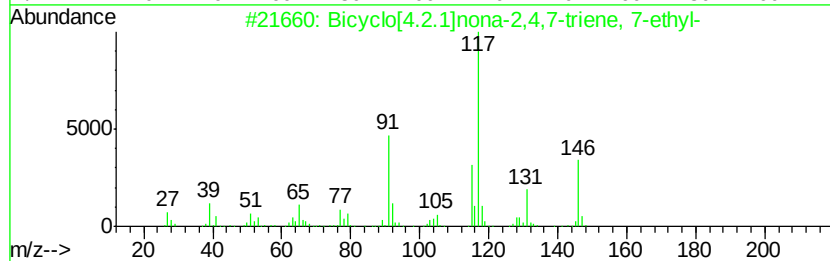
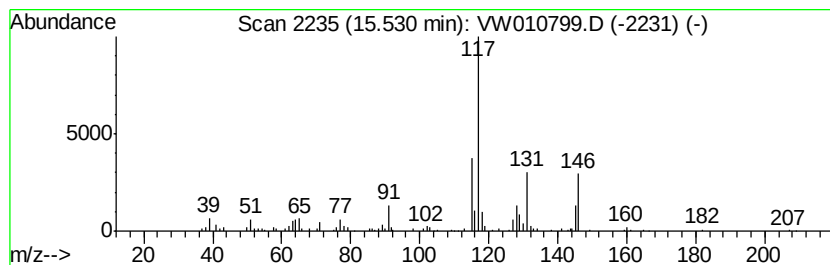
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	6.15 ug/l	89722	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	72
2		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	68
3		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
5		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53



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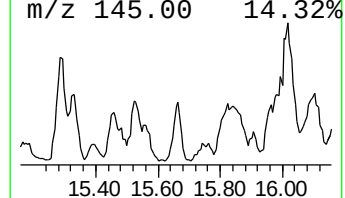
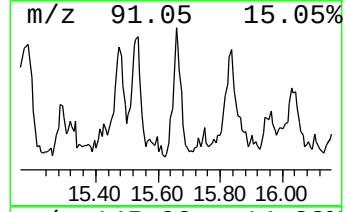
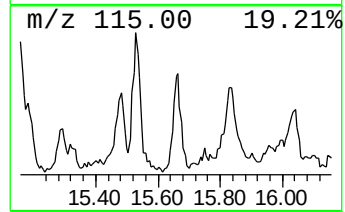
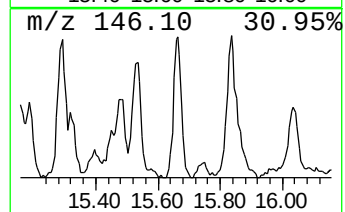
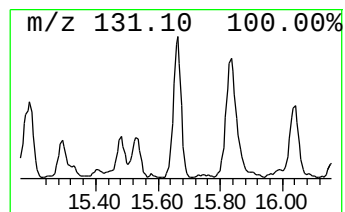
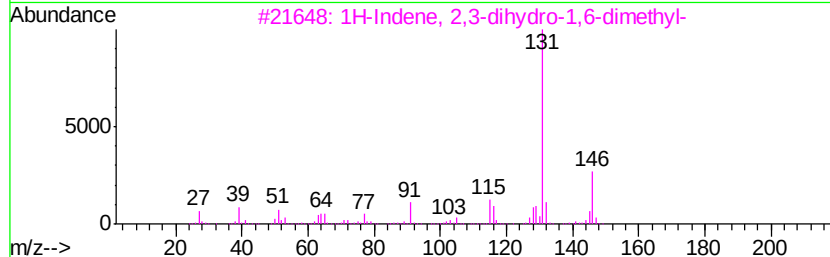
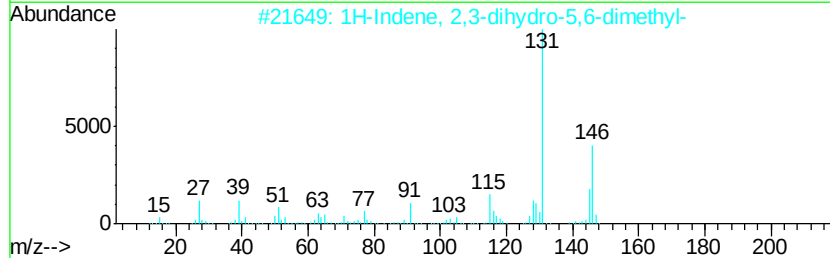
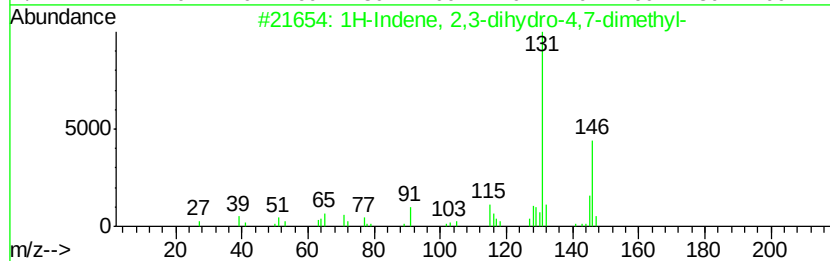
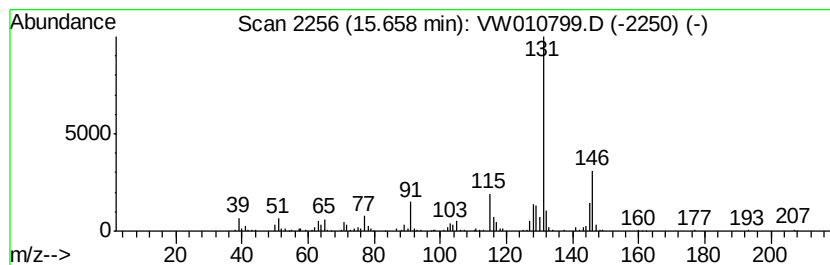
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.57 ug/l	81272	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14		006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14		001075-22-5	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14		017059-48-2	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14		004175-53-5	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14		017057-82-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010799.D
Acq On : 13 Jun 2019 15:54
Operator : SY/VA
Sample : K3351-05
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

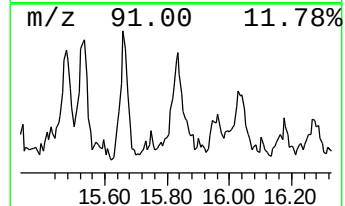
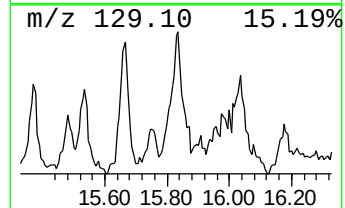
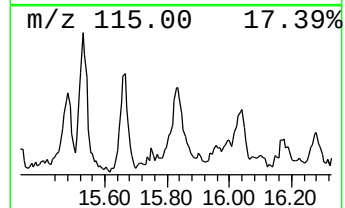
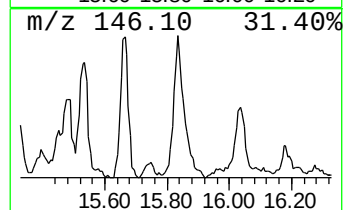
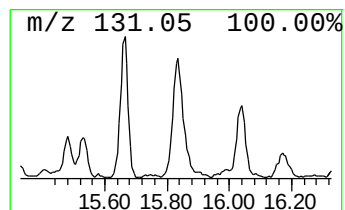
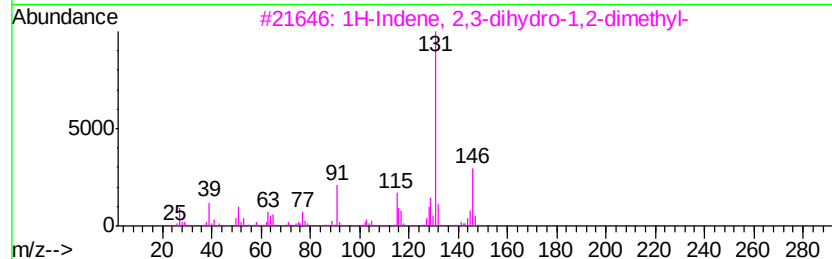
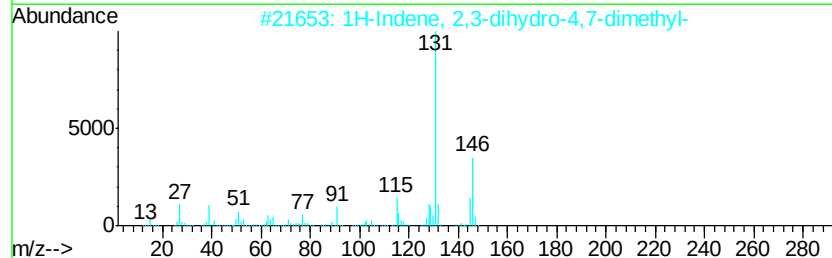
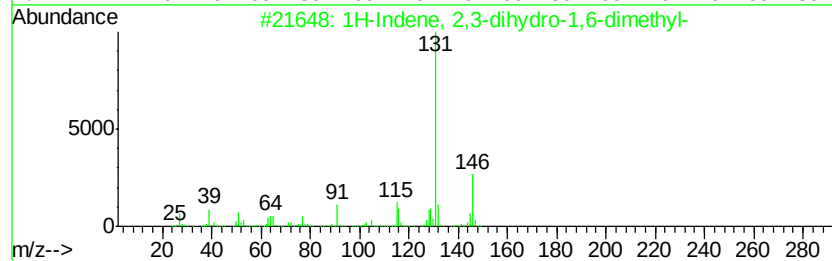
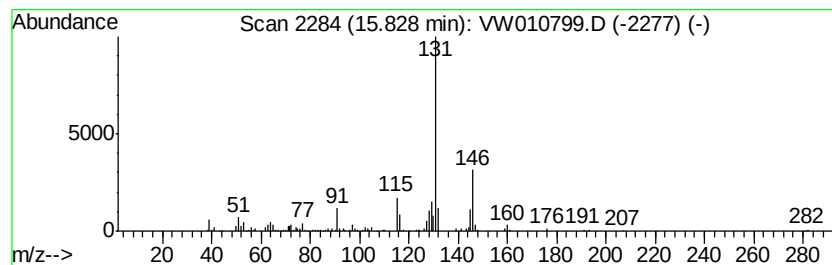
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.46 ug/l	79597	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010799.D
Acq On : 13 Jun 2019 15:54
Operator : SY/VA
Sample : K3351-05
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

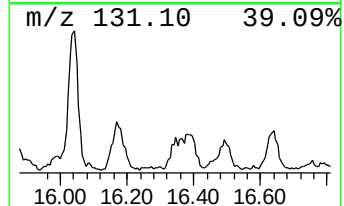
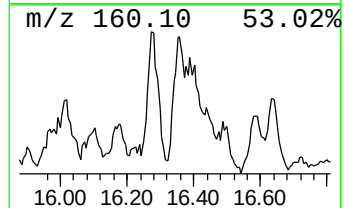
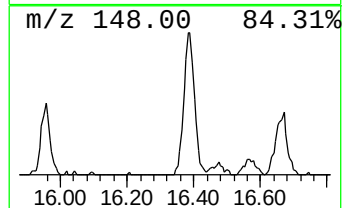
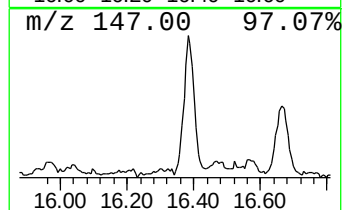
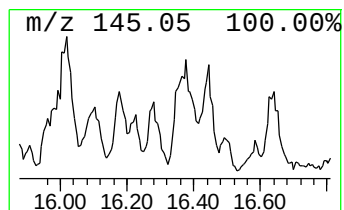
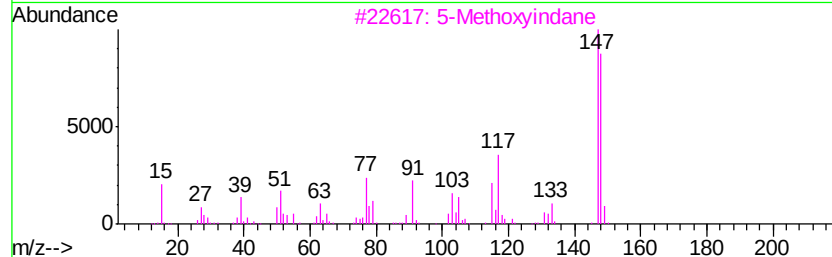
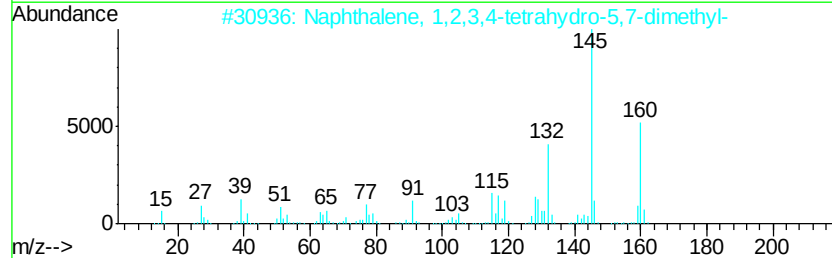
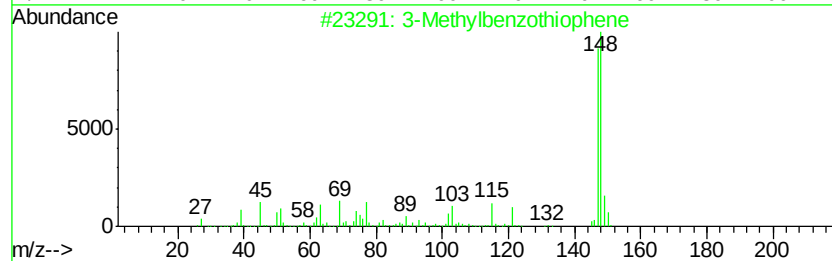
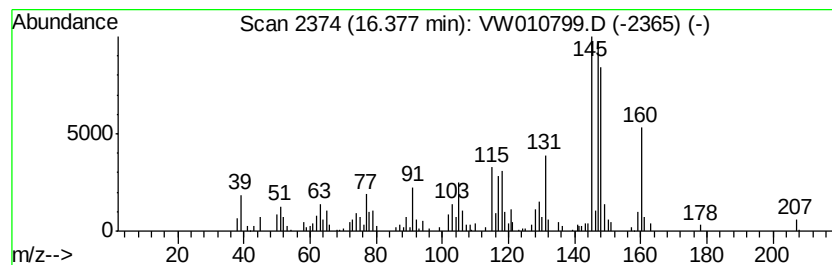
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 7 3-Methylbenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.36 ug/l	78137	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methylbenzothiophene	148	C9H8S	001455-18-1	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	55
3		5-Methoxvindane	148	C10H12O	1000342-73-8	50
4		1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	46
5		2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010799.D
Acq On : 13 Jun 2019 15:54
Operator : SY/VA
Sample : K3351-05
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

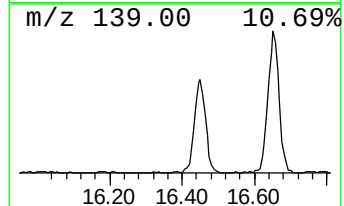
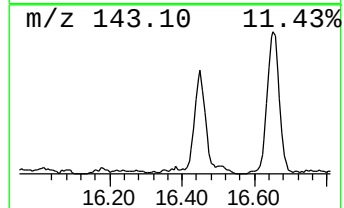
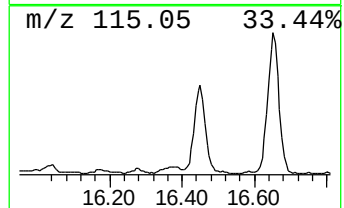
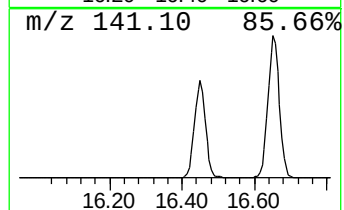
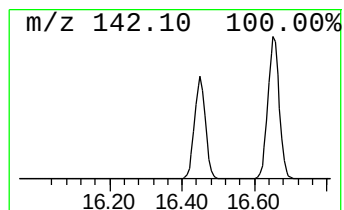
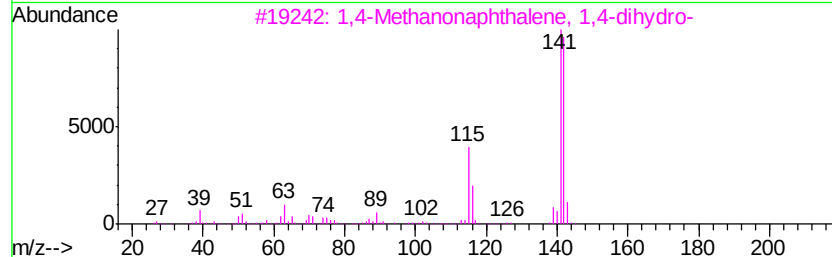
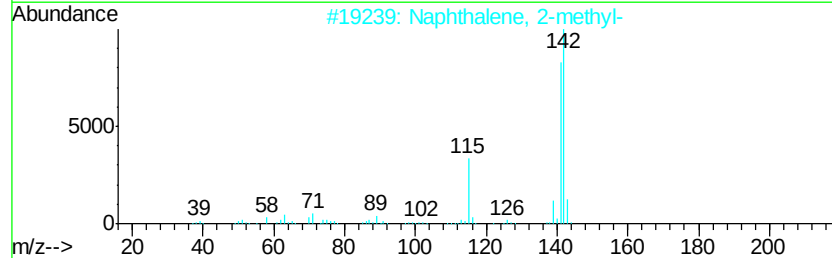
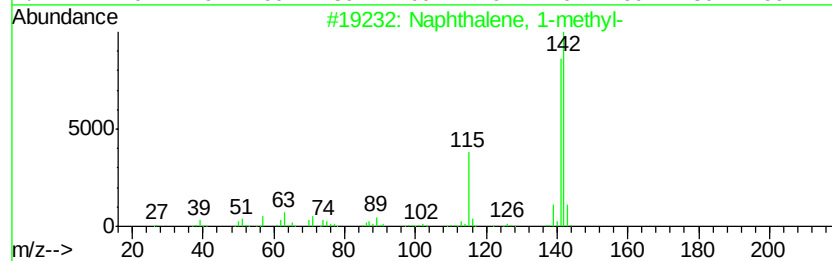
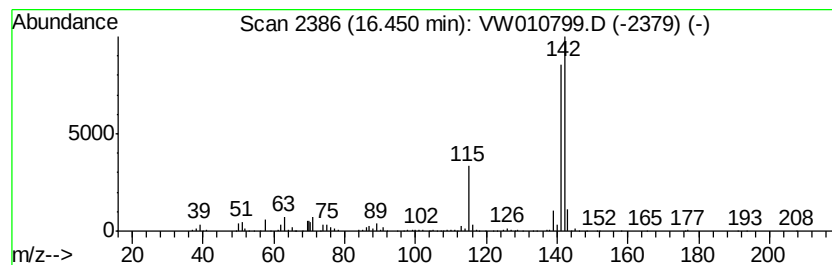
Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	21.92 ug/l	319761	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142 C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1	90
4	Benzocycloheptatriene	142 C11H10	000264-09-5	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061319\
Data File : VW010799.D
Acq On : 13 Jun 2019 15:54
Operator : SY/VA
Sample : K3351-05
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.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
(1R)-2,6,6-Trimet...	12.47	14.7	ug/l	253549	3	11.63	861301	50.0
D-Limonene	13.47	6.2	ug/l	90692	4	13.56	729267	50.0
Benzene, 2-etheny...	14.81	14.2	ug/l	206487	4	13.56	729267	50.0
Bicyclo[4.2.1]non...	15.53	6.2	ug/l	89722	4	13.56	729267	50.0
1H-Indene, 2,3-di...	15.66	5.6	ug/l	81272	4	13.56	729267	50.0
1H-Indene, 2,3-di...	15.83	5.5	ug/l	79597	4	13.56	729267	50.0
3-Methylbenzothio...	16.38	5.4	ug/l	78137	4	13.56	729267	50.0
Naphthalene, 1-me...	16.45	21.9	ug/l	319761	4	13.56	729267	50.0