

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013201.D
 Acq On : 21 Sep 2019 00:03
 Operator : SY/VA
 Sample : K4918-08
 Misc : 2.92G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9

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\82W092019S.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	2.148	35	40	46	rBV	6600	13018	1.13%	0.106%
2	4.141	359	367	372	rBV	5313	14771	1.28%	0.121%
3	4.909	482	493	508	rBV4	16243	60040	5.22%	0.491%
4	5.934	648	661	672	rVB3	9457	28631	2.49%	0.234%
5	7.141	847	859	875	rBV	54384	161183	14.00%	1.318%
6	7.885	971	981	985	rBV	163706	382915	33.26%	3.130%
7	7.945	985	991	1003	rVB	336234	750441	65.19%	6.135%
8	8.256	1032	1042	1043	rBV2	29955	56380	4.90%	0.461%
9	8.305	1043	1050	1059	rVB	144381	335424	29.14%	2.742%
10	8.842	1127	1138	1148	rBV	462697	930183	80.80%	7.604%
11	10.323	1371	1381	1389	rBV	641924	1151198	100.00%	9.411%
12	10.701	1433	1443	1450	rBV	46003	86696	7.53%	0.709%
13	10.860	1462	1469	1477	rVB	18853	32941	2.86%	0.269%
14	11.061	1495	1502	1507	rBV2	34954	59859	5.20%	0.489%
15	11.439	1551	1564	1571	rVB4	17362	40397	3.51%	0.330%
16	11.628	1588	1595	1604	rBV	497818	829570	72.06%	6.782%
17	11.731	1606	1612	1618	rVV	25431	39669	3.45%	0.324%
18	11.835	1618	1629	1640	rBV	78700	157592	13.69%	1.288%
19	12.164	1672	1683	1690	rBV	30196	67708	5.88%	0.554%
20	12.359	1706	1715	1723	rBV4	12827	31020	2.69%	0.254%
21	12.463	1723	1732	1737	rBV2	23591	46977	4.08%	0.384%
22	12.615	1750	1757	1766	rVB2	343024	573956	49.86%	4.692%
23	12.780	1777	1784	1791	rVB5	15143	36975	3.21%	0.302%
24	12.865	1791	1798	1802	rBV	90022	158324	13.75%	1.294%
25	12.938	1805	1810	1821	rVB	173028	318915	27.70%	2.607%
26	13.103	1827	1837	1843	rBV	30276	71358	6.20%	0.583%
27	13.164	1843	1847	1850	rBV4	15242	22098	1.92%	0.181%
28	13.249	1855	1861	1866	rVV	172918	266700	23.17%	2.180%
29	13.298	1866	1869	1875	rVV5	22439	33181	2.88%	0.271%
30	13.438	1888	1892	1897	rVB2	36298	56392	4.90%	0.461%
31	13.493	1897	1901	1906	rBV	21236	39352	3.42%	0.322%
32	13.554	1906	1911	1921	rVB2	284233	558906	48.55%	4.569%
33	13.713	1930	1937	1939	rBV4	23319	42347	3.68%	0.346%
34	13.755	1939	1944	1947	rVV2	162217	285578	24.81%	2.335%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SW846 8260

35	13.786	1947	1949	1954	rVB2	110895	146200	12.70%	1.195%
36	13.871	1959	1963	1969	rVV	80100	126359	10.98%	1.033%
37	13.938	1970	1974	1979	rVV4	17597	33421	2.90%	0.273%
38	14.011	1981	1986	1988	rVV	38117	63932	5.55%	0.523%
39	14.036	1988	1990	1993	rVV	39003	57863	5.03%	0.473%
40	14.091	1993	1999	2005	rVB2	81923	165404	14.37%	1.352%
41	14.207	2012	2018	2023	rBV2	138015	225503	19.59%	1.843%
42	14.335	2033	2039	2043	rBV4	32554	59560	5.17%	0.487%
43	14.420	2043	2053	2056	rVV2	68184	150188	13.05%	1.228%
44	14.457	2056	2059	2063	rVB	59697	76502	6.65%	0.625%
45	14.499	2063	2066	2069	rBV2	29514	39950	3.47%	0.327%
46	14.688	2092	2097	2100	rVV	111621	182045	15.81%	1.488%
47	14.725	2100	2103	2108	rVB3	73594	105430	9.16%	0.862%
48	14.810	2108	2117	2135	rBV3	222742	575534	49.99%	4.705%
49	14.956	2137	2141	2146	rBV6	26465	41275	3.59%	0.337%
50	15.011	2146	2150	2151	rBV3	13920	18768	1.63%	0.153%
51	15.066	2153	2159	2163	rBV3	47303	87004	7.56%	0.711%
52	15.322	2197	2201	2203	rBV3	38395	53329	4.63%	0.436%
53	15.365	2203	2208	2214	rVB	295449	497258	43.19%	4.065%
54	15.444	2216	2221	2222	rBV2	39670	60258	5.23%	0.493%
55	15.658	2251	2256	2263	rBV3	41792	87103	7.57%	0.712%
56	15.822	2279	2283	2293	rBV2	33185	100639	8.74%	0.823%
57	16.438	2377	2384	2391	rBV	426803	896909	77.91%	7.332%
58	16.639	2411	2417	2429	rVB	271797	641495	55.72%	5.244%

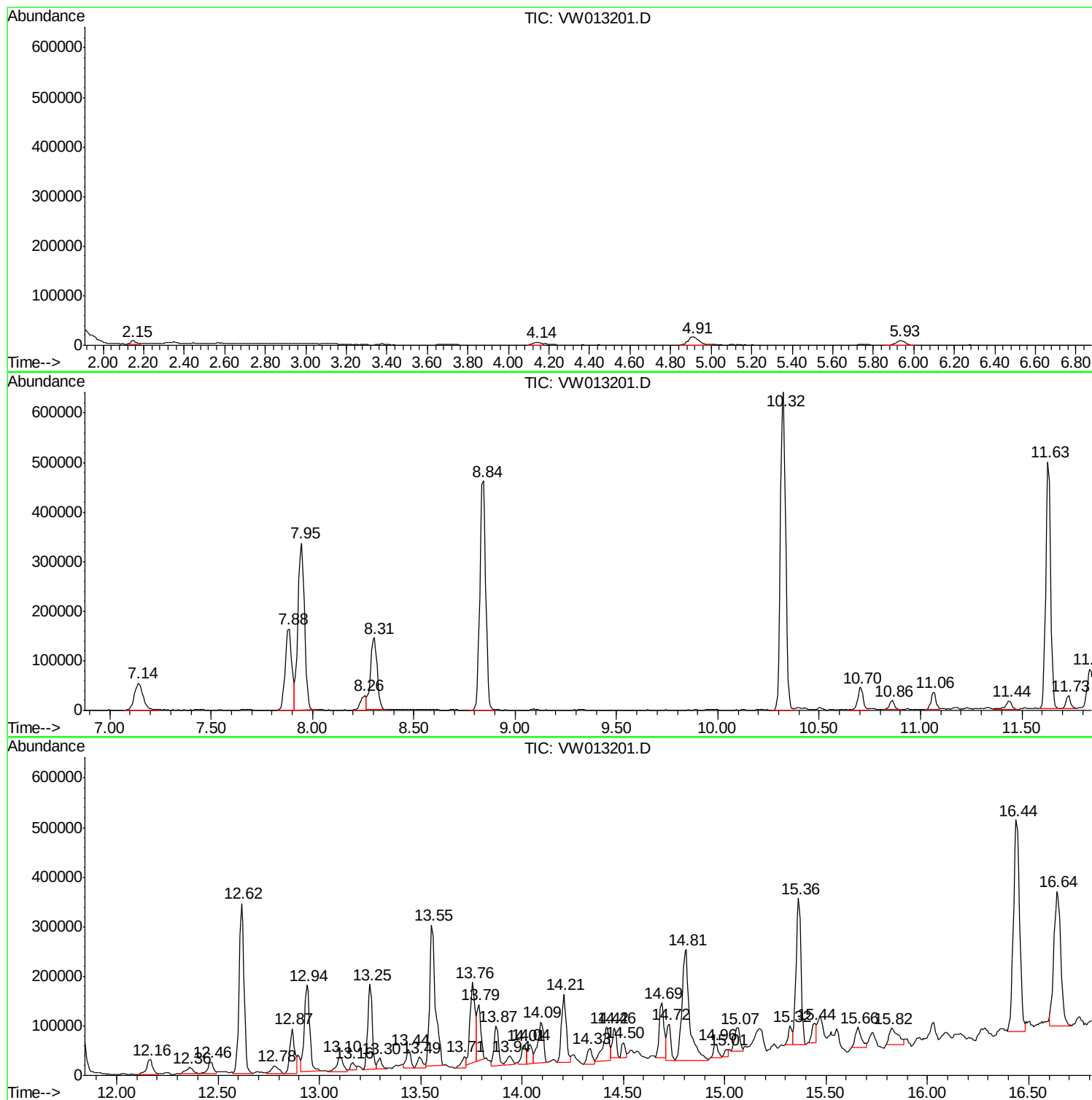
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Quant Title : SW846 8260

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



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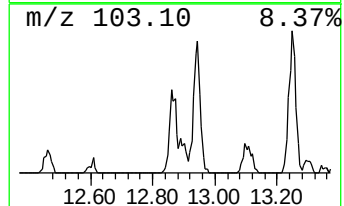
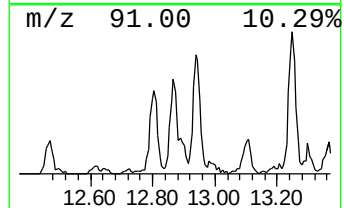
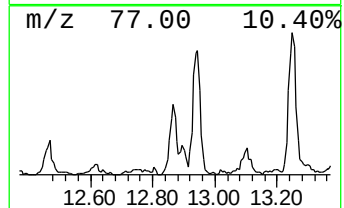
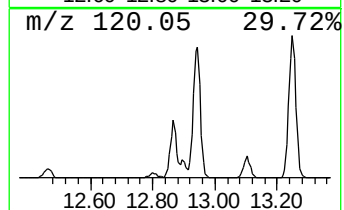
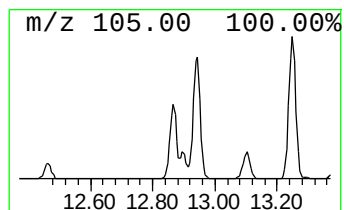
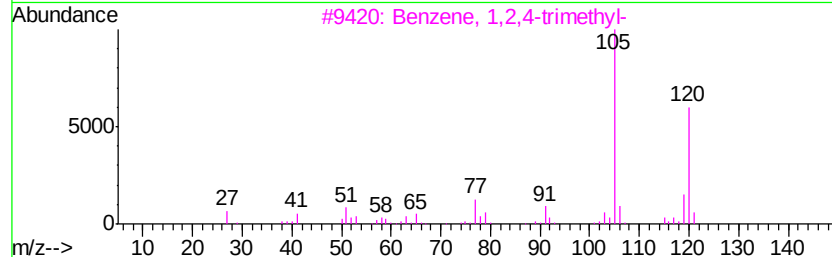
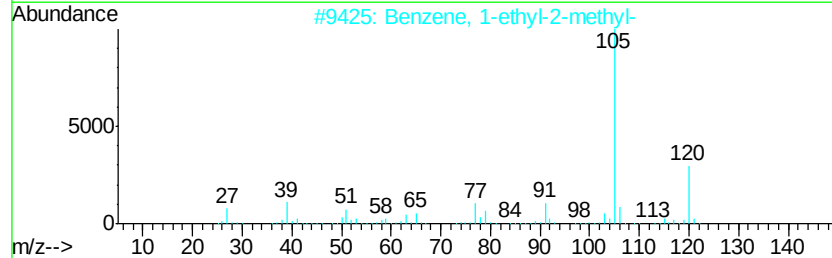
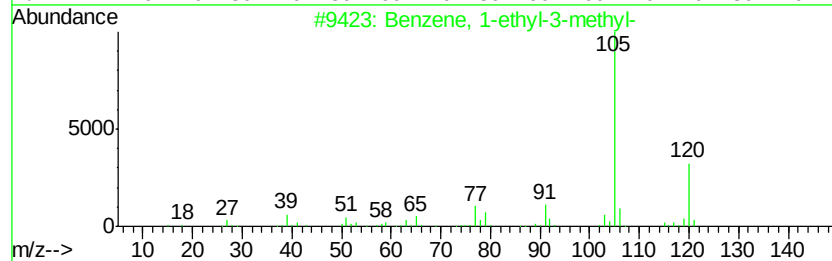
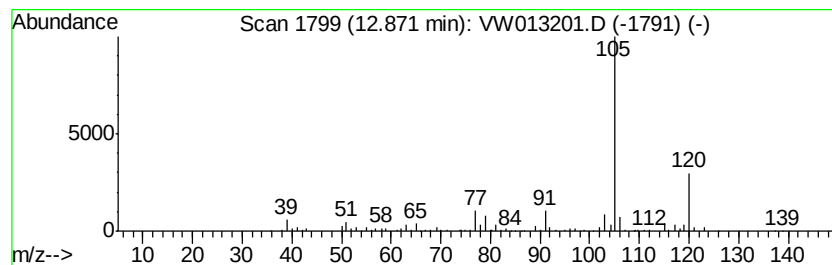
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	14.16 ug/l	158324	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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Misc : 2.92G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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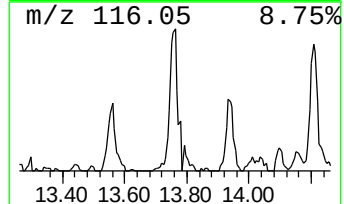
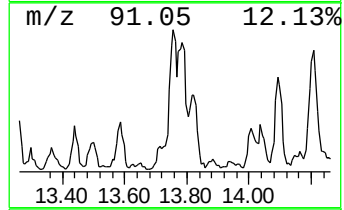
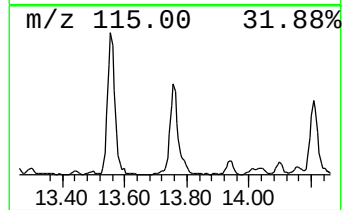
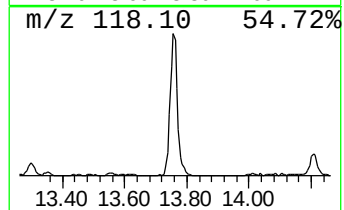
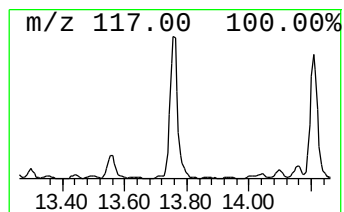
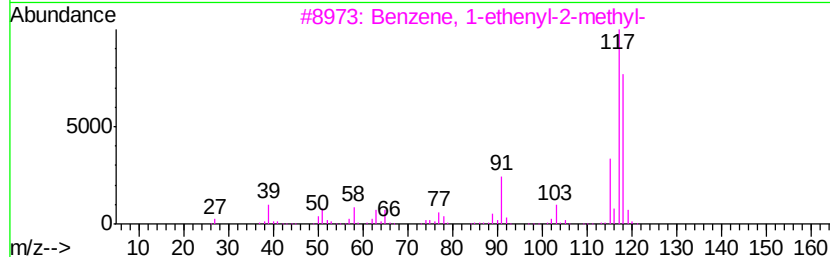
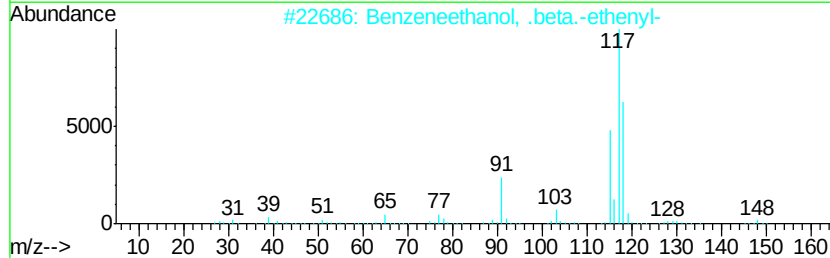
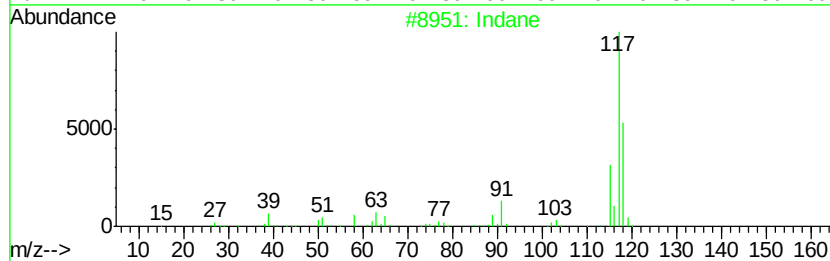
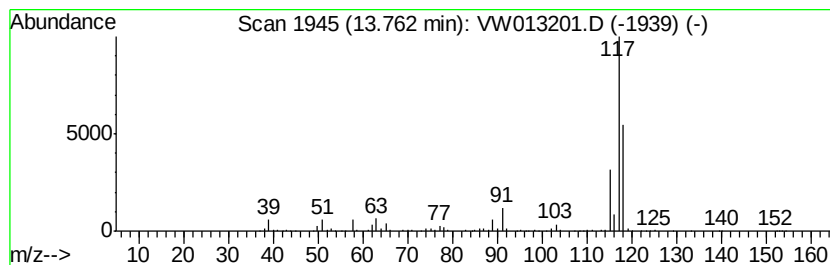
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	25.55 ug/l	285578	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-		148	C10H12O	006052-63-7	78
3	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	74
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	72
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	72



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Misc : 2.92G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

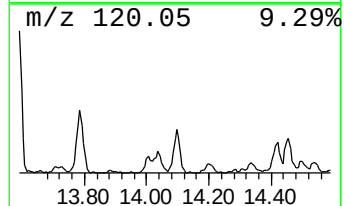
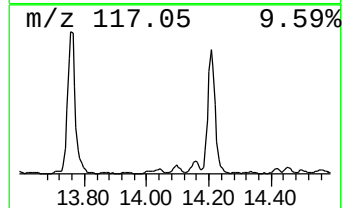
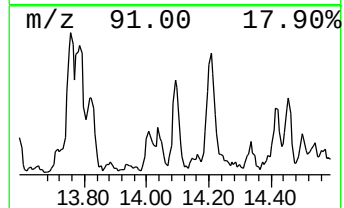
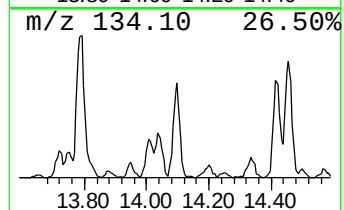
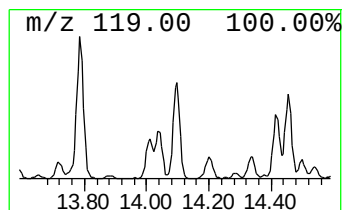
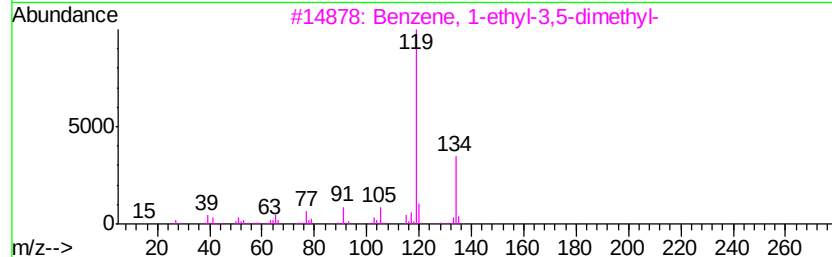
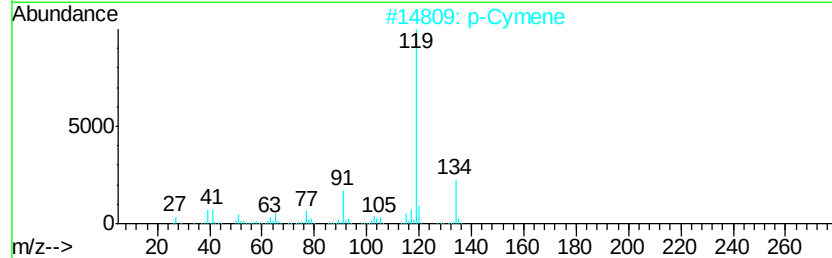
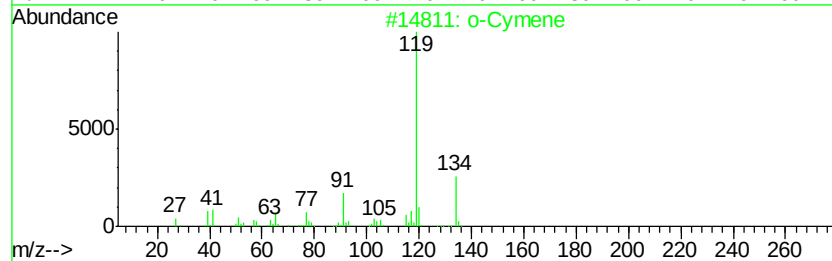
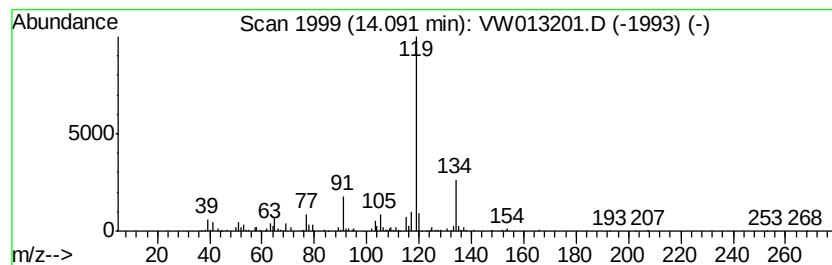
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	14.80 ug/l	165404	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 94
2		p-Cymene	134 C10H14	000099-87-6 93
3		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 90
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 90
5		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 90



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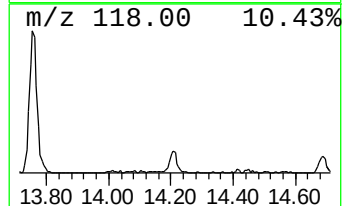
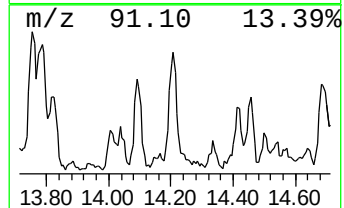
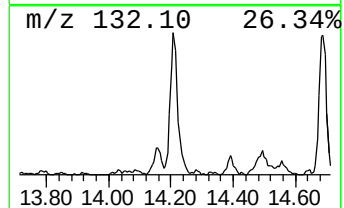
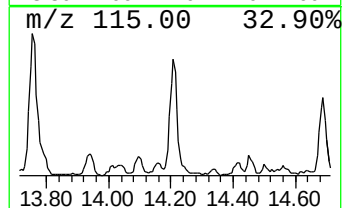
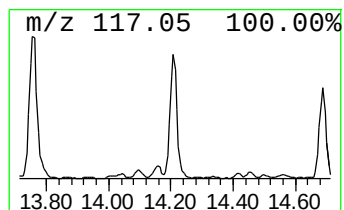
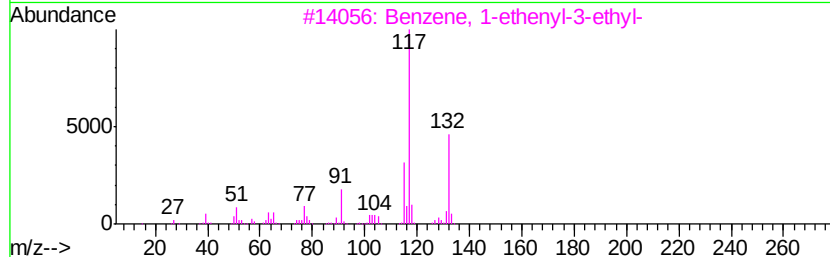
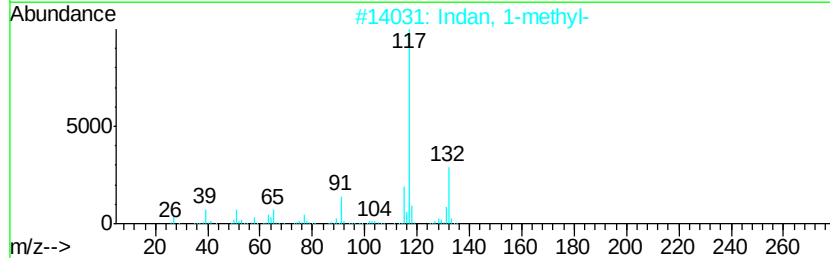
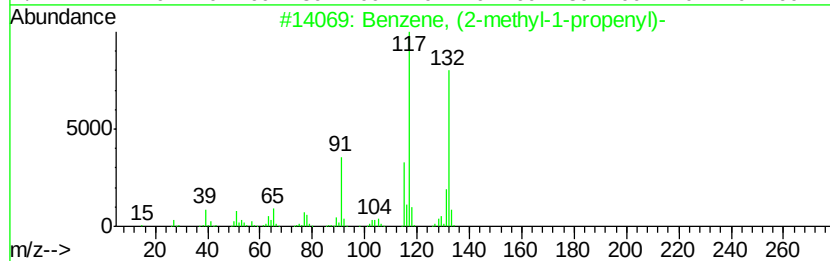
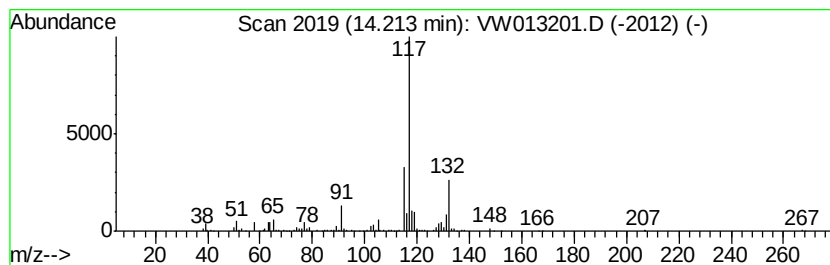
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	20.17 ug/l	225503	1,4-Dichlorobenzene-d4	13.55

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72



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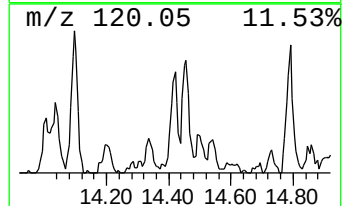
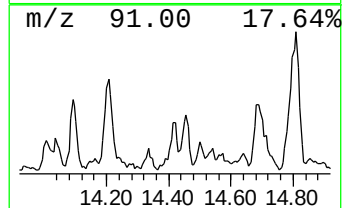
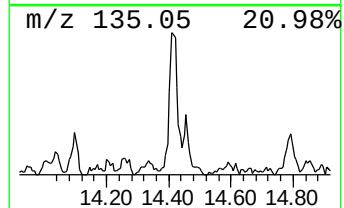
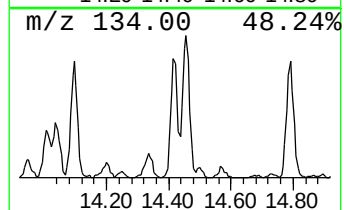
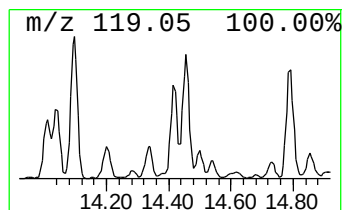
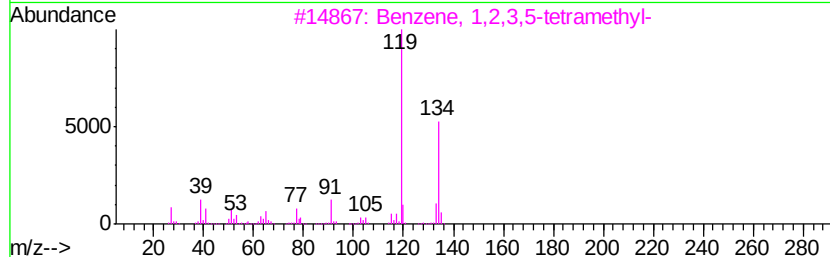
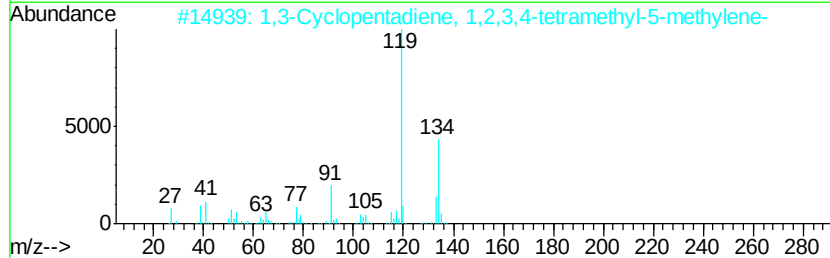
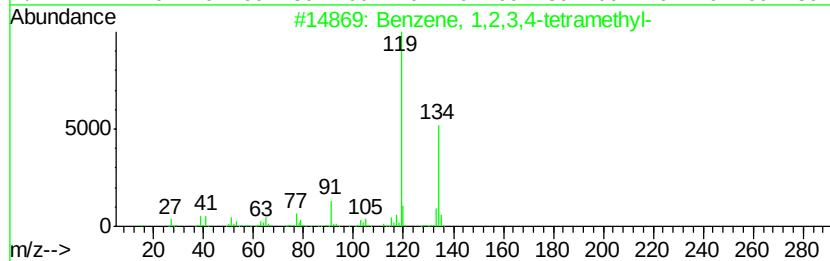
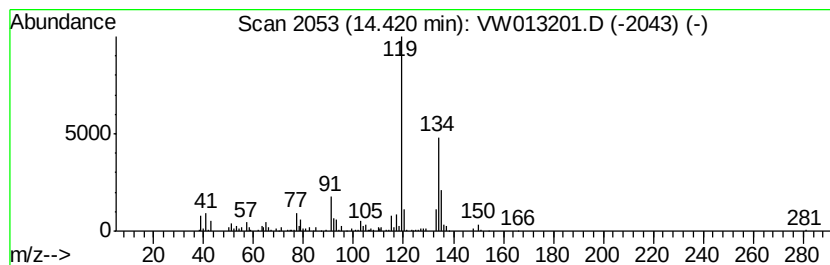
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	13.44 ug/l	150188	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013201.D
Acq On : 21 Sep 2019 00:03
Operator : SY/VA
Sample : K4918-08
Misc : 2.92G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-9

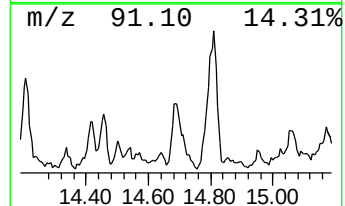
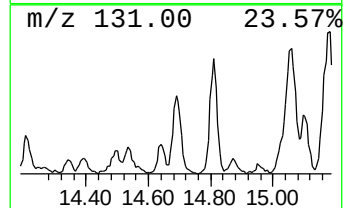
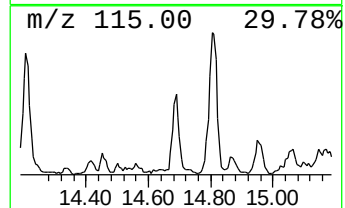
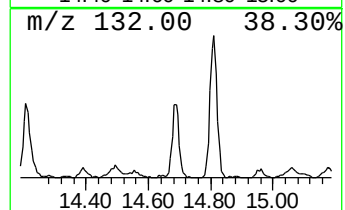
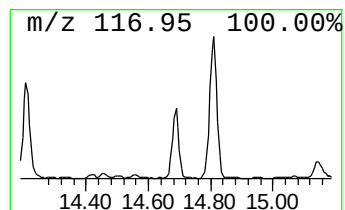
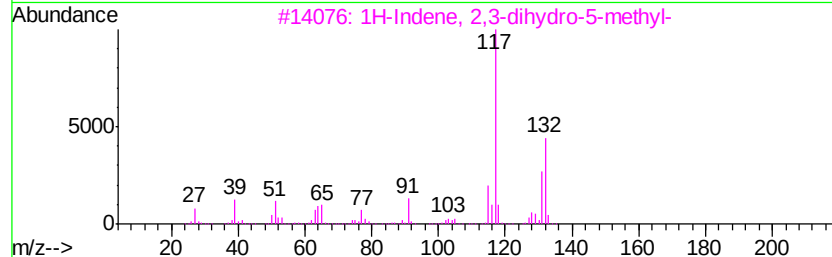
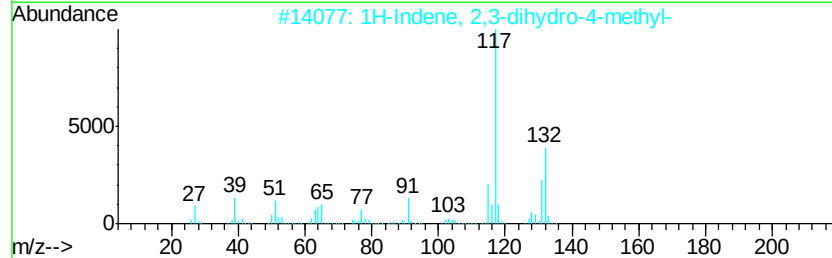
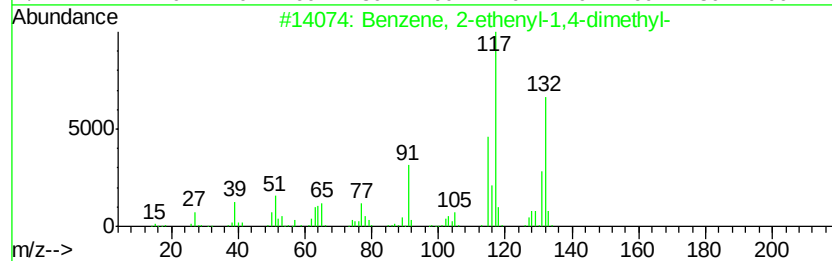
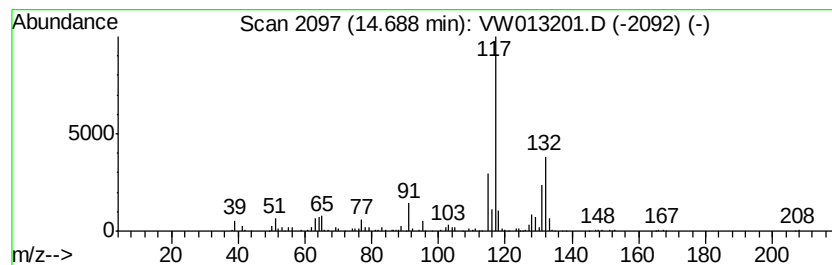
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	16.29 ug/l	182045	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013201.D
Acq On : 21 Sep 2019 00:03
Operator : SY/VA
Sample : K4918-08
Misc : 2.92G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-9

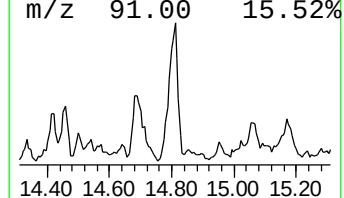
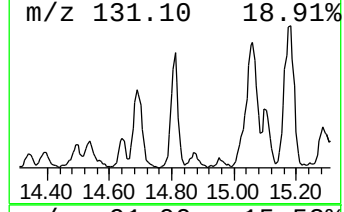
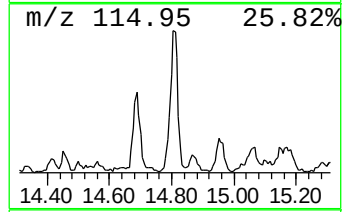
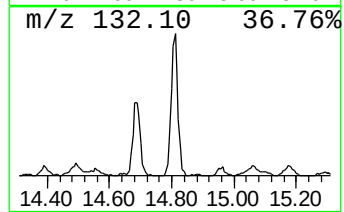
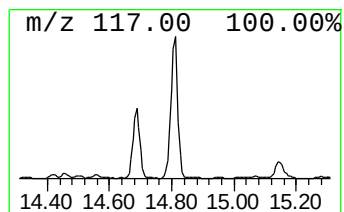
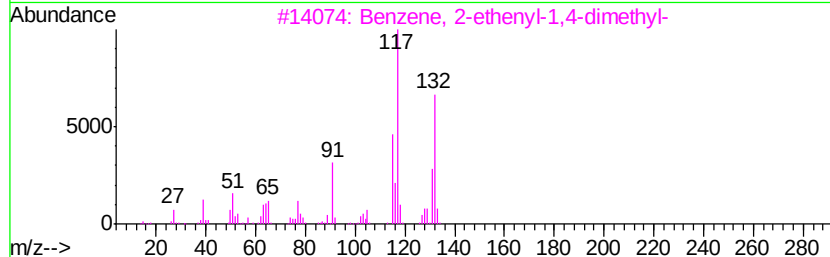
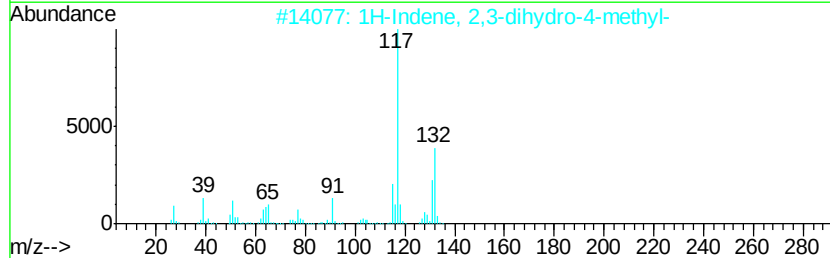
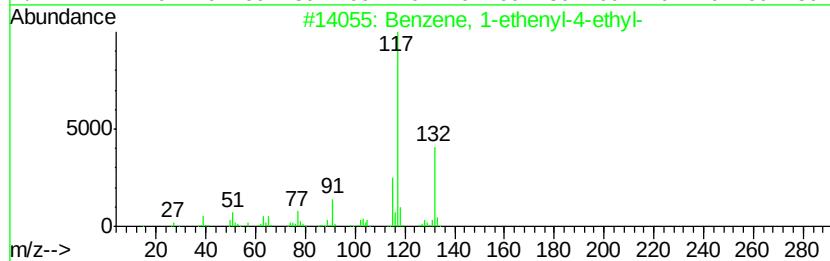
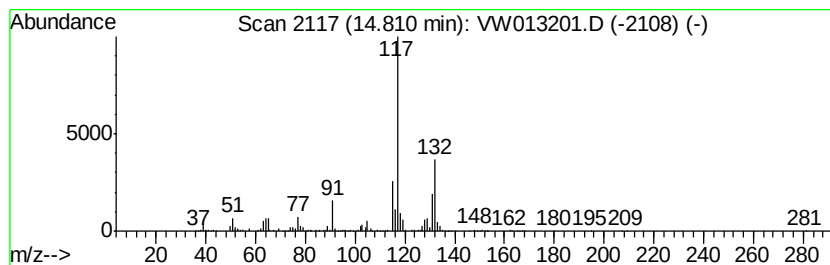
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	51.49 ug/l	575534	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013201.D
Acq On : 21 Sep 2019 00:03
Operator : SY/VA
Sample : K4918-08
Misc : 2.92G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

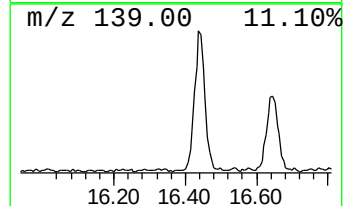
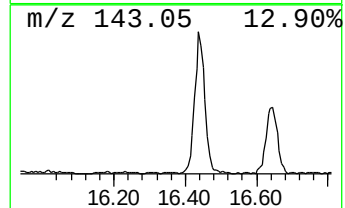
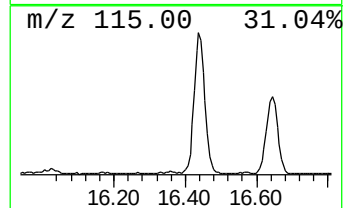
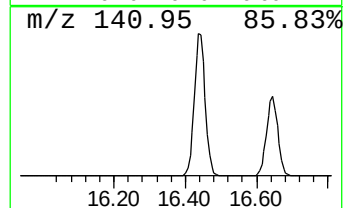
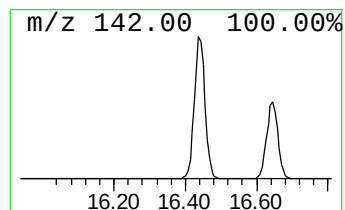
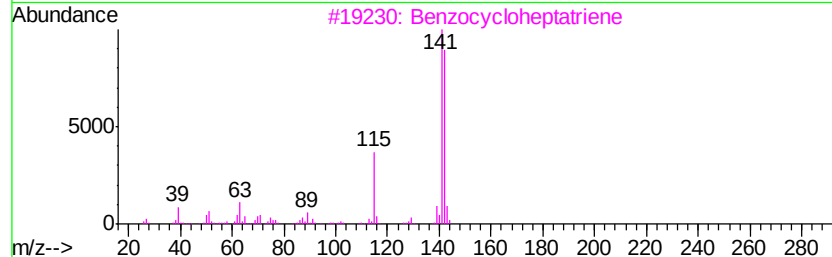
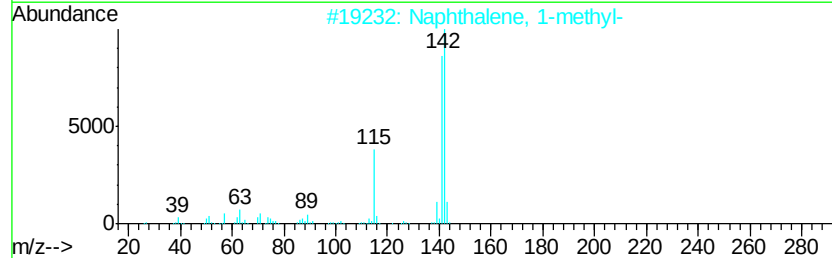
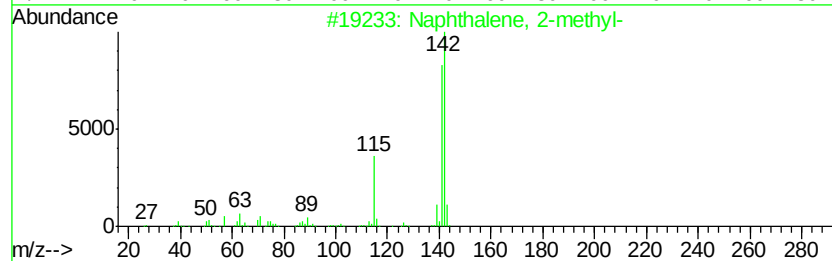
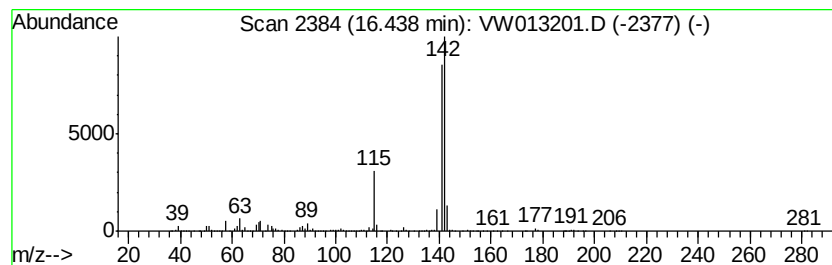
Instrument :
MSVOA_W
ClientSampleId :
SB-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	80.24 ug/l	896909	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
3		Benzocycloheptatriene	142 C11H10	000264-09-5 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
5		Spiro(tricyclo[6.2.1.0(2,7)]unde...	186 C13H14O	1000210-02-3 78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092019\
Data File : VW013201.D
Acq On : 21 Sep 2019 00:03
Operator : SY/VA
Sample : K4918-08
Misc : 2.92G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.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-ethyl-...	12.87	14.2	ug/l	158324	4	13.55	558906	50.0
Indane	13.76	25.6	ug/l	285578	4	13.55	558906	50.0
o-Cymene	14.09	14.8	ug/l	165404	4	13.55	558906	50.0
Benzene, (2-methy...	14.21	20.2	ug/l	225503	4	13.55	558906	50.0
Benzene, 1,2,3,4-...	14.42	13.4	ug/l	150188	4	13.55	558906	50.0
Benzene, 2-etheny...	14.69	16.3	ug/l	182045	4	13.55	558906	50.0
Benzene, 1-etheny...	14.81	51.5	ug/l	575534	4	13.55	558906	50.0
Naphthalene, 1-me...	16.44	80.2	ug/l	896909	4	13.55	558906	50.0