

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013022.D
 Acq On : 15 Sep 2019 05:18
 Operator : SY/VA
 Sample : K4850-01
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(5)

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\82W091419S.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	11	rBV2	7094	11380	1.35%	0.125%
2	1.983	11	13	26	rVB	21561	34724	4.12%	0.381%
3	2.154	36	41	47	rBV	21780	36586	4.35%	0.401%
4	2.702	117	131	136	rBV	12385	38999	4.63%	0.427%
5	4.123	354	364	373	rBV	13022	37365	4.44%	0.410%
6	4.373	394	405	414	rBV	19176	55289	6.57%	0.606%
7	4.903	483	492	504	rBV4	5844	20254	2.41%	0.222%
8	7.171	859	864	871	rVB3	4252	11615	1.38%	0.127%
9	7.884	972	981	985	rBV2	102701	245410	29.15%	2.690%
10	7.945	985	991	1004	rVB	236931	527033	62.60%	5.776%
11	8.305	1040	1050	1062	rBV	111139	248347	29.50%	2.722%
12	8.445	1066	1073	1081	rVB6	4792	11725	1.39%	0.129%
13	8.842	1128	1138	1152	rBV	313714	628616	74.66%	6.889%
14	9.329	1204	1218	1224	rVB8	3743	10090	1.20%	0.111%
15	9.701	1277	1279	1284	rVV3	6639	12077	1.43%	0.132%
16	9.756	1284	1288	1296	rVB7	5840	12847	1.53%	0.141%
17	10.201	1355	1361	1370	rVB4	8588	16871	2.00%	0.185%
18	10.323	1370	1381	1388	rBV	470176	841949	100.00%	9.227%
19	10.390	1388	1392	1399	rVB	13012	25208	2.99%	0.276%
20	10.500	1402	1410	1418	rBV5	15650	36774	4.37%	0.403%
21	10.658	1432	1436	1439	rBV4	5653	8996	1.07%	0.099%
22	10.744	1445	1450	1461	rVB5	15877	43812	5.20%	0.480%
23	11.012	1490	1494	1497	rBV3	8788	14715	1.75%	0.161%
24	11.055	1497	1501	1505	rVV	25572	39733	4.72%	0.435%
25	11.097	1505	1508	1512	rVV4	9789	13993	1.66%	0.153%
26	11.231	1526	1530	1536	rVB6	9678	15396	1.83%	0.169%
27	11.329	1544	1546	1552	rVB4	8211	12031	1.43%	0.132%
28	11.439	1552	1564	1567	rBV8	16537	42934	5.10%	0.471%
29	11.548	1577	1582	1586	rVB4	19478	33289	3.95%	0.365%
30	11.628	1587	1595	1607	rBV	378768	669639	79.53%	7.339%
31	11.731	1607	1612	1615	rBV4	19318	32418	3.85%	0.355%
32	11.774	1615	1619	1622	rBV2	12633	19375	2.30%	0.212%
33	11.841	1628	1630	1648	rVB9	24301	67880	8.06%	0.744%
34	11.987	1648	1654	1655	rBV6	5174	10338	1.23%	0.113%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	12.030	1658	1661	1666	rVB3	8389	12749	1.51%	0.140%
36	12.134	1672	1678	1681	rBV7	10059	21527	2.56%	0.236%
37	12.189	1681	1687	1690	rVV7	8984	21562	2.56%	0.236%
38	12.323	1705	1709	1711	rBV5	12033	18326	2.18%	0.201%
39	12.378	1713	1718	1722	rVB7	19213	38494	4.57%	0.422%
40	12.463	1722	1732	1737	rBV	210779	369170	43.85%	4.046%
41	12.615	1751	1757	1767	rVB	280483	482699	57.33%	5.290%
42	12.786	1780	1785	1786	rBV5	18661	30007	3.56%	0.329%
43	12.896	1798	1803	1811	rBV	49978	92218	10.95%	1.011%
44	13.103	1834	1837	1845	rVB	31004	50905	6.05%	0.558%
45	13.255	1858	1862	1864	rBV5	11528	18864	2.24%	0.207%
46	13.365	1873	1880	1889	rBV5	53227	148945	17.69%	1.632%
47	13.444	1891	1893	1898	rVV5	25428	39081	4.64%	0.428%
48	13.505	1899	1903	1906	rVV3	27468	48673	5.78%	0.533%
49	13.554	1906	1911	1919	rVB	294880	494848	58.77%	5.423%
50	13.652	1919	1927	1932	rBV	60896	115176	13.68%	1.262%
51	13.719	1932	1938	1941	rVV	49836	84644	10.05%	0.928%
52	13.755	1941	1944	1948	rVV	59651	87682	10.41%	0.961%
53	13.798	1948	1951	1958	rVB2	40170	64933	7.71%	0.712%
54	13.877	1959	1964	1969	rVV2	84380	142824	16.96%	1.565%
55	13.944	1969	1975	1982	rVB3	120798	206131	24.48%	2.259%
56	14.078	1995	1997	2007	rVB6	28359	61088	7.26%	0.669%
57	14.206	2008	2018	2023	rBV	480568	827916	98.33%	9.074%
58	14.249	2023	2025	2034	rVB4	51452	107948	12.82%	1.183%
59	14.328	2034	2038	2043	rBV7	14839	26189	3.11%	0.287%
60	14.420	2043	2053	2057	rBV2	234546	487820	57.94%	5.346%
61	14.499	2061	2066	2071	rBV4	60209	118323	14.05%	1.297%
62	14.639	2087	2089	2093	rVB3	11616	13181	1.57%	0.144%
63	14.725	2100	2103	2108	rVB2	24861	38759	4.60%	0.425%
64	14.786	2109	2113	2121	rVB3	21569	47021	5.58%	0.515%
65	14.871	2123	2127	2136	rVB7	31234	64990	7.72%	0.712%
66	14.956	2137	2141	2145	rBV3	19286	38745	4.60%	0.425%
67	15.066	2152	2159	2166	rBV2	99018	221712	26.33%	2.430%
68	15.182	2172	2178	2184	rVB2	73980	143829	17.08%	1.576%
69	15.279	2191	2194	2204	rVB7	21707	59332	7.05%	0.650%
70	15.371	2205	2209	2211	rBV3	11843	18042	2.14%	0.198%
71	15.420	2212	2217	2222	rVB6	20896	44416	5.28%	0.487%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.633	2248	2252	2256	rBV6	10396	15750	1.87%	0.173%
73	15.737	2265	2269	2275	rVB9	12414	24869	2.95%	0.273%
74	15.859	2284	2289	2292	rBV7	7391	14210	1.69%	0.156%
75	15.968	2299	2307	2314	rBV6	28557	92805	11.02%	1.017%
76	16.157	2334	2338	2343	rBV8	5362	11451	1.36%	0.125%
77	16.377	2368	2374	2382	rVB2	44697	93978	11.16%	1.030%
78	16.645	2411	2418	2426	rVB2	29393	74940	8.90%	0.821%

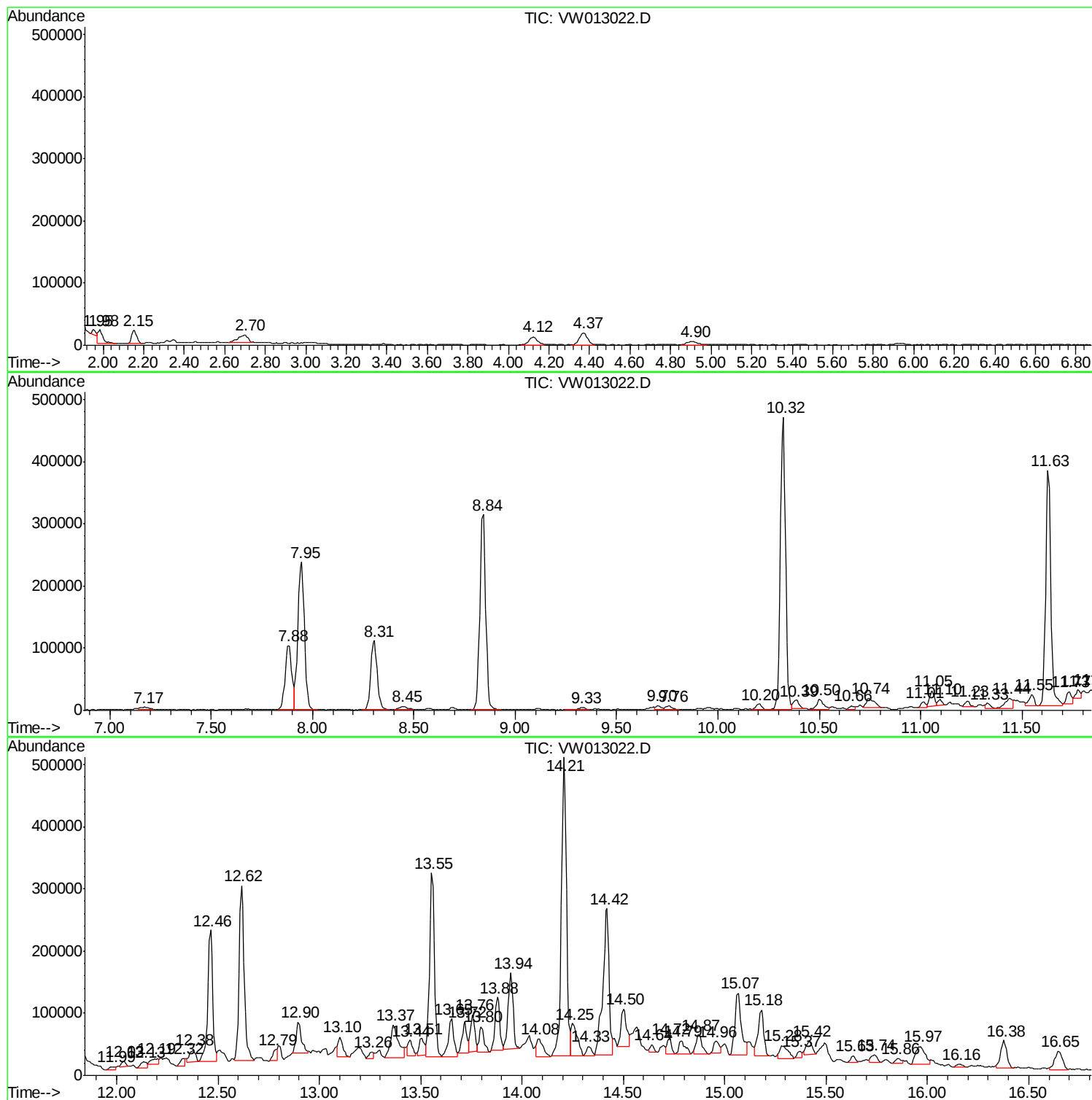
Sum of corrected areas: 9124480

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Instrument :
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ClientSampleId :
AOC-7(5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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



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Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AOC-7(-5)

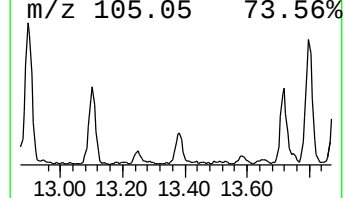
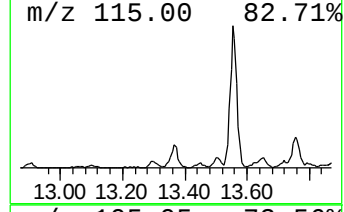
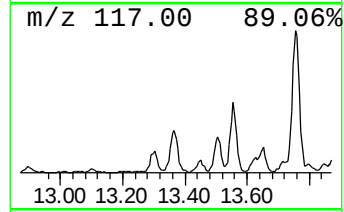
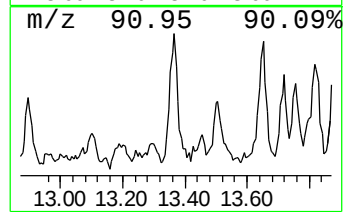
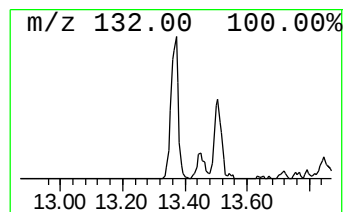
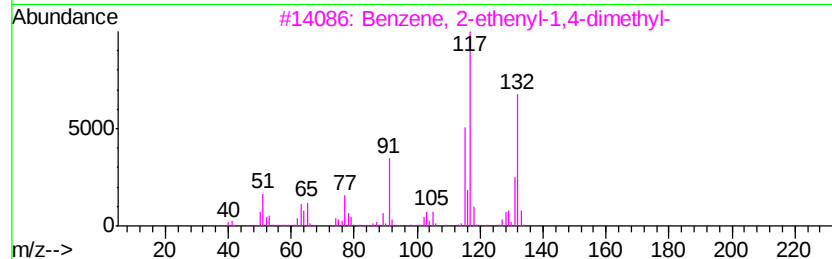
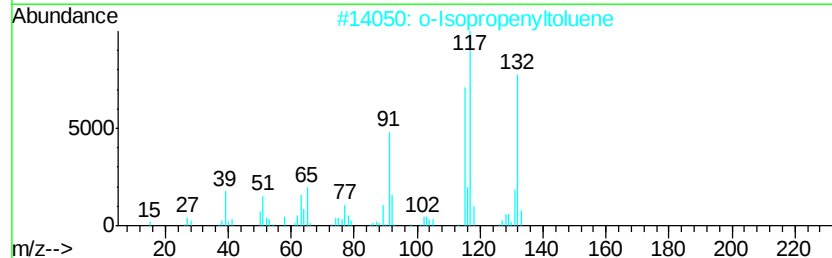
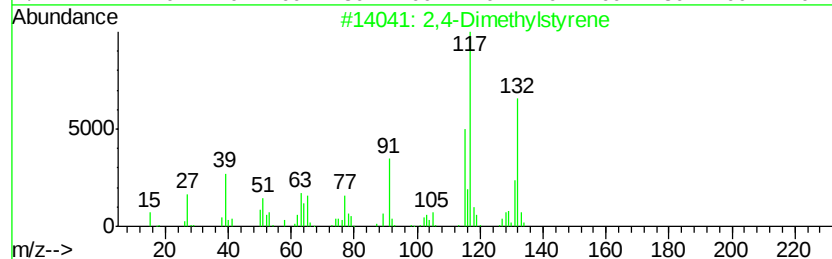
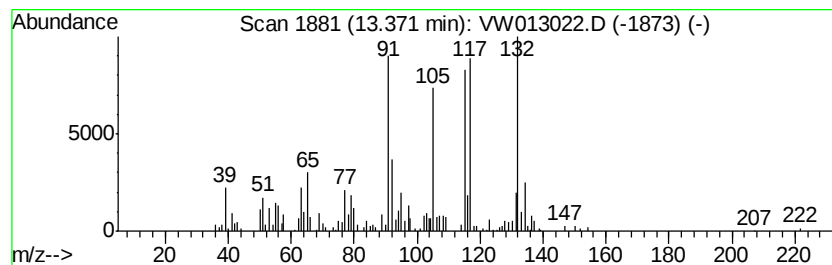
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 1 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	15.05 ug/l	148945	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2		o-Isopropenyltoluene	132	C10H12	007399-49-7	94
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
5		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	92



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Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

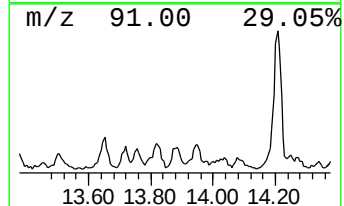
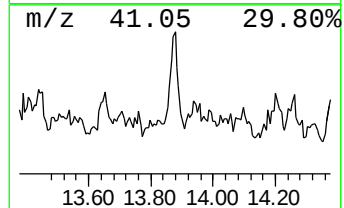
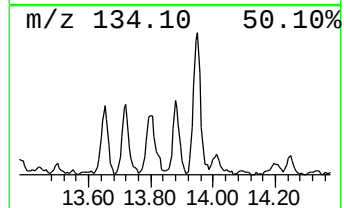
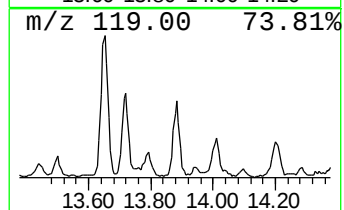
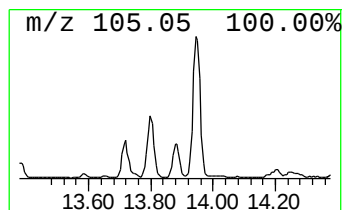
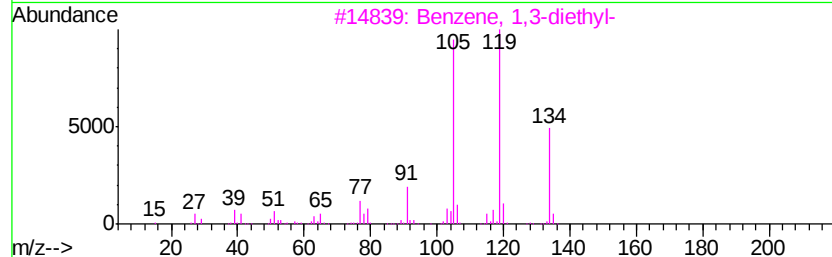
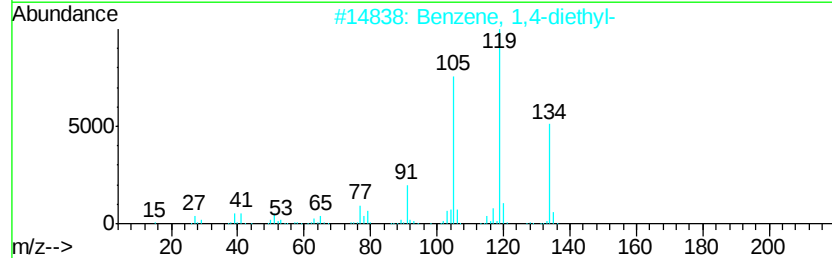
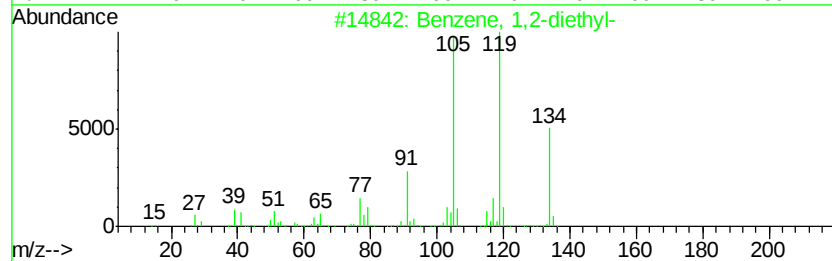
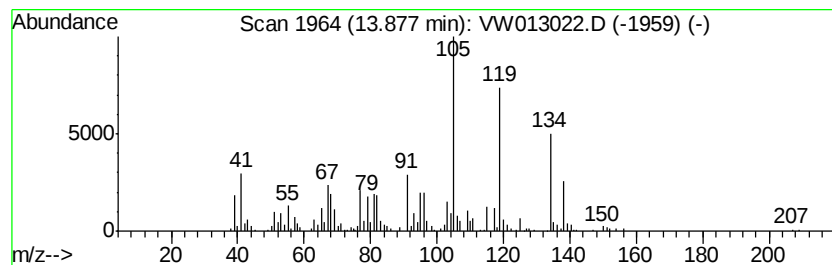
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.43 ug/l	142824	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 70
2		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 58
3		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 52
4		1,3,8-p-Menthatriene	134 C10H14	018368-95-1 49
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 49



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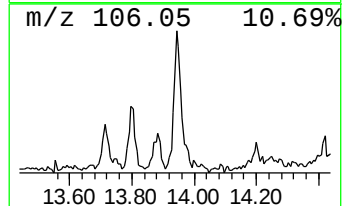
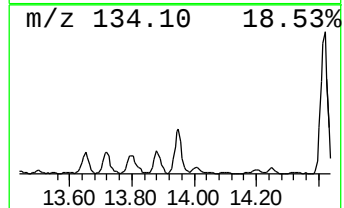
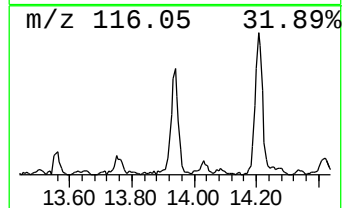
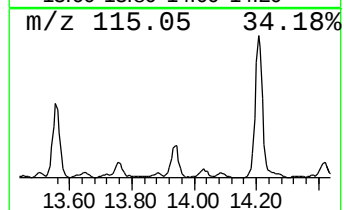
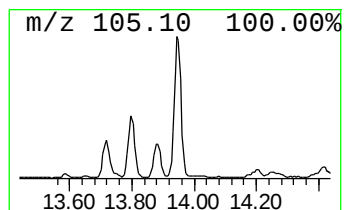
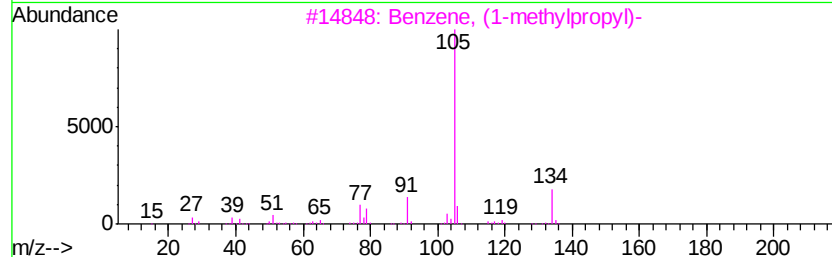
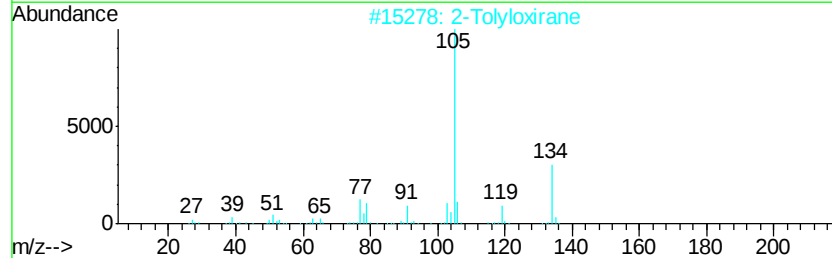
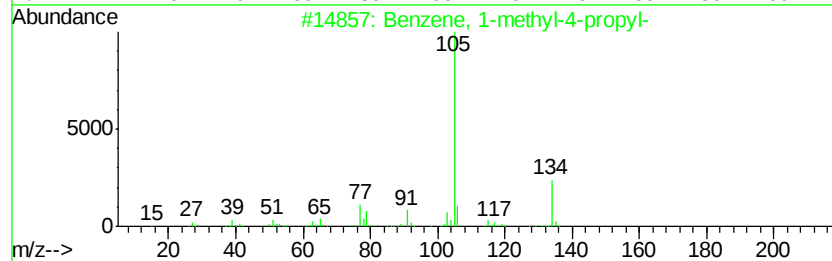
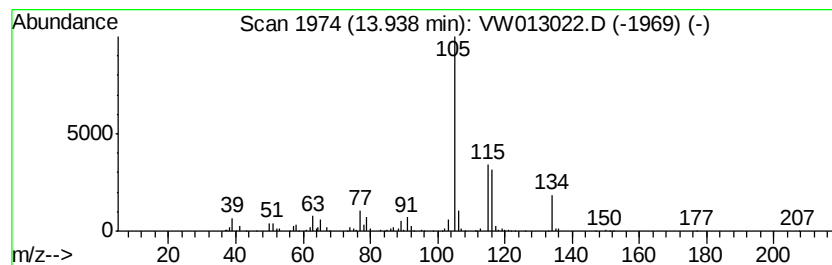
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	20.83 ug/l	206131	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
2		2-Tolyloxirane	134	C9H10O	002783-26-8	58
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	53



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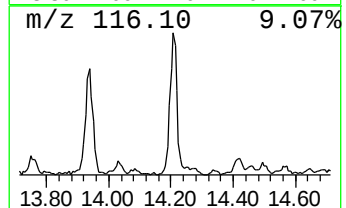
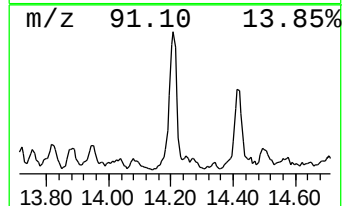
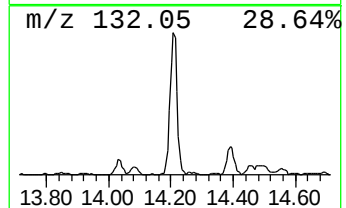
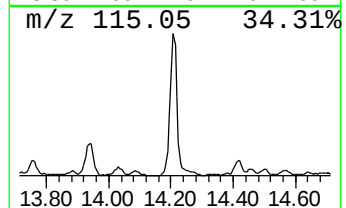
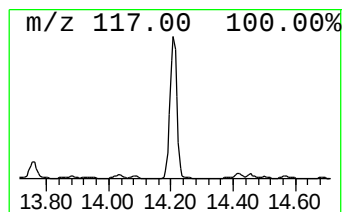
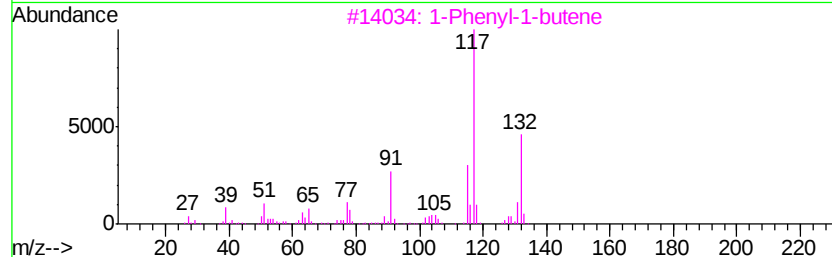
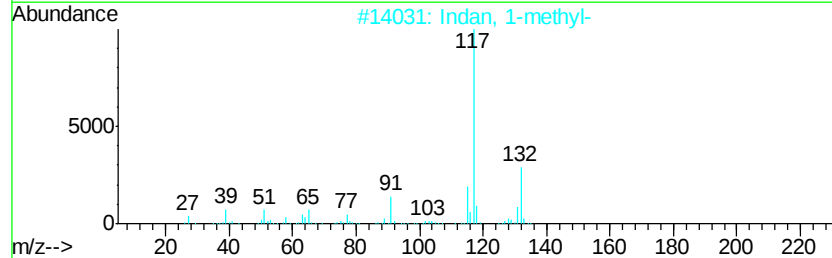
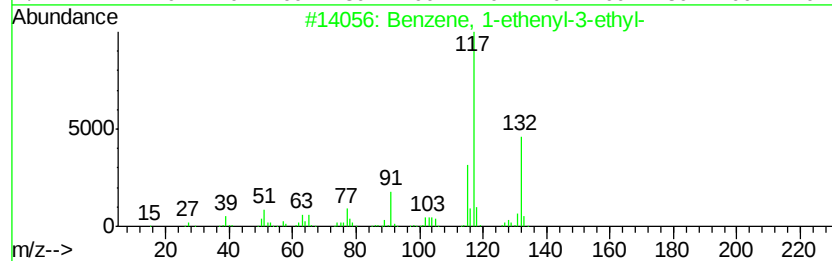
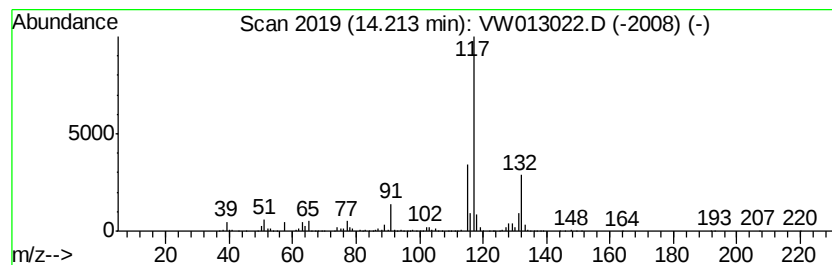
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	83.65 ug/l	827916	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(5)

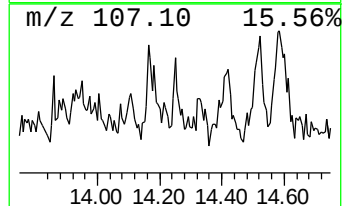
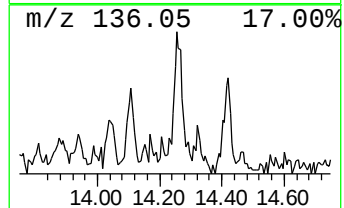
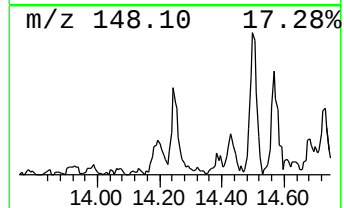
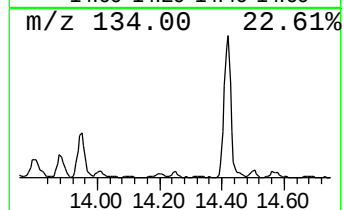
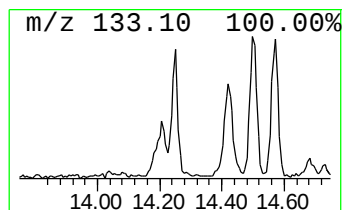
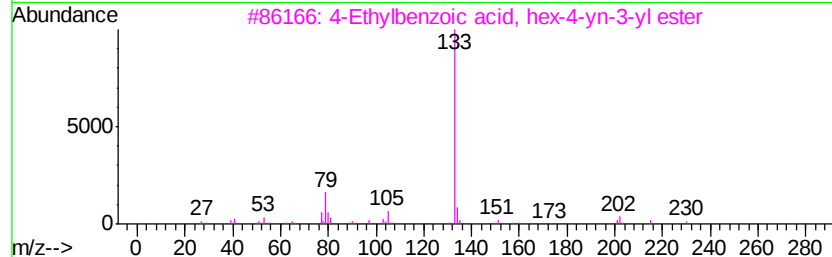
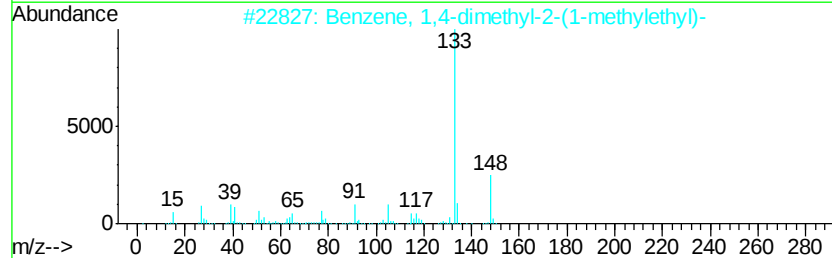
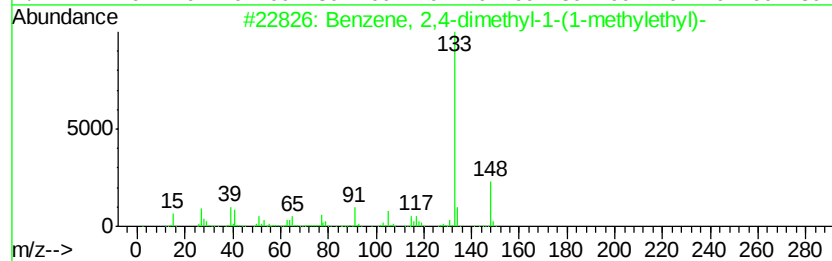
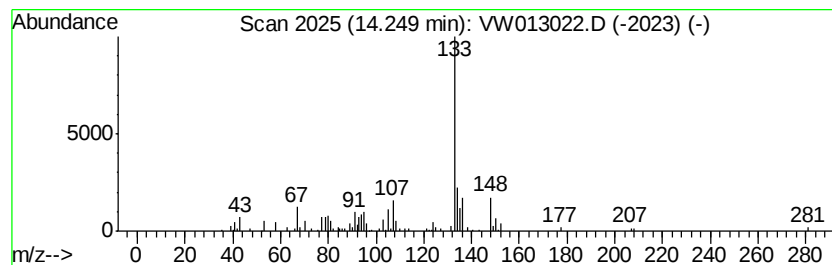
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.25 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	10.91 ug/l	107948	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	49
2		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	47
3		4-Ethylbenzoic acid, hex-4-yn-3-...	230	C15H18O2	1000292-54-3	43
4		4-Ethylbenzoic acid, 2-methoxyet...	208	C12H16O3	1000331-30-6	43
5		4-Ethylbenzoic acid, 2-fluorophe...	244	C15H13FO2	1000325-73-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(-5)

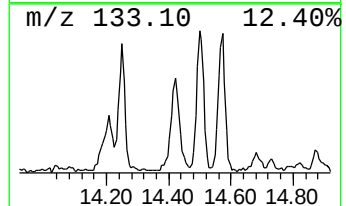
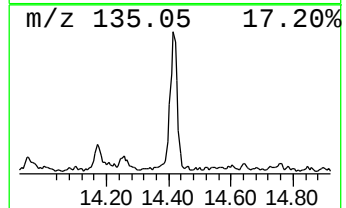
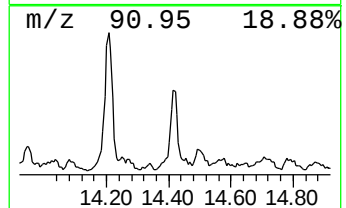
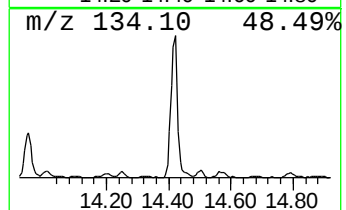
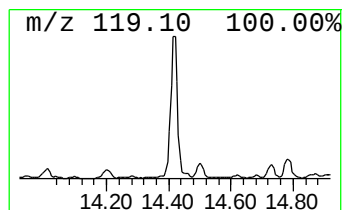
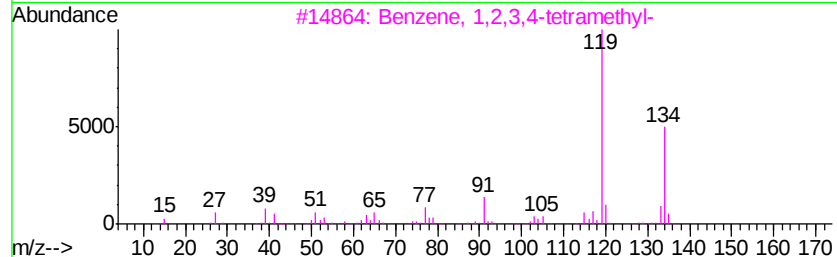
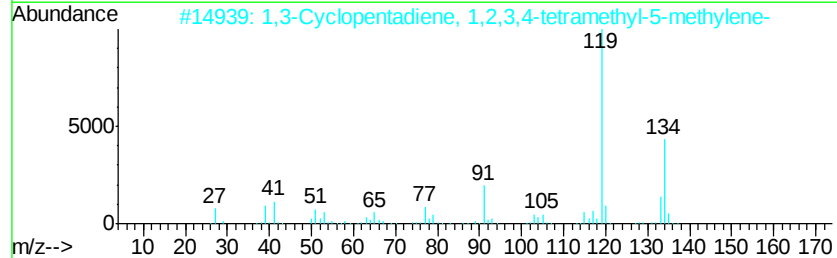
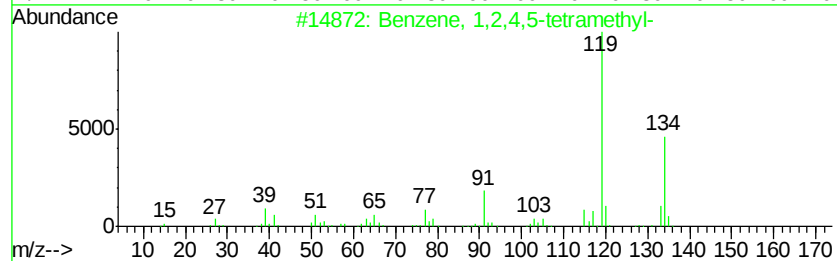
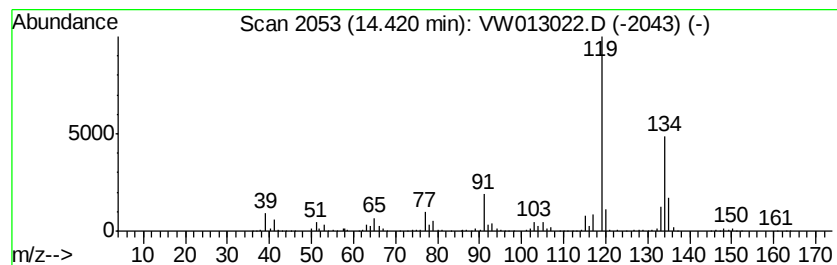
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	49.29 ug/l	487820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(5)

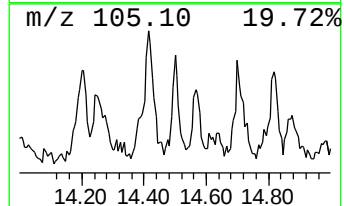
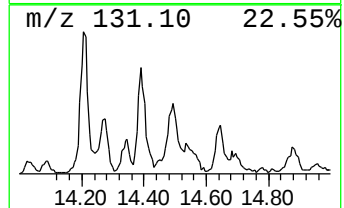
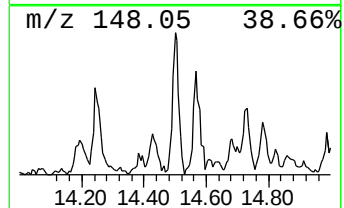
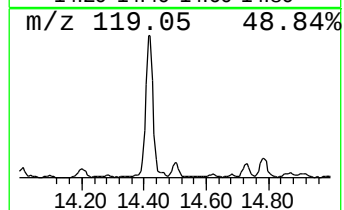
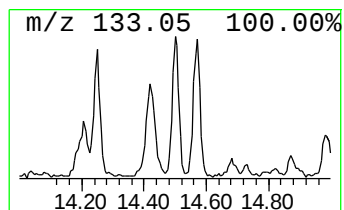
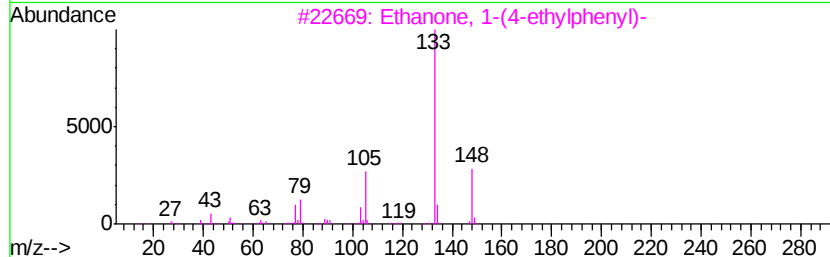
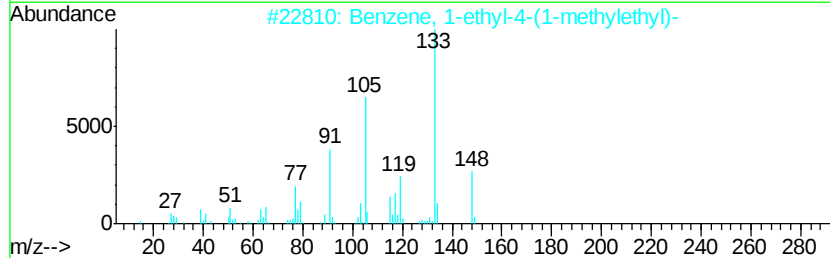
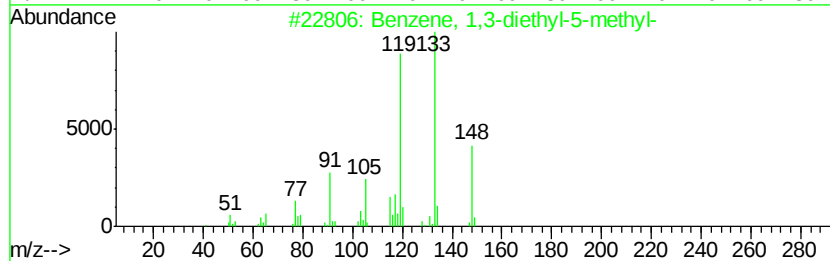
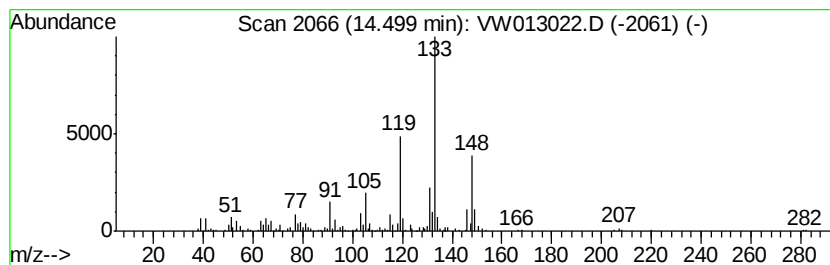
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	11.96 ug/l	118323	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	50
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(-5)

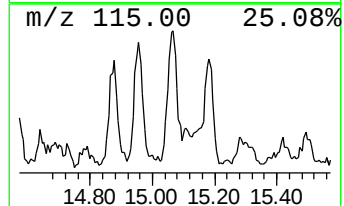
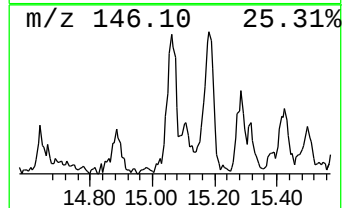
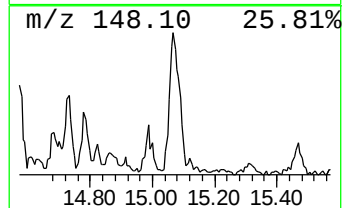
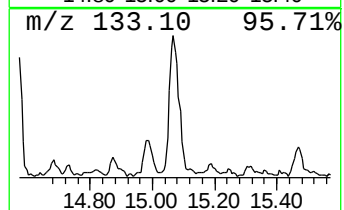
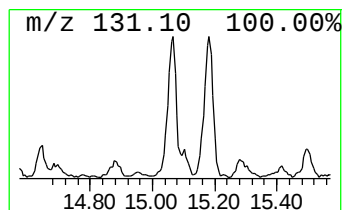
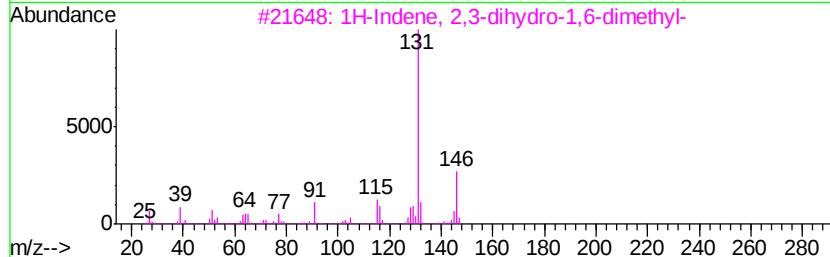
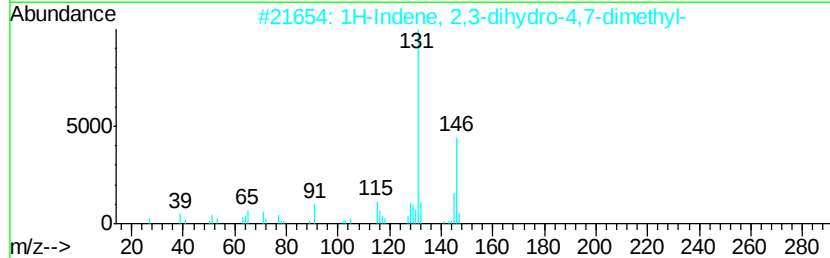
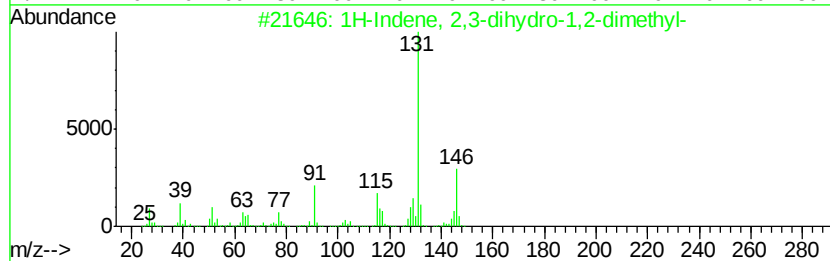
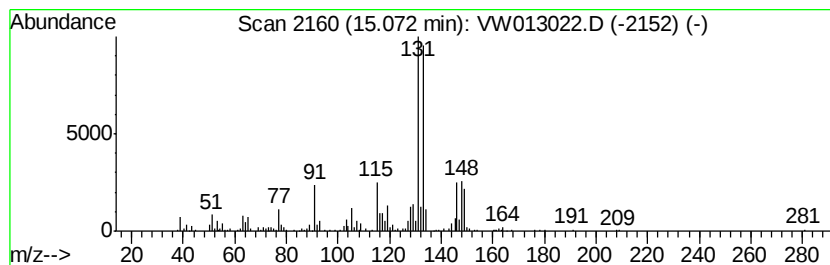
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Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	22.40 ug/l	221712	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(5)

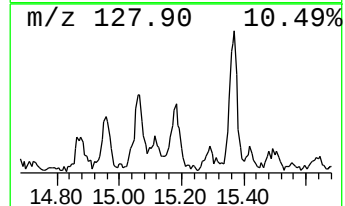
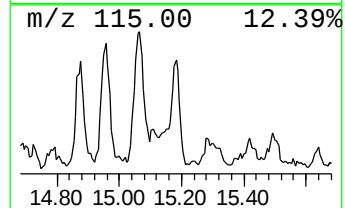
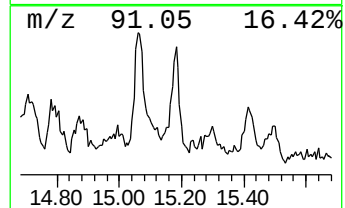
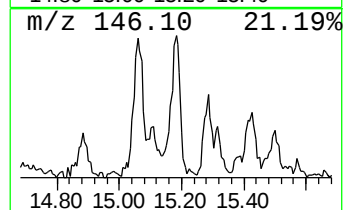
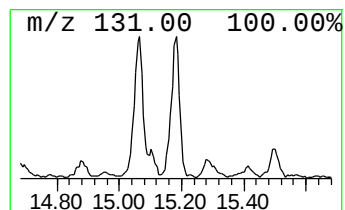
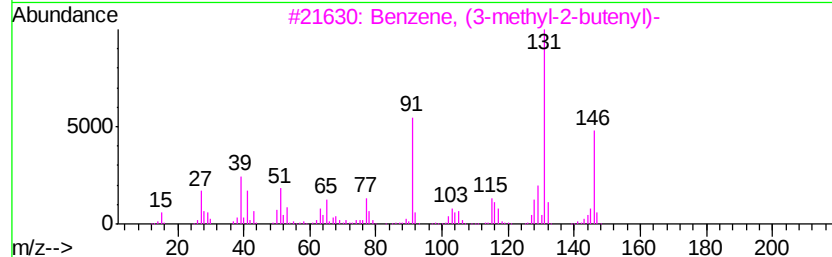
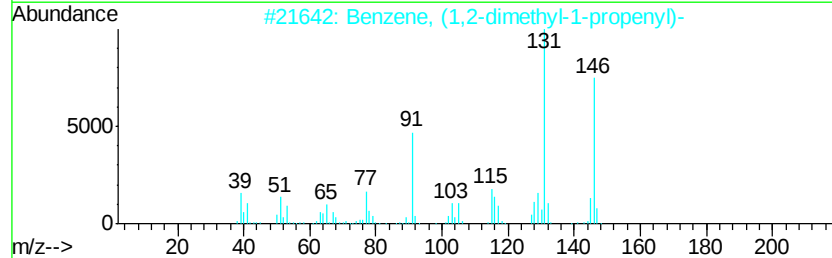
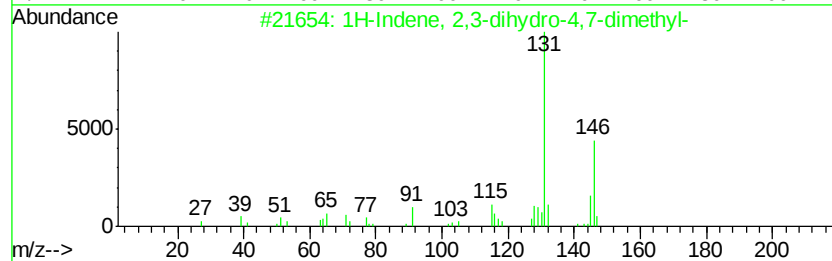
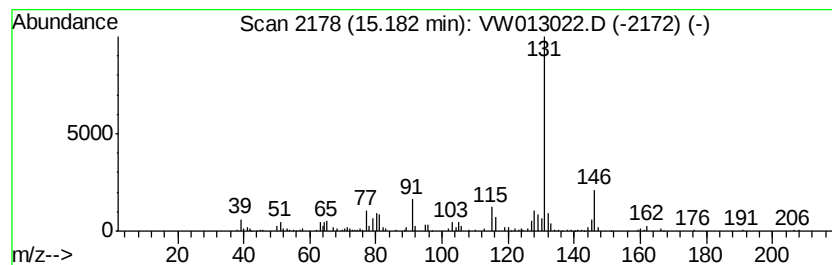
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	14.53 ug/l	143829	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091519\
Data File : VW013022.D
Acq On : 15 Sep 2019 05:18
Operator : SY/VA
Sample : K4850-01
Misc : 4.93G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.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
2,4-Dimethylstyrene	13.37	15.1	ug/l	148945	4	13.56	494848	50.0
Benzene, 1,2-diet...	13.88	14.4	ug/l	142824	4	13.56	494848	50.0
Benzene, 1-methyl...	13.94	20.8	ug/l	206131	4	13.56	494848	50.0
Benzene, 1-etheny...	14.21	83.7	ug/l	827916	4	13.56	494848	50.0
unknown14.25	14.25	10.9	ug/l	107948	4	13.56	494848	50.0
Benzene, 1,2,4,5-...	14.42	49.3	ug/l	487820	4	13.56	494848	50.0
Benzene, 1,3-diet...	14.50	12.0	ug/l	118323	4	13.56	494848	50.0
1H-Indene, 2,3-di...	15.07	22.4	ug/l	221712	4	13.56	494848	50.0
1H-Indene, 2,3-di...	15.18	14.5	ug/l	143829	4	13.56	494848	50.0