

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003936.D
 Acq On : 14 Jul 2018 00:30
 Operator : VA/AP
 Sample : J3821-03
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-B

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\82W070718S.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	1.746	18	26	28	rBV	9834	17843	1.90%	0.139%
2	1.800	28	35	56	rVB	372603	897968	95.56%	6.988%
3	4.148	408	420	438	rBV	15358	52136	5.55%	0.406%
4	4.910	534	545	561	rBV2	14157	50479	5.37%	0.393%
5	5.928	703	712	722	rBV2	8670	25720	2.74%	0.200%
6	7.153	903	913	931	rBV2	11729	41069	4.37%	0.320%
7	7.885	1023	1033	1038	rBV	143878	337268	35.89%	2.625%
8	7.952	1038	1044	1055	rVB	255050	565844	60.21%	4.404%
9	8.311	1093	1103	1118	rVB	157201	350018	37.25%	2.724%
10	8.842	1182	1190	1200	rBV	396391	786200	83.66%	6.118%
11	10.329	1425	1434	1441	rBV	536462	939720	100.00%	7.313%
12	10.390	1441	1444	1454	rVB	8899	15750	1.68%	0.123%
13	11.634	1640	1648	1657	rBV	469130	801902	85.33%	6.241%
14	11.841	1673	1682	1690	rBV2	11058	25035	2.66%	0.195%
15	12.171	1726	1736	1744	rBV2	16093	33706	3.59%	0.262%
16	12.622	1804	1810	1818	rBV	317751	534368	56.86%	4.159%
17	12.811	1834	1841	1845	rBV	16593	28383	3.02%	0.221%
18	12.872	1845	1851	1854	rVV	67688	108613	11.56%	0.845%
19	12.908	1854	1857	1860	rVV	44847	71795	7.64%	0.559%
20	12.951	1860	1864	1870	rVV	86710	144849	15.41%	1.127%
21	13.109	1883	1890	1897	rBV	88192	151909	16.17%	1.182%
22	13.262	1908	1915	1920	rBV	230461	371655	39.55%	2.892%
23	13.390	1927	1936	1940	rBV2	19403	42330	4.50%	0.329%
24	13.451	1941	1946	1951	rBV3	40087	65766	7.00%	0.512%
25	13.506	1951	1955	1959	rVB	19741	28321	3.01%	0.220%
26	13.567	1959	1965	1968	rBV	366550	639864	68.09%	4.980%
27	13.731	1985	1992	1993	rBV	40513	61389	6.53%	0.478%
28	13.762	1993	1997	2000	rVV2	126088	213228	22.69%	1.659%
29	13.798	2000	2003	2013	rVB3	139644	285042	30.33%	2.218%
30	13.890	2013	2018	2023	rBV2	65416	111052	11.82%	0.864%
31	13.957	2023	2029	2034	rVV	112692	179524	19.10%	1.397%
32	14.018	2034	2039	2041	rVV	104661	158165	16.83%	1.231%
33	14.048	2041	2044	2049	rVV	134751	211903	22.55%	1.649%
34	14.103	2049	2053	2059	rVB	145904	233418	24.84%	1.817%

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35	14.170	2059	2064	2066	rBV	19000	28578	3.04%	0.222%
36	14.213	2066	2071	2076	rVB2	117531	190859	20.31%	1.485%
37	14.292	2076	2084	2087	rBV5	15733	41570	4.42%	0.324%
38	14.347	2087	2093	2097	rBV2	80763	128434	13.67%	1.000%
39	14.402	2097	2102	2103	rVV3	29933	47606	5.07%	0.370%
40	14.426	2103	2106	2109	rVV	83648	127319	13.55%	0.991%
41	14.469	2109	2113	2117	rVV	139719	213305	22.70%	1.660%
42	14.512	2117	2120	2123	rVV	60613	77861	8.29%	0.606%
43	14.554	2123	2127	2134	rVB3	39821	70997	7.56%	0.553%
44	14.652	2134	2143	2147	rBV5	52989	133281	14.18%	1.037%
45	14.701	2147	2151	2154	rVV2	75248	136478	14.52%	1.062%
46	14.737	2154	2157	2162	rVB2	105896	166428	17.71%	1.295%
47	14.804	2162	2168	2176	rBV3	287584	688312	73.25%	5.357%
48	14.865	2176	2178	2185	rVB	37831	55669	5.92%	0.433%
49	14.969	2190	2195	2202	rVV	177106	273587	29.11%	2.129%
50	15.079	2208	2213	2217	rBV2	85323	157475	16.76%	1.226%
51	15.188	2225	2231	2238	rVB3	86360	193326	20.57%	1.505%
52	15.335	2250	2255	2259	rBV5	21310	54302	5.78%	0.423%
53	15.371	2259	2261	2266	rVB2	32297	47469	5.05%	0.369%
54	15.432	2266	2271	2276	rBV	90694	181246	19.29%	1.410%
55	15.487	2276	2280	2281	rVV3	51481	80404	8.56%	0.626%
56	15.511	2282	2284	2291	rVV3	63361	134851	14.35%	1.049%
57	15.566	2291	2293	2302	rVB6	33294	64504	6.86%	0.502%
58	15.670	2302	2310	2317	rBV4	43039	110880	11.80%	0.863%
59	15.743	2319	2322	2327	rBV4	10669	16549	1.76%	0.129%
60	15.835	2333	2337	2339	rBV4	18823	31919	3.40%	0.248%
61	15.877	2339	2344	2352	rVB	123425	232827	24.78%	1.812%
62	15.969	2355	2359	2364	rVB7	18127	30752	3.27%	0.239%
63	16.042	2365	2371	2376	rBV3	18883	42332	4.50%	0.329%
64	16.194	2387	2396	2403	rBV2	89128	202047	21.50%	1.572%
65	16.389	2420	2428	2434	rBV2	52628	119331	12.70%	0.929%
66	16.456	2434	2439	2450	rVB6	36190	94044	10.01%	0.732%
67	16.664	2465	2473	2479	rBV6	24844	70931	7.55%	0.552%
68	16.712	2479	2481	2487	rVB4	12960	22082	2.35%	0.172%

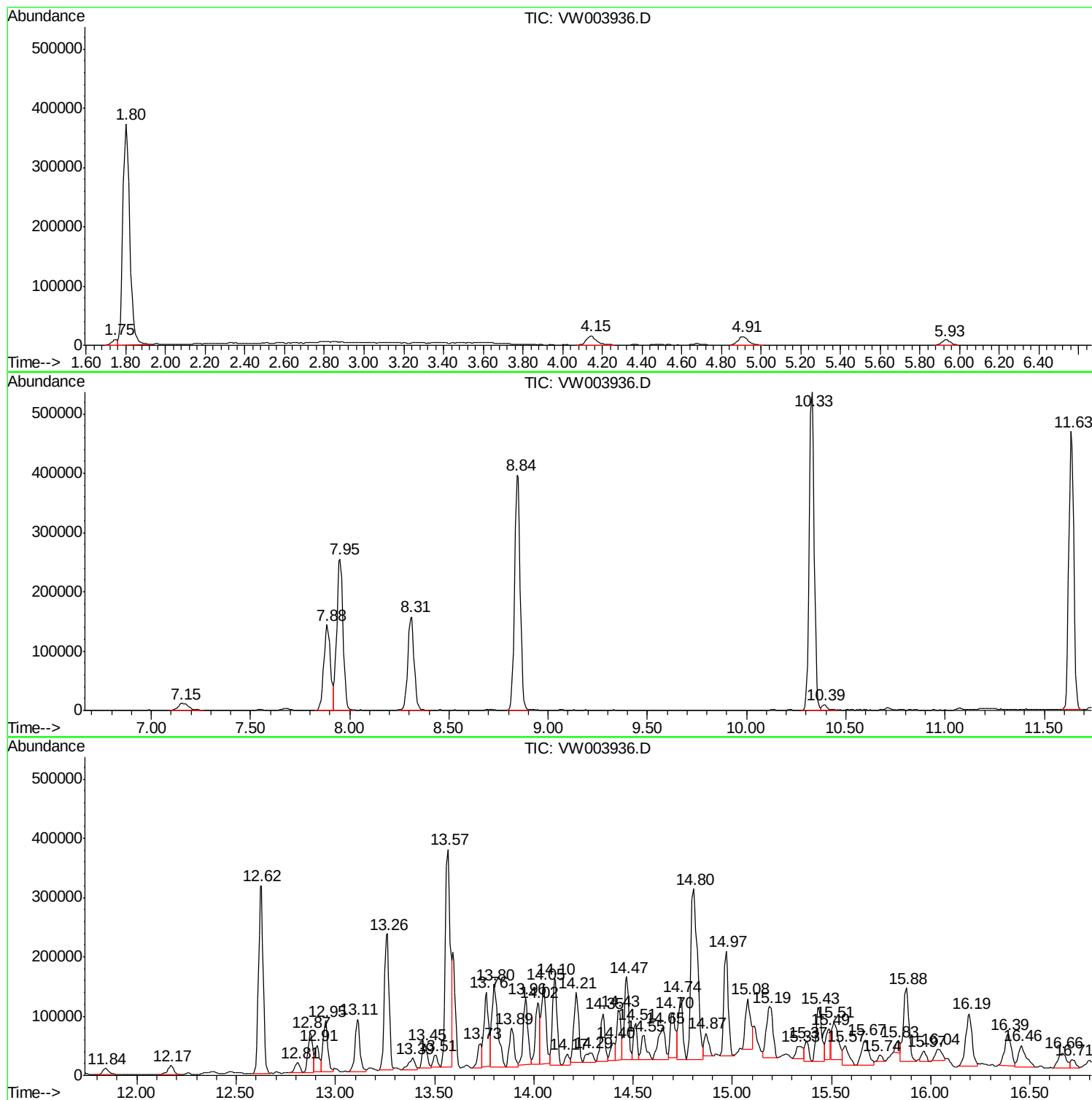
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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



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ClientSampleId :
HR-05-071218-B

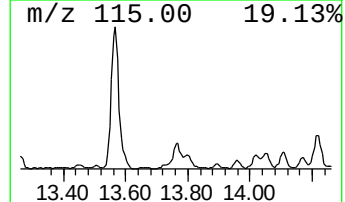
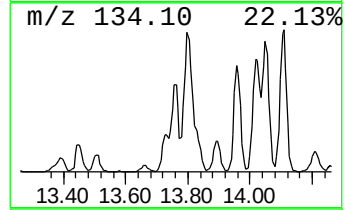
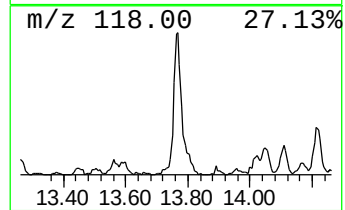
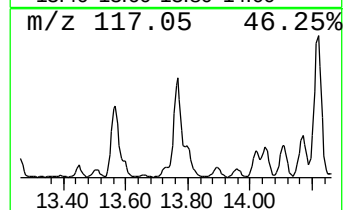
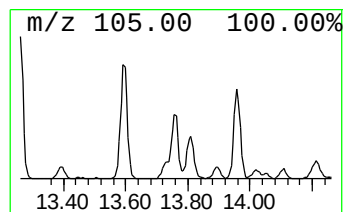
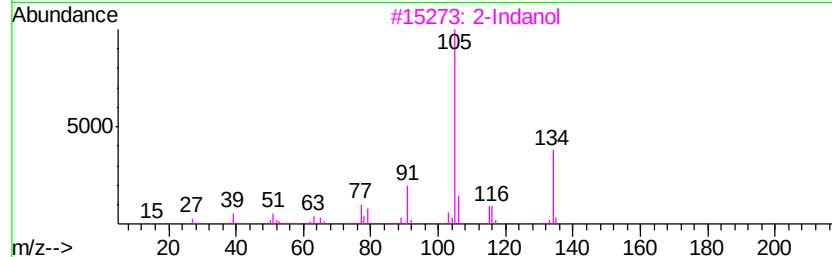
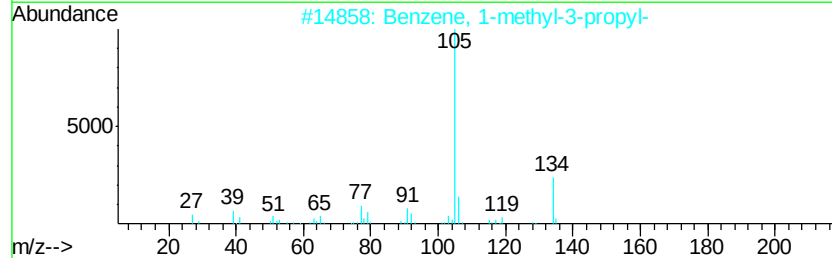
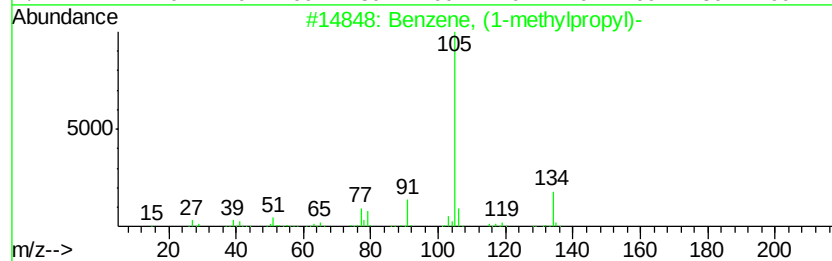
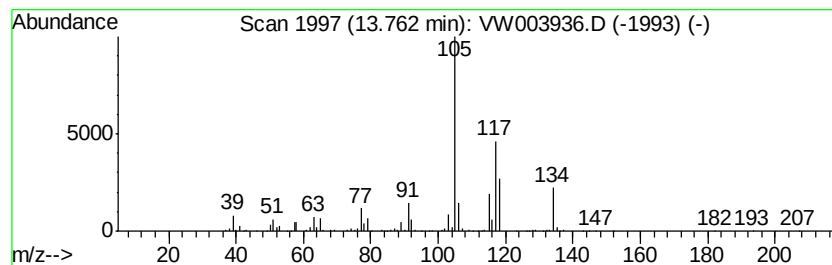
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	16.66 ug/l	213228	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	41
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41
3		2-Indanol	134	C9H10O	004254-29-9	38
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	30
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30



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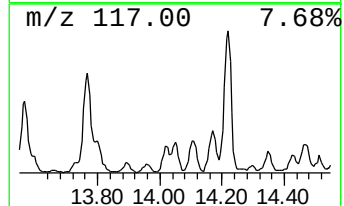
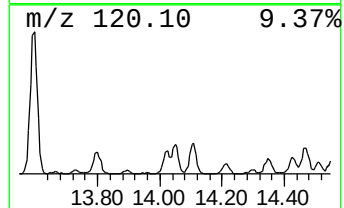
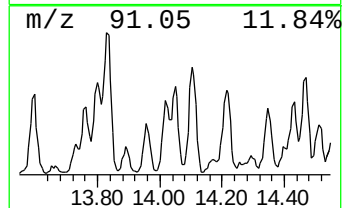
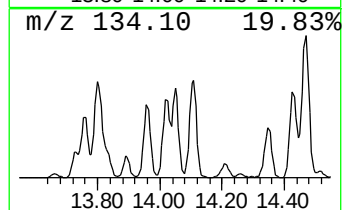
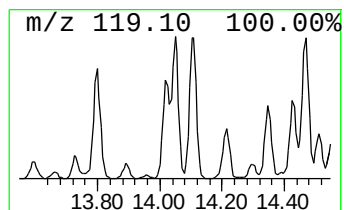
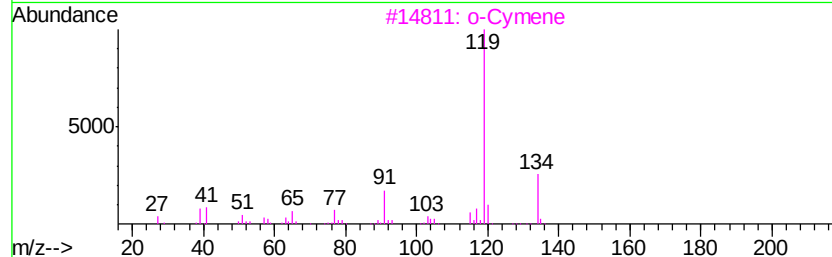
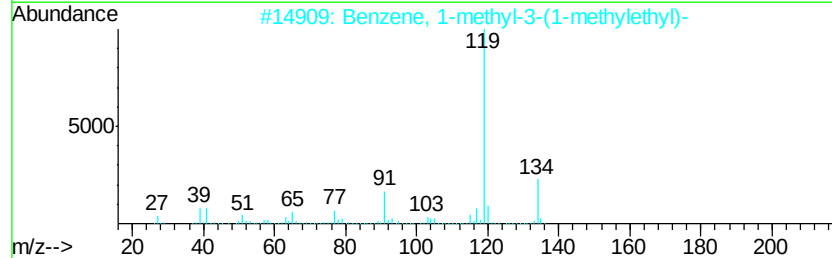
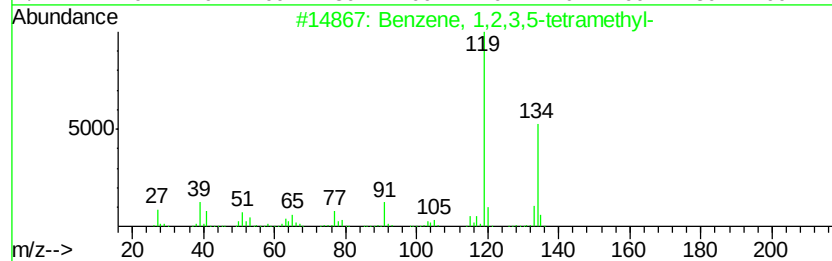
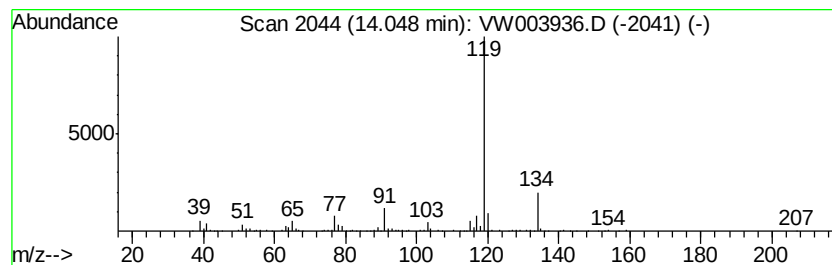
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	16.56 ug/l	211903	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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Misc : 6.11G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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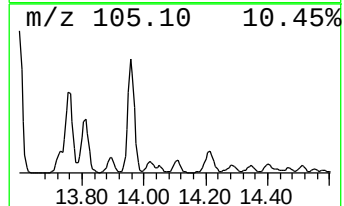
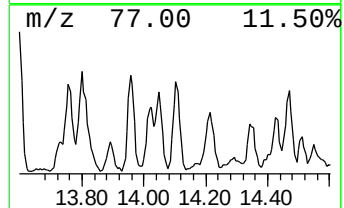
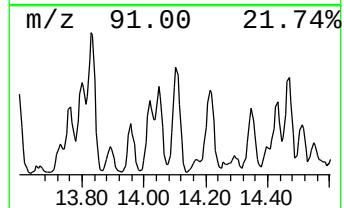
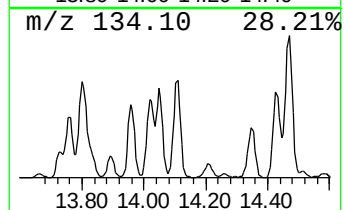
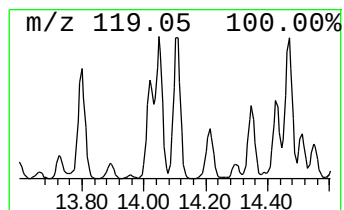
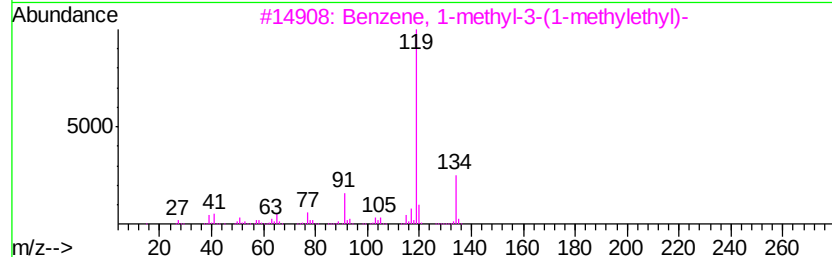
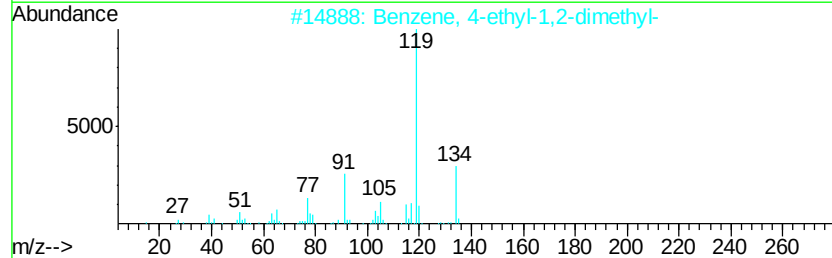
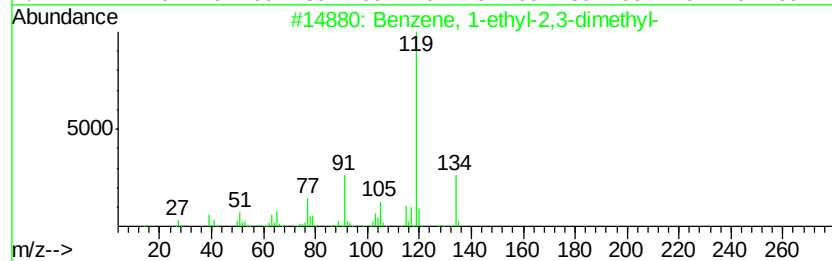
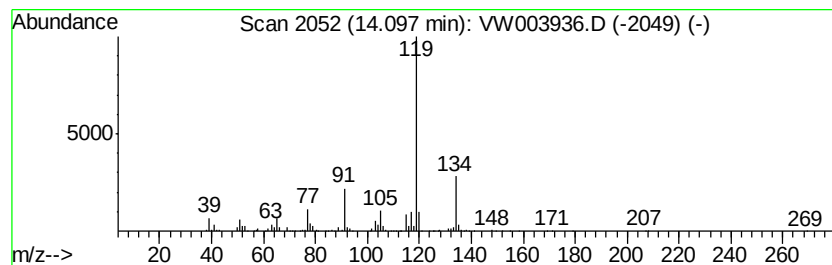
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	18.24 ug/l	233418	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		p-Cymene	134	C10H14	000099-87-6	94



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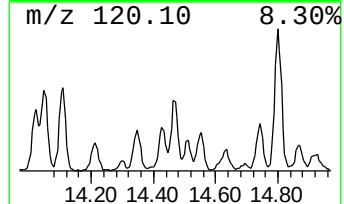
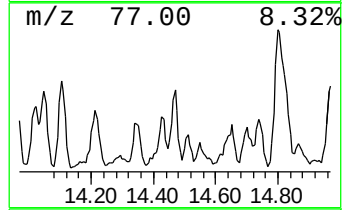
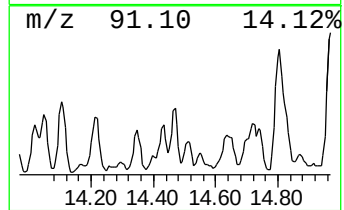
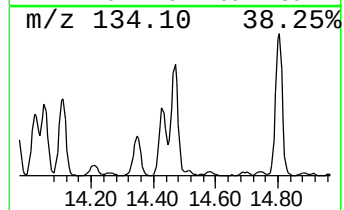
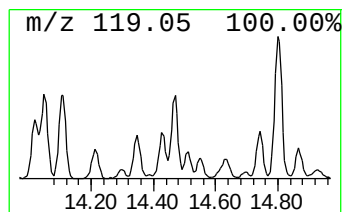
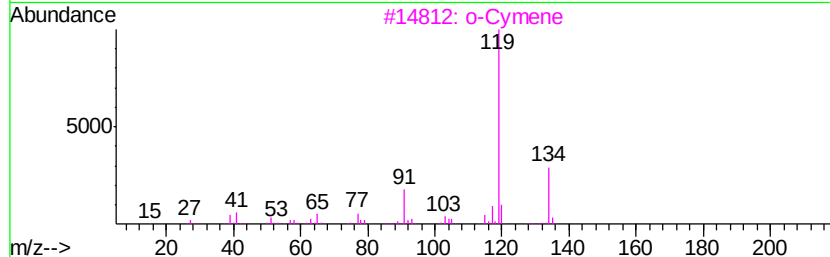
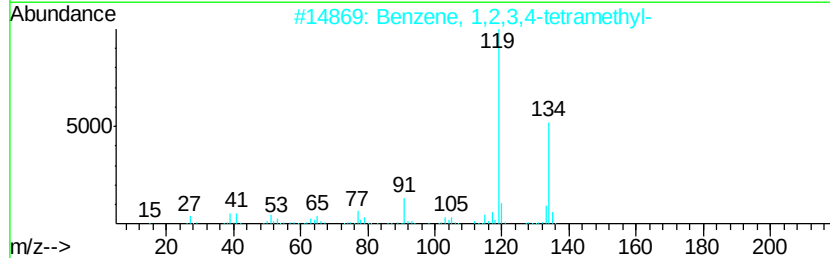
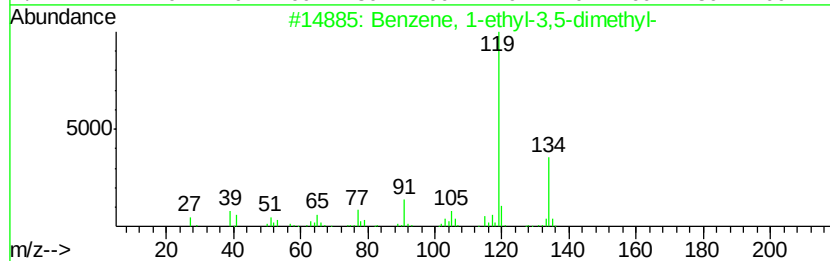
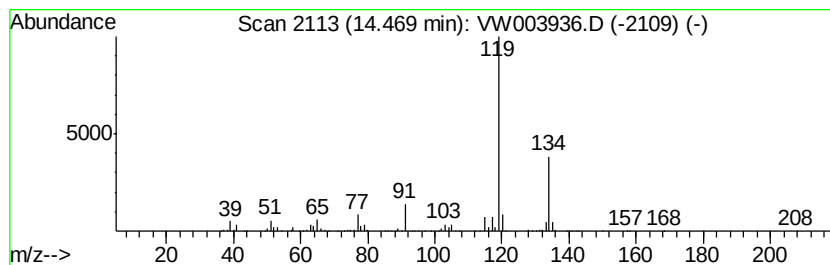
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Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	16.67 ug/l	213305	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 94
2		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 94
3		o-Cymene	134 C10H14	000527-84-4 94
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 91
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91



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Operator : VA/AP
Sample : J3821-03
Misc : 6.11G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-B

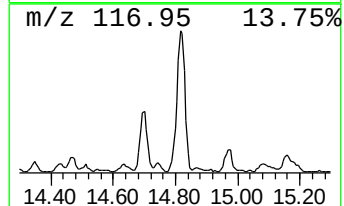
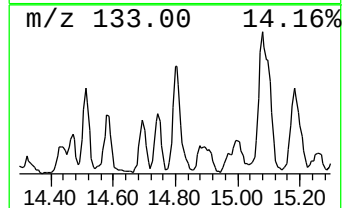
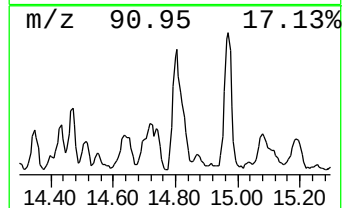
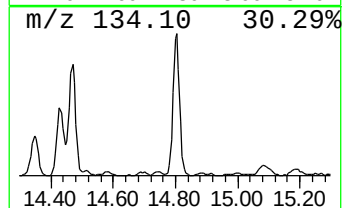
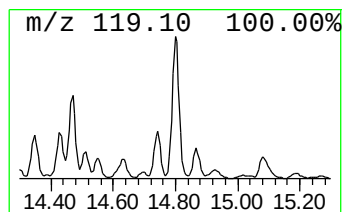
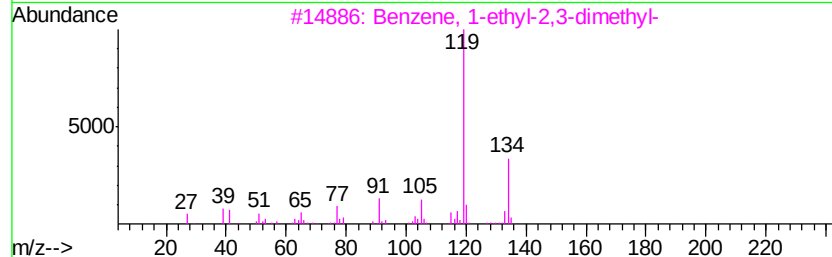
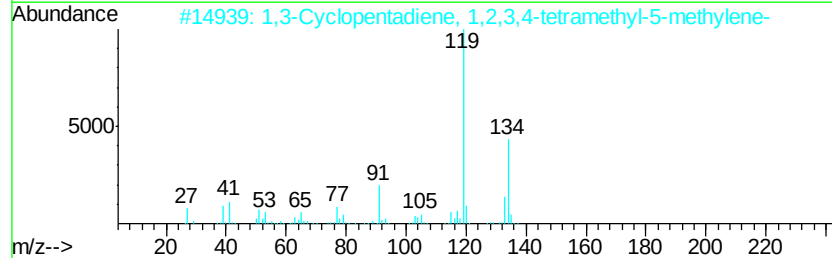
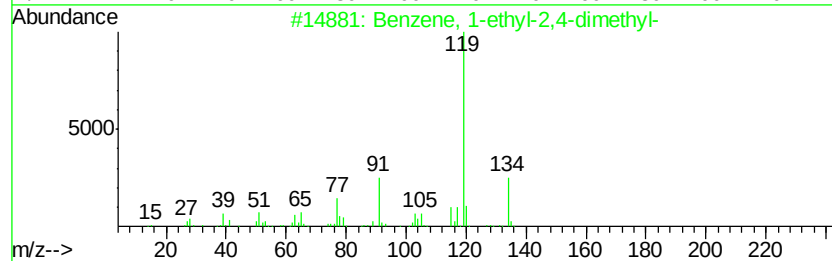
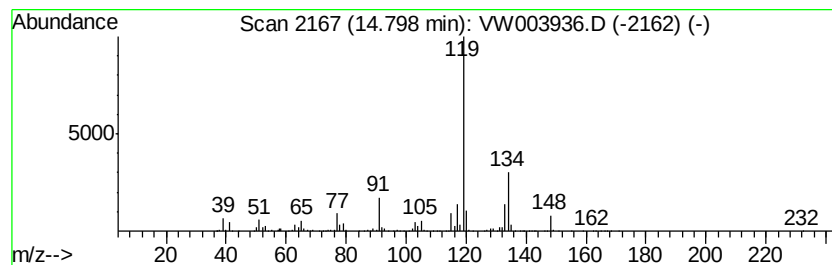
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	53.79 ug/l	688312	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4		o-Cymene	134	C10H14	000527-84-4	76
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003936.D
Acq On : 14 Jul 2018 00:30
Operator : VA/AP
Sample : J3821-03
Misc : 6.11G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-B

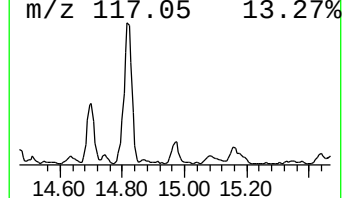
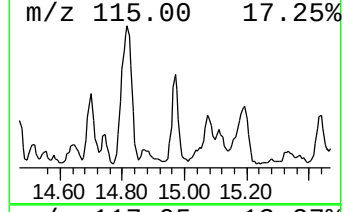
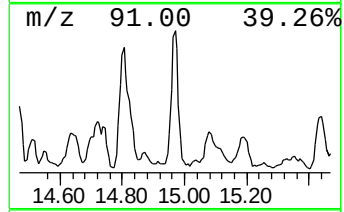
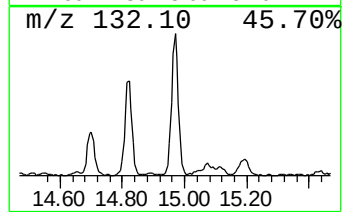
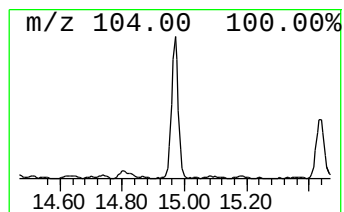
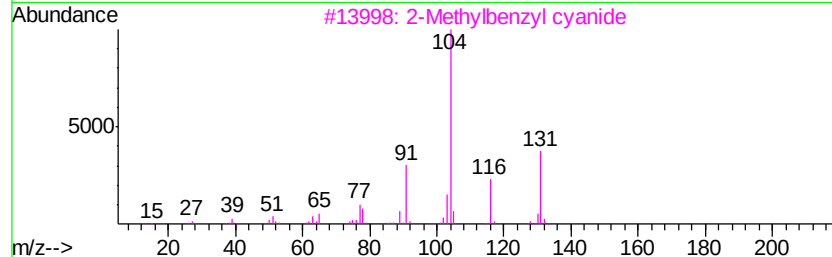
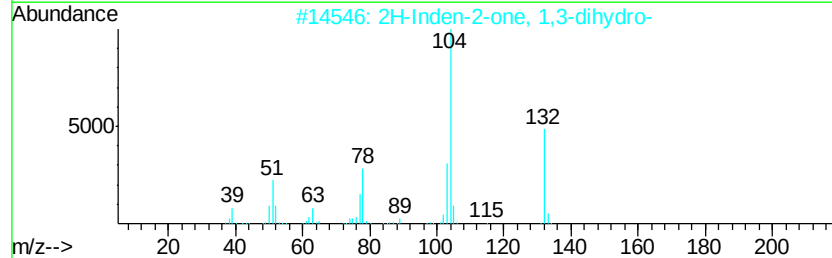
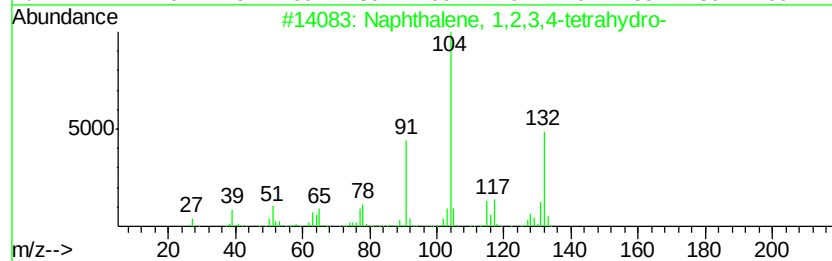
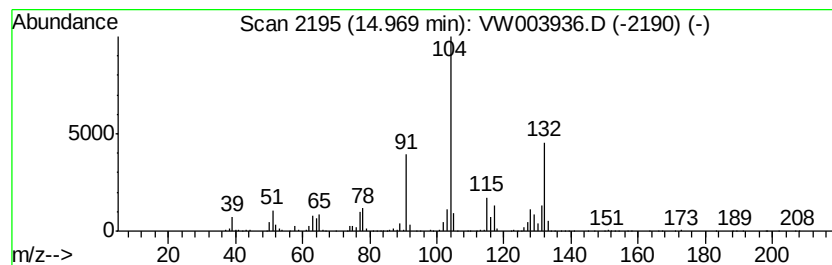
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	21.38 ug/l	273587	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
4		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
5		4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003936.D
Acq On : 14 Jul 2018 00:30
Operator : VA/AP
Sample : J3821-03
Misc : 6.11G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-B

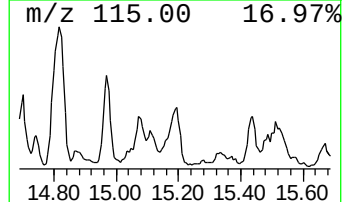
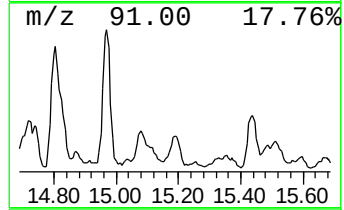
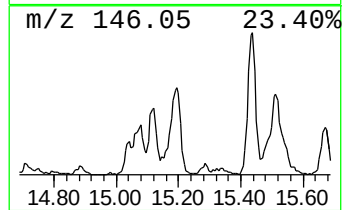
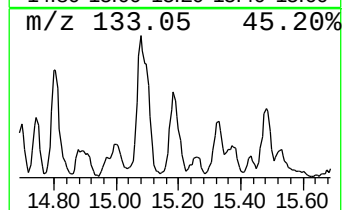
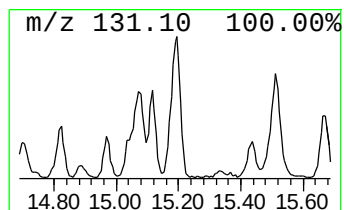
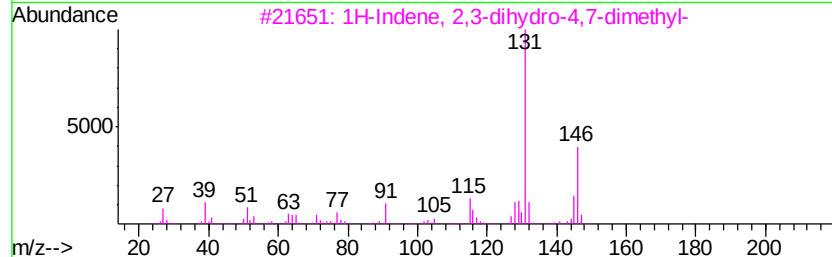
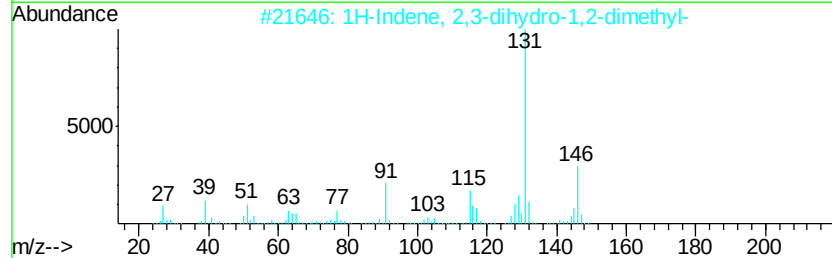
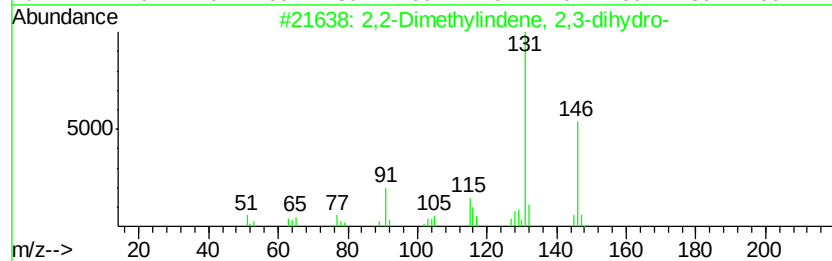
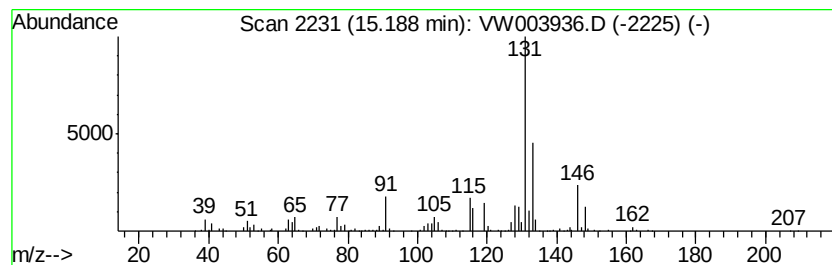
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Quant Title : SW846 8260

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

Peak Number 8 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	15.11 ug/l	193326	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003936.D
Acq On : 14 Jul 2018 00:30
Operator : VA/AP
Sample : J3821-03
Misc : 6.11G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-B

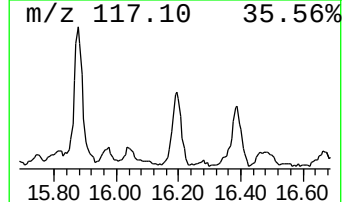
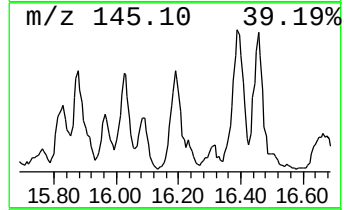
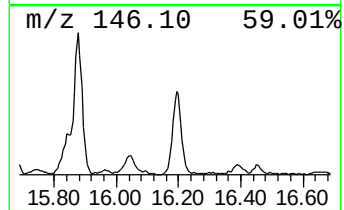
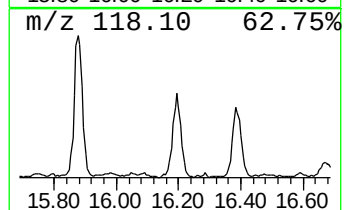
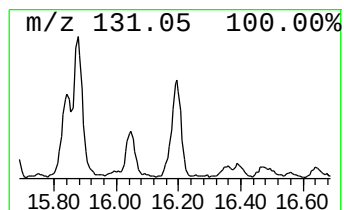
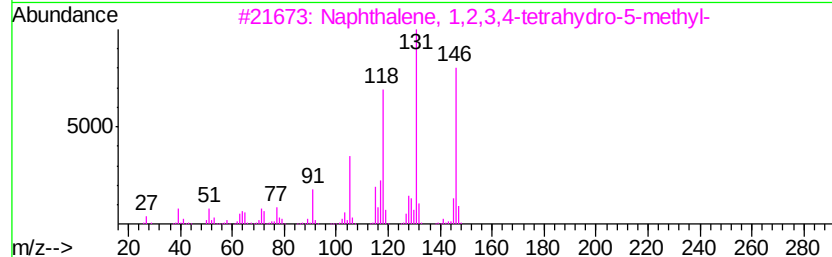
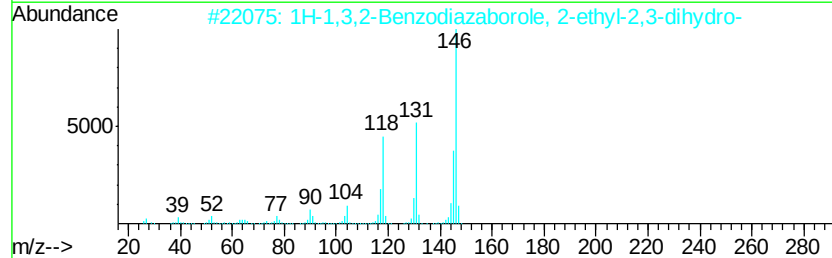
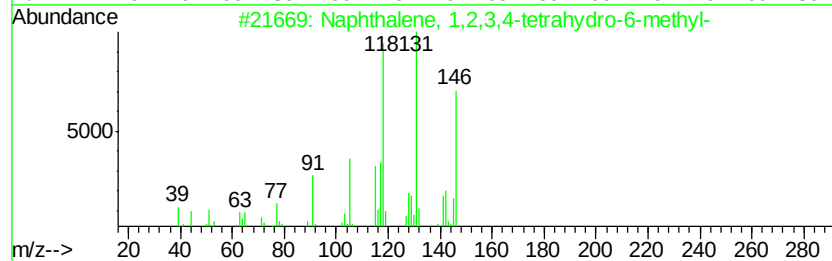
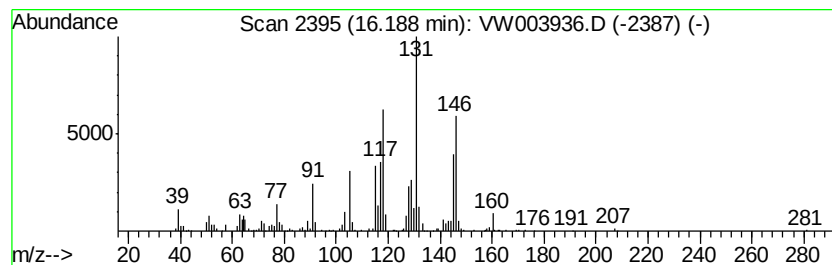
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	15.79 ug/l	202047	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071318\
Data File : VW003936.D
Acq On : 14 Jul 2018 00:30
Operator : VA/AP
Sample : J3821-03
Misc : 6.11G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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
unknown13.76	13.76	16.7	ug/l	213228	4	13.57	639864	50.0
Benzene, 1,2,3,5-...	14.05	16.6	ug/l	211903	4	13.57	639864	50.0
Benzene, 1-ethyl-...	14.10	18.2	ug/l	233418	4	13.57	639864	50.0
Benzene, 1-ethyl-...	14.47	16.7	ug/l	213305	4	13.57	639864	50.0
Benzene, 1-ethyl-...	14.80	53.8	ug/l	688312	4	13.57	639864	50.0
Naphthalene, 1,2,...	14.97	21.4	ug/l	273587	4	13.57	639864	50.0
2,2-Dimethylinden...	15.19	15.1	ug/l	193326	4	13.57	639864	50.0
Naphthalene, 1,2,...	16.19	15.8	ug/l	202047	4	13.57	639864	50.0