

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008809.D
 Acq On : 25 Feb 2019 16:17
 Operator : SY/VA
 Sample : K1356-11
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-022219-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\82W022119S.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	1.959	5	9	17	rVB3	11765	17805	1.01%	0.074%
2	2.635	115	120	126	rBV3	13496	27244	1.55%	0.113%
3	4.922	482	495	512	rBV3	34619	120984	6.89%	0.502%
4	7.147	846	860	872	rBV	205329	570060	32.46%	2.367%
5	7.884	969	981	986	rBV	252729	595659	33.92%	2.473%
6	7.945	986	991	1002	rVB	468973	1018155	57.98%	4.228%
7	8.262	1031	1043	1044	rBV2	53025	111073	6.32%	0.461%
8	8.305	1044	1050	1062	rVB	265583	585271	33.33%	2.430%
9	8.842	1127	1138	1152	rBV	667039	1306685	74.41%	5.426%
10	9.335	1204	1219	1225	rBV5	14399	36120	2.06%	0.150%
11	10.323	1372	1381	1396	rBV	996535	1756172	100.00%	7.292%
12	10.500	1403	1410	1418	rVB8	12369	33263	1.89%	0.138%
13	10.664	1432	1437	1440	rBV2	19011	35213	2.01%	0.146%
14	10.707	1440	1444	1448	rVV	29224	49498	2.82%	0.206%
15	10.762	1449	1453	1458	rVB4	16273	32610	1.86%	0.135%
16	11.067	1493	1503	1507	rBV3	23513	46238	2.63%	0.192%
17	11.177	1518	1521	1525	rVB2	14222	21245	1.21%	0.088%
18	11.231	1525	1530	1536	rVB2	19884	34512	1.97%	0.143%
19	11.439	1551	1564	1571	rVB8	25283	70387	4.01%	0.292%
20	11.634	1586	1596	1606	rBV	764036	1337039	76.13%	5.552%
21	11.847	1621	1631	1633	rBV7	18231	47236	2.69%	0.196%
22	12.140	1671	1679	1682	rBV5	23978	55596	3.17%	0.231%
23	12.347	1707	1713	1714	rBV5	14430	24972	1.42%	0.104%
24	12.621	1751	1758	1767	rVB2	613319	1028159	58.55%	4.269%
25	12.780	1780	1784	1792	rVB5	30057	69671	3.97%	0.289%
26	12.865	1792	1798	1801	rBV2	60623	111038	6.32%	0.461%
27	12.908	1801	1805	1806	rVV	50631	72820	4.15%	0.302%
28	12.938	1806	1810	1816	rVV3	167274	316249	18.01%	1.313%
29	12.993	1816	1819	1824	rVB3	29884	41951	2.39%	0.174%
30	13.109	1830	1838	1844	rBV	68165	177677	10.12%	0.738%
31	13.170	1844	1848	1854	rVB2	76189	129632	7.38%	0.538%
32	13.255	1856	1862	1866	rBV	84841	140419	8.00%	0.583%
33	13.298	1866	1869	1873	rVV5	19880	22795	1.30%	0.095%
34	13.383	1880	1883	1886	rVB3	26252	34436	1.96%	0.143%

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35	13.444	1887	1893	1897	rBV6	103902	201116	11.45%	0.835%
36	13.493	1897	1901	1904	rVV3	63312	89588	5.10%	0.372%
37	13.560	1907	1912	1921	rVB2	578069	1069165	60.88%	4.440%
38	13.627	1921	1923	1929	rVB4	52146	66812	3.80%	0.277%
39	13.725	1930	1939	1940	rBV6	62463	130393	7.42%	0.541%
40	13.755	1940	1944	1947	rVV2	161263	240940	13.72%	1.000%
41	13.798	1947	1951	1959	rVB3	205924	410407	23.37%	1.704%
42	13.877	1959	1964	1970	rBV2	477184	758250	43.18%	3.149%
43	13.950	1970	1976	1984	rBV	96221	179049	10.20%	0.743%
44	14.017	1984	1987	1988	rBV	56193	56598	3.22%	0.235%
45	14.042	1988	1991	1995	rVV2	108900	161942	9.22%	0.672%
46	14.103	1996	2001	2005	rVB	231104	360782	20.54%	1.498%
47	14.139	2005	2007	2009	rBV2	27834	23615	1.34%	0.098%
48	14.206	2013	2018	2023	rVB2	245068	414966	23.63%	1.723%
49	14.267	2023	2028	2029	rBV3	68569	97248	5.54%	0.404%
50	14.347	2035	2041	2044	rBV5	123641	259691	14.79%	1.078%
51	14.389	2044	2048	2052	rVV3	238711	397158	22.61%	1.649%
52	14.426	2052	2054	2057	rVV2	127471	165451	9.42%	0.687%
53	14.463	2057	2060	2063	rVB	128024	168960	9.62%	0.702%
54	14.505	2063	2067	2070	rBV	208862	272944	15.54%	1.133%
55	14.548	2070	2074	2080	rVB4	156268	248738	14.16%	1.033%
56	14.609	2080	2084	2087	rBV4	71269	121400	6.91%	0.504%
57	14.645	2087	2090	2094	rVB	117316	166088	9.46%	0.690%
58	14.694	2094	2098	2099	rBV	137672	174851	9.96%	0.726%
59	14.731	2100	2104	2110	rVB3	500915	789518	44.96%	3.278%
60	14.810	2110	2117	2121	rBV4	437936	1060782	60.40%	4.405%
61	14.962	2138	2142	2149	rVB	192149	315288	17.95%	1.309%
62	15.072	2155	2160	2164	rBV4	198914	322558	18.37%	1.339%
63	15.182	2172	2178	2186	rVB3	207264	505662	28.79%	2.100%
64	15.255	2187	2190	2198	rVB8	133083	297169	16.92%	1.234%
65	15.334	2198	2203	2207	rBV2	220643	417622	23.78%	1.734%
66	15.426	2214	2218	2223	rBV	139711	230513	13.13%	0.957%
67	15.481	2223	2227	2230	rBV2	130326	228529	13.01%	0.949%
68	15.560	2237	2240	2249	rVB	411206	740548	42.17%	3.075%
69	15.664	2249	2257	2264	rBV6	177309	509906	29.04%	2.117%
70	15.743	2266	2270	2275	rVV6	98403	183379	10.44%	0.761%
71	15.828	2279	2284	2287	rVV4	113367	257317	14.65%	1.068%

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72	15.871	2287	2291	2298	rVB3	203953	391750	22.31%	1.627%
73	16.035	2312	2318	2323	rVB6	86081	209172	11.91%	0.869%
74	16.182	2334	2342	2347	rBV5	171528	455628	25.94%	1.892%
75	16.298	2358	2361	2367	rVB4	60501	90111	5.13%	0.374%
76	16.383	2370	2375	2381	rVV3	161386	335920	19.13%	1.395%
77	16.450	2382	2386	2390	rVV4	70952	131591	7.49%	0.546%
78	16.505	2391	2395	2402	rVB	169747	295394	16.82%	1.227%

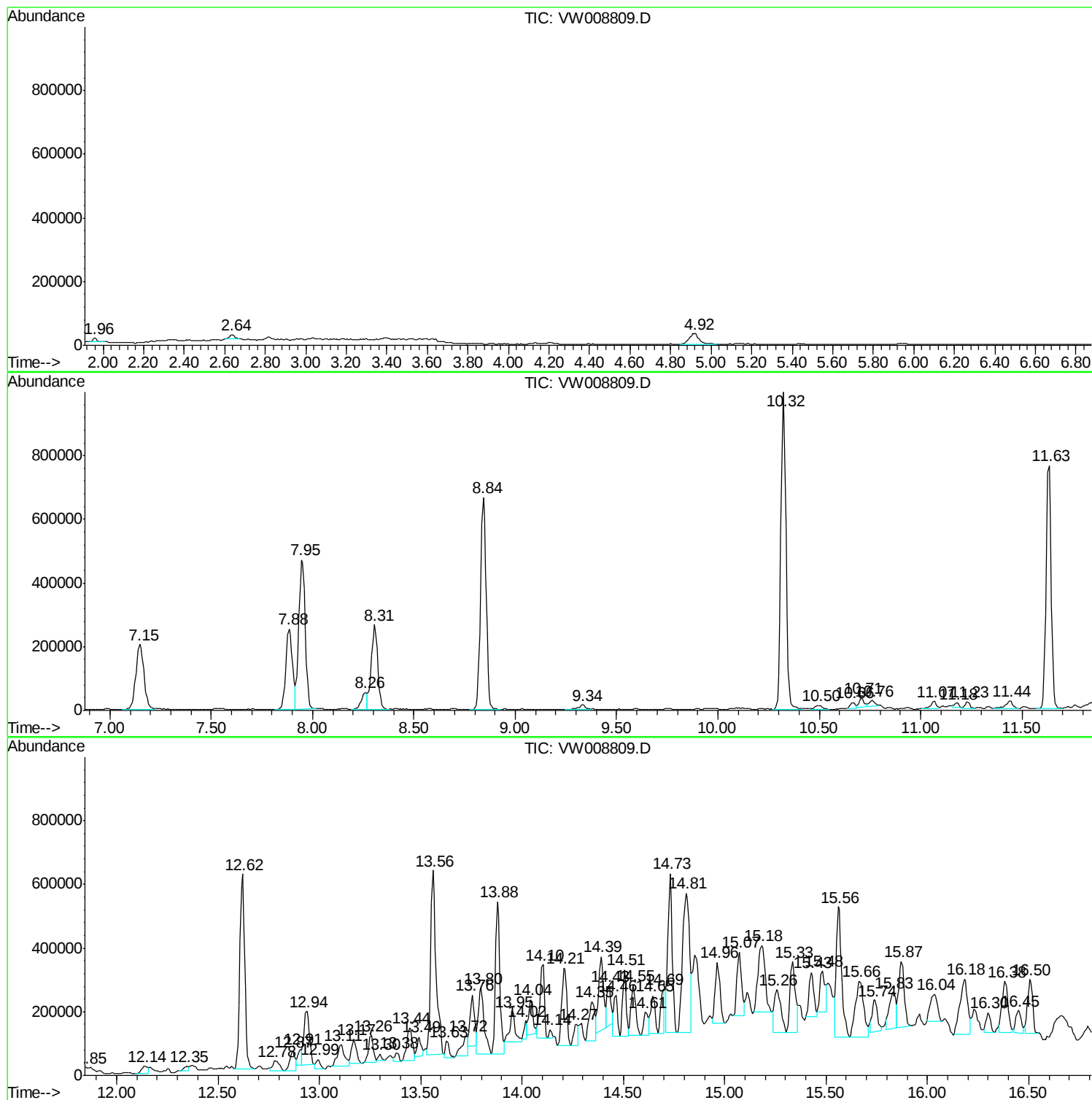
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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



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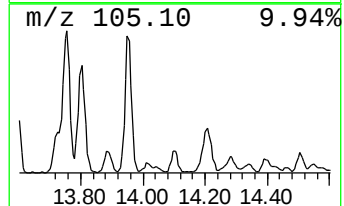
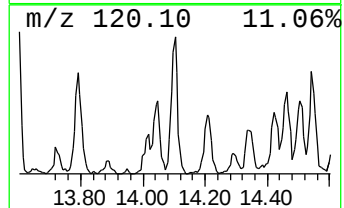
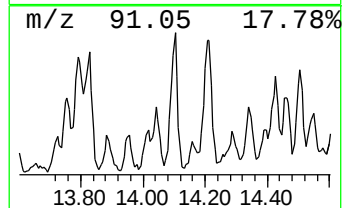
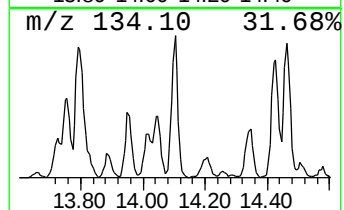
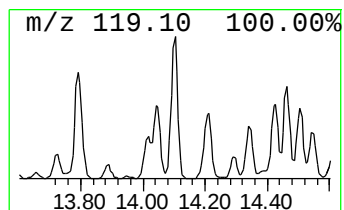
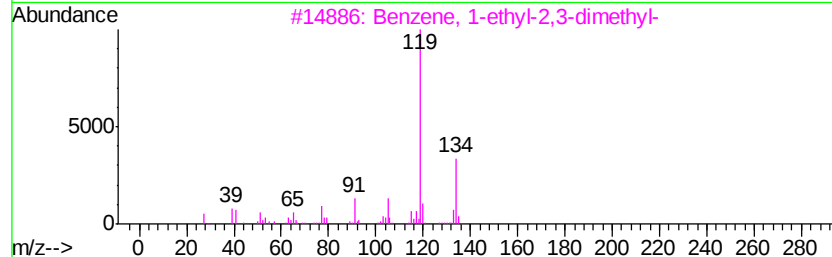
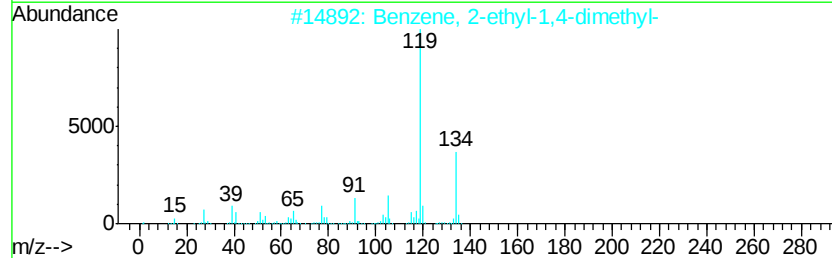
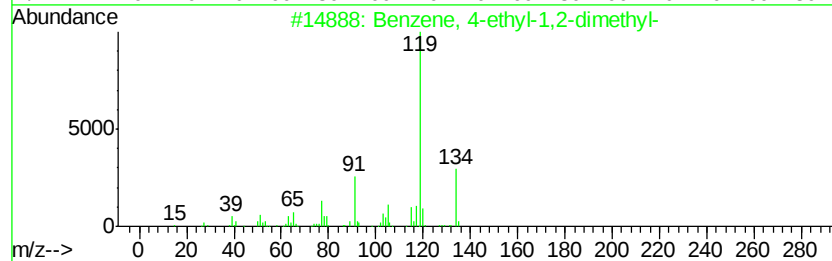
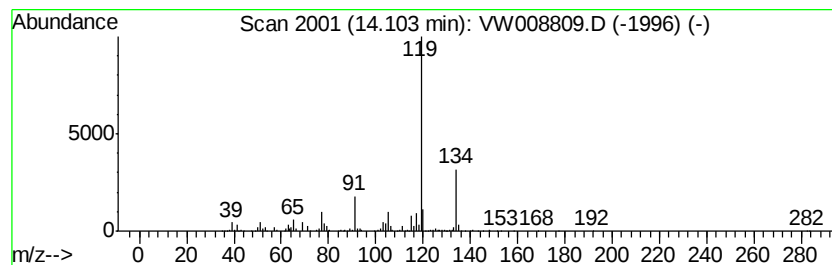
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	16.87 ug/l	360782	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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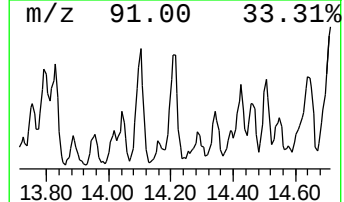
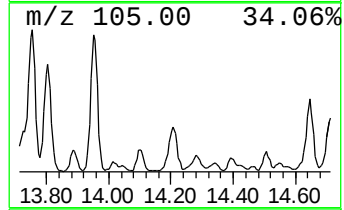
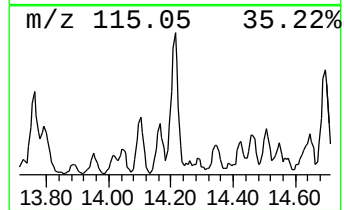
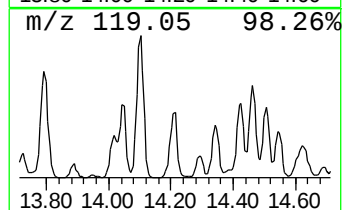
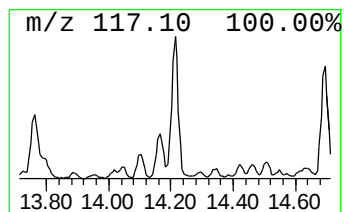
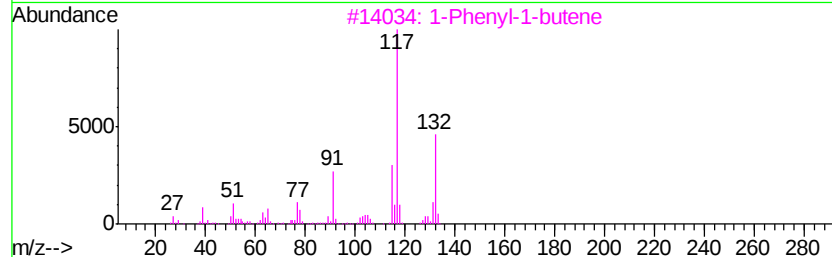
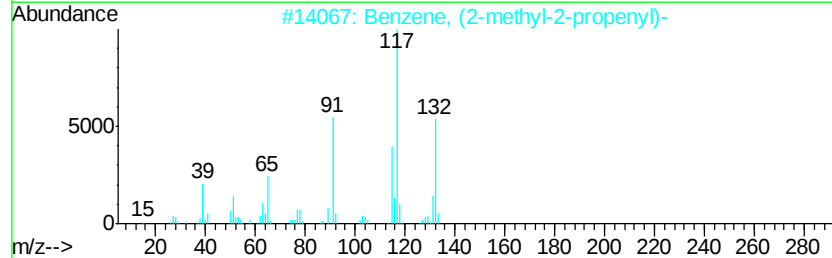
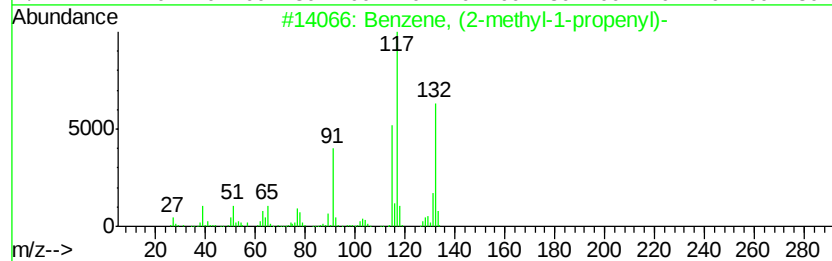
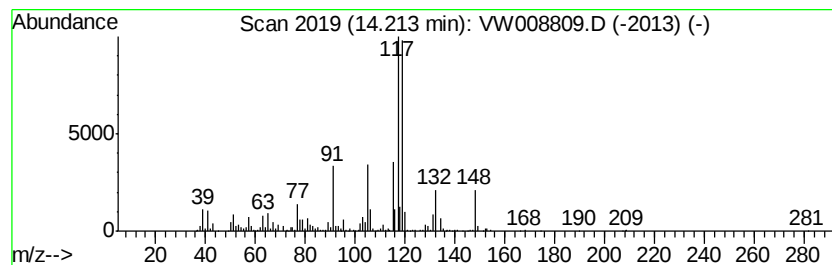
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown14.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	19.41 ug/l	414966	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
2		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	46
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	41



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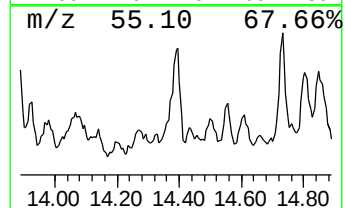
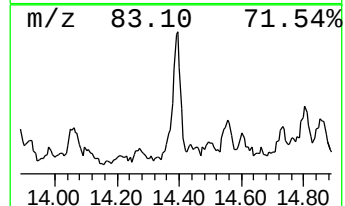
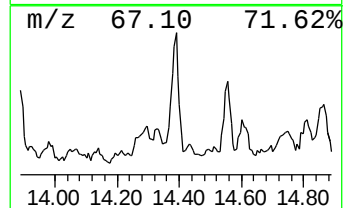
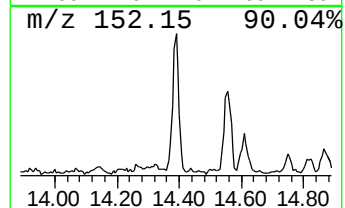
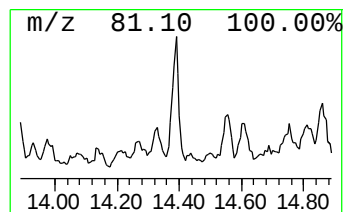
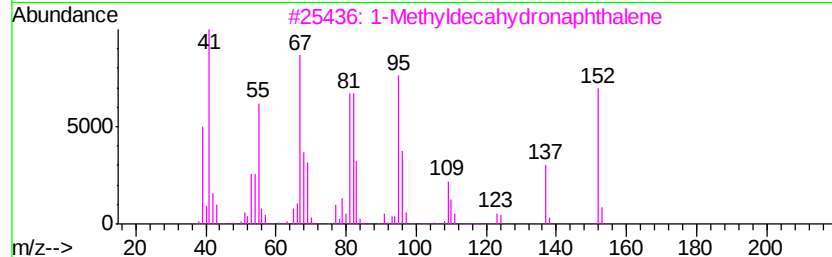
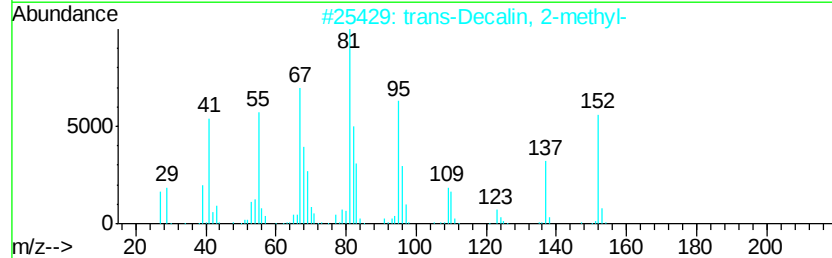
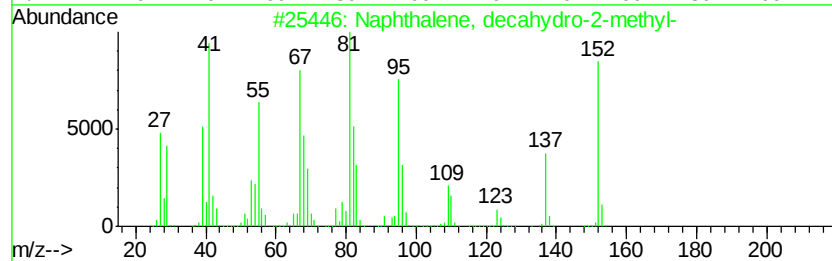
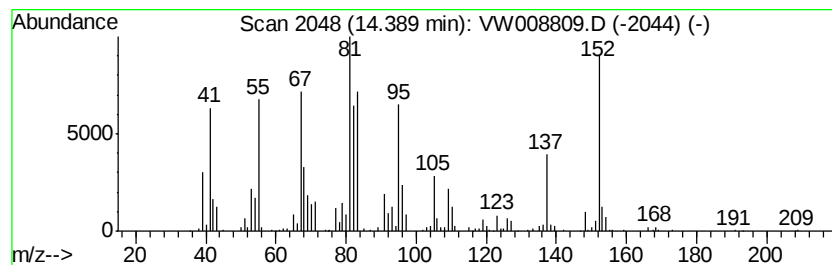
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	18.57 ug/l	397158	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	64
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62



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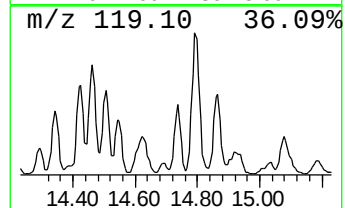
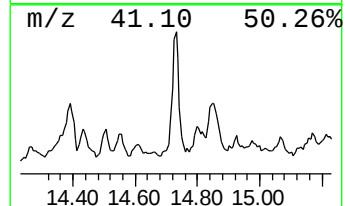
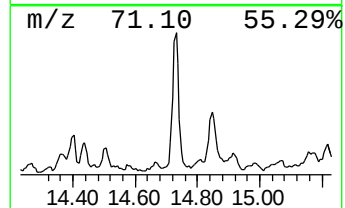
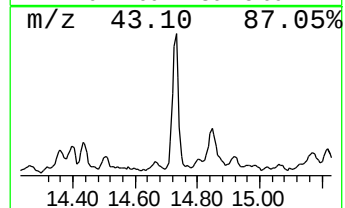
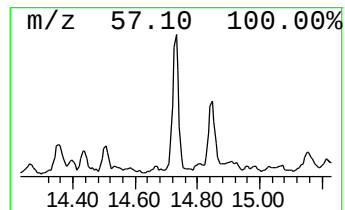
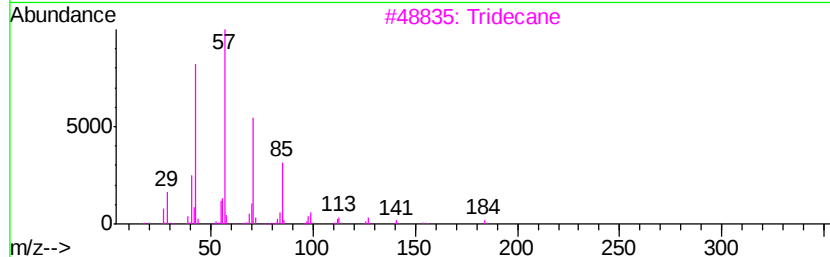
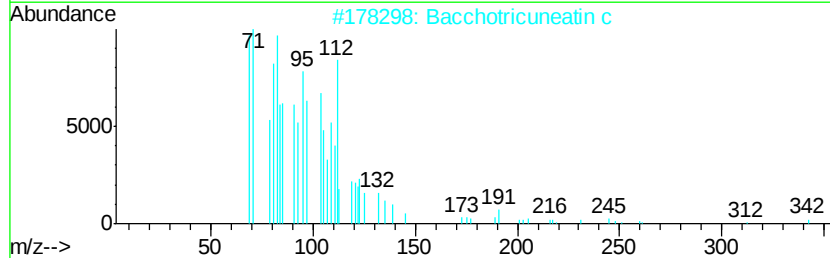
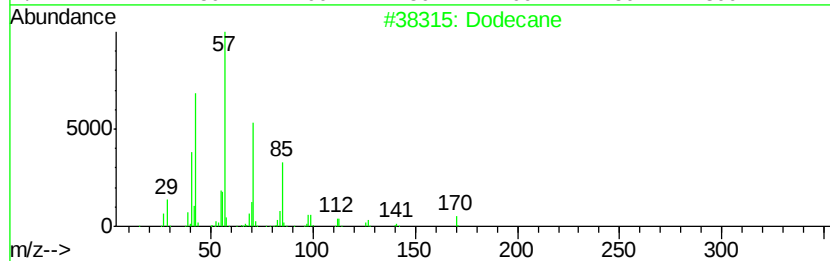
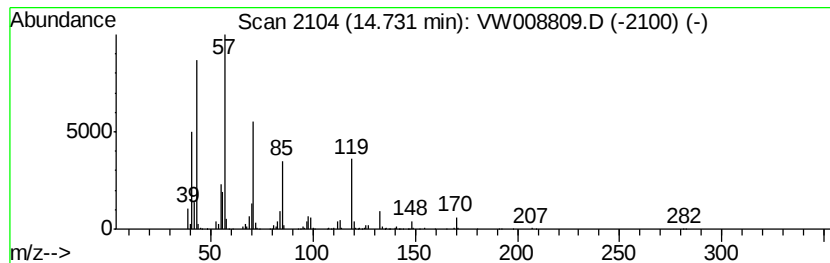
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	36.92 ug/l	789518	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	95
2	Bacchotricuneatin c		342	C20H22O5	066563-30-2	62
3	Tridecane		184	C13H28	000629-50-5	58
4	Undecane		156	C11H24	001120-21-4	58
5	Eicosane		282	C20H42	000112-95-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

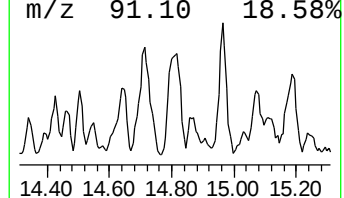
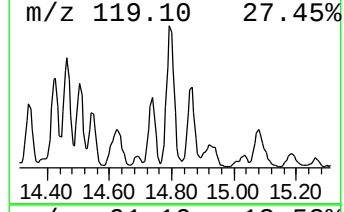
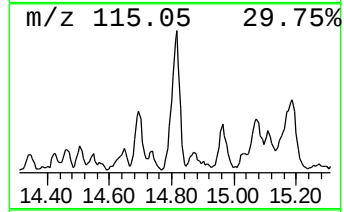
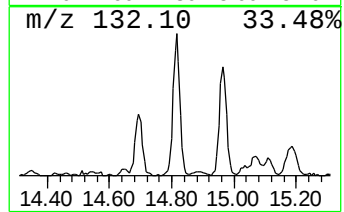
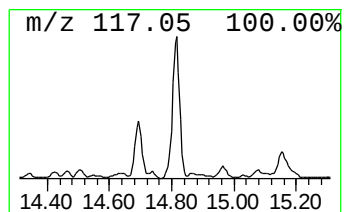
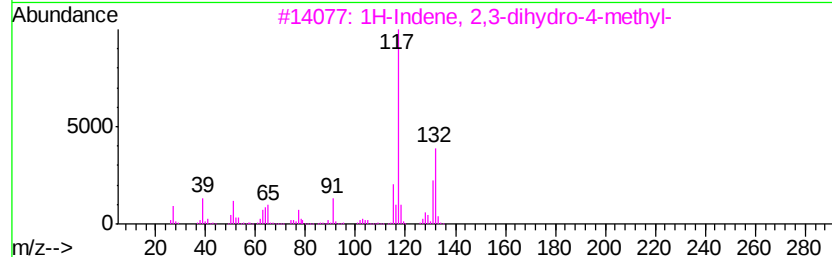
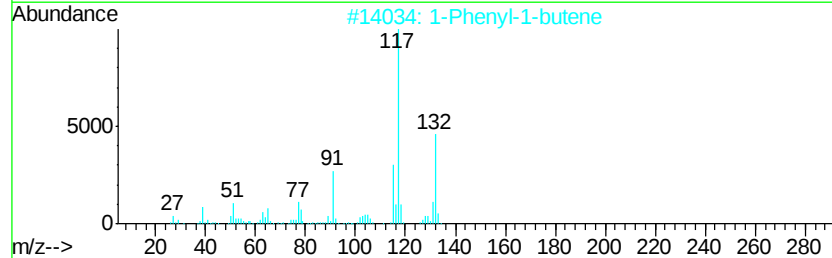
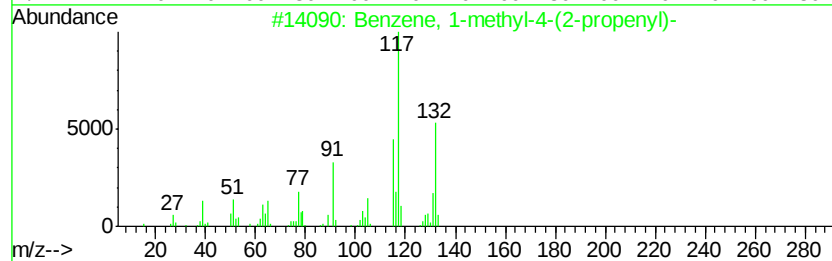
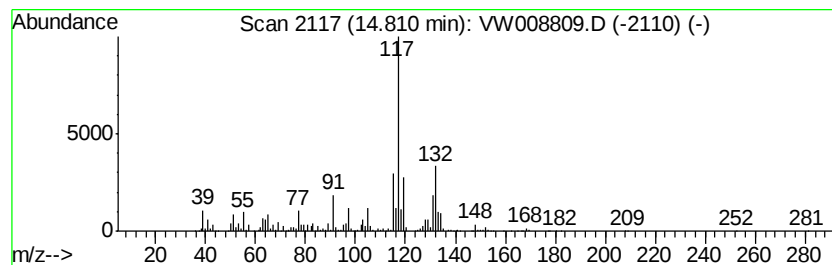
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-(2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	49.61 ug/l	1060780	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4		Indan, 1-methyl-	132	C10H12	000767-58-8	70
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
SU-02-022219-B

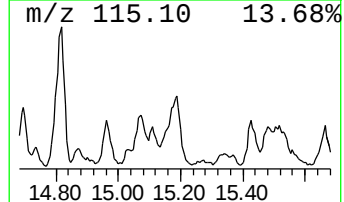
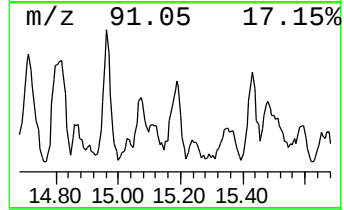
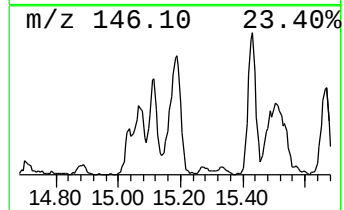
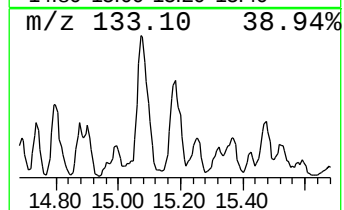
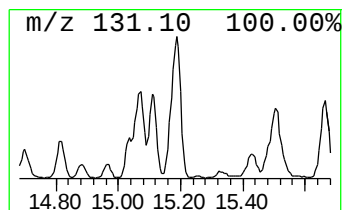
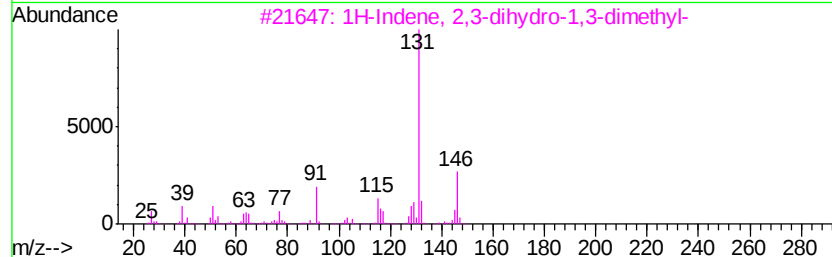
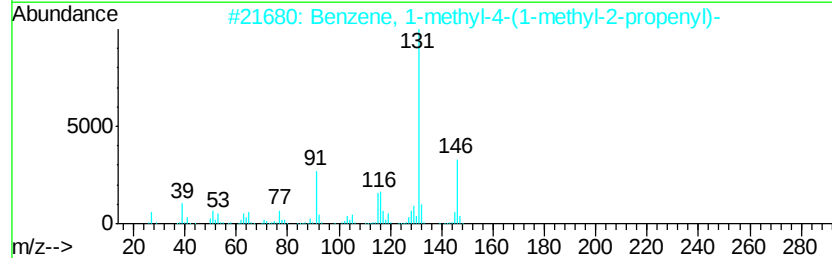
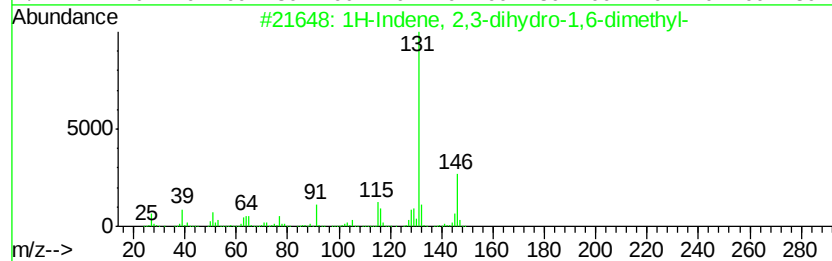
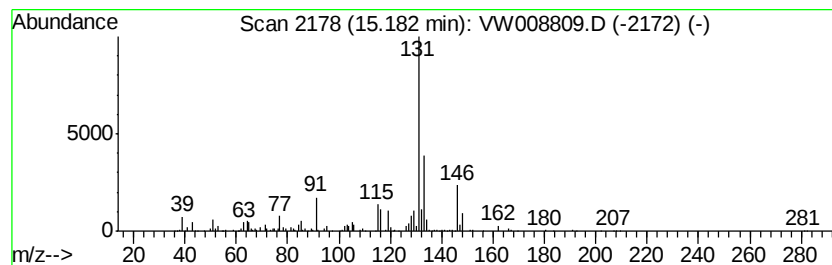
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	23.65 ug/l	505662	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14		017059-48-2	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14		097664-18-1	70
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14		004175-53-5	64
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14		097664-19-2	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14		020836-11-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

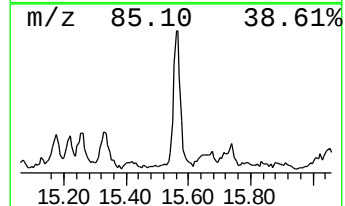
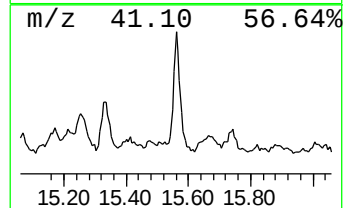
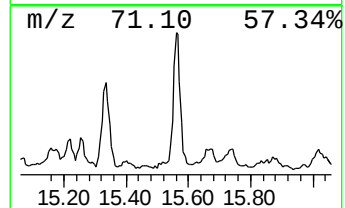
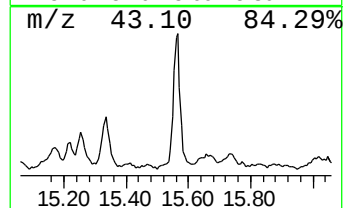
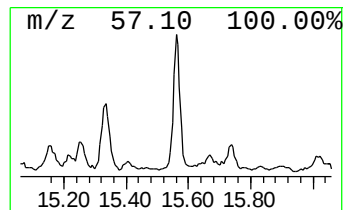
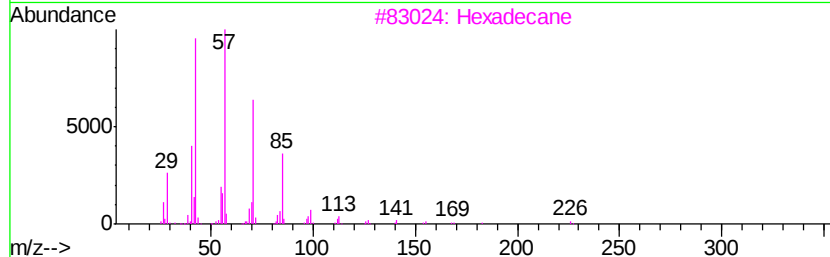
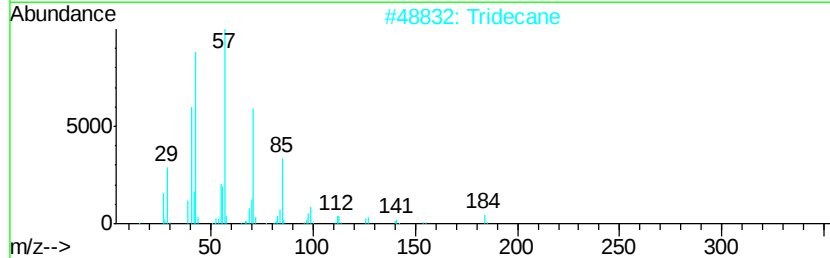
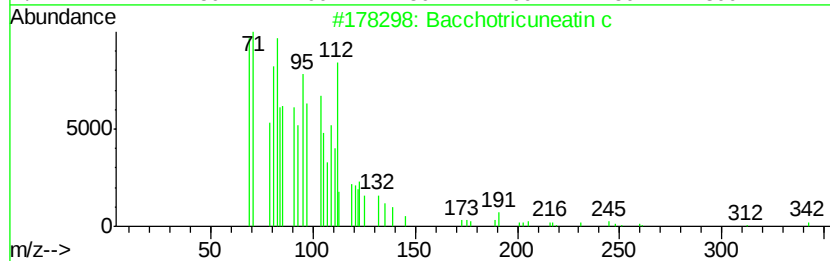
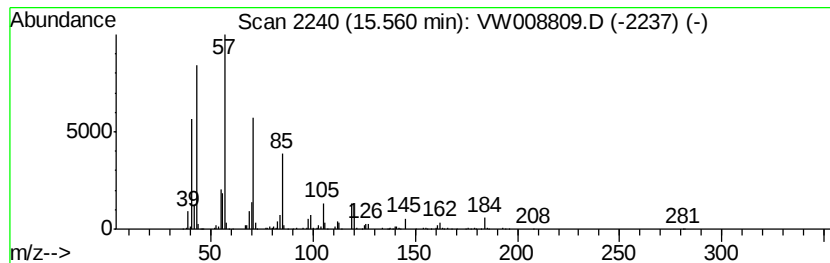
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Quant Title : SW846 8260

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	34.63 ug/l	740548	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Tridecane	184	C13H28	000629-50-5	96
3		Hexadecane	226	C16H34	000544-76-3	68
4		Tetradecane	198	C14H30	000629-59-4	68
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

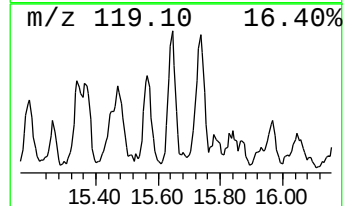
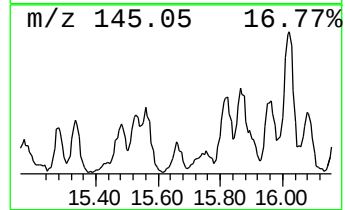
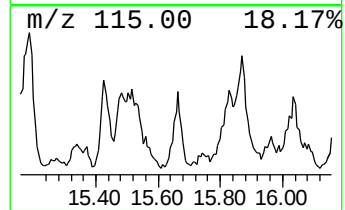
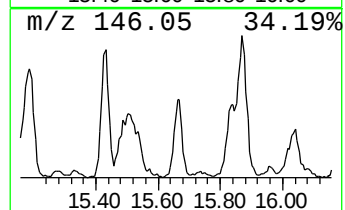
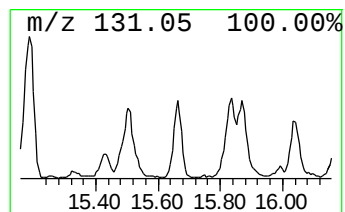
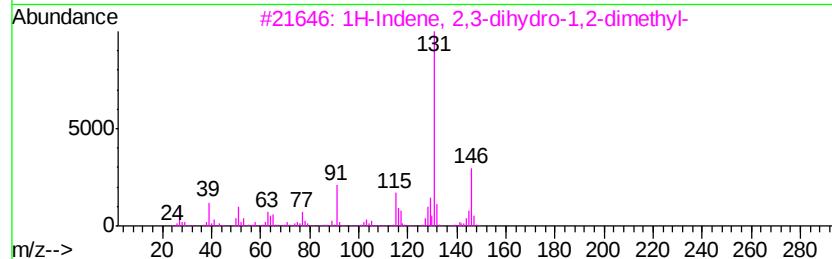
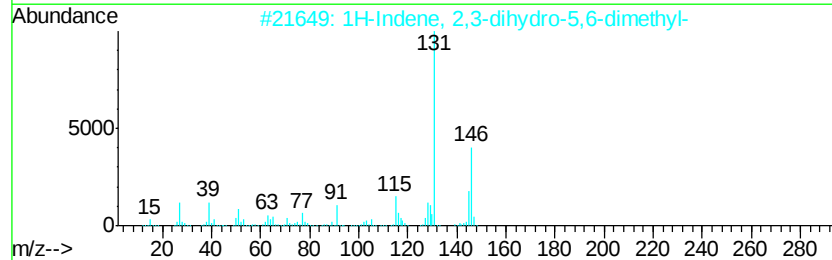
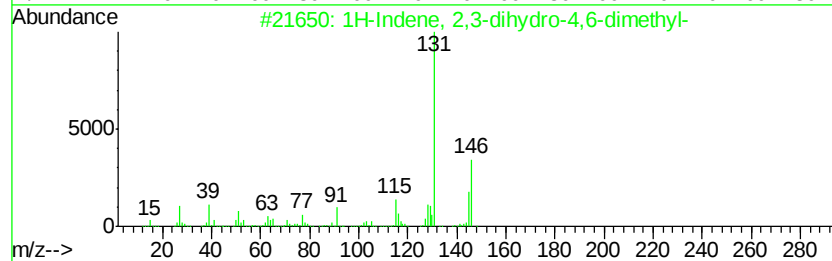
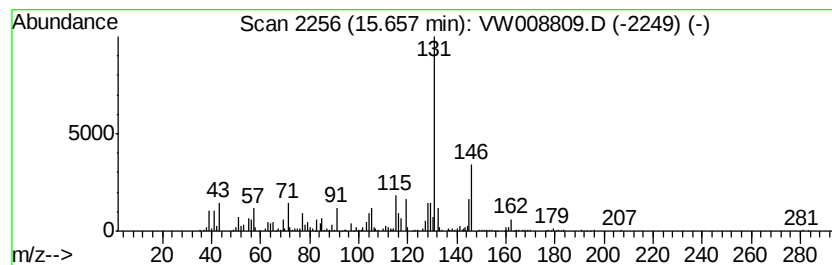
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	23.85 ug/l	509906	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

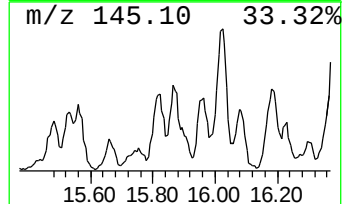
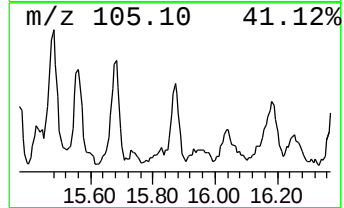
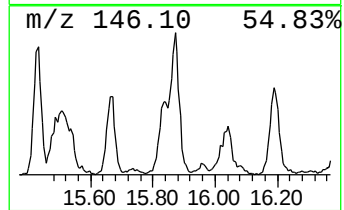
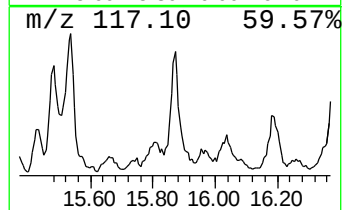
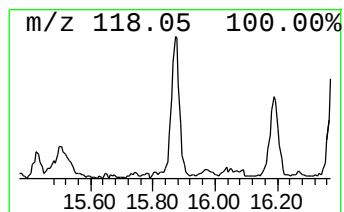
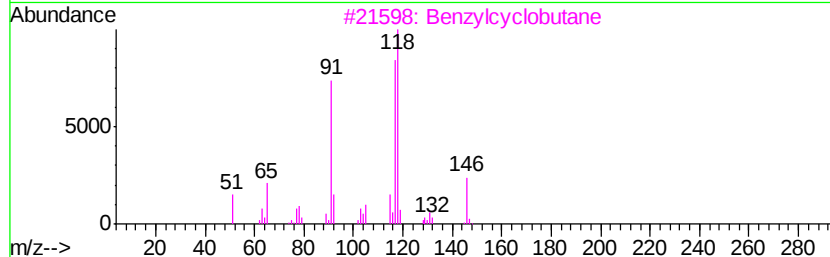
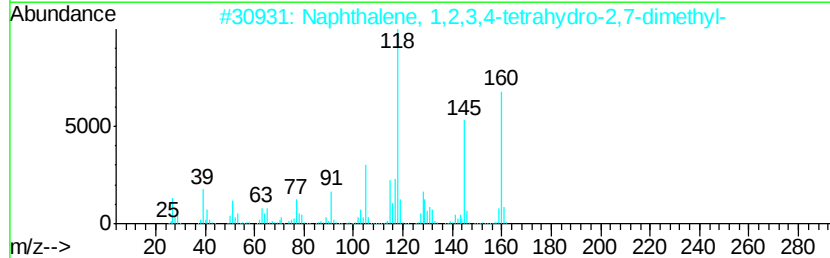
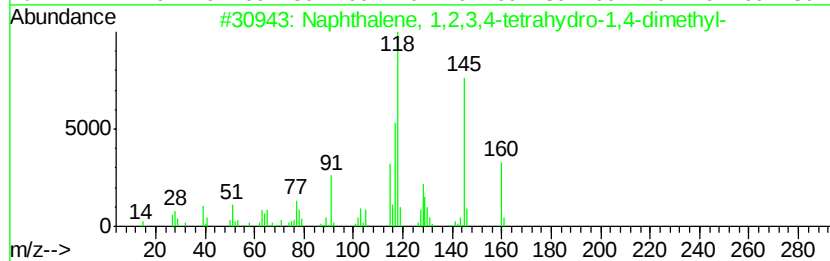
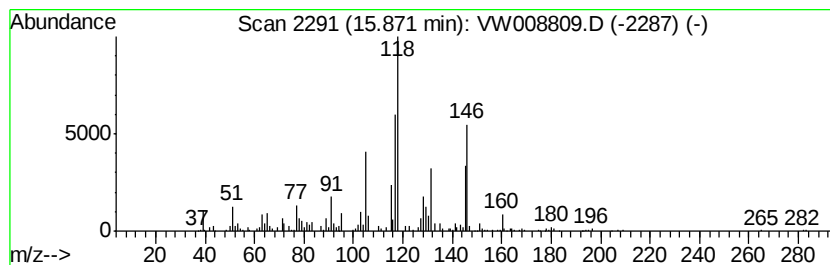
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	18.32 ug/l	391750	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	53
3		Benzylcyclobutane	146	C11H14	005244-88-2	52
4		7-Methylindan-1-one	146	C10H10O	039627-61-7	47
5		1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

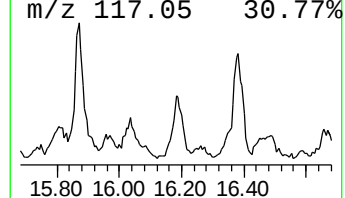
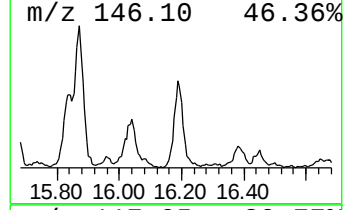
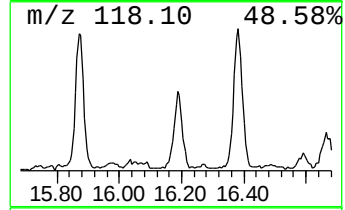
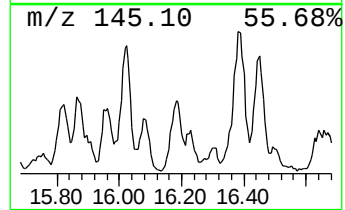
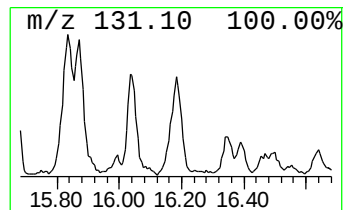
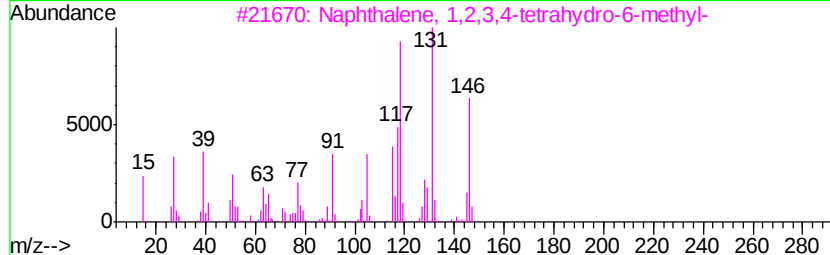
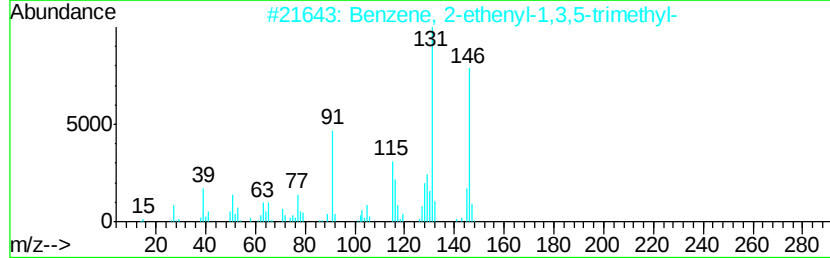
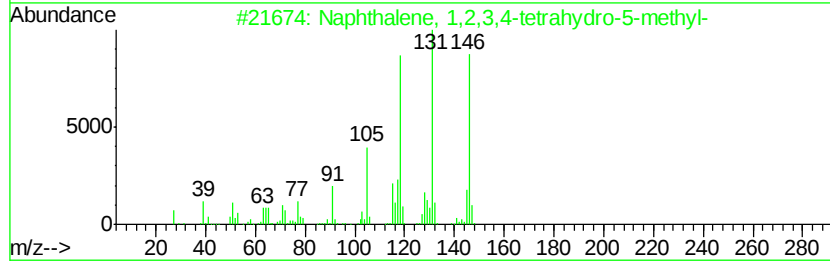
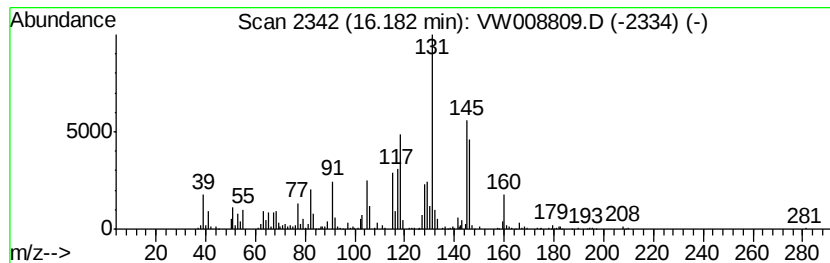
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	21.31 ug/l	455628	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW022519\
Data File : VW008809.D
Acq On : 25 Feb 2019 16:17
Operator : SY/VA
Sample : K1356-11
Misc : 7.06G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-02-022219-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.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, 4-ethyl-...	14.10	16.9	ug/l	360782	4	13.56	1069170	50.0
unknown14.21	14.21	19.4	ug/l	414966	4	13.56	1069170	50.0
Naphthalene, deca...	14.39	18.6	ug/l	397158	4	13.56	1069170	50.0
Dodecane	14.73	36.9	ug/l	789518	4	13.56	1069170	50.0
Benzene, 1-methyl...	14.81	49.6	ug/l	1060780	4	13.56	1069170	50.0
1H-Indene, 2,3-di...	15.18	23.6	ug/l	505662	4	13.56	1069170	50.0
Bacchotricuneatin c	15.56	34.6	ug/l	740548	4	13.56	1069170	50.0
1H-Indene, 2,3-di...	15.66	23.9	ug/l	509906	4	13.56	1069170	50.0
Naphthalene, 1,2,...	15.87	18.3	ug/l	391750	4	13.56	1069170	50.0
Naphthalene, 1,2,...	16.18	21.3	ug/l	455628	4	13.56	1069170	50.0