

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006211.D
 Acq On : 19 Oct 2018 08:39
 Operator : VA/AP
 Sample : J5195-05
 Misc : 5.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-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\82W101518S.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	2.818	143	150	155	rBV2	2231	6089	1.27%	0.155%
2	4.147	355	368	383	rBV2	11873	40233	8.39%	1.027%
3	4.915	483	494	513	rBV2	11595	43321	9.03%	1.106%
4	5.934	652	661	672	rVB4	2868	8772	1.83%	0.224%
5	7.159	851	862	874	rBV	12395	38765	8.08%	0.989%
6	7.884	971	981	986	rBV2	105736	248492	51.82%	6.341%
7	7.951	986	992	1003	rVB	206130	447446	93.30%	11.418%
8	8.311	1041	1051	1062	rBV	94895	210540	43.90%	5.373%
9	8.848	1129	1139	1149	rBV	241673	479554	100.00%	12.238%
10	9.335	1207	1219	1225	rBV2	10296	26239	5.47%	0.670%
11	9.616	1255	1265	1270	rVB5	2945	6193	1.29%	0.158%
12	9.756	1281	1288	1296	rVB3	5185	10392	2.17%	0.265%
13	9.847	1298	1303	1307	rBV3	2773	5132	1.07%	0.131%
14	10.085	1336	1342	1348	rBV7	2913	8280	1.73%	0.211%
15	10.207	1356	1362	1367	rBV5	3693	7803	1.63%	0.199%
16	10.329	1373	1382	1397	rBV	227022	428595	89.37%	10.937%
17	10.451	1397	1402	1404	rBV2	3340	5301	1.11%	0.135%
18	10.494	1404	1409	1410	rBV2	7136	9137	1.91%	0.233%
19	10.622	1424	1430	1433	rBV7	2772	4818	1.00%	0.123%
20	10.671	1433	1438	1442	rVV	14376	23926	4.99%	0.611%
21	10.762	1447	1453	1459	rVB4	11902	27693	5.77%	0.707%
22	10.853	1463	1468	1473	rVB6	4154	8546	1.78%	0.218%
23	10.939	1473	1482	1488	rBV3	7217	16160	3.37%	0.412%
24	11.042	1488	1499	1500	rBV7	6399	19321	4.03%	0.493%
25	11.116	1506	1511	1513	rBV4	5781	10153	2.12%	0.259%
26	11.146	1513	1516	1518	rVV4	8336	12838	2.68%	0.328%
27	11.183	1518	1522	1526	rVV	22578	38707	8.07%	0.988%
28	11.237	1526	1531	1536	rVV	32792	58775	12.26%	1.500%
29	11.292	1536	1540	1543	rVV3	5840	8362	1.74%	0.213%
30	11.341	1543	1548	1552	rVB4	13072	21968	4.58%	0.561%
31	11.439	1559	1564	1573	rVB2	16318	31469	6.56%	0.803%
32	11.518	1573	1577	1580	rBV3	5490	9664	2.02%	0.247%
33	11.634	1590	1596	1606	rBV	192597	330802	68.98%	8.442%
34	11.731	1608	1612	1615	rBV2	5701	7412	1.55%	0.189%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	11.768	1615	1618	1622	rVB	7745	10566	2.20%	0.270%
36	11.817	1622	1626	1631	rBV6	8654	16451	3.43%	0.420%
37	11.878	1631	1636	1640	rBV2	21466	38856	8.10%	0.992%
38	11.975	1648	1652	1657	rBV5	4480	7311	1.52%	0.187%
39	12.042	1658	1663	1667	rBV6	6235	11834	2.47%	0.302%
40	12.140	1673	1679	1686	rBV3	25857	63015	13.14%	1.608%
41	12.256	1696	1698	1702	rVB	10400	12614	2.63%	0.322%
42	12.310	1702	1707	1708	rBV4	9791	15023	3.13%	0.383%
43	12.347	1708	1713	1717	rBV3	26779	51291	10.70%	1.309%
44	12.469	1729	1733	1737	rVB2	11710	18511	3.86%	0.472%
45	12.621	1752	1758	1765	rBV2	144560	241861	50.43%	6.172%
46	12.701	1766	1771	1778	rVV3	15779	33050	6.89%	0.843%
47	12.786	1780	1785	1792	rVB6	32076	67422	14.06%	1.721%
48	12.871	1792	1799	1802	rBV6	10455	23792	4.96%	0.607%
49	12.945	1805	1811	1817	rVV7	21834	61559	12.84%	1.571%
50	12.999	1817	1820	1824	rVB3	7971	11225	2.34%	0.286%
51	13.085	1830	1834	1838	rBV6	8405	13652	2.85%	0.348%
52	13.182	1845	1850	1852	rBV4	11391	20541	4.28%	0.524%
53	13.268	1860	1864	1867	rBV5	6968	12387	2.58%	0.316%
54	13.383	1881	1883	1888	rVB2	8894	11070	2.31%	0.282%
55	13.457	1892	1895	1898	rVB4	10099	12865	2.68%	0.328%
56	13.566	1907	1913	1920	rVB	92128	154495	32.22%	3.943%
57	13.804	1949	1952	1960	rVB8	5061	12204	2.54%	0.311%
58	13.883	1960	1965	1971	rBV3	28605	48874	10.19%	1.247%
59	14.103	1993	2001	2008	rVB2	26997	61375	12.80%	1.566%
60	14.213	2014	2019	2025	rVB	26255	43630	9.10%	1.113%
61	14.274	2025	2029	2035	rVB8	8109	16263	3.39%	0.415%
62	14.395	2045	2049	2051	rBV4	10064	16248	3.39%	0.415%
63	14.426	2051	2054	2064	rVB3	17839	31370	6.54%	0.801%
64	14.804	2111	2116	2123	rBV2	14651	34927	7.28%	0.891%
65	14.865	2123	2126	2134	rVB7	4836	8897	1.86%	0.227%
66	15.078	2156	2161	2164	rBV5	7718	12830	2.68%	0.327%
67	15.182	2173	2178	2185	rVB4	8994	20249	4.22%	0.517%
68	15.255	2186	2190	2199	rVB9	6394	12214	2.55%	0.312%
69	15.420	2214	2217	2219	rBV4	3716	4895	1.02%	0.125%
70	15.572	2240	2242	2251	rVB8	4182	8939	1.86%	0.228%
71	15.749	2267	2271	2278	rVB10	7306	15435	3.22%	0.394%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SW846 8260

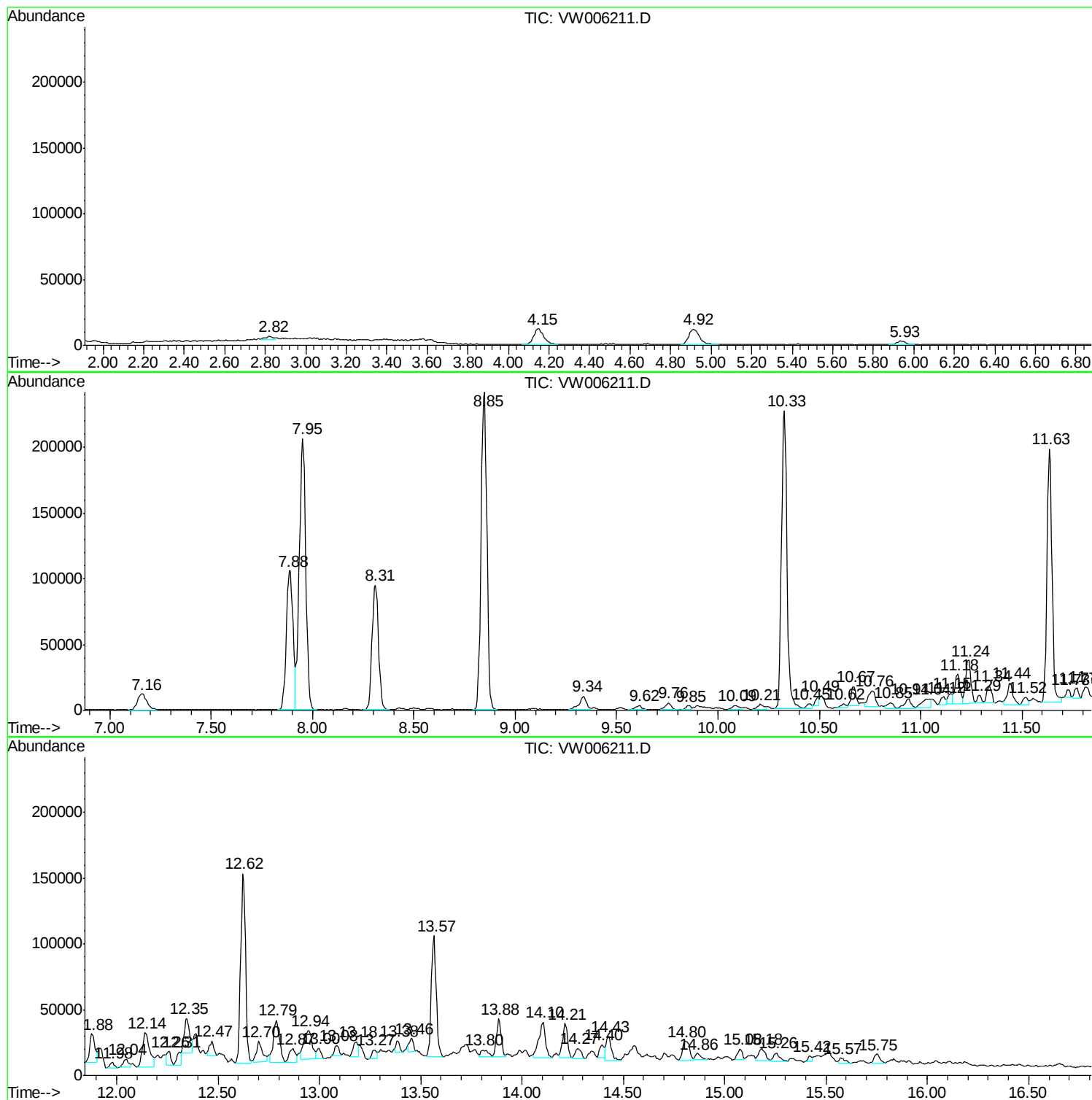
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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



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Operator : VA/AP
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Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

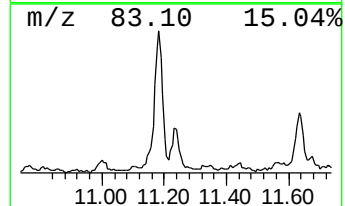
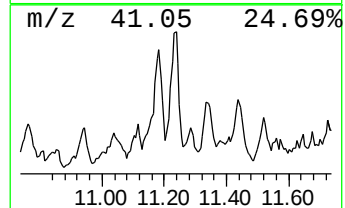
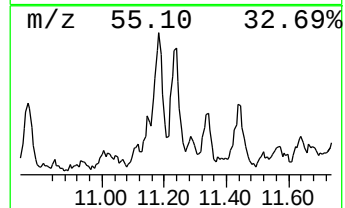
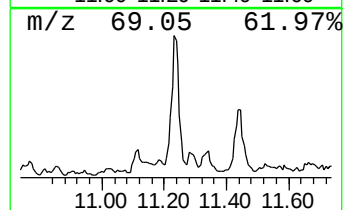
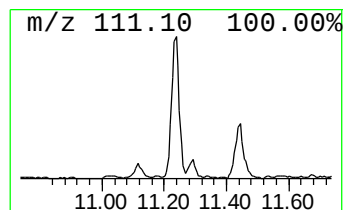
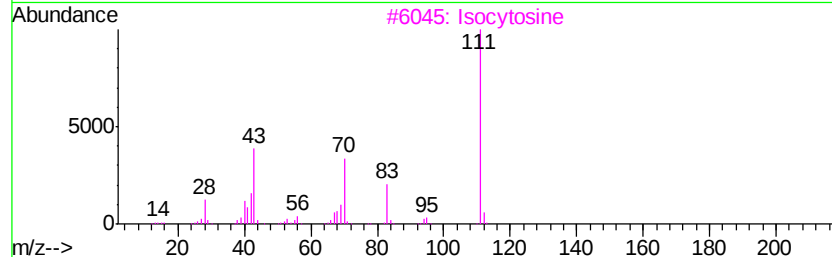
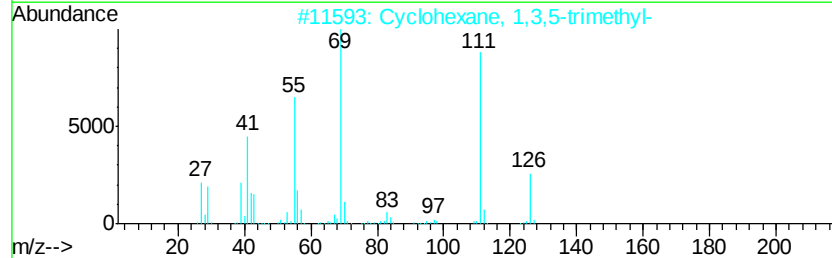
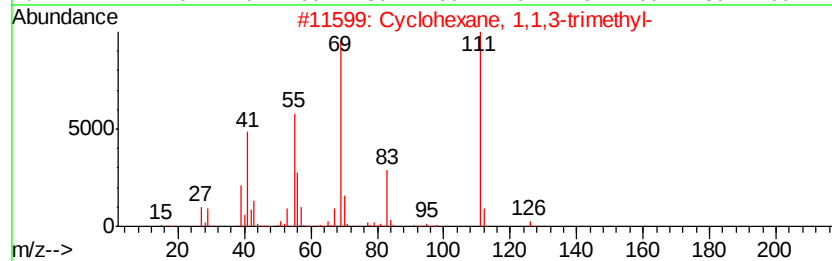
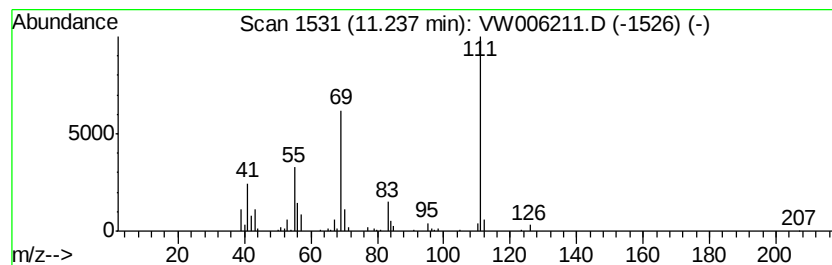
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	8.88 ug/l	58775	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3		Isocytosine	111	C4H5N3O	000108-53-2	59
4		Benzenamine, 3-fluoro-	111	C6H6FN	000372-19-0	53
5		Pyrazol-4-amine, 1,5-dimethyl-	111	C5H9N3	121983-36-6	53



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Instrument :
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ClientSampleId :
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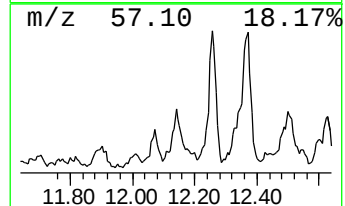
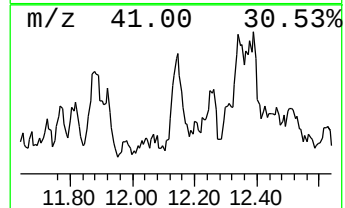
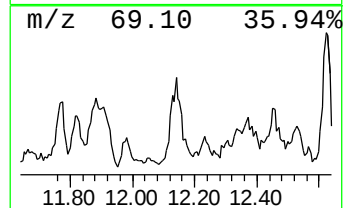
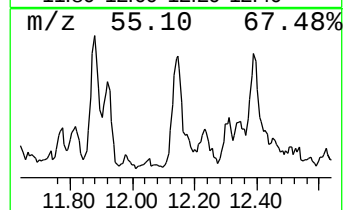
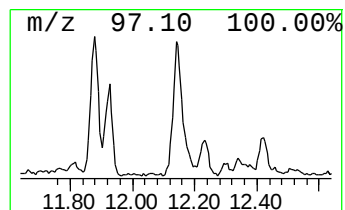
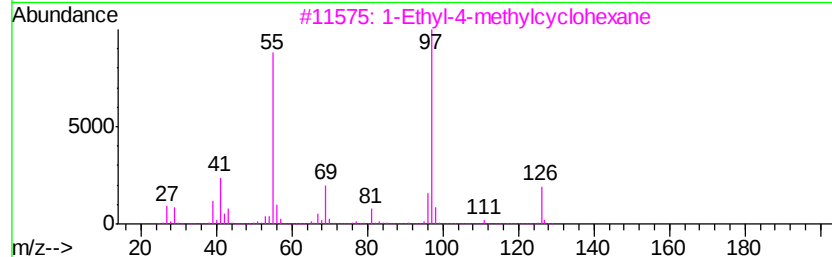
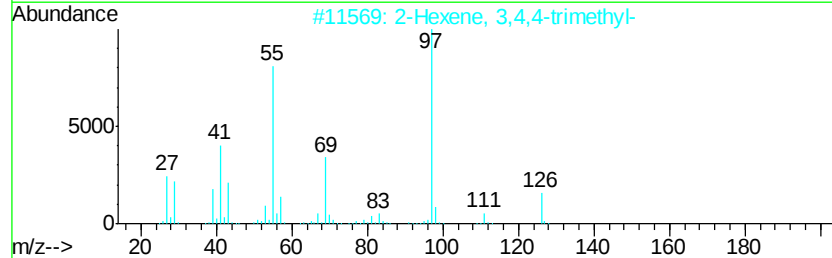
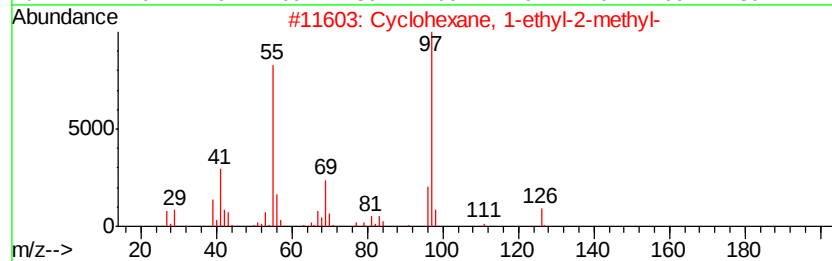
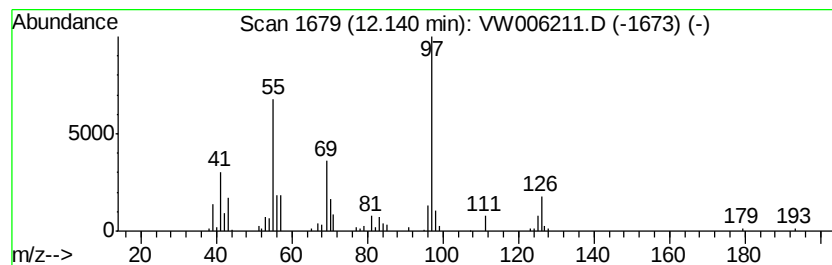
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	9.52 ug/l	63015	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
2		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	72
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	68
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
5		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64



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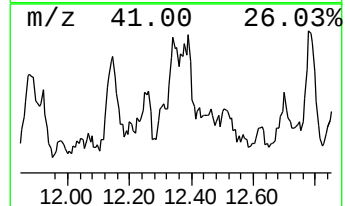
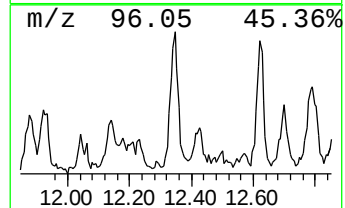
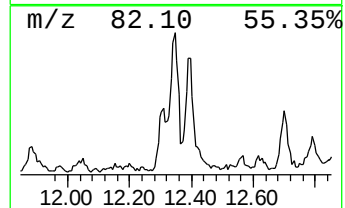
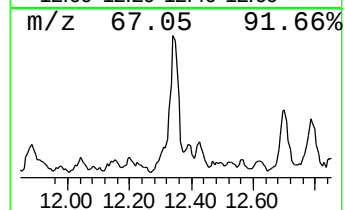
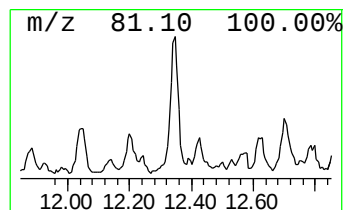
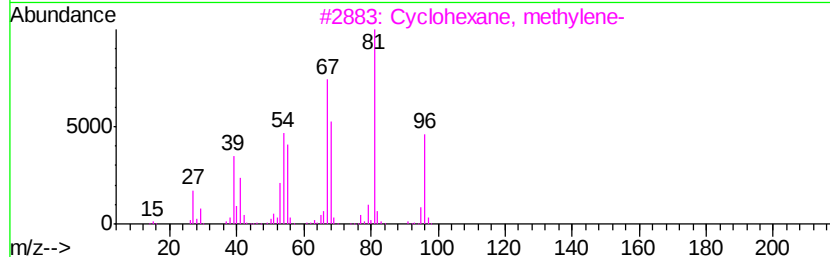
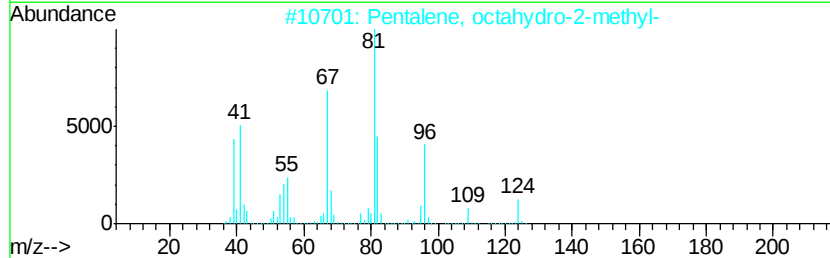
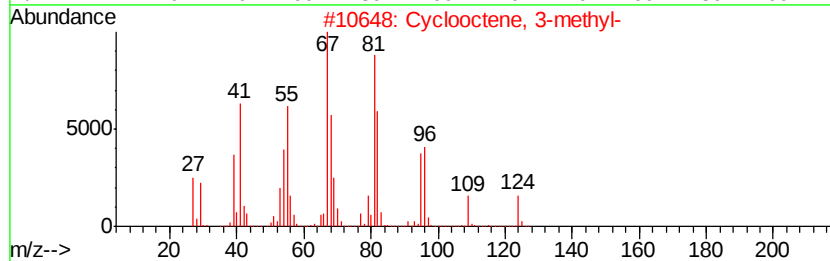
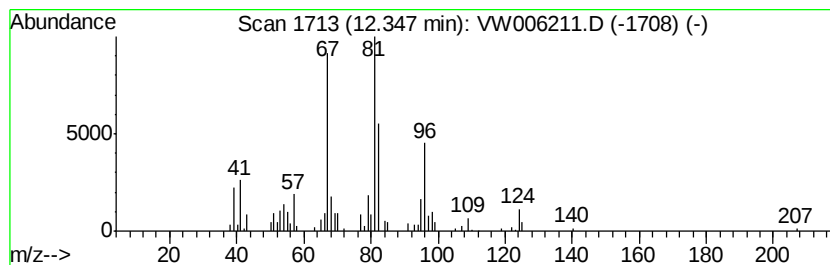
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Quant Title : SW846 8260

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

Peak Number 3 Cyclooctene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	7.75 ug/l	51291	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	81
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	59
4		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	50
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43



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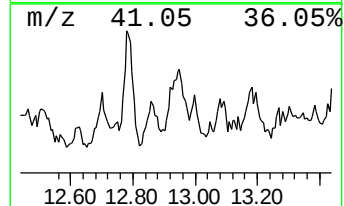
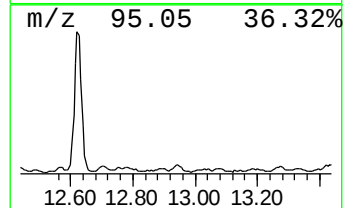
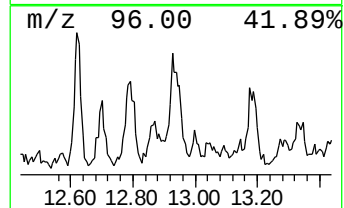
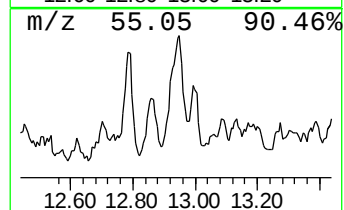
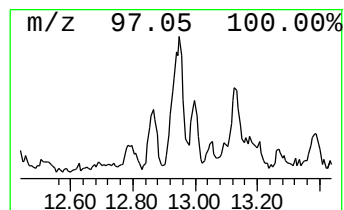
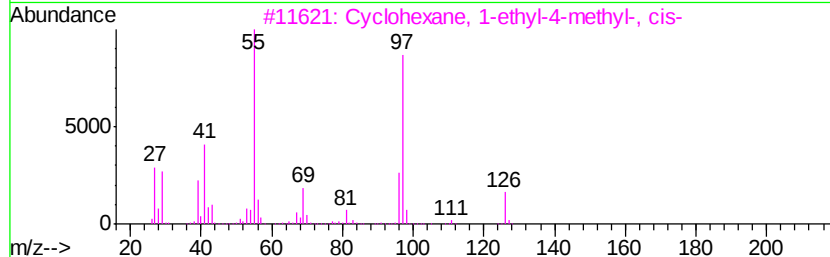
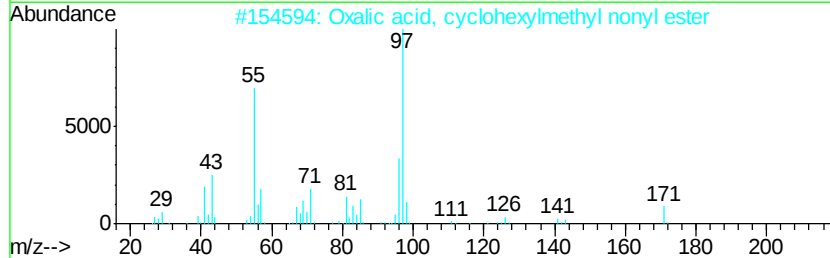
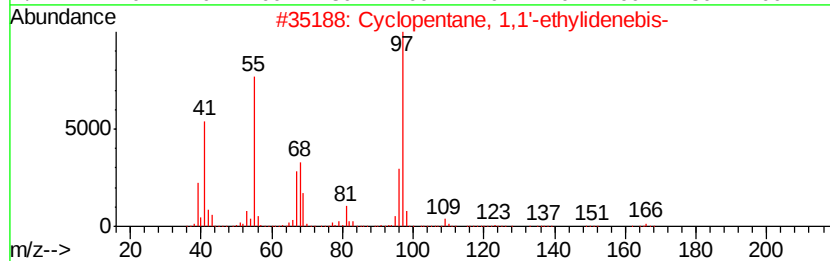
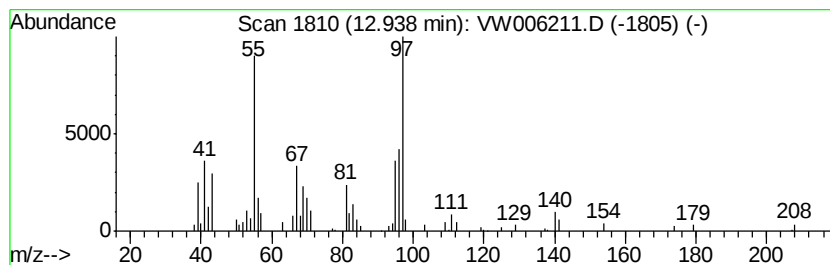
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	19.92 ug/l	61559	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	47
2		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	43
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4		Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	38
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

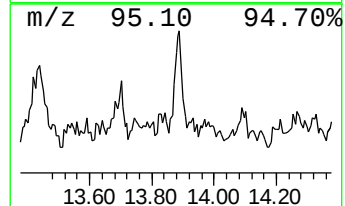
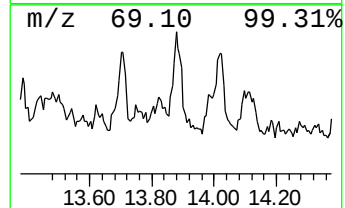
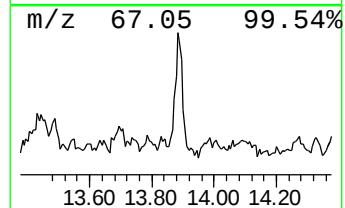
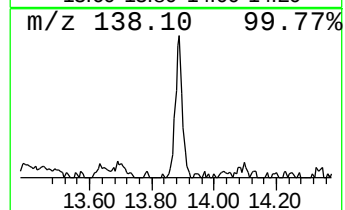
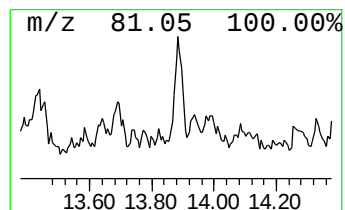
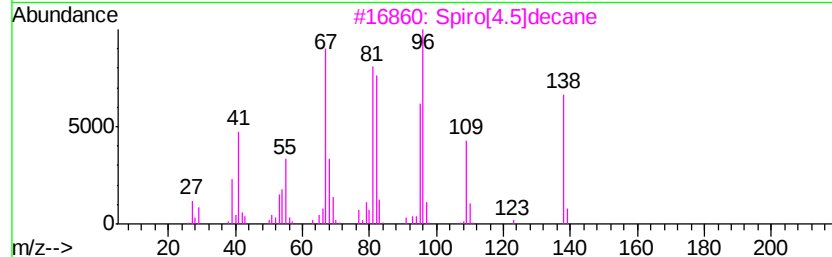
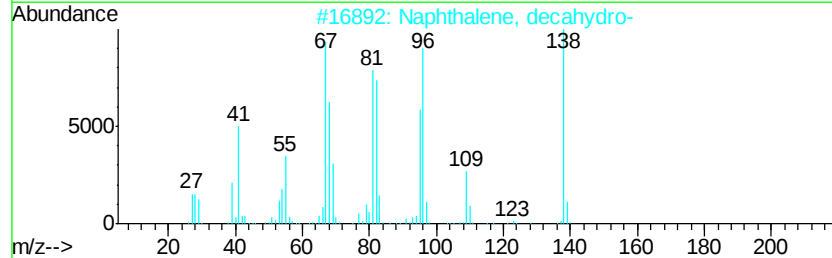
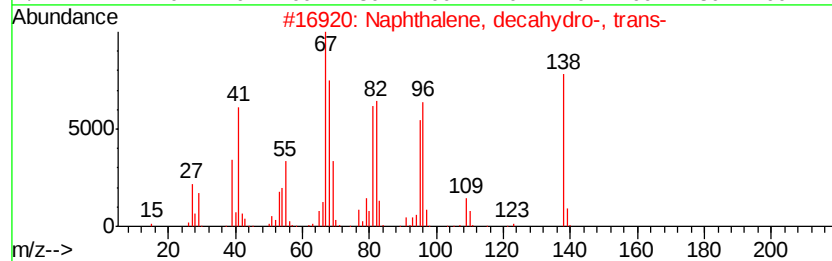
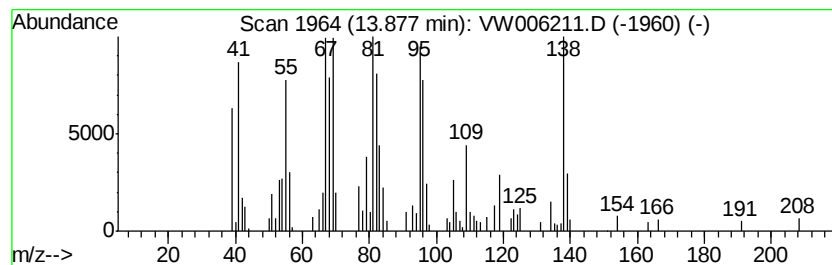
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	15.82 ug/l	48874	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	89
3		Spiro[4.5]decane	138	C10H18	000176-63-6	83
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	62
5		Cyclodecene	138	C10H18	003618-12-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

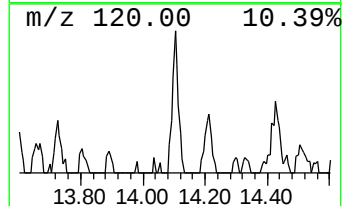
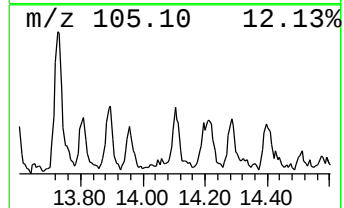
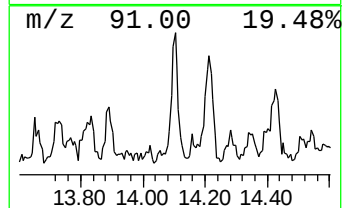
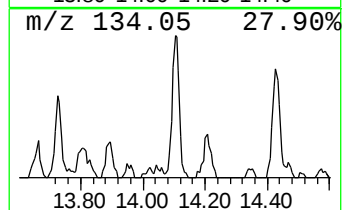
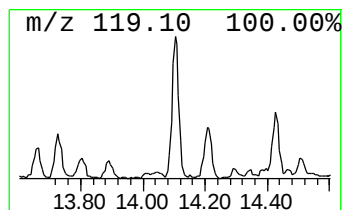
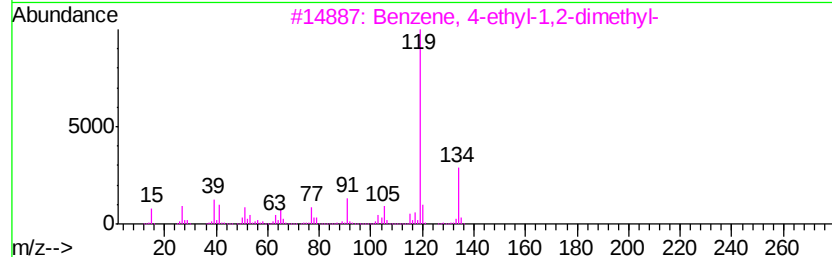
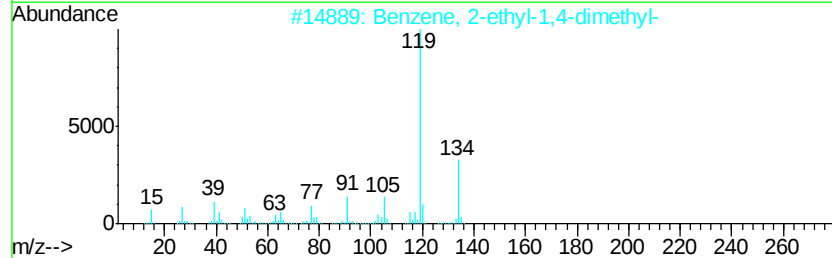
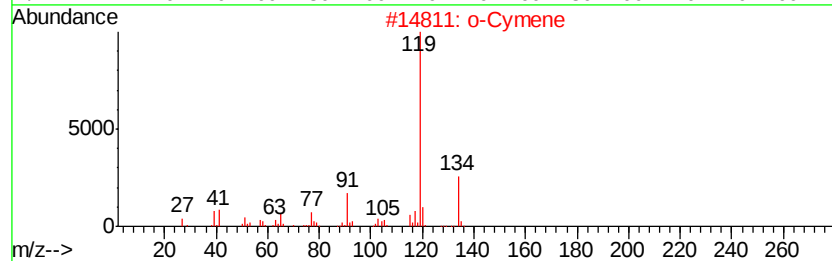
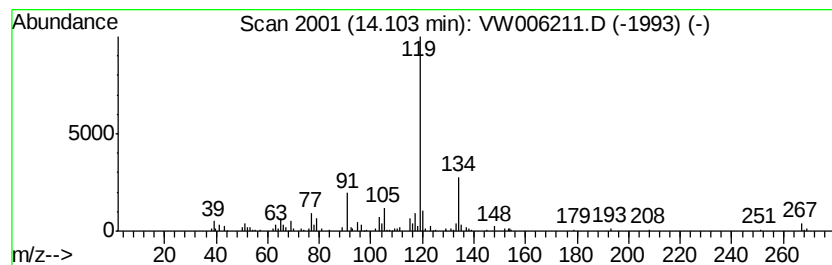
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Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	19.86 ug/l	61375	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

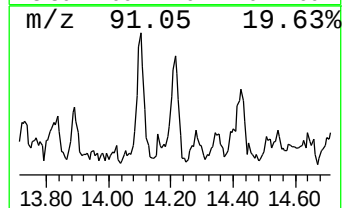
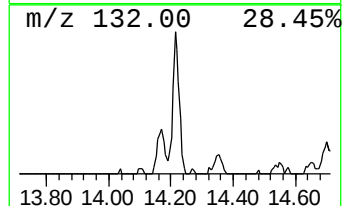
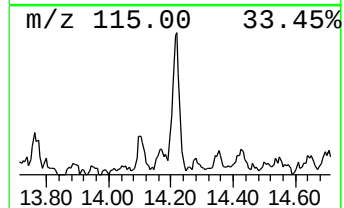
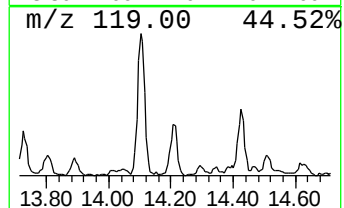
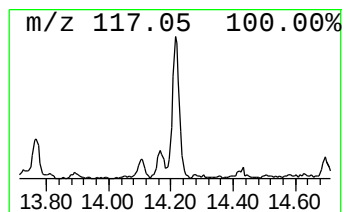
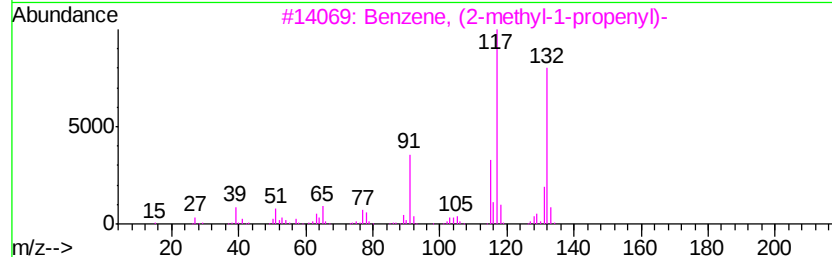
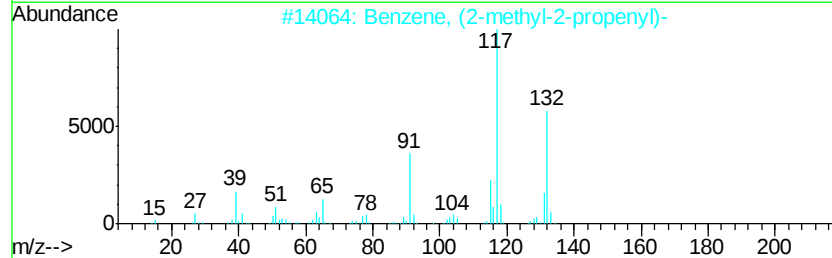
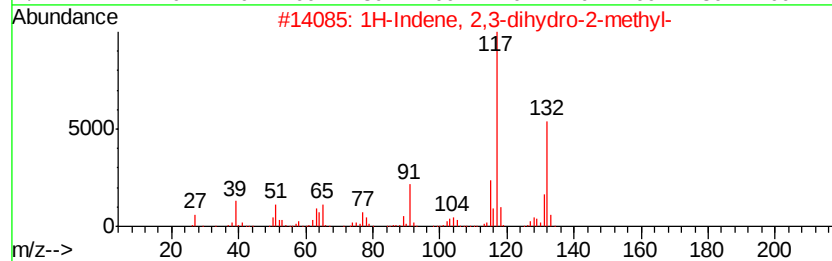
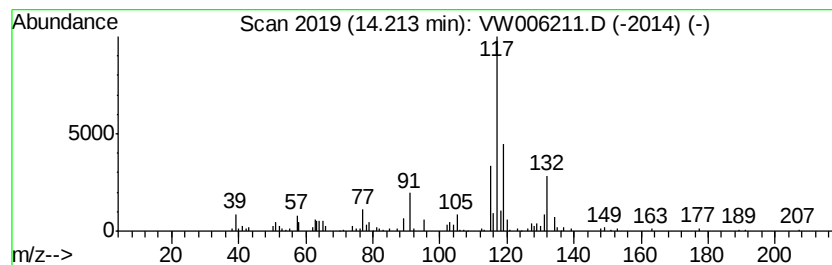
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	14.12 ug/l	43630	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	68
2		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	68
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

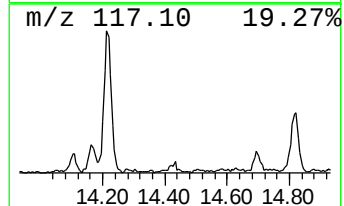
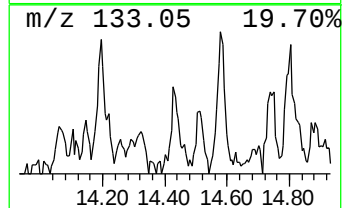
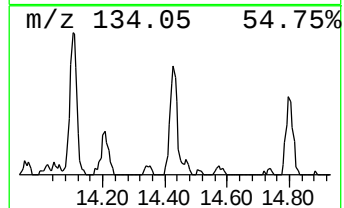
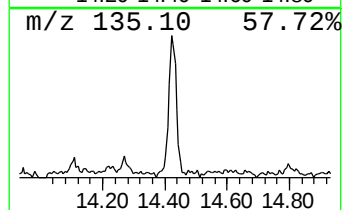
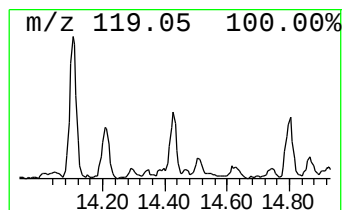
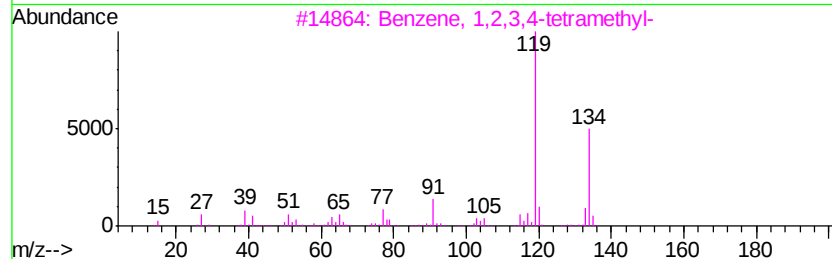
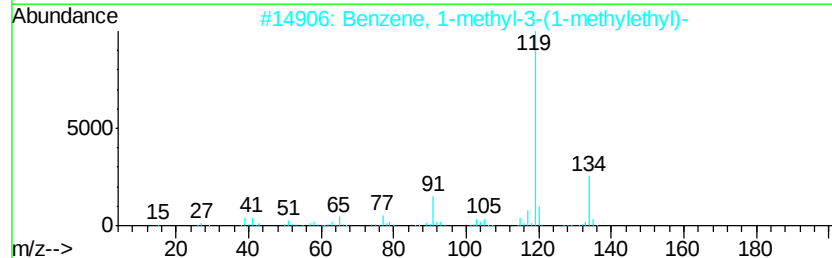
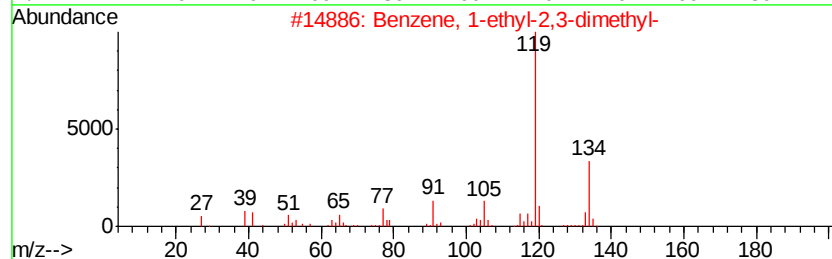
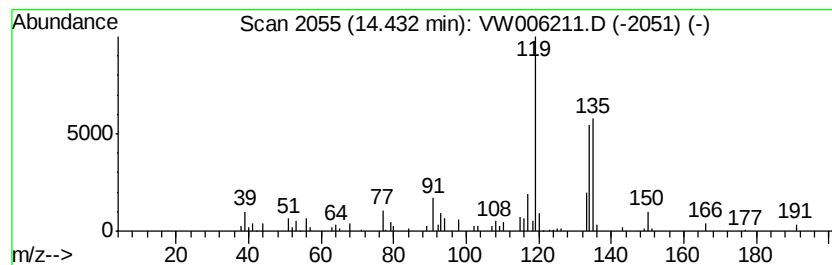
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	10.15 ug/l	31370	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	62
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	62
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62
5		p-Cymene	134	C10H14	000099-87-6	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

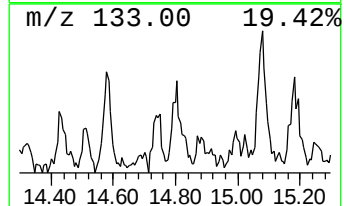
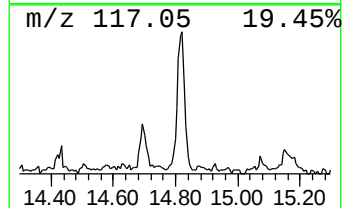
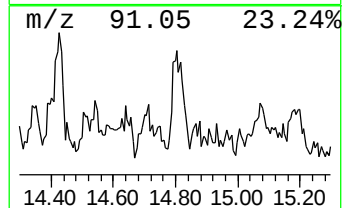
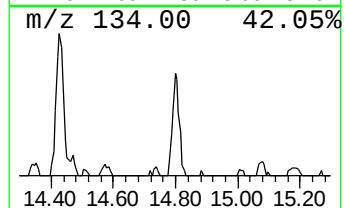
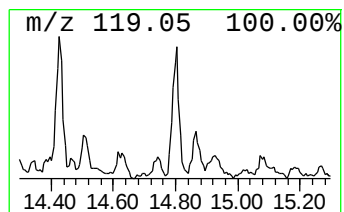
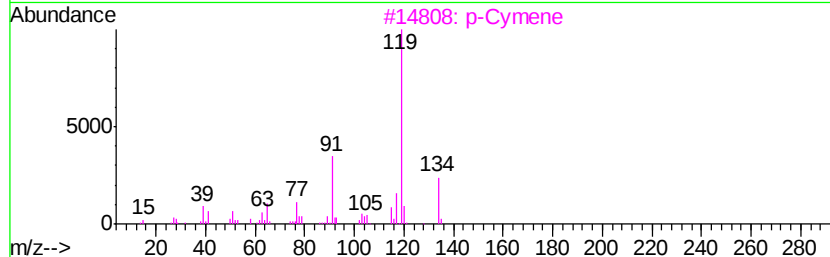
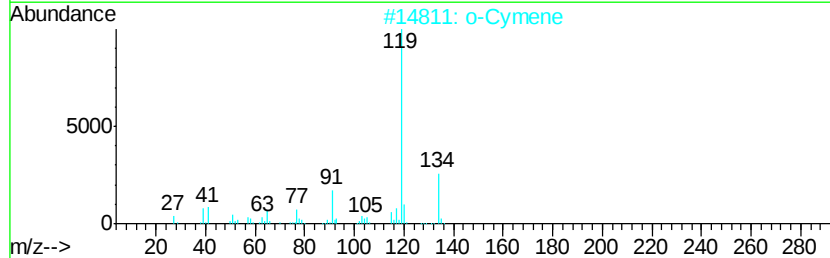
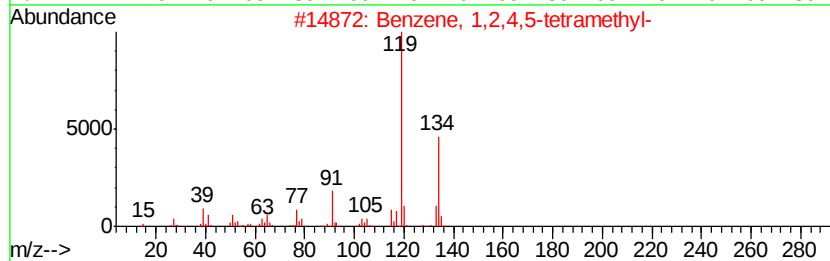
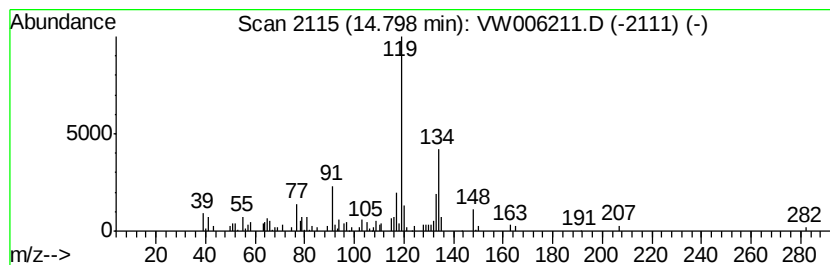
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.30 ug/l	34927	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2		o-Cymene	134	C10H14	000527-84-4	64
3		p-Cymene	134	C10H14	000099-87-6	64
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.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
Cyclohexane, 1,1,...	11.24	8.9	ug/l	58775	3	11.63	330802	50.0
Cyclohexane, 1-et...	12.14	9.5	ug/l	63015	3	11.63	330802	50.0
Cyclooctene, 3-me...	12.35	7.8	ug/l	51291	3	11.63	330802	50.0
unknown12.94	12.94	19.9	ug/l	61559	4	13.57	154495	50.0
Naphthalene, deca...	13.88	15.8	ug/l	48874	4	13.57	154495	50.0
o-Cymene	14.10	19.9	ug/l	61375	4	13.57	154495	50.0
1H-Indene, 2,3-di...	14.21	14.1	ug/l	43630	4	13.57	154495	50.0
Benzene, 1-ethyl-...	14.43	10.2	ug/l	31370	4	13.57	154495	50.0
Benzene, 1,2,4,5-...	14.80	11.3	ug/l	34927	4	13.57	154495	50.0