

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003933.D
 Acq On : 13 Jul 2018 23:13
 Operator : VA/AP
 Sample : J3545-02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-3

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	1.807	28	36	58	rVB	1203381	2706735	100.00%	27.106%
2	4.910	533	545	560	rBV3	26826	96020	3.55%	0.962%
3	7.159	904	914	927	rBV2	9468	29974	1.11%	0.300%
4	7.885	1023	1033	1038	rBV	159306	374607	13.84%	3.751%
5	7.952	1038	1044	1058	rVB	261964	579595	21.41%	5.804%
6	8.305	1089	1102	1117	rBV	161858	359875	13.30%	3.604%
7	8.848	1182	1191	1201	rBV	419961	829661	30.65%	8.309%
8	10.329	1423	1434	1442	rBV	577000	1020197	37.69%	10.217%
9	11.634	1639	1648	1656	rBV	528243	884067	32.66%	8.853%
10	12.622	1804	1810	1818	rBV	389024	642099	23.72%	6.430%
11	12.890	1844	1854	1858	rBV9	10580	34065	1.26%	0.341%
12	12.945	1858	1863	1870	rVV3	32781	61652	2.28%	0.617%
13	13.262	1910	1915	1919	rBV3	15838	29062	1.07%	0.291%
14	13.567	1956	1965	1973	rVB	415886	704635	26.03%	7.056%
15	13.884	2012	2017	2028	rBV4	64726	136550	5.04%	1.367%
16	14.091	2047	2051	2058	rVB3	26958	52623	1.94%	0.527%
17	14.207	2065	2070	2075	rBV6	24732	51502	1.90%	0.516%
18	14.268	2076	2080	2086	rVV5	30406	56919	2.10%	0.570%
19	14.341	2087	2092	2097	rBV7	32843	78154	2.89%	0.783%
20	14.396	2097	2101	2103	rBV4	43953	68814	2.54%	0.689%
21	14.426	2103	2106	2116	rVB2	91792	178976	6.61%	1.792%
22	14.536	2116	2124	2125	rBV3	43988	93747	3.46%	0.939%
23	14.609	2132	2136	2142	rVB9	35914	68975	2.55%	0.691%
24	14.737	2153	2157	2163	rVB4	44540	78633	2.91%	0.787%
25	14.810	2163	2169	2174	rBV4	53574	152472	5.63%	1.527%
26	14.865	2174	2178	2183	rVB4	64300	127047	4.69%	1.272%
27	14.981	2192	2197	2199	rBV4	44442	83687	3.09%	0.838%
28	15.011	2199	2202	2207	rVB	67904	106661	3.94%	1.068%
29	15.079	2209	2213	2218	rVB3	65391	110613	4.09%	1.108%
30	15.140	2219	2223	2225	rBV2	60378	91416	3.38%	0.915%
31	15.341	2252	2256	2262	rBV2	54657	96621	3.57%	0.968%

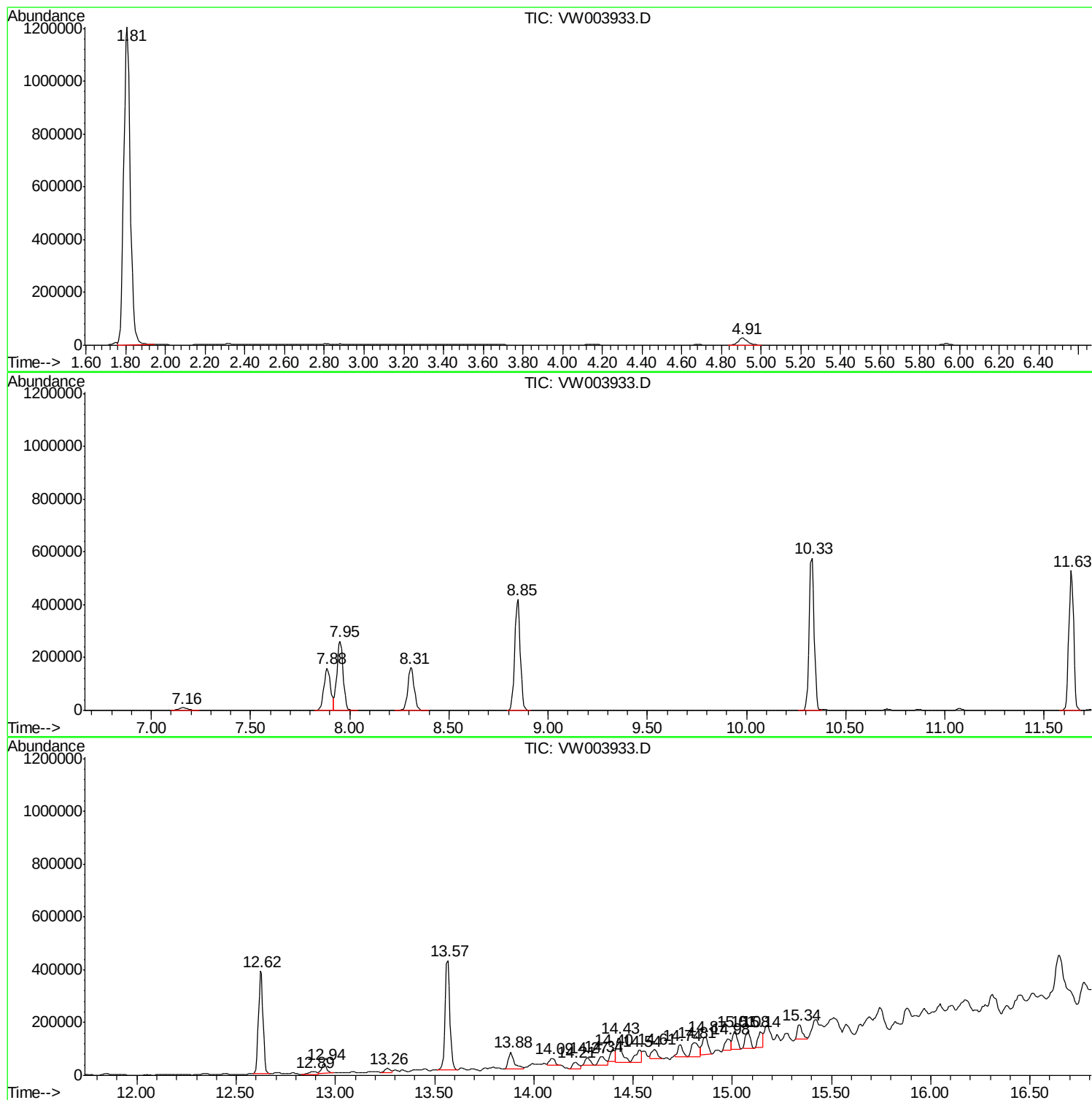
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Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

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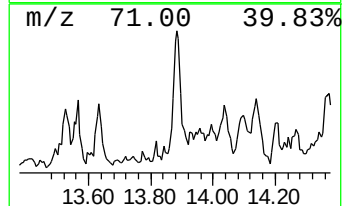
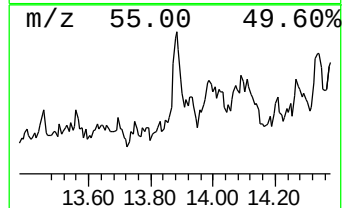
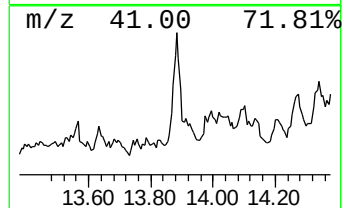
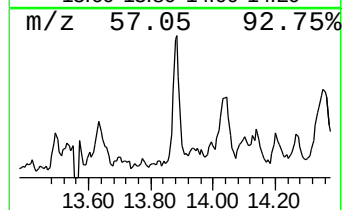
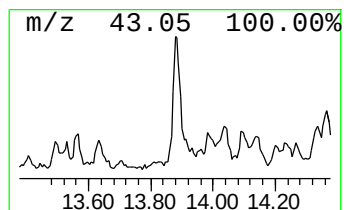
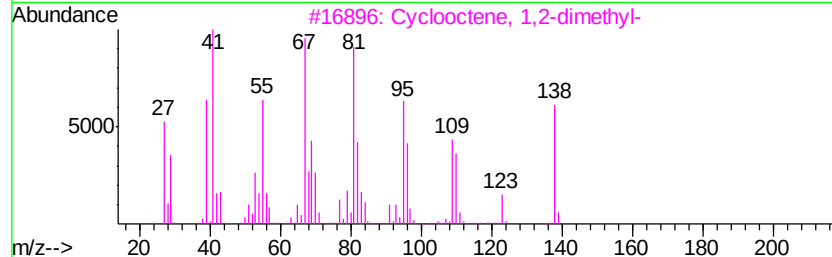
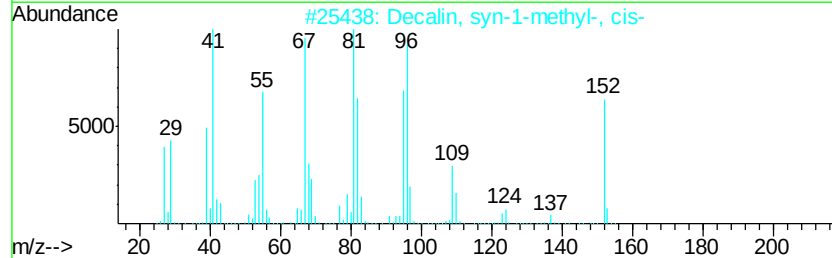
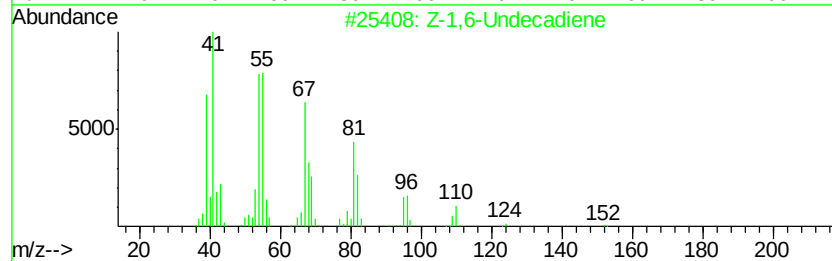
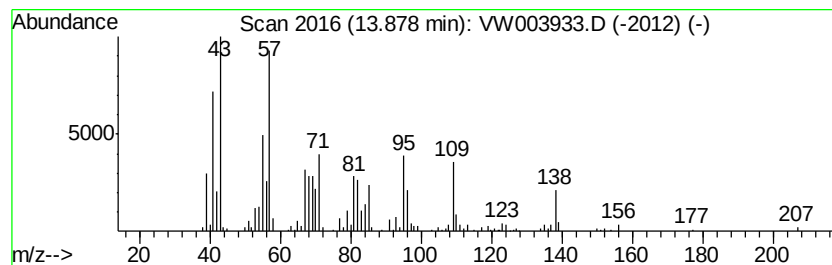
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.88 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.69 ug/l	136550	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Z-1,6-Undecadiene	152	C11H20	1000245-71-1	46
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46
3			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	46
4			2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	46
5			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	41



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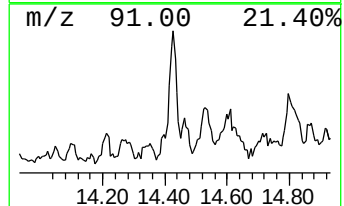
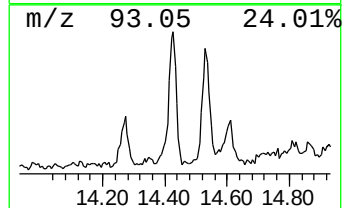
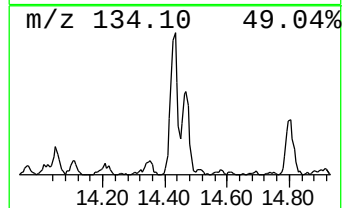
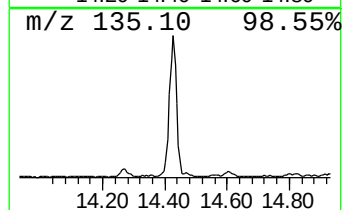
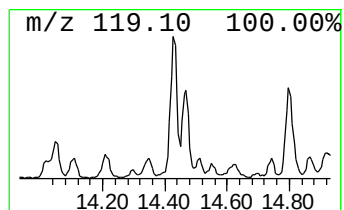
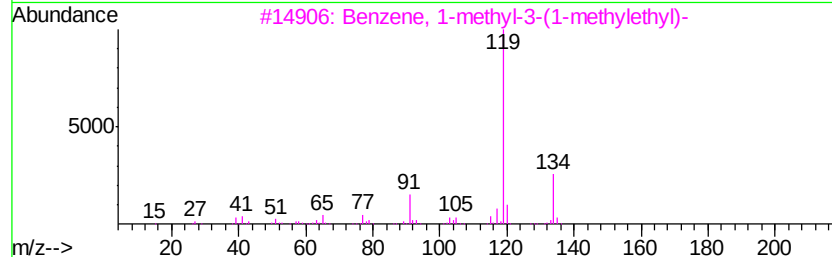
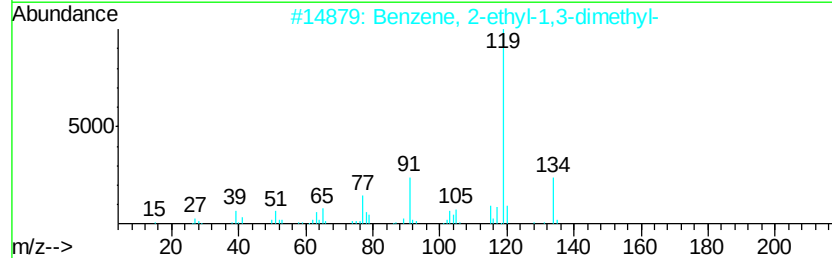
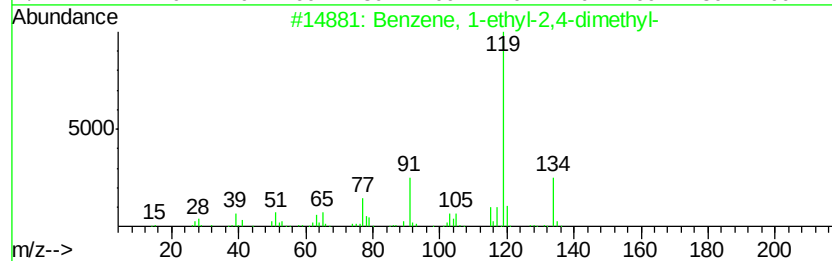
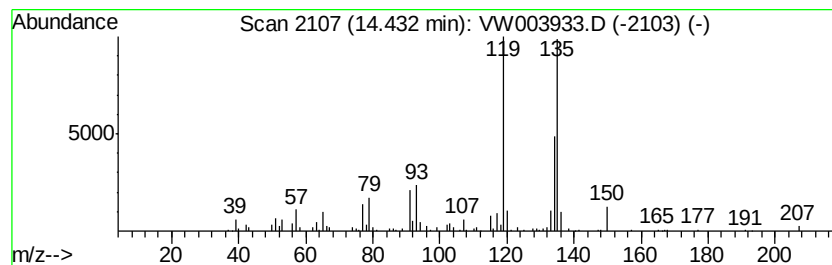
Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

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 unknown14.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	12.70 ug/l	178976	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 46
2		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 46
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 46
4		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 46
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 46



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Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

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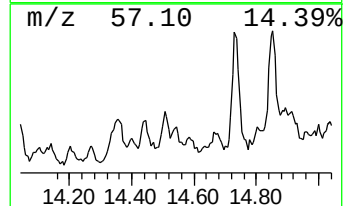
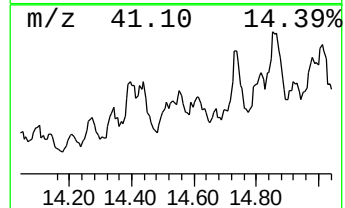
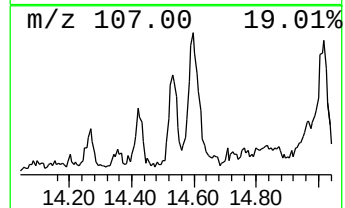
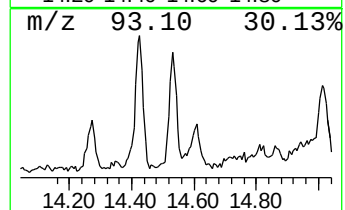
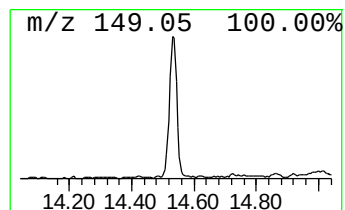
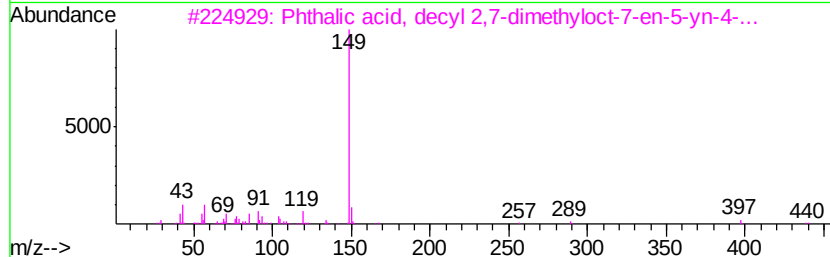
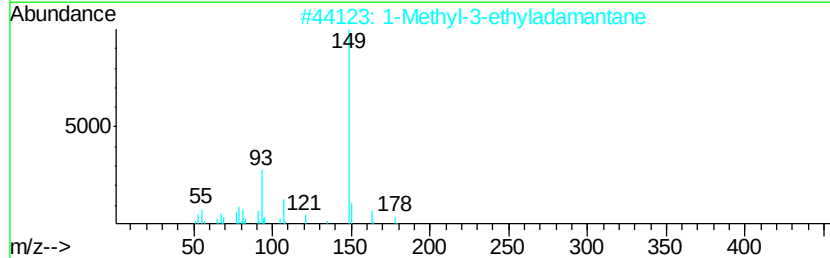
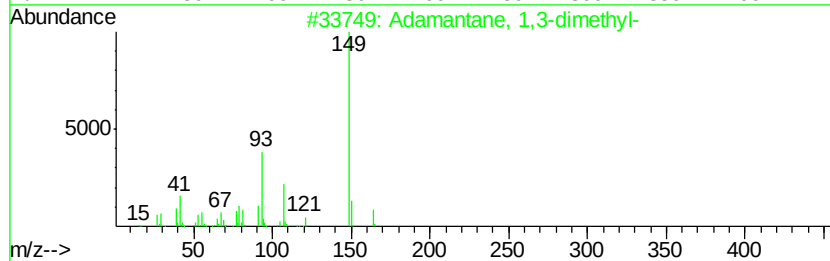
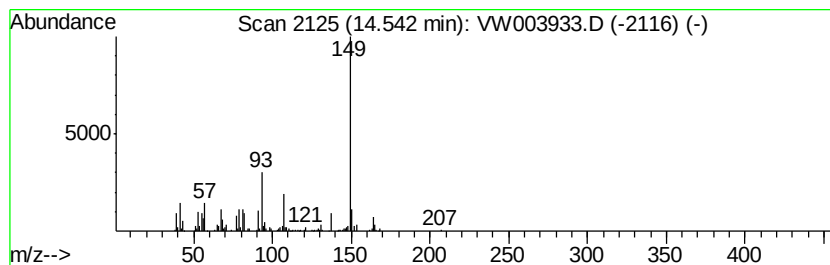
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 4 Adamantane, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.65 ug/l	93747	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	94
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64
3		Phthalic acid, decyl 2,7-dimethyl...	440	C28H40O4	1000315-49-5	53
4		1,4-Dimethyladamantane	164	C12H20	024145-89-9	50
5		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	50



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Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

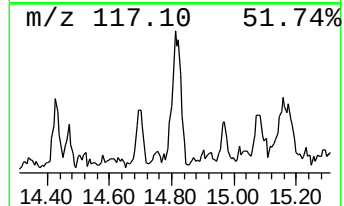
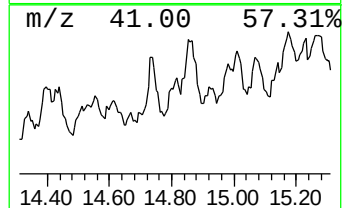
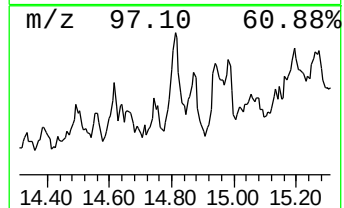
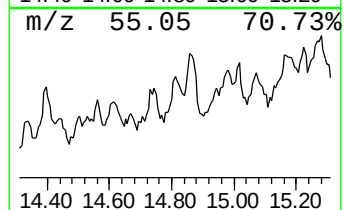
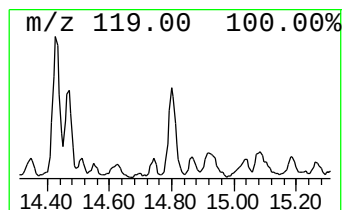
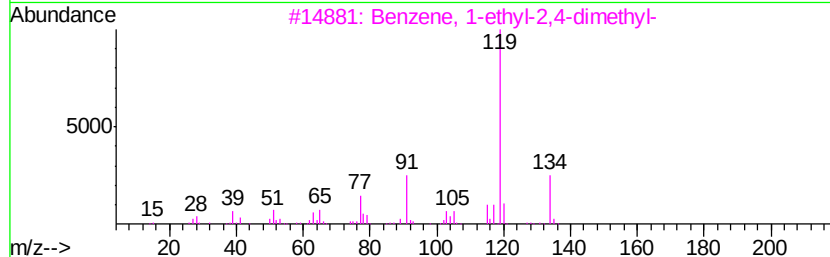
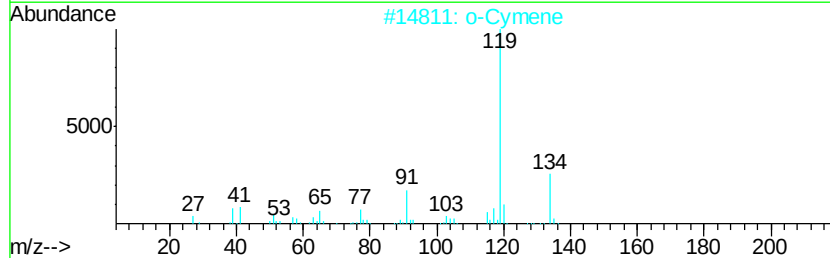
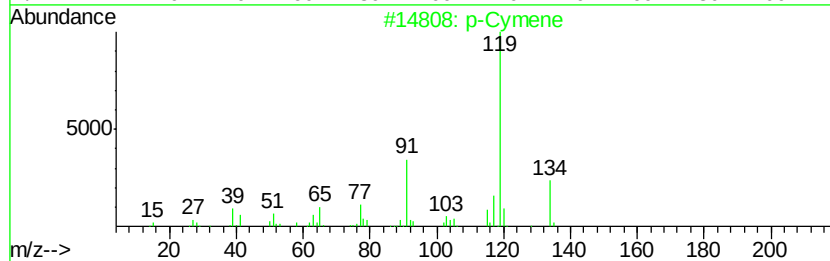
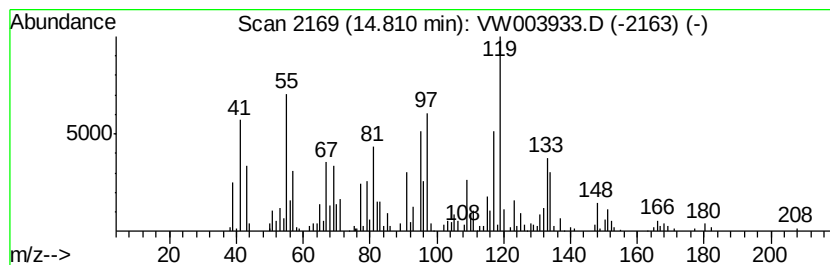
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	10.82 ug/l	152472	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	38
2	o-Cymene	134 C10H14	000527-84-4	38
3	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	38
4	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	38
5	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	38



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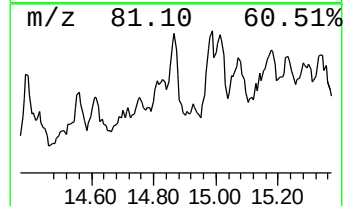
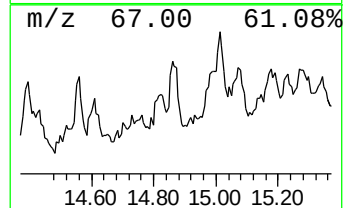
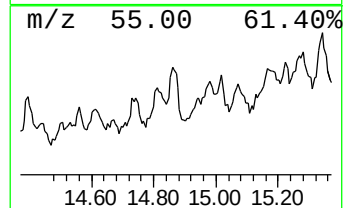
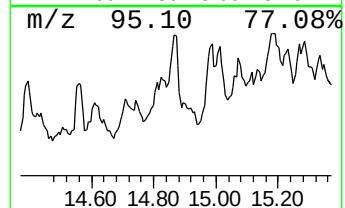
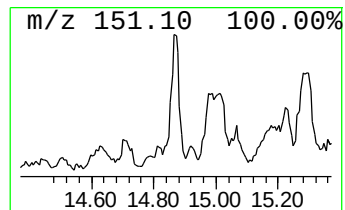
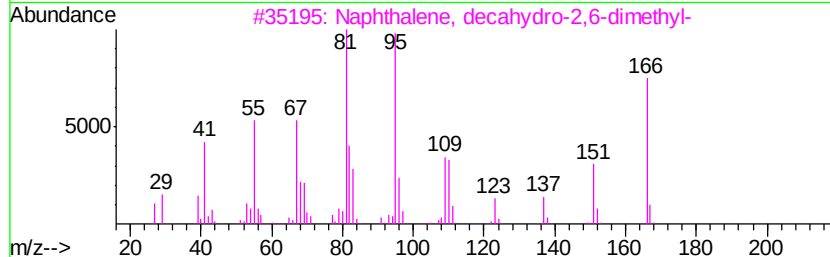
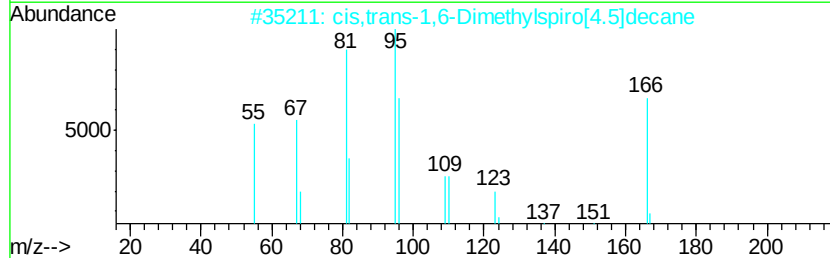
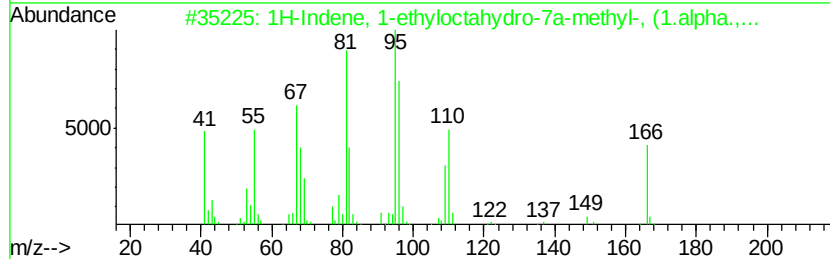
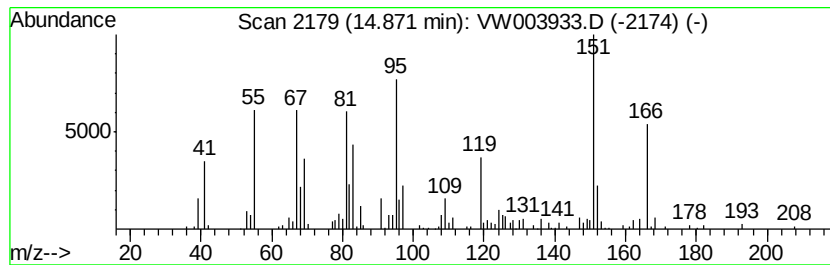
Instrument :
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.87	9.02 ug/l	127047	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	49
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	49
3	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
4	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	38
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	38



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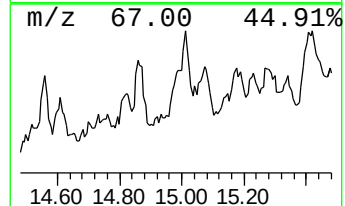
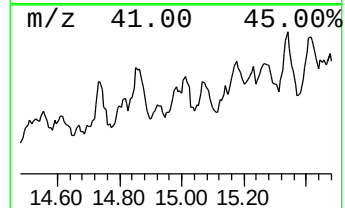
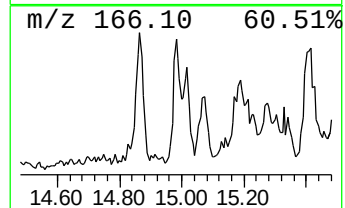
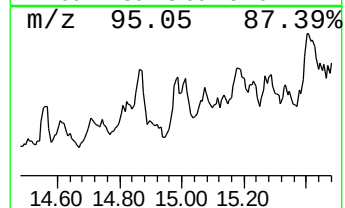
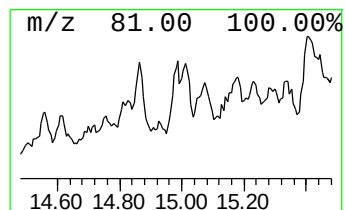
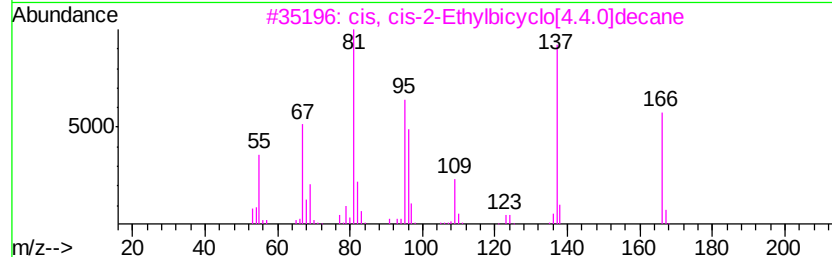
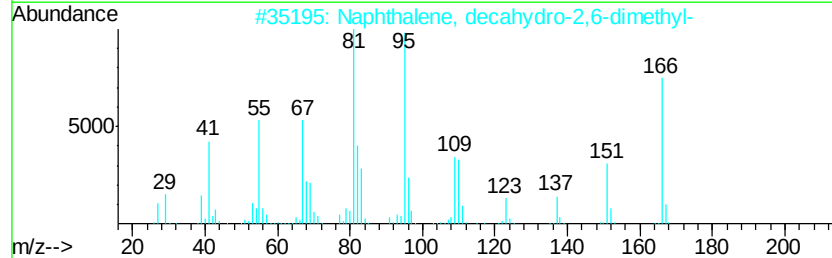
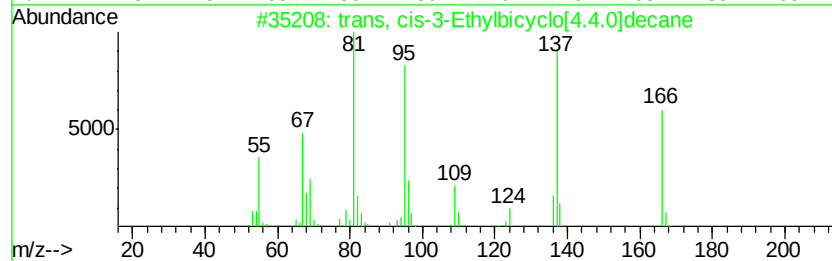
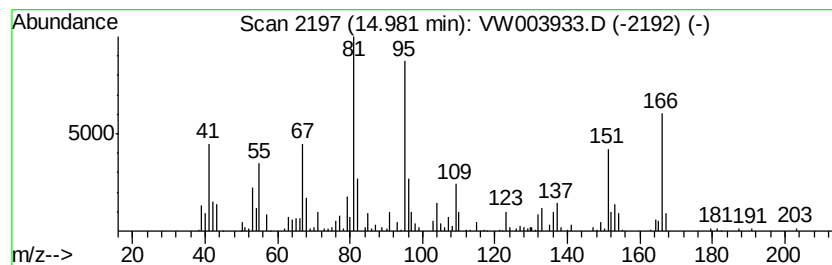
Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

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 7 trans, cis-3-Ethylbicyclo[4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.98	5.94 ug/l	83687	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	81
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	64
3	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	58
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	52
5	Cyclohexene,3-hexyl-	166	C12H22	015232-78-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003933.D
 Acq On : 13 Jul 2018 23:13
 Operator : VA/AP
 Sample : J3545-02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-3

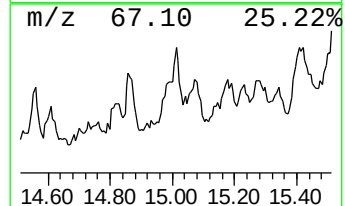
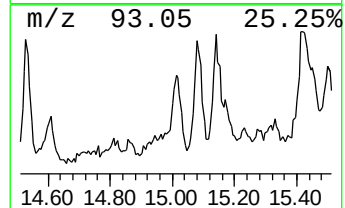
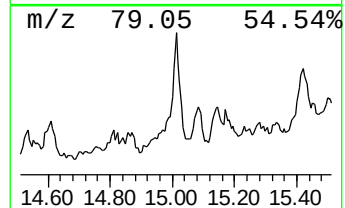
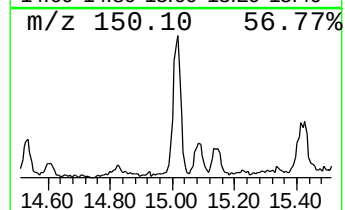
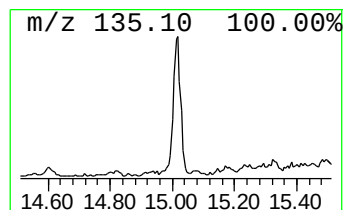
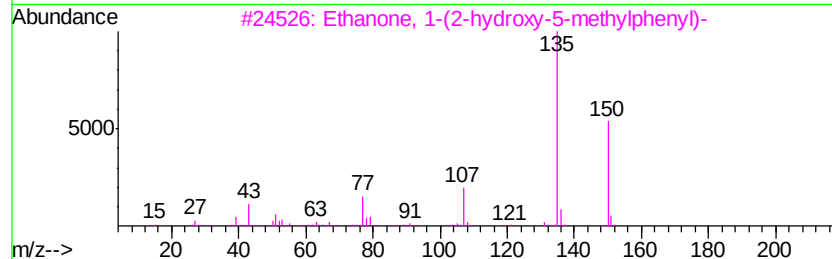
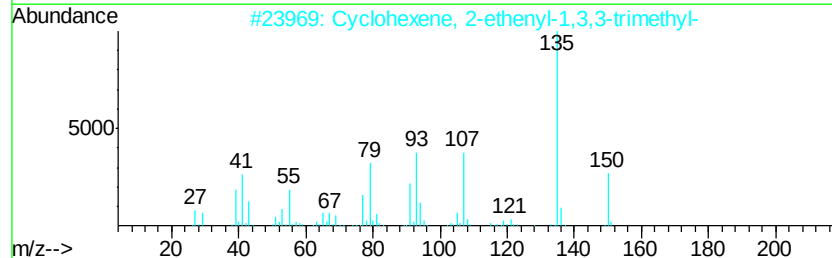
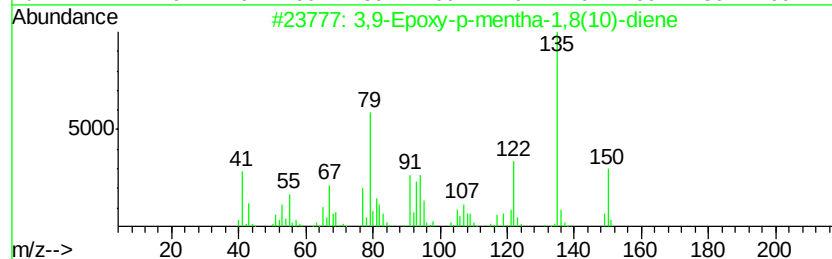
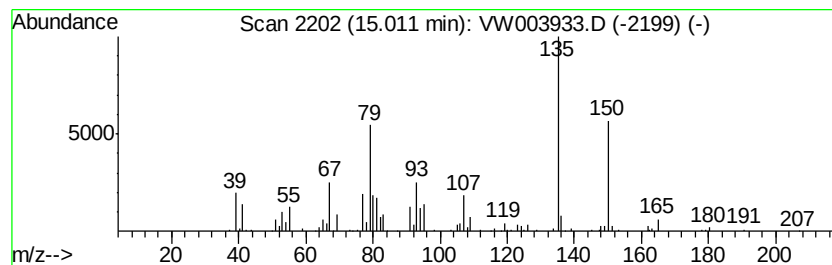
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260

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

 Peak Number 8 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	7.57 ug/l	106661	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	83
2		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	72
3		Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	49
4		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
5		4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003933.D
Acq On : 13 Jul 2018 23:13
Operator : VA/AP
Sample : J3545-02
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

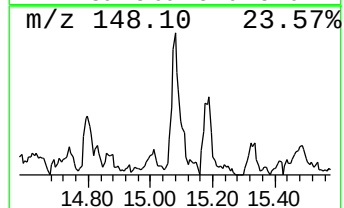
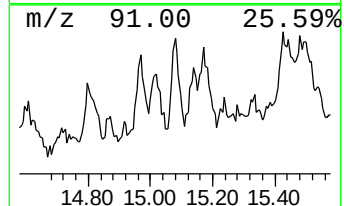
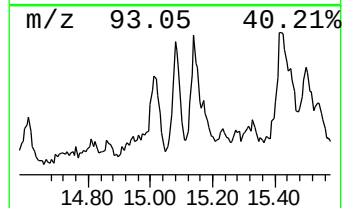
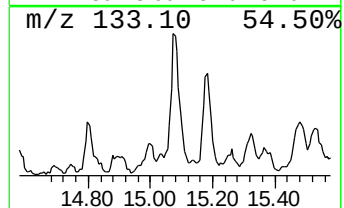
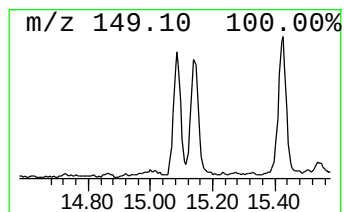
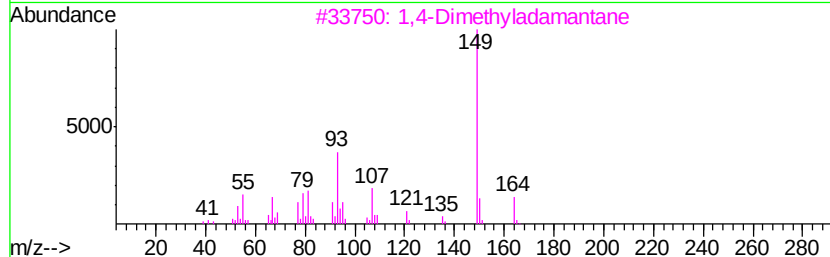
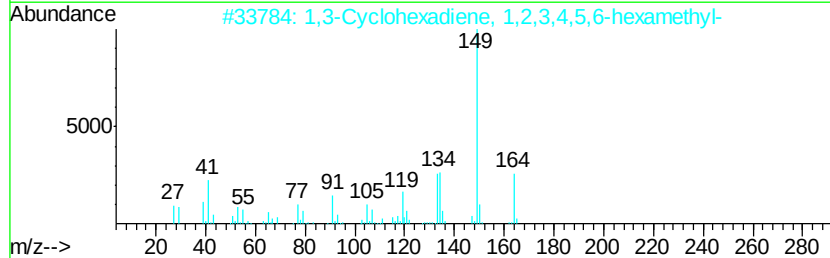
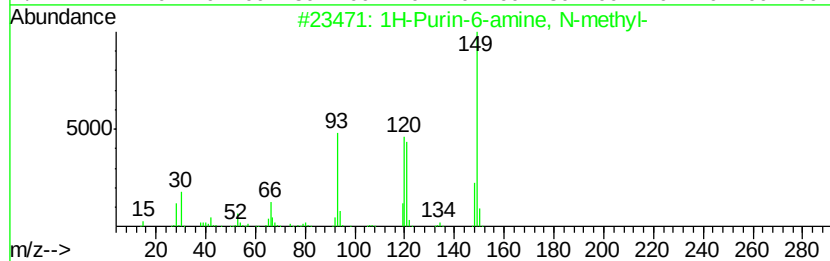
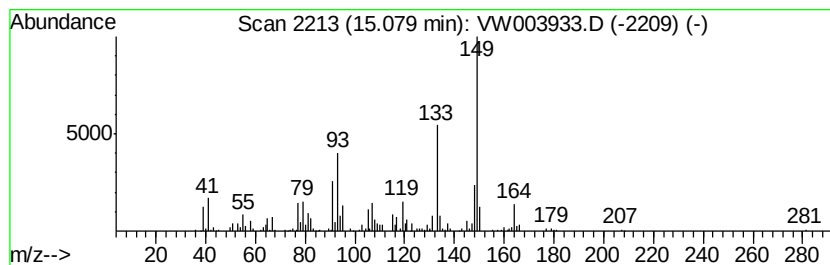
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Purin-6-amine, N-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	7.85 ug/l	110613	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	64
2		1,3-Cyclohexadiene, 1,2,3,4,5,6-...	164	C12H20	1000152-09-6	60
3		1,4-Dimethyladamantane	164	C12H20	024145-89-9	60
4		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	50
5		Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003933.D
Acq On : 13 Jul 2018 23:13
Operator : VA/AP
Sample : J3545-02
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

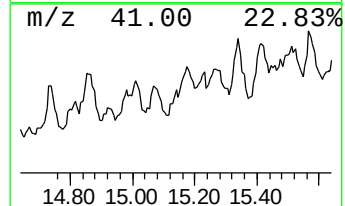
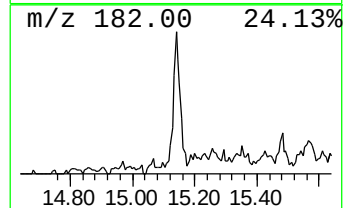
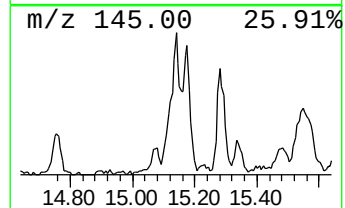
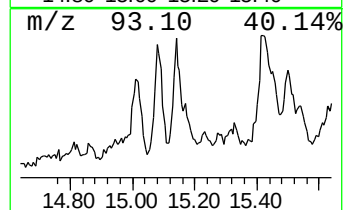
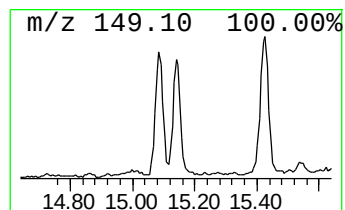
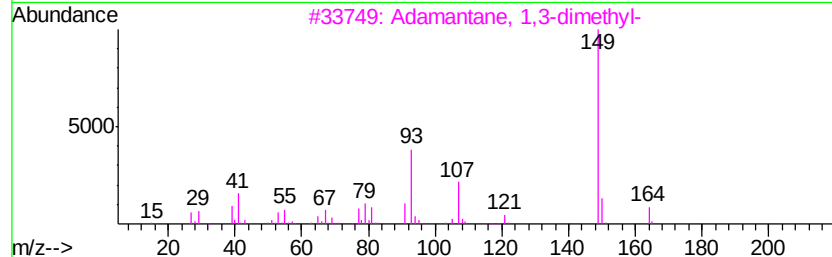
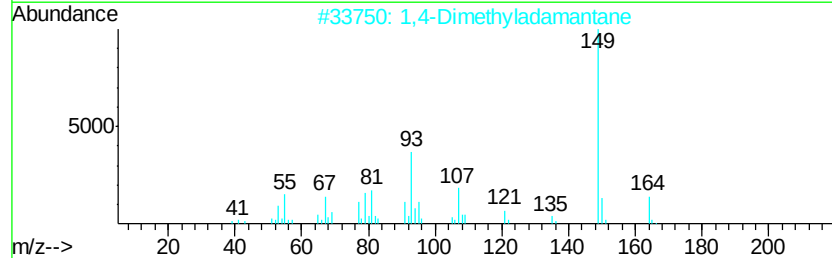
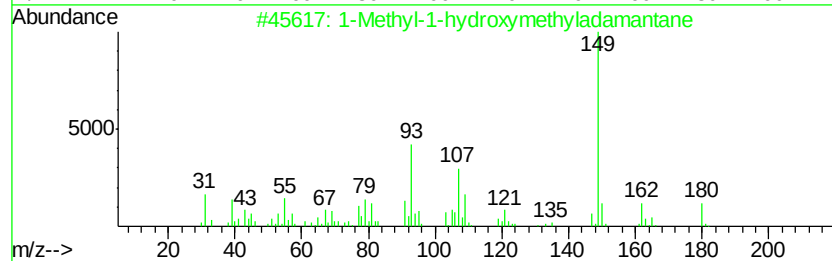
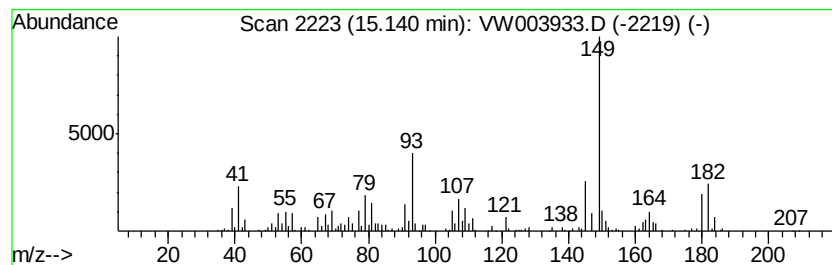
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 10 1-Methyl-1-hydroxymethylada... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.49 ug/l	91416	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-1-hydroxymethyladamantane	180	C12H20O	001200-78-8	68
2		1,4-Dimethyladamantane	164	C12H20	024145-89-9	64
3		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	60
4		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	46
5		Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071318\
Data File : VW003933.D
Acq On : 13 Jul 2018 23:13
Operator : VA/AP
Sample : J3545-02
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown13.88	13.88	9.7	ug/l	136550	4	13.57	704635	50.0
unknown14.43	14.43	12.7	ug/l	178976	4	13.57	704635	50.0
Adamantane, 1,3-d...	14.54	6.7	ug/l	93747	4	13.57	704635	50.0
unknown14.81	14.81	10.8	ug/l	152472	4	13.57	704635	50.0
unknown14.87	14.87	9.0	ug/l	127047	4	13.57	704635	50.0
trans, cis-3-Ethy...	14.98	5.9	ug/l	83687	4	13.57	704635	50.0
3,9-Epoxy-p-menth...	15.01	7.6	ug/l	106661	4	13.57	704635	50.0
1H-Purin-6-amine,...	15.08	7.8	ug/l	110613	4	13.57	704635	50.0
1-Methyl-1-hydrox...	15.14	6.5	ug/l	91416	4	13.57	704635	50.0