

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004145.D
 Acq On : 23 Jul 2018 18:39
 Operator : SY/AP
 Sample : J4026-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC001-S-180716

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\82W071618S.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	1.745	13	26	28	rBV	9620	19075	1.02%	0.265%
2	1.806	28	36	54	rVB	815957	1878538	100.00%	26.097%
3	2.154	87	93	104	rBV	24497	51452	2.74%	0.715%
4	4.129	407	417	425	rBV	14505	38742	2.06%	0.538%
5	4.909	532	545	560	rBV3	19087	76487	4.07%	1.063%
6	7.159	903	914	931	rBV2	14360	47413	2.52%	0.659%
7	7.884	1023	1033	1037	rBV2	52940	121599	6.47%	1.689%
8	7.952	1037	1044	1056	rVB	228379	508462	27.07%	7.064%
9	8.311	1094	1103	1113	rVB2	54025	122234	6.51%	1.698%
10	8.848	1180	1191	1203	rBV	359645	708805	37.73%	9.847%
11	10.329	1426	1434	1441	rBV	153370	268819	14.31%	3.734%
12	11.067	1549	1555	1563	rVB2	15378	25425	1.35%	0.353%
13	11.634	1640	1648	1659	rBV	429937	730727	38.90%	10.151%
14	12.445	1775	1781	1789	rBV5	9543	20397	1.09%	0.283%
15	12.621	1803	1810	1817	rVB2	99219	171432	9.13%	2.382%
16	12.890	1842	1854	1859	rBV5	15021	35122	1.87%	0.488%
17	12.981	1859	1869	1873	rBV8	19849	62676	3.34%	0.871%
18	13.085	1881	1886	1892	rVB5	19560	38420	2.05%	0.534%
19	13.213	1901	1907	1912	rBV4	24728	46327	2.47%	0.644%
20	13.268	1912	1916	1919	rBV4	15548	26676	1.42%	0.371%
21	13.341	1925	1928	1932	rVB3	30393	40901	2.18%	0.568%
22	13.402	1932	1938	1945	rBV9	22113	79135	4.21%	1.099%
23	13.566	1954	1965	1972	rBV	370161	663189	35.30%	9.213%
24	13.707	1982	1988	1992	rVB6	27671	54415	2.90%	0.756%
25	13.749	1992	1995	1998	rBV4	17017	28415	1.51%	0.395%
26	13.877	2011	2016	2020	rBV5	41457	80142	4.27%	1.113%
27	14.018	2031	2039	2047	rBV9	26128	91006	4.84%	1.264%
28	14.097	2047	2052	2056	rBV6	36960	69428	3.70%	0.965%
29	14.206	2066	2070	2074	rVB4	20933	29131	1.55%	0.405%
30	14.274	2076	2081	2088	rVV6	39520	92338	4.92%	1.283%
31	14.341	2089	2092	2097	rVB5	20417	33038	1.76%	0.459%
32	14.395	2097	2101	2102	rBV3	30640	40228	2.14%	0.559%
33	14.426	2102	2106	2114	rVB	78868	161259	8.58%	2.240%
34	14.536	2120	2124	2131	rBV3	54433	124685	6.64%	1.732%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	15.011	2192	2202	2207	rVB4	48626	120406	6.41%	1.673%
36	15.145	2220	2224	2225	rBV	20478	29139	1.55%	0.405%
37	15.353	2252	2258	2263	rVB2	53269	114559	6.10%	1.591%
38	15.420	2263	2269	2273	rBV4	51309	115280	6.14%	1.601%
39	16.042	2367	2371	2376	rVB2	47484	74785	3.98%	1.039%
40	16.645	2466	2470	2485	rVB10	50101	158022	8.41%	2.195%

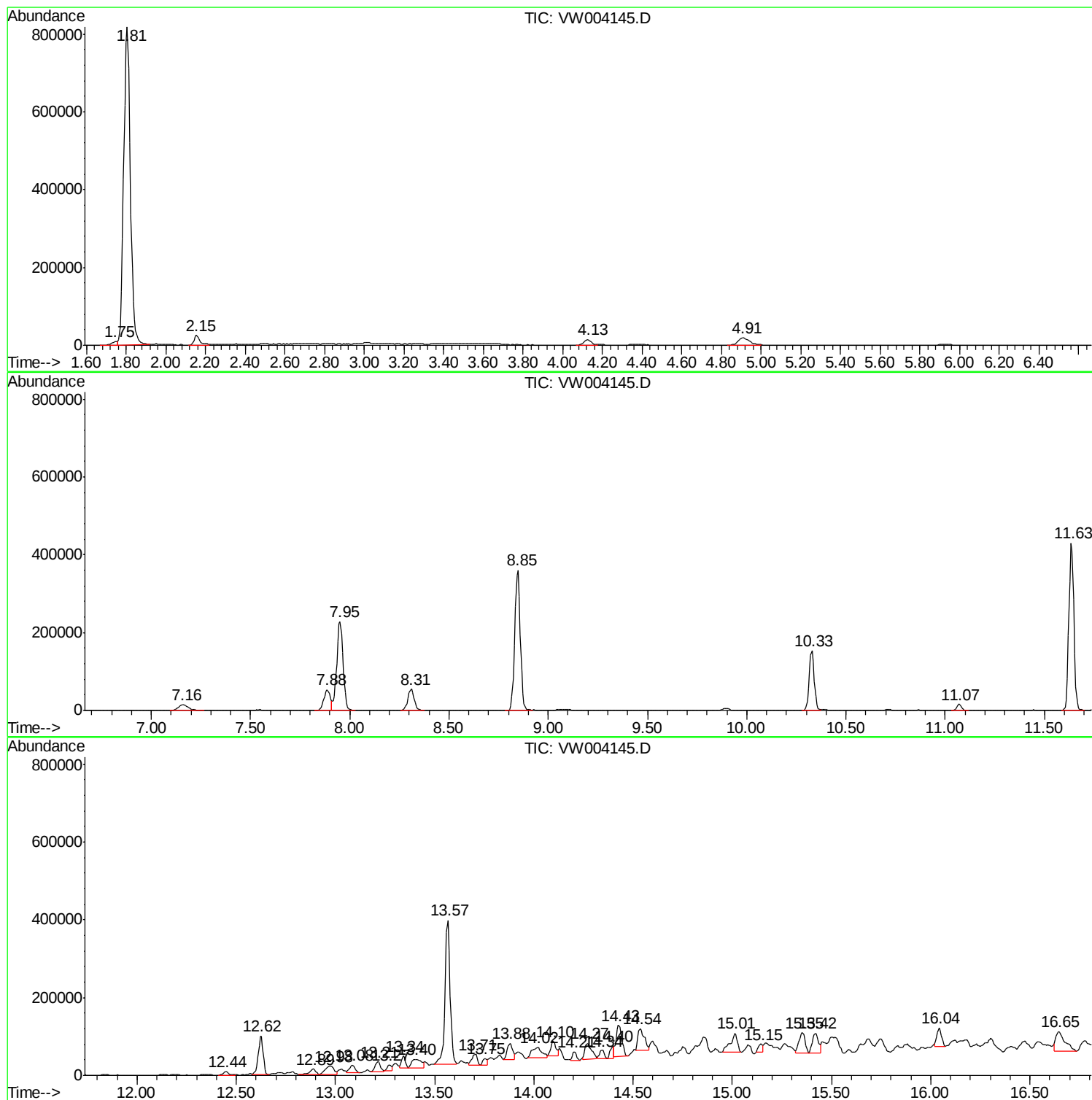
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Quant Title : SW846 8260

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



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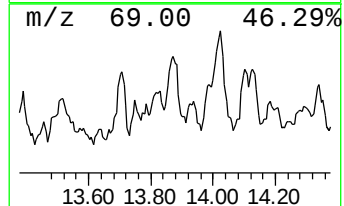
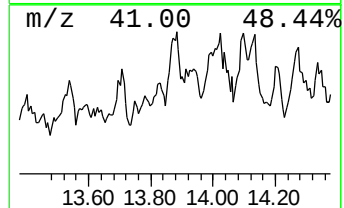
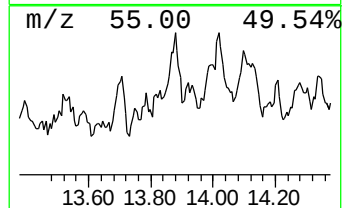
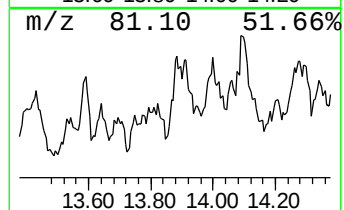
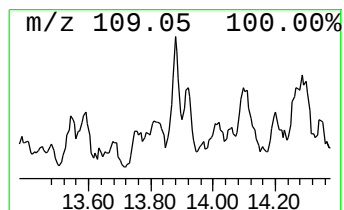
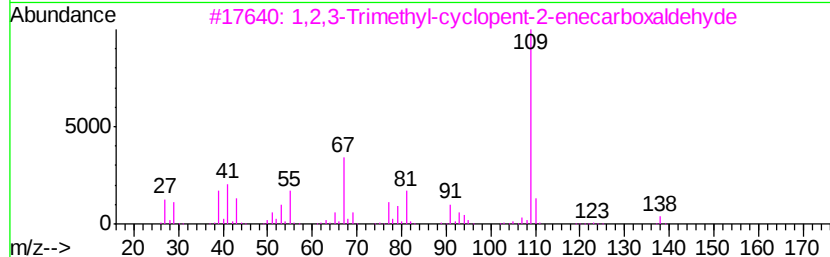
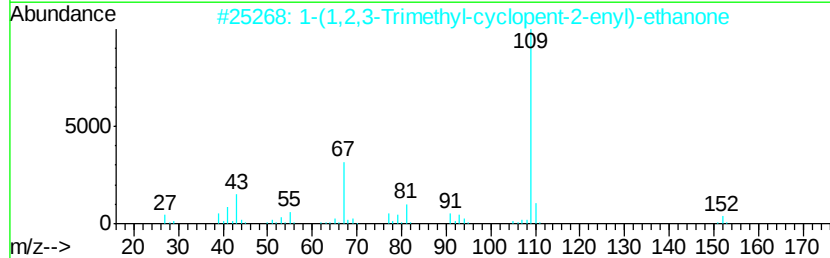
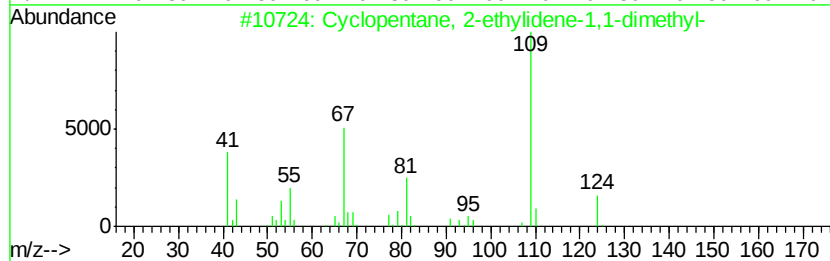
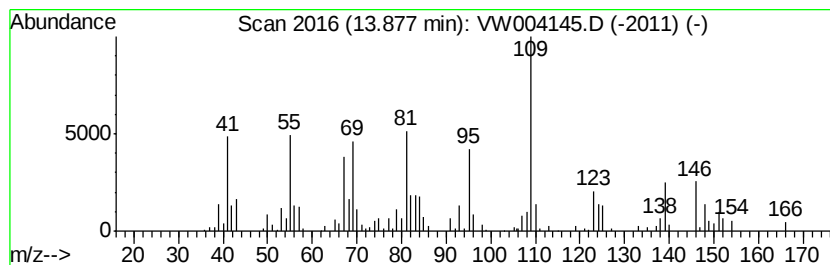
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Quant Title : SW846 8260

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

Peak Number 2 unknown13.88 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	6.04 ug/l	80142	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	43
2		1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38
3		1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	38
4		Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	38
5		1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	38



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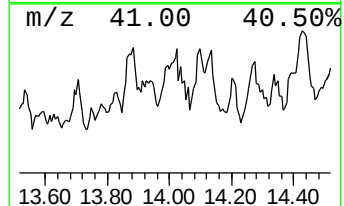
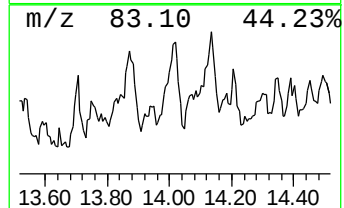
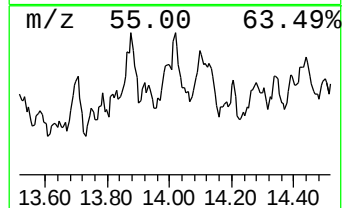
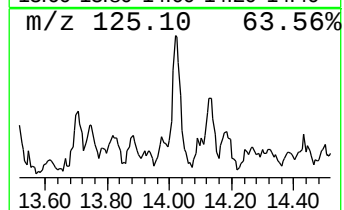
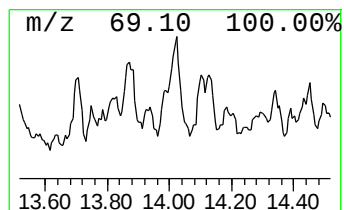
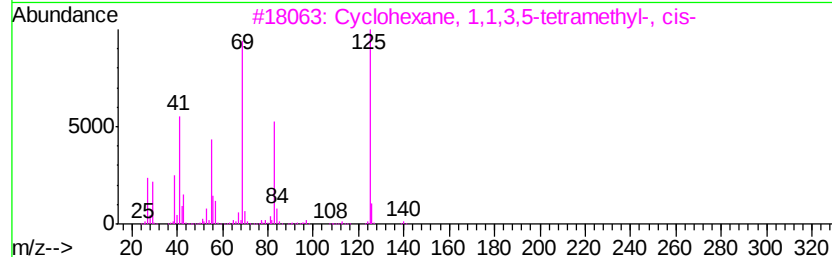
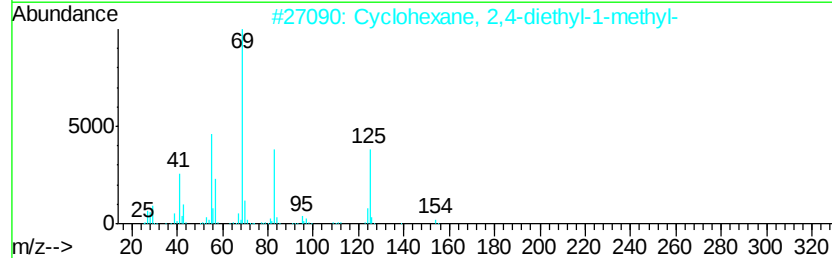
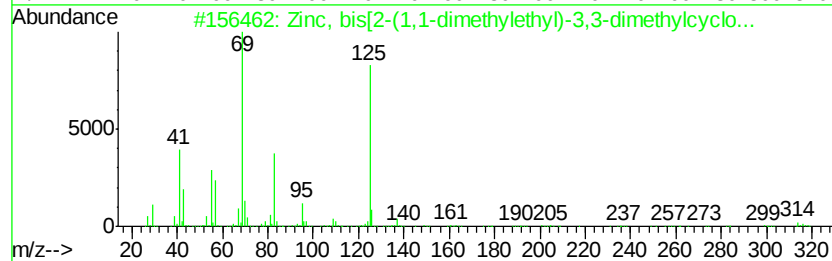
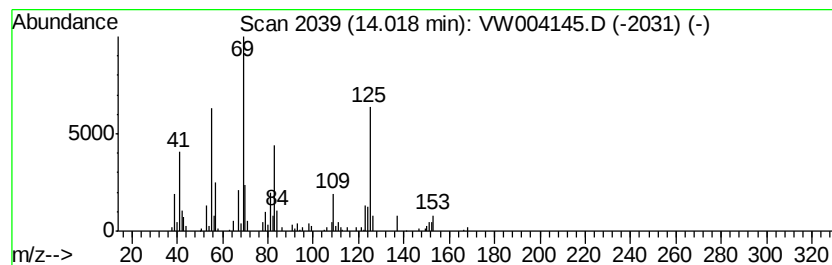
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Peak Number 3 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.86 ug/l	91006	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	59
2		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
4		2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	46
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	42



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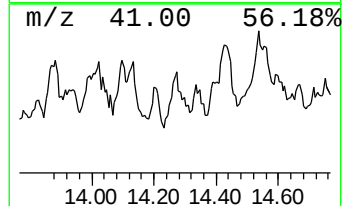
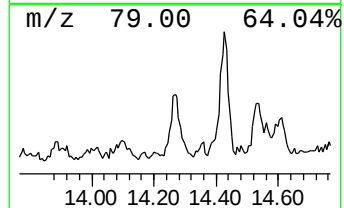
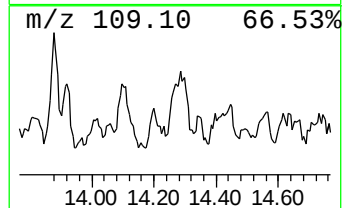
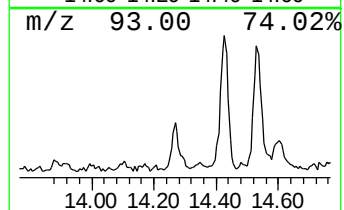
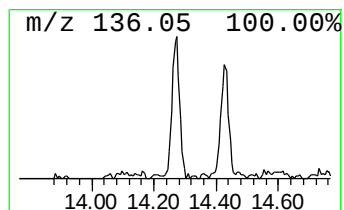
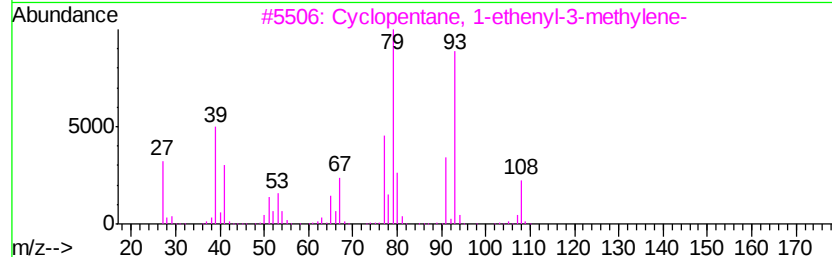
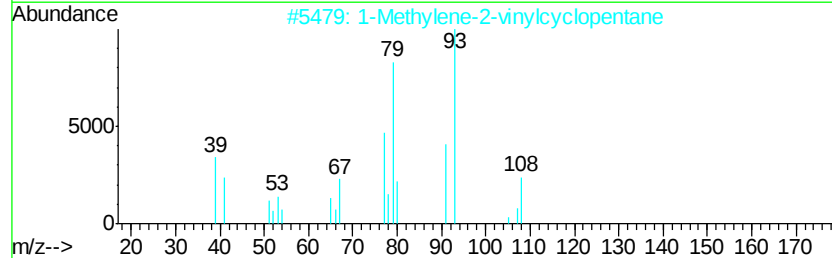
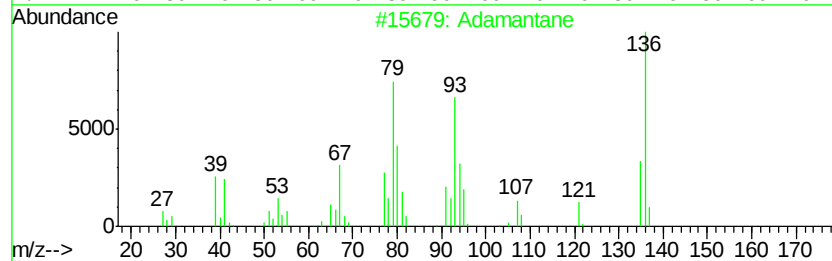
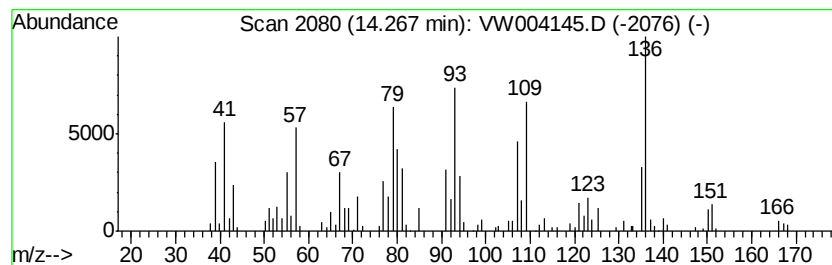
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Adamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.96 ug/l	92338	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	76
2			1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	64
3			Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	60
4			Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	38
5			1,4-Benzenediamine, 2,3-dimethyl-	136	C8H12N2	005306-96-7	30



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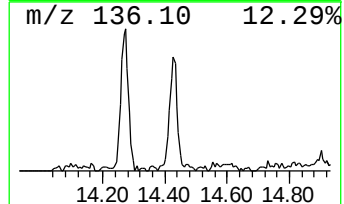
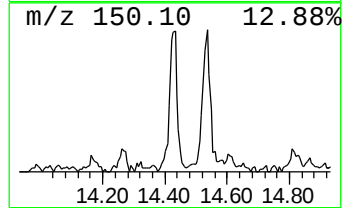
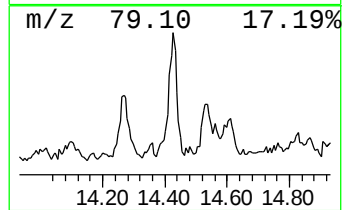
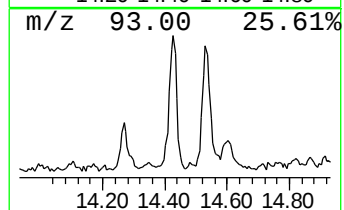
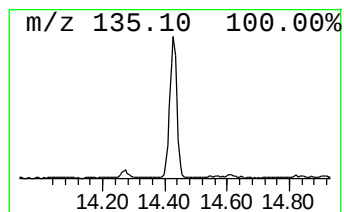
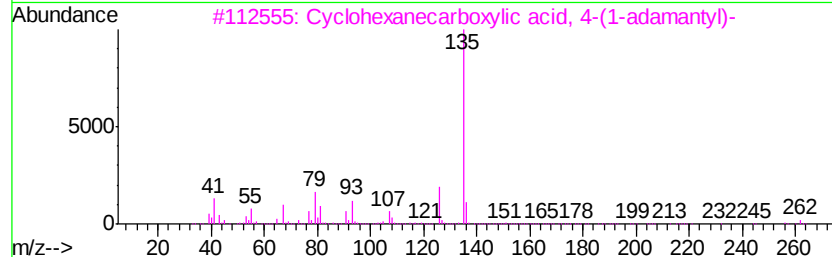
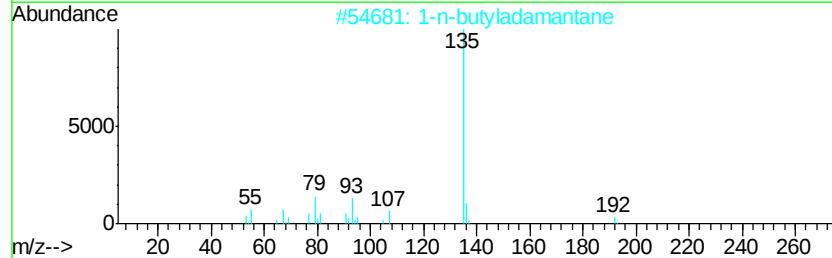
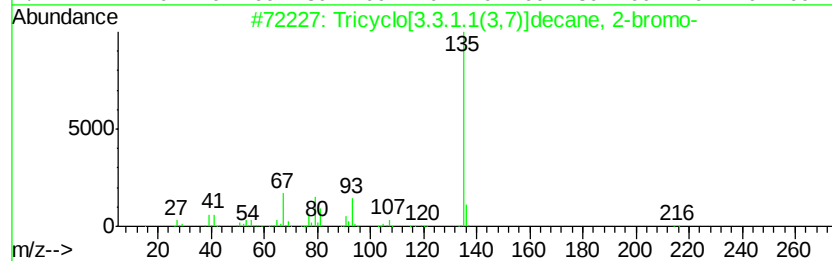
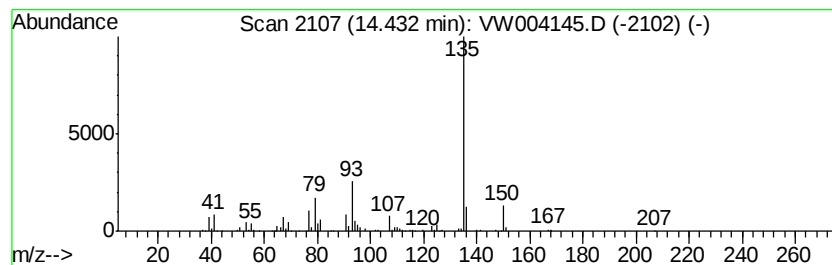
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	12.16 ug/l	161259	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	78
2		1-n-butyladamantane	192	C14H24	014449-41-3	72
3		Cyclohexanecarboxylic acid, 4-(1...	262	C17H26O2	175881-24-0	64
4		Adamantane-1-carboxylic acid, 4-...	284	C18H20O3	1000276-61-1	64
5		Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	64



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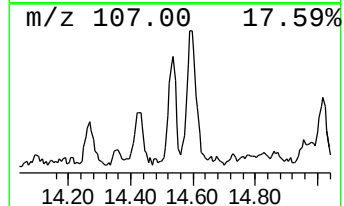
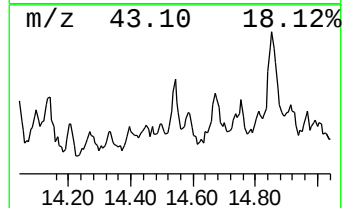
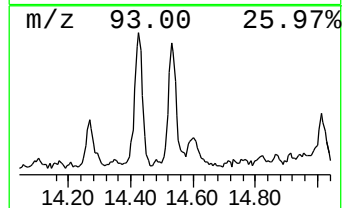
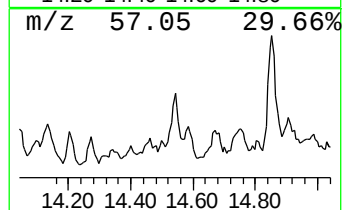
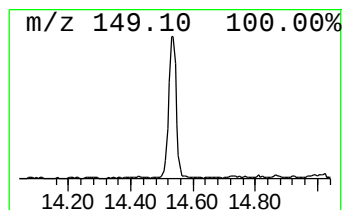
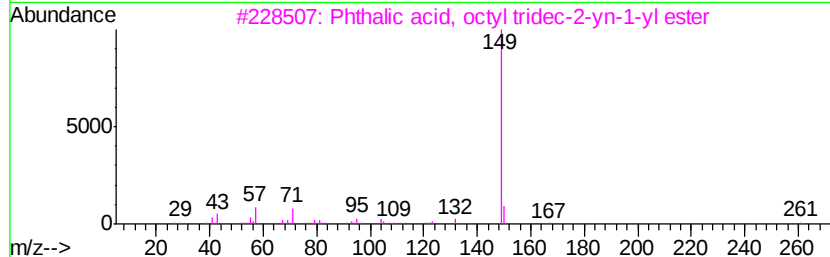
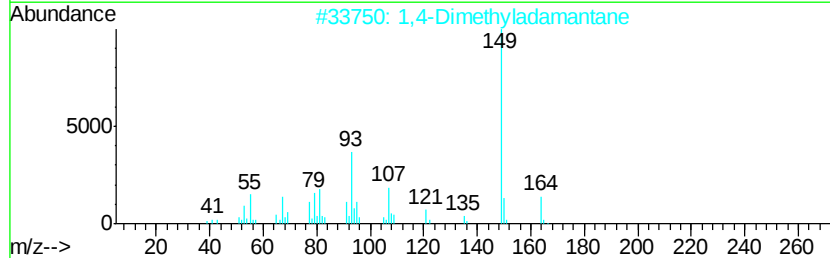
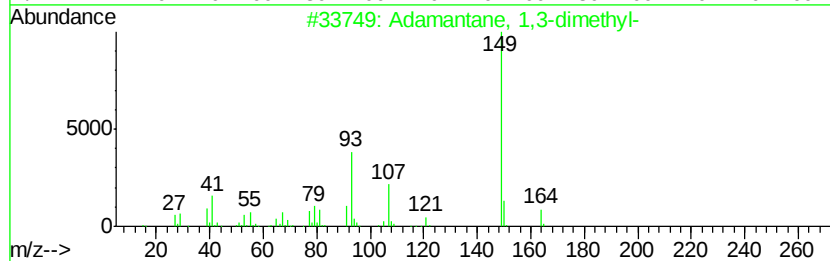
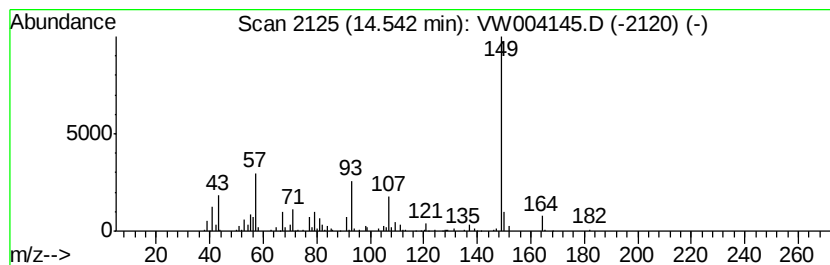
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MSVOA_W
ClientSampleId :
KY030LC001-S-180716

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

Peak Number 6 Adamantane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.54	9.40 ug/l	124685	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	90	
2	1,4-Dimethyladamantane	164	C12H20	024145-89-9	50	
3	Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	50	
4	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	47	
5	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	47	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004145.D
Acq On : 23 Jul 2018 18:39
Operator : SY/AP
Sample : J4026-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

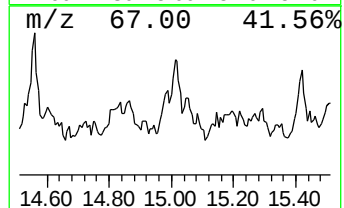
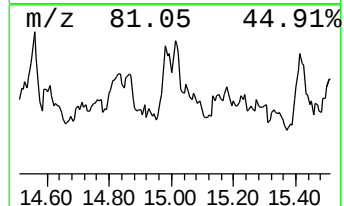
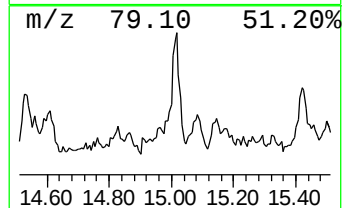
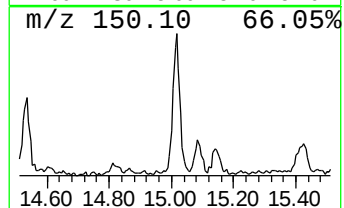
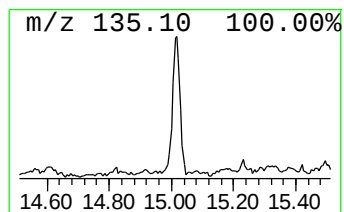
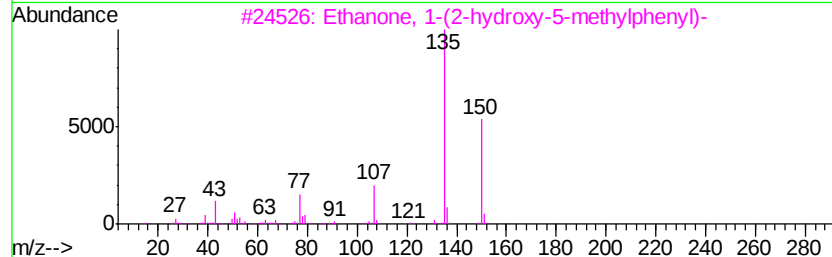
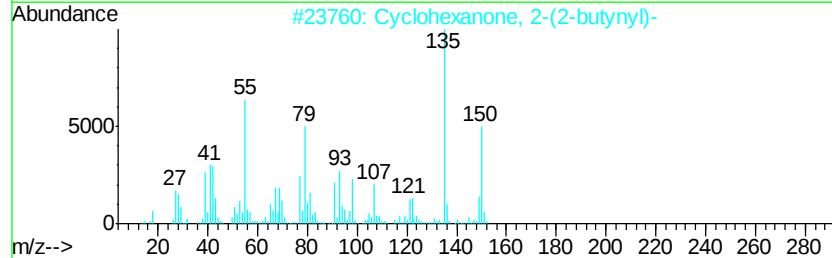
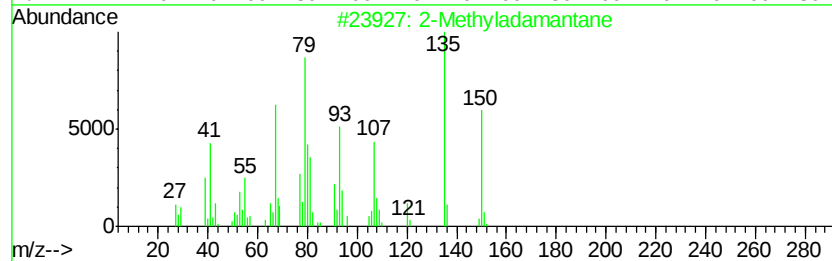
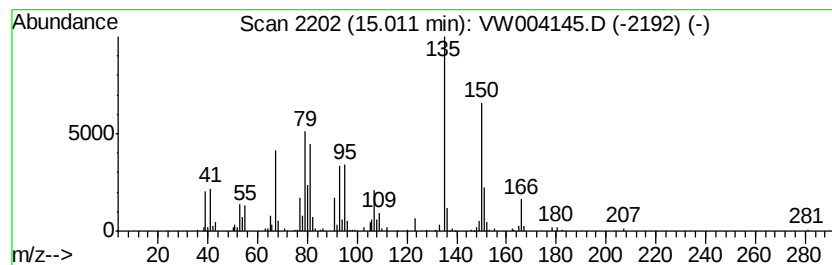
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Quant Title : SW846 8260

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

Peak Number 7 2-Methyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	9.08 ug/l	120406	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	64	
2	Cyclohexanone, 2-(2-butylnyl)-	150	C10H14O	054166-48-2	52	
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	46	
4	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	45	
5	2-Hydroxy-5-methylbenzohydrazide	166	C8H10N2O2	028397-43-5	38	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004145.D
Acq On : 23 Jul 2018 18:39
Operator : SY/AP
Sample : J4026-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

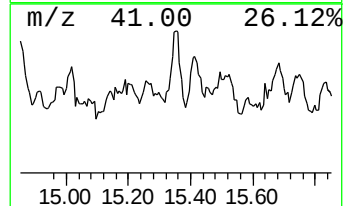
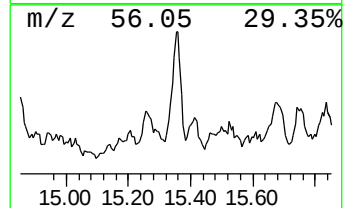
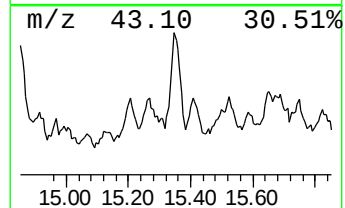
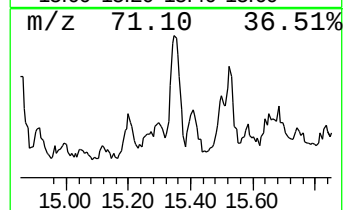
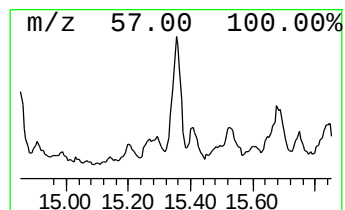
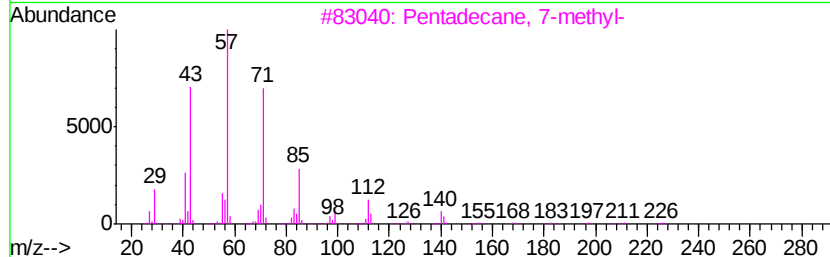
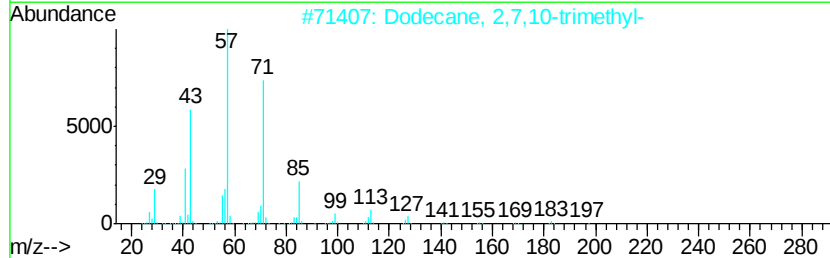
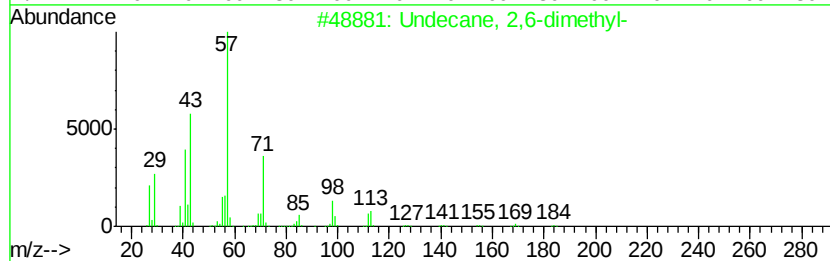
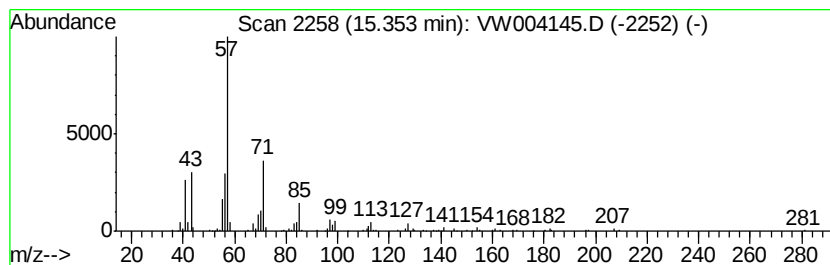
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	8.64 ug/l	114559	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
4		Octacosane	394	C28H58	000630-02-4	53
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004145.D
Acq On : 23 Jul 2018 18:39
Operator : SY/AP
Sample : J4026-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

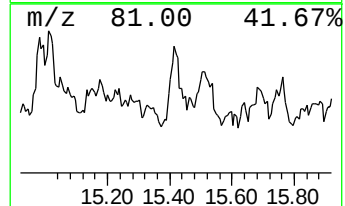
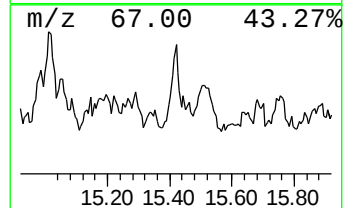
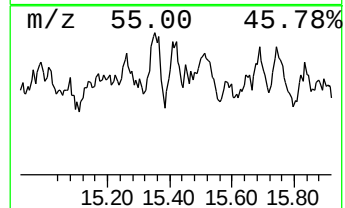
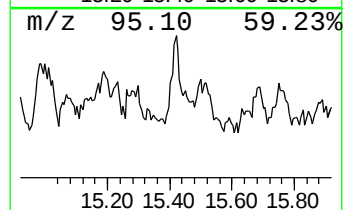
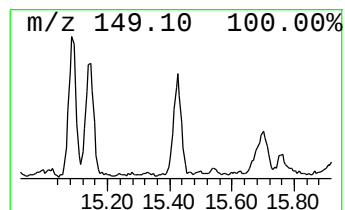
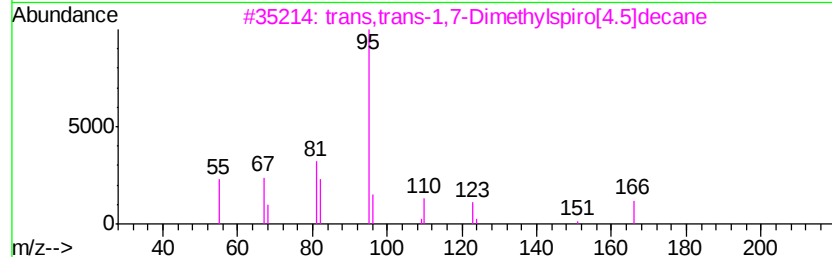
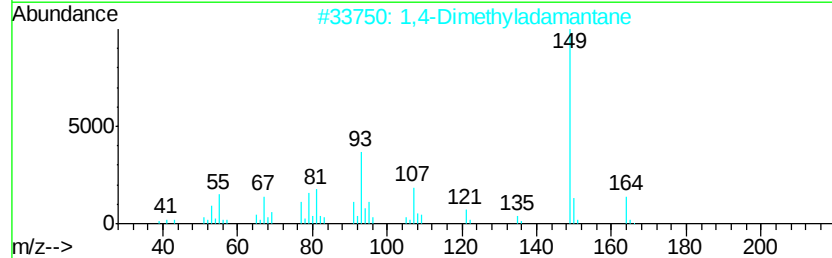
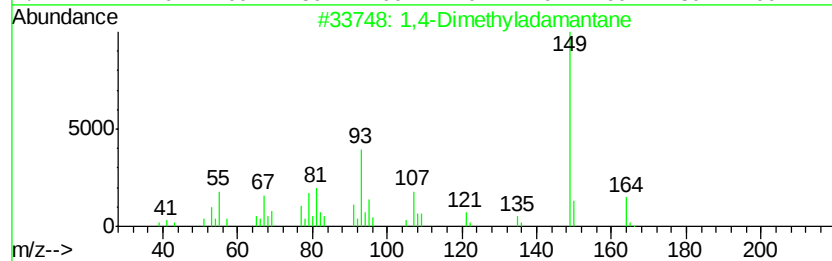
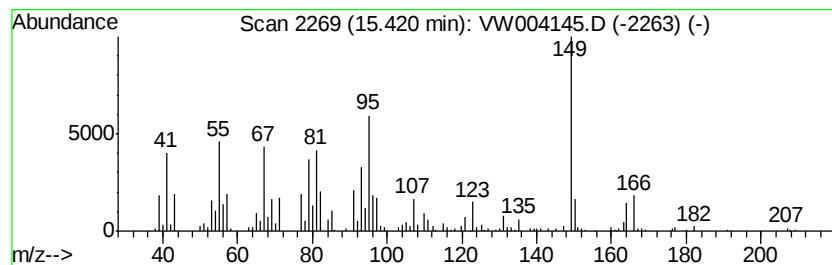
Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

Peak Number 9 1,4-Dimethyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	8.69 ug/l	115280	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyladamantane	164 C12H20	024145-88-8	55
2	1,4-Dimethyladamantane	164 C12H20	024145-89-9	50
3	trans,trans-1,7-Dimethylspiro[4....	166 C12H22	1000111-72-6	46
4	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	38
5	Benzenemethanol, 4-(1,1-dimethyl...	164 C11H16O	000877-65-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004145.D
Acq On : 23 Jul 2018 18:39
Operator : SY/AP
Sample : J4026-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

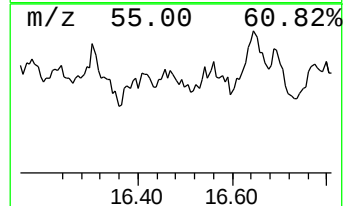
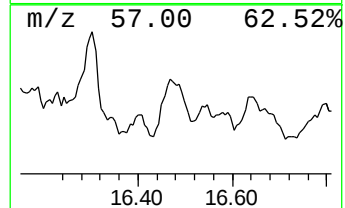
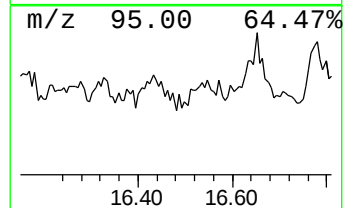
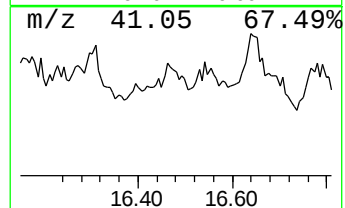
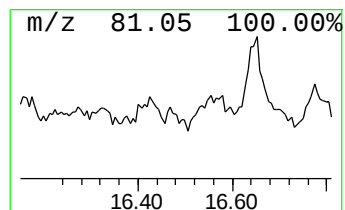
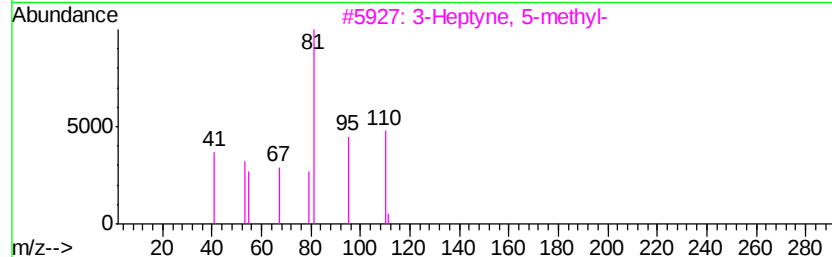
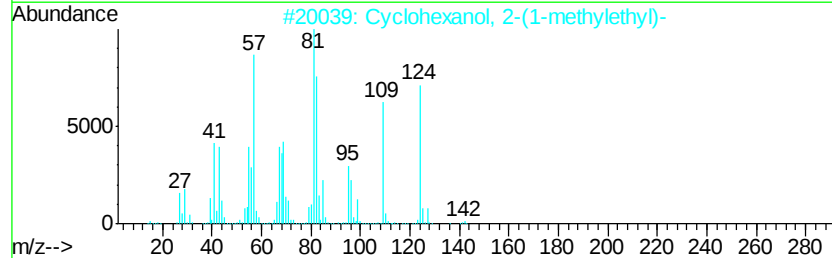
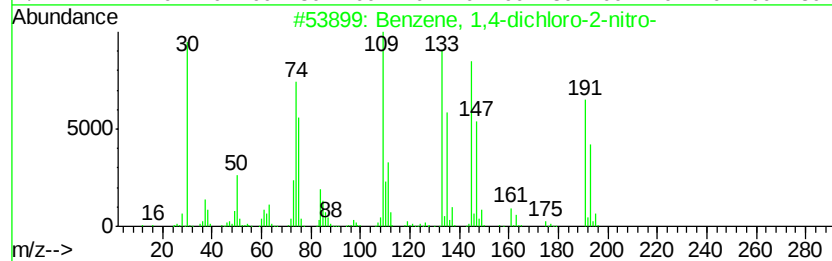
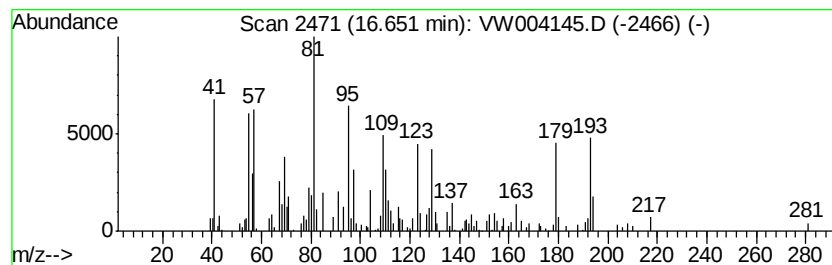
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	11.91 ug/l	158022	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	25
2		Cyclohexanol, 2-(1-methylethyl)-	142	C9H18O	000096-07-1	25
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	25
4		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	25
5		2-Propenyl-3-vinylloxirane	110	C7H10O	070597-49-8	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072318\
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Acq On : 23 Jul 2018 18:39
Operator : SY/AP
Sample : J4026-03
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.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
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Zinc, bis[2-(1,1-...	14.02	6.9	ug/l	91006	4	13.57	663189	50.0
Adamantane	14.27	7.0	ug/l	92338	4	13.57	663189	50.0
Tricyclo[3.3.1.1(...	14.43	12.2	ug/l	161259	4	13.57	663189	50.0
Adamantane, 1,3-d...	14.54	9.4	ug/l	124685	4	13.57	663189	50.0
2-Methyladamantane	15.01	9.1	ug/l	120406	4	13.57	663189	50.0
Undecane, 2,6-dim...	15.35	8.6	ug/l	114559	4	13.57	663189	50.0
1,4-Dimethyladama...	15.42	8.7	ug/l	115280	4	13.57	663189	50.0
unknown16.65	16.65	11.9	ug/l	158022	4	13.57	663189	50.0