

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
 Data File : VW008321.D
 Acq On : 16 Jan 2019 20:57
 Operator : SY/VA
 Sample : K1167-11
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CLOVER-YARD-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\82W010819S.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	1.995	11	15	22	rVB	8645	19934	1.19%	0.165%
2	4.117	354	363	373	rBV	8995	24138	1.44%	0.200%
3	4.909	481	493	510	rBV3	18164	69020	4.11%	0.571%
4	7.147	851	860	872	rBV2	15847	52083	3.10%	0.431%
5	7.885	969	981	985	rBV	72088	175509	10.45%	1.451%
6	7.946	985	991	1000	rVB	132076	296015	17.62%	2.447%
7	8.256	1035	1042	1045	rBV	22806	54800	3.26%	0.453%
8	8.305	1045	1050	1059	rVB	75907	157125	9.35%	1.299%
9	8.842	1131	1138	1148	rVB	200924	394207	23.47%	3.258%
10	10.323	1375	1381	1388	rBV	326670	581583	34.63%	4.807%
11	11.634	1591	1596	1607	rVB	321063	649311	38.66%	5.367%
12	12.621	1753	1758	1763	rBV	267802	507764	30.23%	4.197%
13	13.170	1844	1848	1853	rBV	114375	168489	10.03%	1.393%
14	13.487	1897	1900	1903	rBV4	58645	80193	4.77%	0.663%
15	13.560	1908	1912	1920	rVB	269300	487769	29.04%	4.032%
16	13.883	1960	1965	1969	rBV4	198657	348710	20.76%	2.882%
17	13.987	1979	1982	1984	rBV3	81513	110480	6.58%	0.913%
18	14.200	2013	2017	2022	rVB4	158685	239122	14.24%	1.977%
19	14.268	2024	2028	2034	rVB5	200443	365840	21.78%	3.024%
20	14.389	2044	2048	2051	rBV2	217763	326053	19.41%	2.695%
21	14.670	2090	2094	2097	rBV	188889	277369	16.51%	2.293%
22	14.804	2112	2116	2119	rBV5	170901	336770	20.05%	2.784%
23	14.847	2119	2123	2130	rVB2	580459	1055241	62.83%	8.722%
24	15.133	2167	2170	2173	rBV3	124204	178023	10.60%	1.472%
25	15.334	2199	2203	2210	rVB	936358	1679604	100.00%	13.883%
26	15.414	2211	2216	2220	rBV5	285147	636182	37.88%	5.259%
27	15.578	2239	2243	2250	rBV4	220253	511812	30.47%	4.231%
28	15.743	2266	2270	2279	rVB4	546684	1045166	62.23%	8.639%
29	16.298	2357	2361	2369	rVB	635954	1269642	75.59%	10.495%

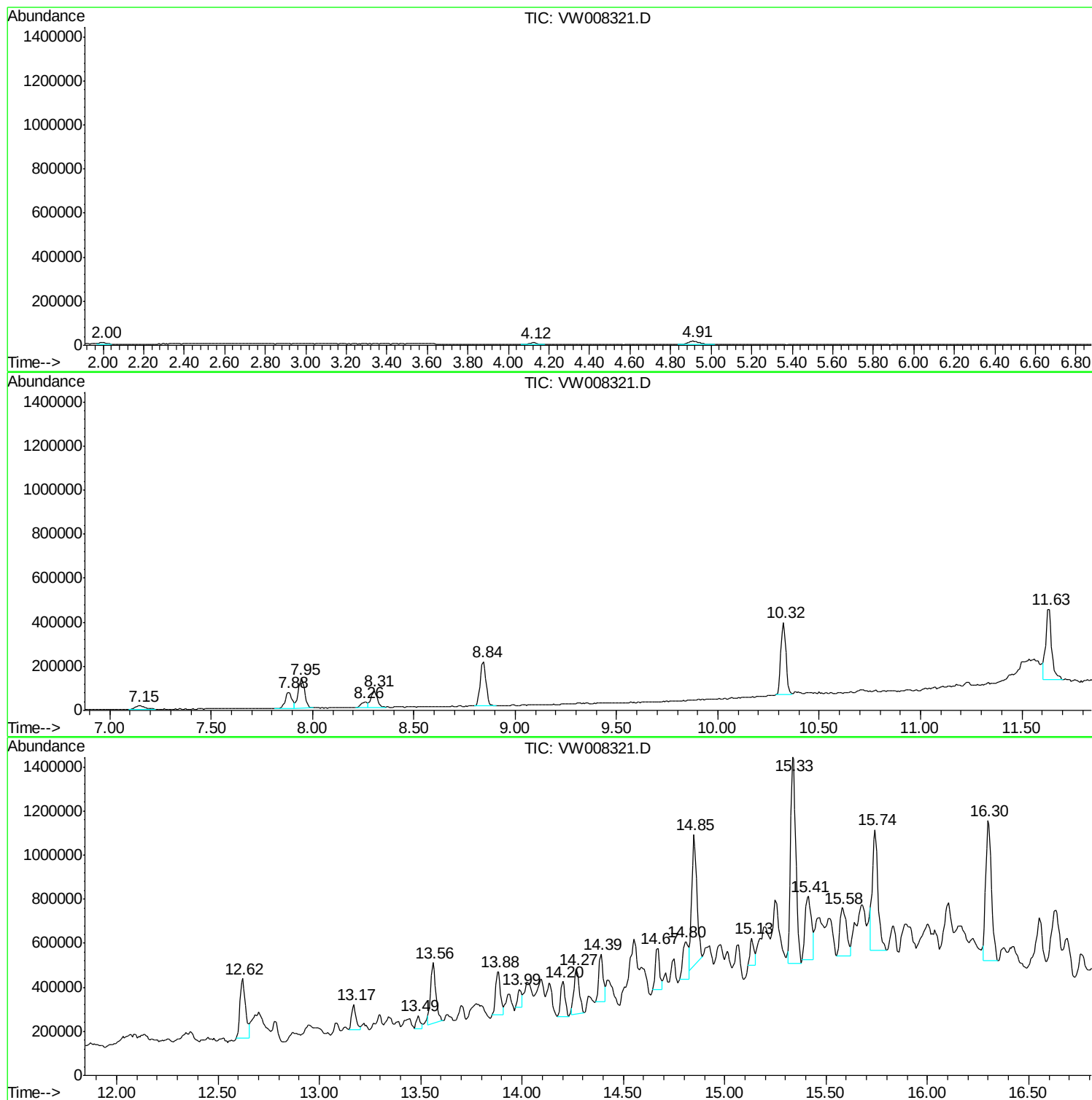
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Instrument :
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ClientSampleId :
CLOVER-YARD-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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



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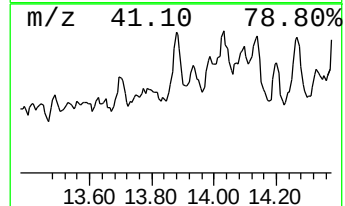
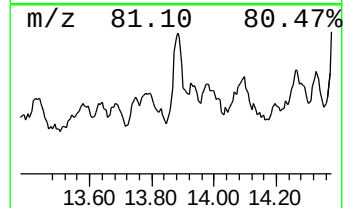
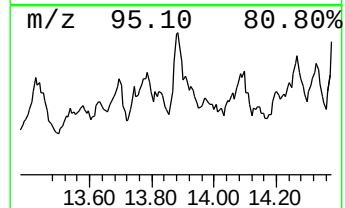
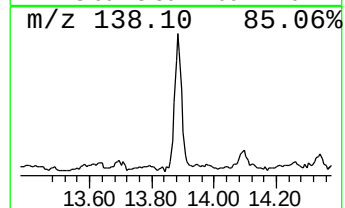
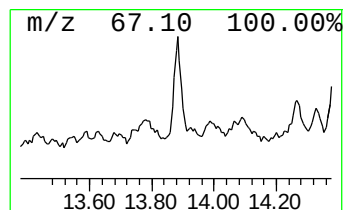
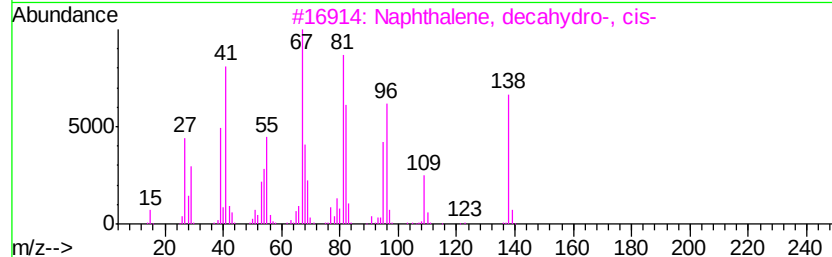
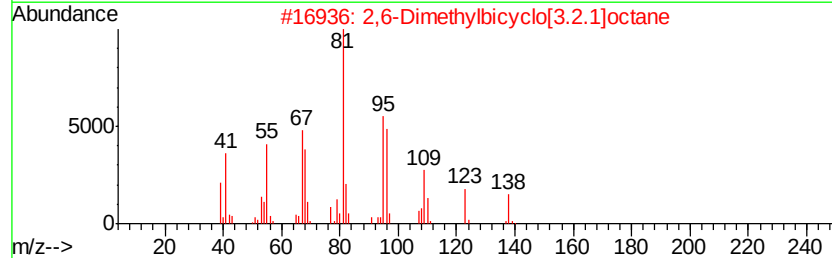
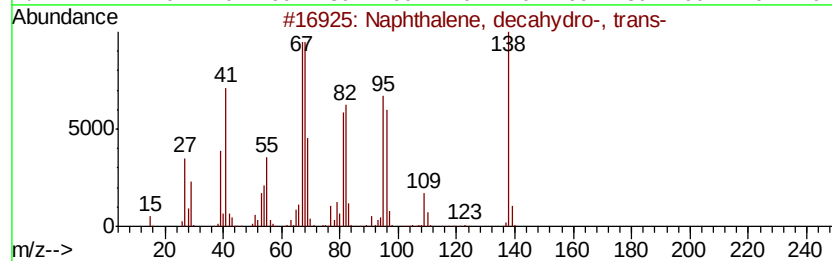
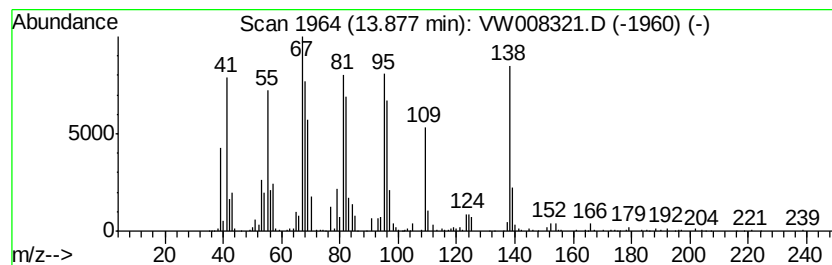
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Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	35.75 ug/l	348710	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	87
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4		3-Hexadecyne	222	C16H30	061886-62-2	83
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	83



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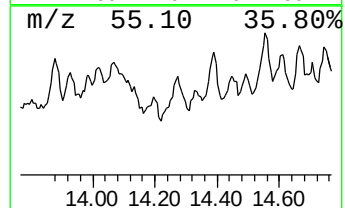
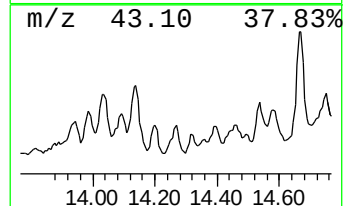
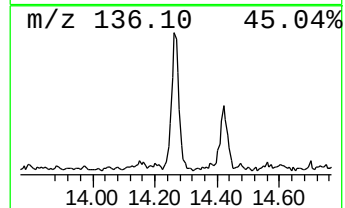
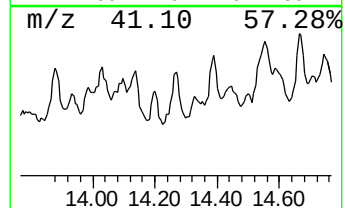
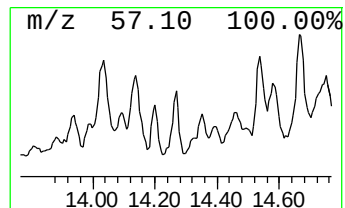
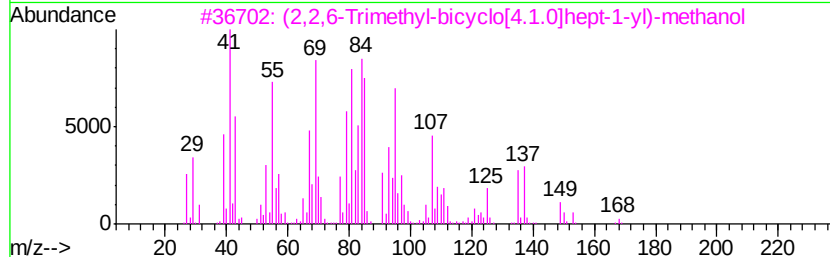
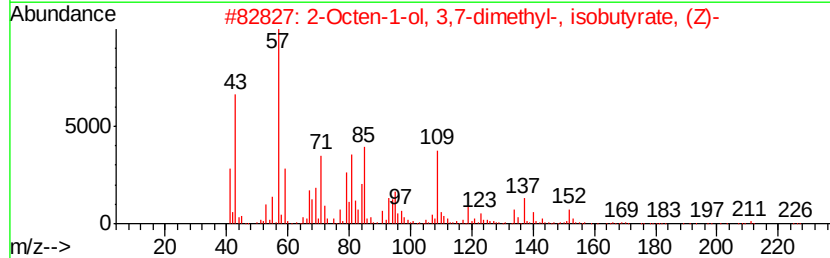
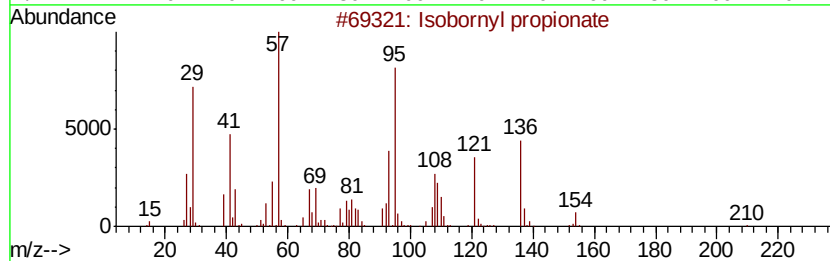
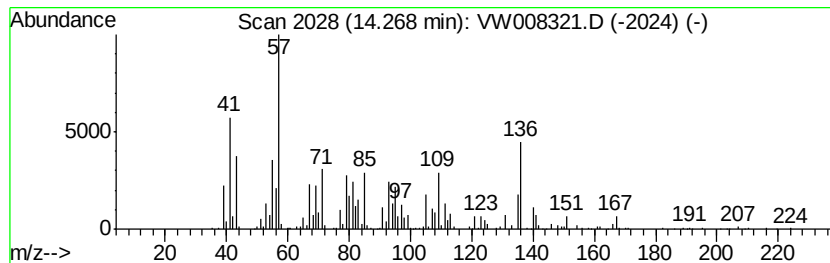
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Quant Title : SW846 8260

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

Peak Number 2 unknown14.27 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	37.50 ug/l	365840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobornyl propionate	210	C13H22O2	002756-56-1	38
2		2-Octen-1-ol, 3,7-dimethyl-, iso...	226	C14H26O2	1000132-45-6	27
3		(2,2,6-Trimethyl-bicyclo[4.1.0]h...	168	C11H20O	078996-11-9	25
4		2H-Benzocyclohepten-2-one, 1,4a,...	178	C12H18O	017429-26-4	22
5		Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	18



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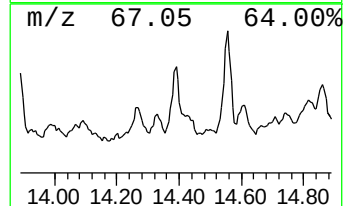
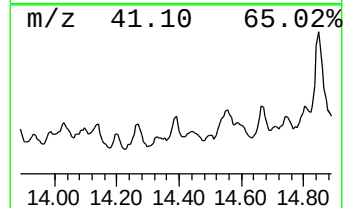
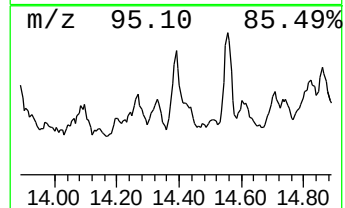
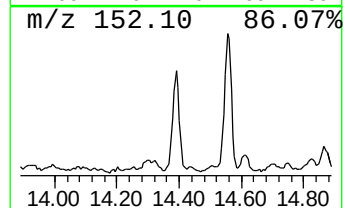
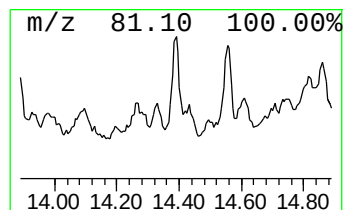
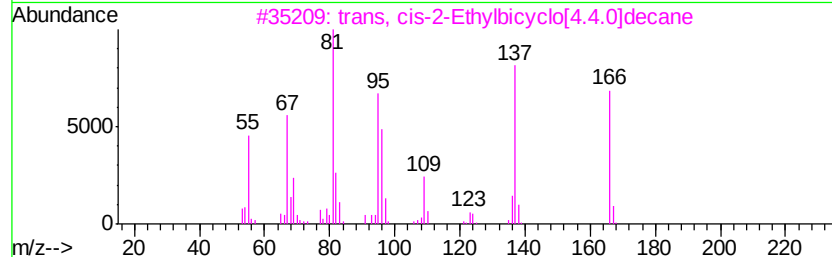
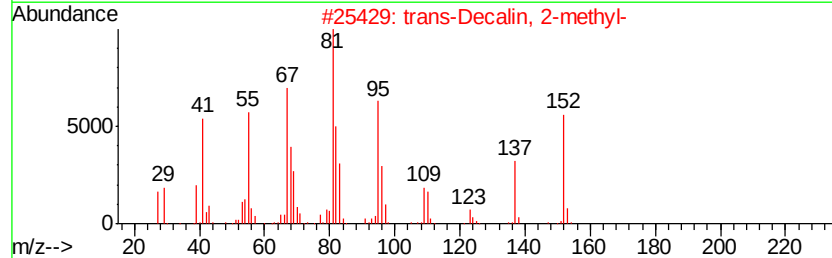
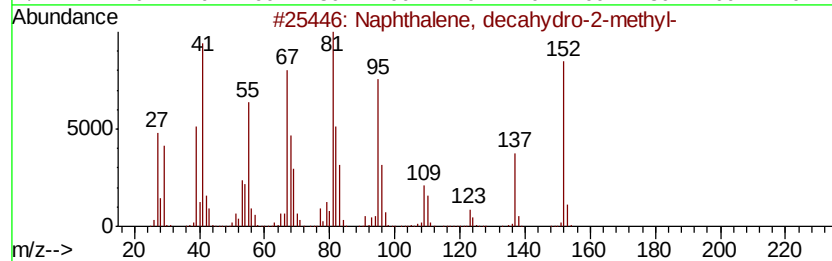
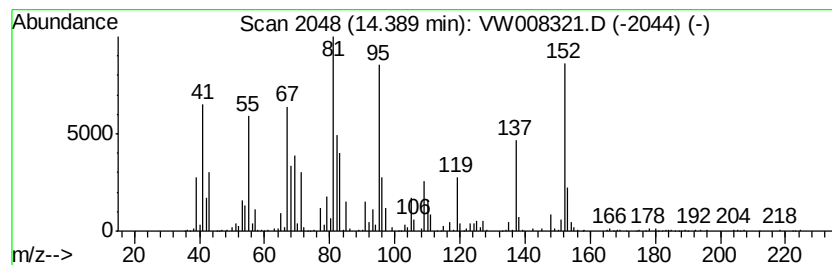
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	33.42 ug/l	326053	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	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	55
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
5		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	52



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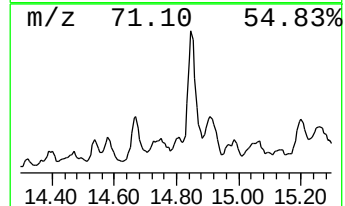
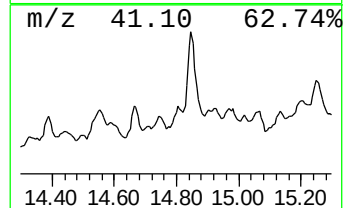
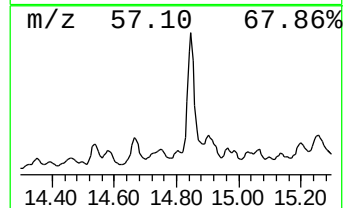
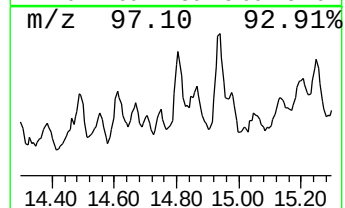
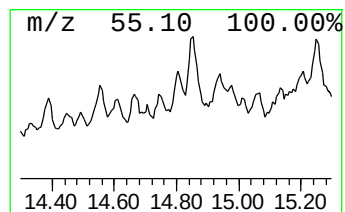
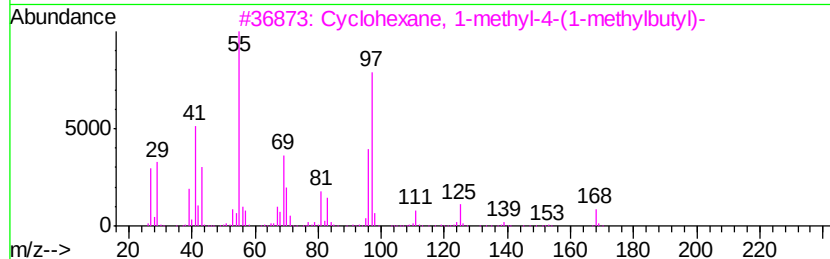
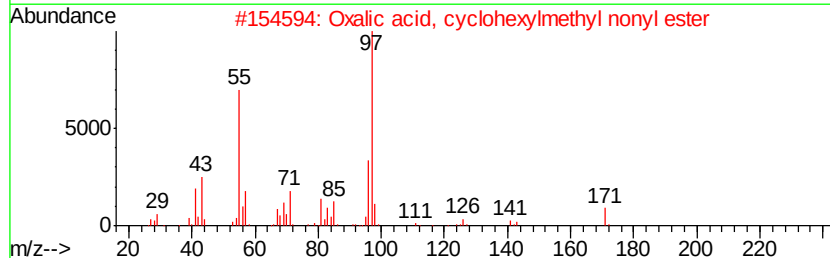
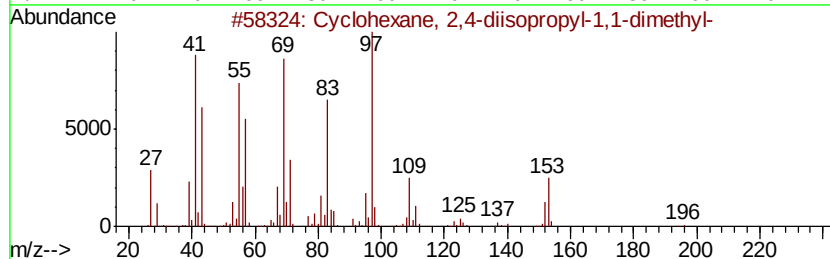
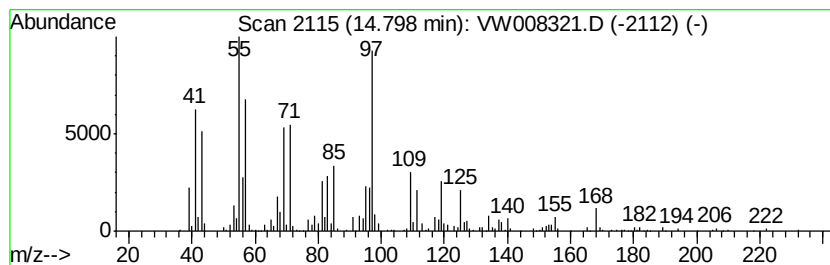
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 4 unknown14.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	34.52 ug/l	336770	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	43
2		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	38
3		Cyclohexane, 1-methyl-4-(1-methyl...	168	C12H24	054411-00-6	38
4		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
5		Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	35



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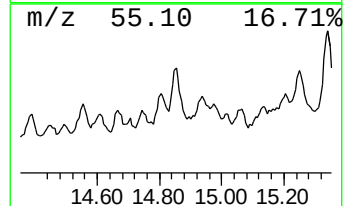
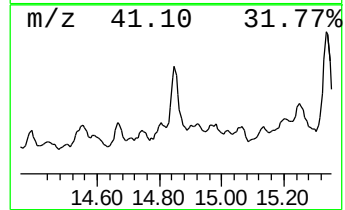
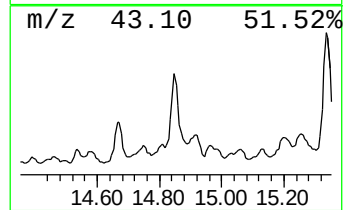
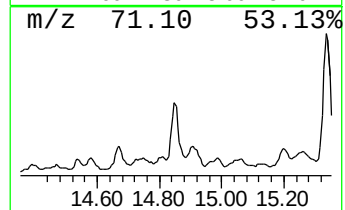
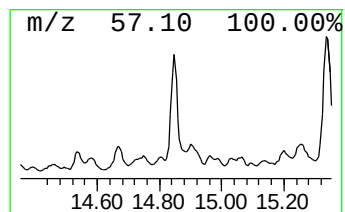
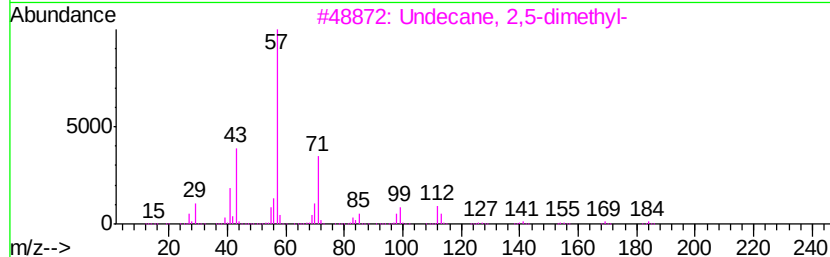
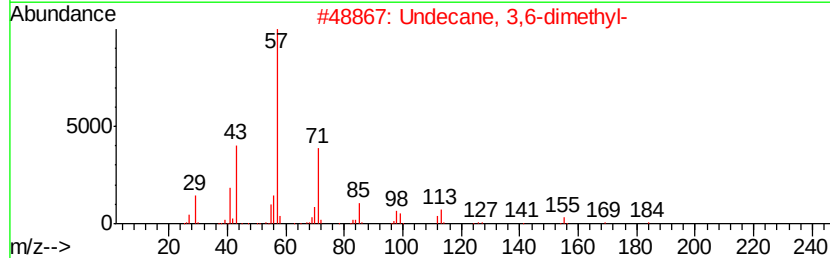
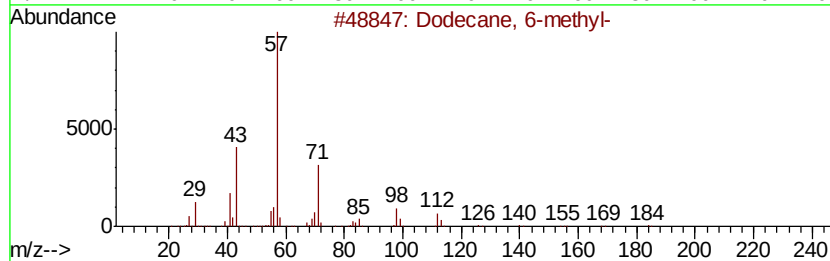
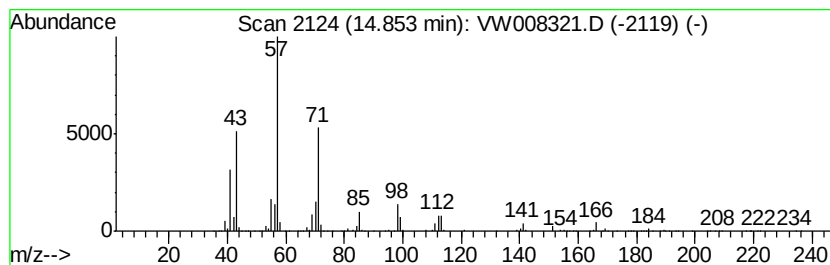
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Peak Number 5 Dodecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	108.17 ug/l	1055240	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 6-methyl-	184 C13H28	006044-71-9	97
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	94
3	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	76
4	Tridecane, 6-methyl-	198 C14H30	013287-21-3	72
5	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	64



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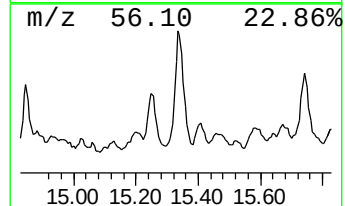
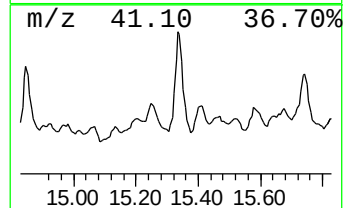
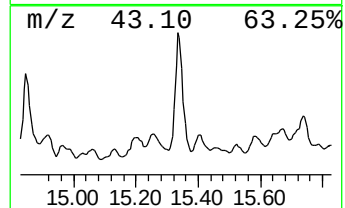
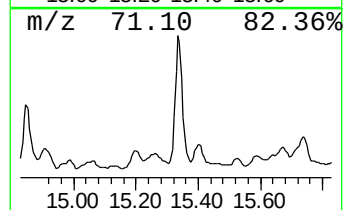
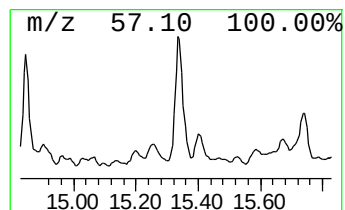
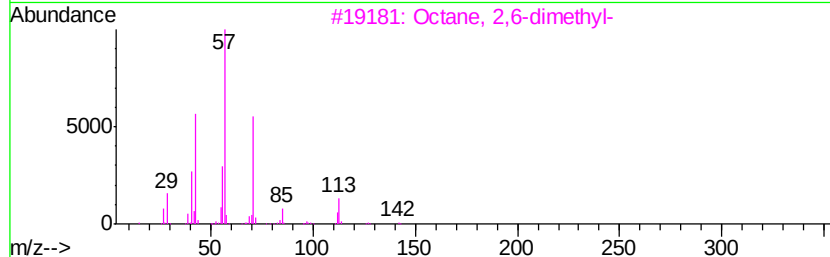
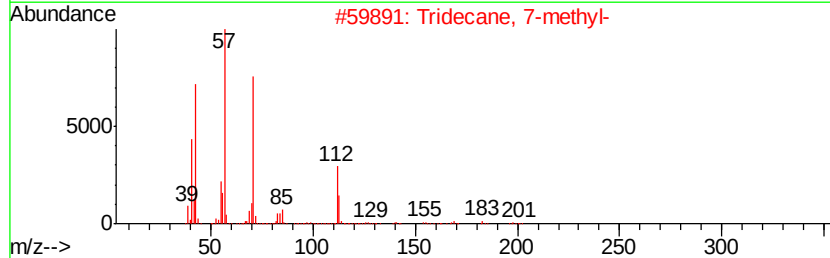
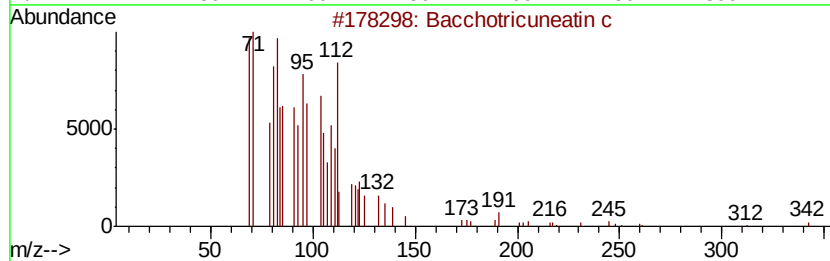
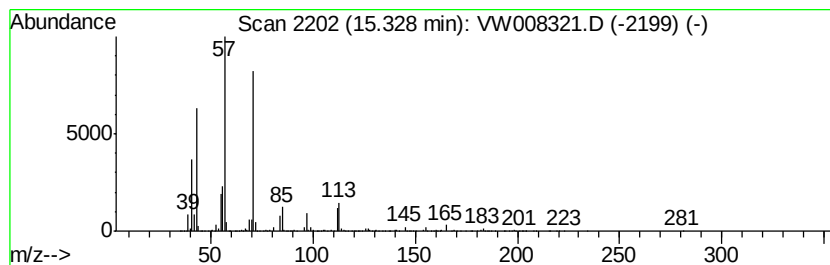
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Quant Title : SW846 8260

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

Peak Number 6 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	172.17 ug/l	1679600	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
Data File : VW008321.D
Acq On : 16 Jan 2019 20:57
Operator : SY/VA
Sample : K1167-11
Misc : 5.54G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

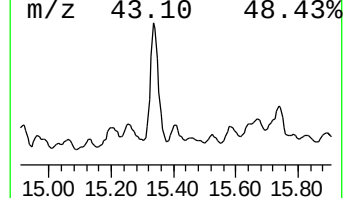
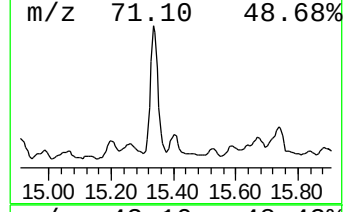
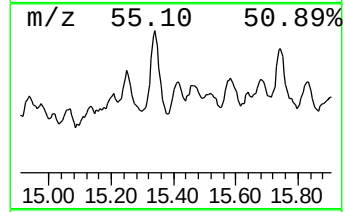
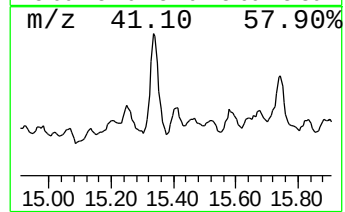
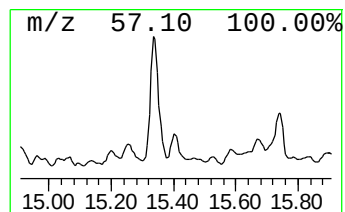
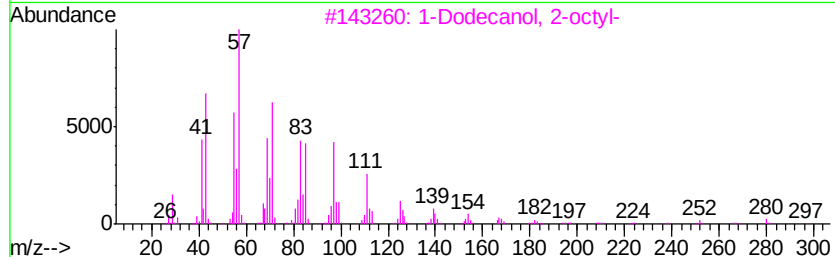
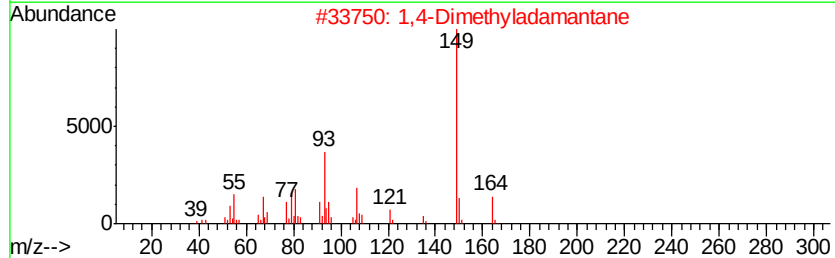
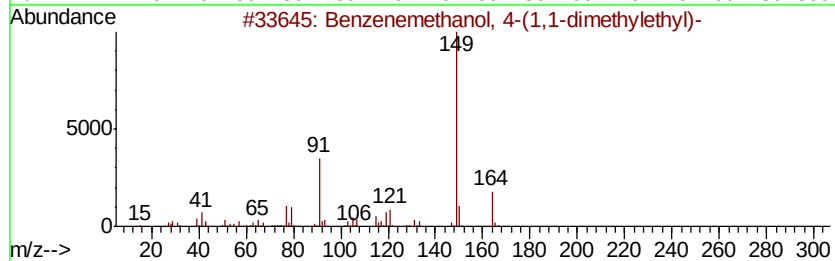
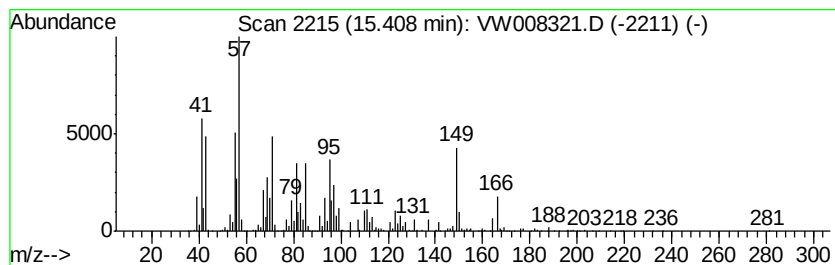
Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown15.41 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.41	65.21 ug/l	636182	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	25
2	1,4-Dimethyladamantane	164	C12H20	024145-89-9	25
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	22
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	22
5	2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
Data File : VW008321.D
Acq On : 16 Jan 2019 20:57
Operator : SY/VA
Sample : K1167-11
Misc : 5.54G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-B

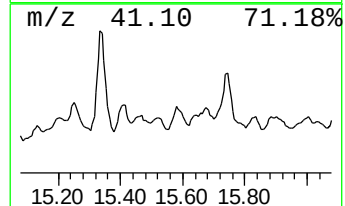
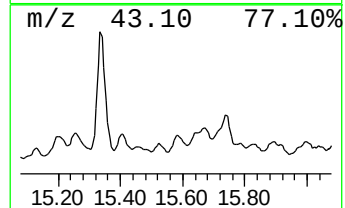
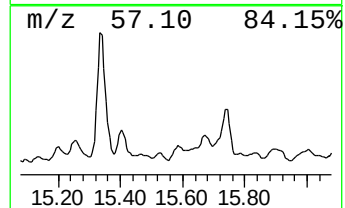
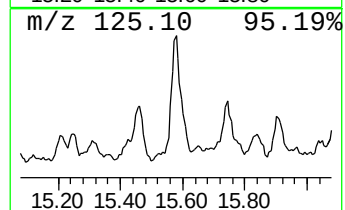
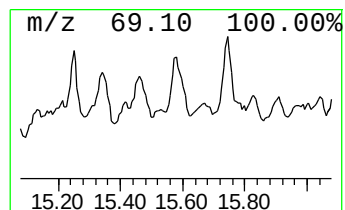
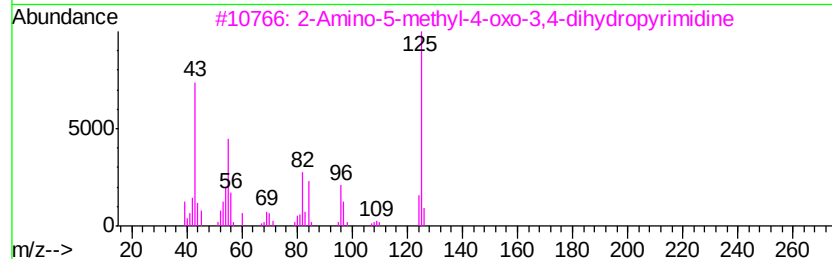
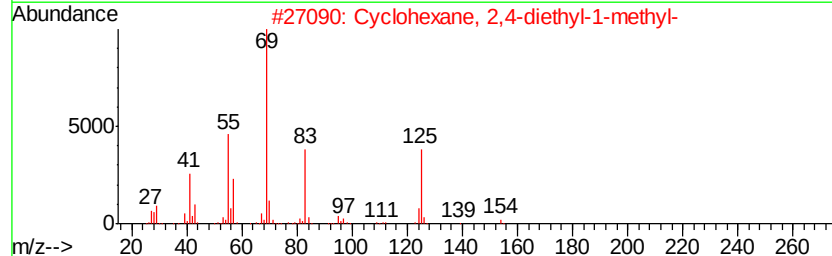
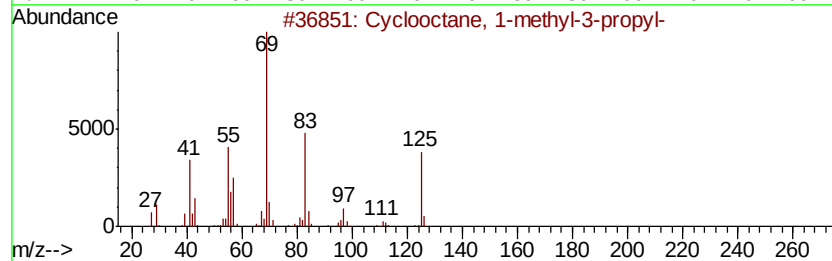
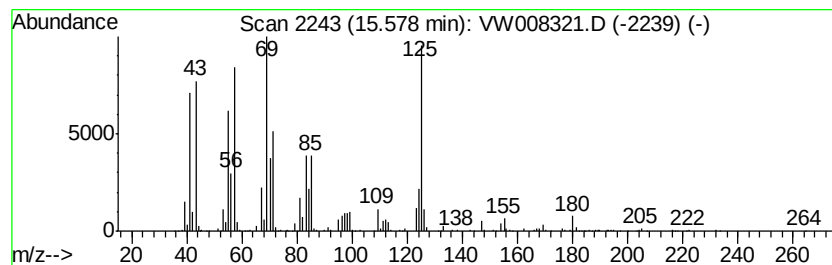
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	52.46 ug/l	511812	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
2		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
3		2-Amino-5-methyl-4-oxo-3,4-dihyd...	125	C5H7N3O	015981-91-6	22
4		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	18
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
Data File : VW008321.D
Acq On : 16 Jan 2019 20:57
Operator : SY/VA
Sample : K1167-11
Misc : 5.54G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-B

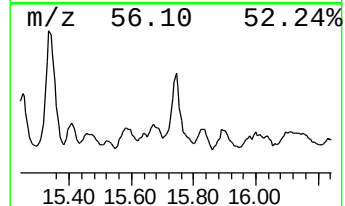
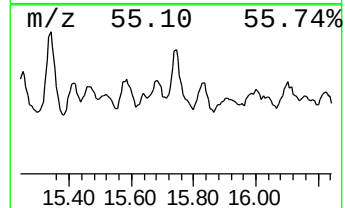
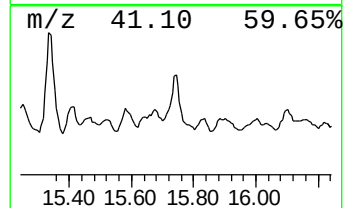
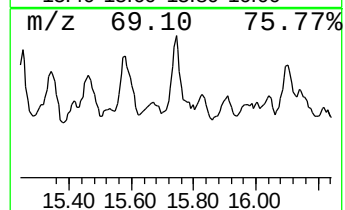
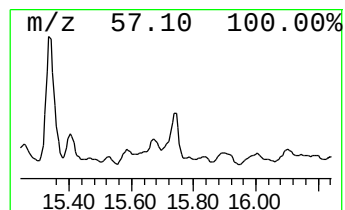
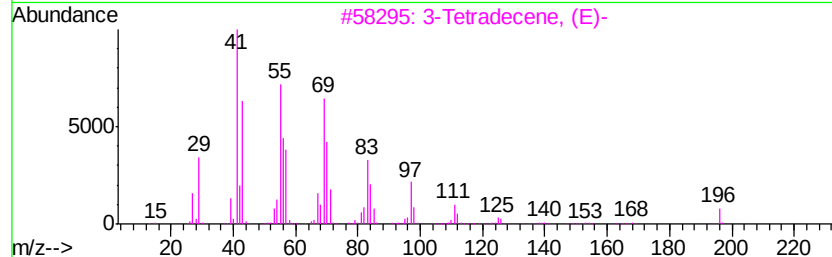
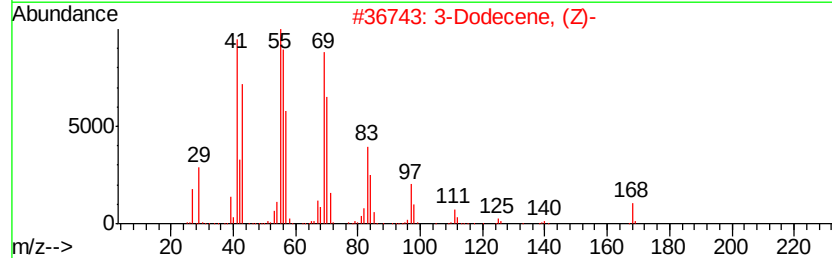
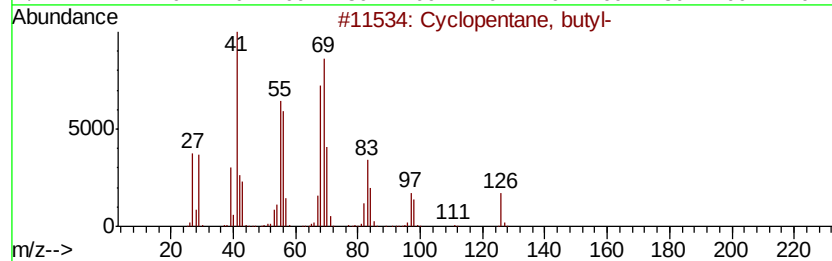
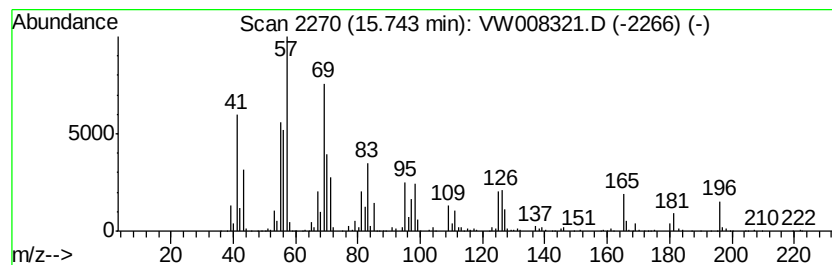
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Quant Title : SW846 8260

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

Peak Number 9 Cyclopentane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	107.14 ug/l	1045170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	58
2		3-Dodecene, (Z)-	168	C12H24	007239-23-8	49
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	49
4		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	49
5		3-Heptene, (E)-	98	C7H14	014686-14-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
Data File : VW008321.D
Acq On : 16 Jan 2019 20:57
Operator : SY/VA
Sample : K1167-11
Misc : 5.54G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-B

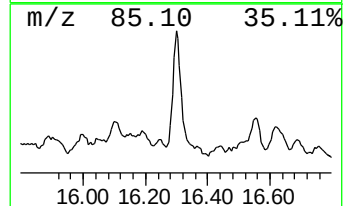
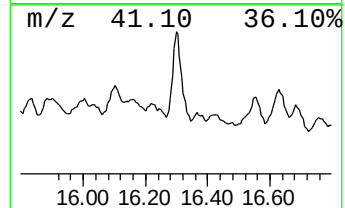
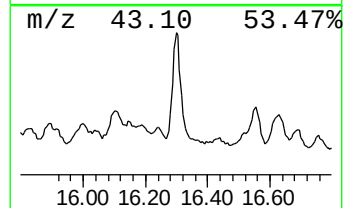
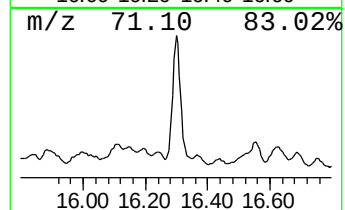
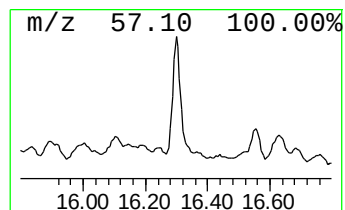
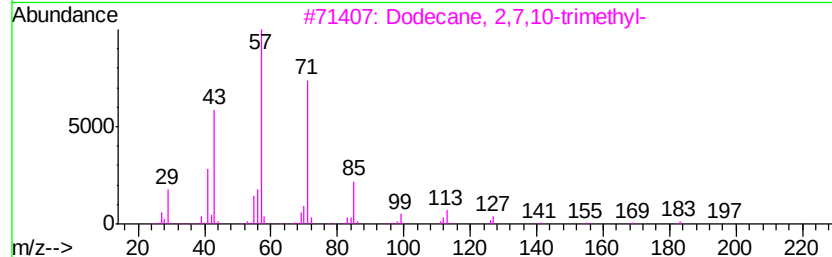
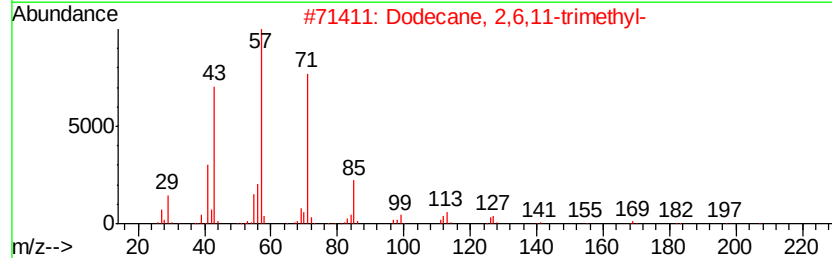
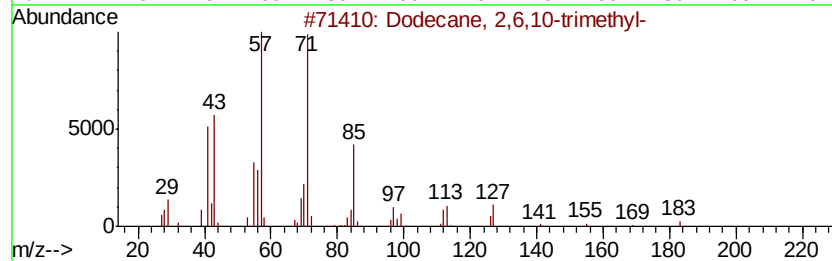
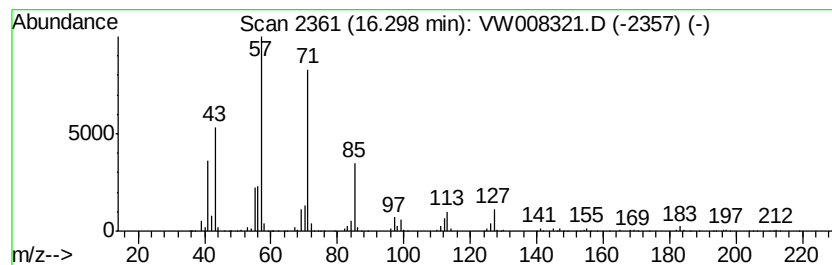
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	130.15 ug/l	1269640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
5		Octane, 2-methyl-	128	C9H20	003221-61-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011619\
Data File : VW008321.D
Acq On : 16 Jan 2019 20:57
Operator : SY/VA
Sample : K1167-11
Misc : 5.54G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.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
Naphthalene, deca...	13.88	35.8	ug/l	348710	4	13.56	487769	50.0
unknown14.27	14.27	37.5	ug/l	365840	4	13.56	487769	50.0
Naphthalene, deca...	14.39	33.4	ug/l	326053	4	13.56	487769	50.0
unknown14.80	14.80	34.5	ug/l	336770	4	13.56	487769	50.0
Dodecane, 6-methyl-	14.85	108.2	ug/l	1055240	4	13.56	487769	50.0
Bacchotricuneatin c	15.33	172.2	ug/l	1679600	4	13.56	487769	50.0
unknown15.41	15.41	65.2	ug/l	636182	4	13.56	487769	50.0
unknown15.58	15.58	52.5	ug/l	511812	4	13.56	487769	50.0
Cyclopentane, butyl-	15.74	107.1	ug/l	1045170	4	13.56	487769	50.0
Dodecane, 2,6,10-...	16.30	130.2	ug/l	1269640	4	13.56	487769	50.0