

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005117.D
 Acq On : 05 Sep 2018 08:57
 Operator : SY/AP
 Sample : J4712-09
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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	1.795	17	34	56	rBV	10626268	19336065	100.00%	50.405%
2	4.136	406	418	437	rBV	159576	449183	2.32%	1.171%
3	4.922	534	547	555	rBV	95131	317954	1.64%	0.829%
4	5.013	555	562	578	rVB2	64175	219989	1.14%	0.573%
5	7.178	902	917	936	rBV2	56600	206894	1.07%	0.539%
6	7.891	1025	1034	1039	rBV	226532	545256	2.82%	1.421%
7	7.958	1039	1045	1056	rVB	719711	1624879	8.40%	4.236%
8	8.312	1094	1103	1114	rBV	227653	513203	2.65%	1.338%
9	8.848	1182	1191	1210	rBV	1075891	2102029	10.87%	5.480%
10	10.330	1426	1434	1440	rBV	941299	1650041	8.53%	4.301%
11	11.634	1640	1648	1659	rBV	1339056	2300330	11.90%	5.997%
12	12.146	1724	1732	1738	rBV3	110599	256353	1.33%	0.668%
13	12.262	1743	1751	1755	rVB	196304	324117	1.68%	0.845%
14	12.372	1755	1769	1774	rBV4	137307	441532	2.28%	1.151%
15	12.622	1804	1810	1817	rBV	649254	1078727	5.58%	2.812%
16	12.786	1833	1837	1843	rVB2	214448	378249	1.96%	0.986%
17	12.866	1843	1850	1854	rBV4	108481	241424	1.25%	0.629%
18	12.945	1855	1863	1868	rVV3	311770	840300	4.35%	2.190%
19	13.000	1868	1872	1877	rVB3	193250	317183	1.64%	0.827%
20	13.085	1882	1886	1890	rBV	136812	195020	1.01%	0.508%
21	13.171	1896	1900	1907	rVB	590880	926676	4.79%	2.416%
22	13.457	1939	1947	1950	rBV3	300454	606766	3.14%	1.582%
23	13.494	1950	1953	1958	rVV3	197523	302225	1.56%	0.788%
24	13.567	1959	1965	1974	rVB	1006773	1735413	8.98%	4.524%
25	13.707	1982	1988	2000	rVB7	98925	280969	1.45%	0.732%
26	13.811	2000	2005	2010	rBV2	118542	193721	1.00%	0.505%
27	13.890	2012	2018	2022	rBV	382793	688440	3.56%	1.795%
28	14.396	2096	2101	2105	rBV2	186017	288270	1.49%	0.751%

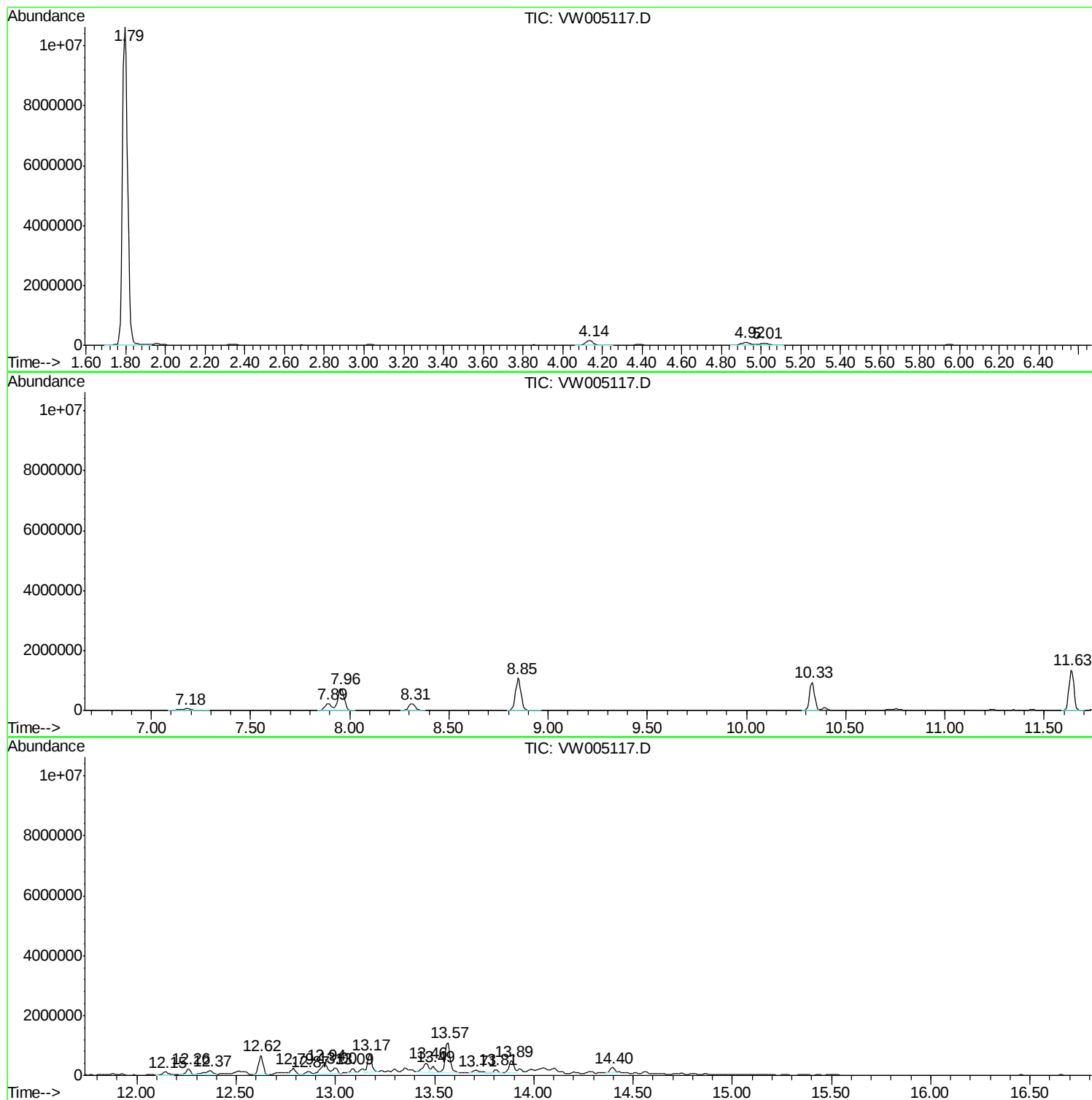
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Misc : 6.27G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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



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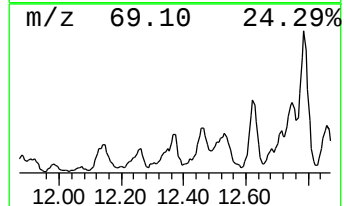
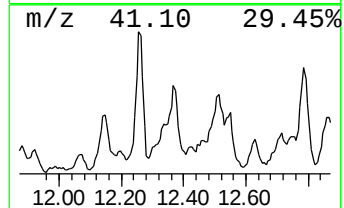
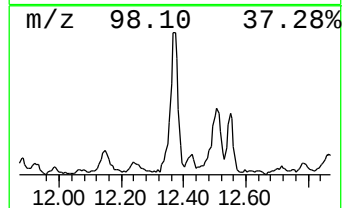
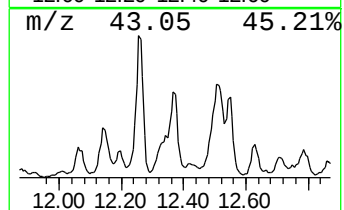
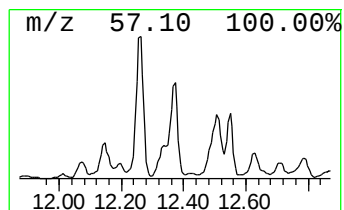
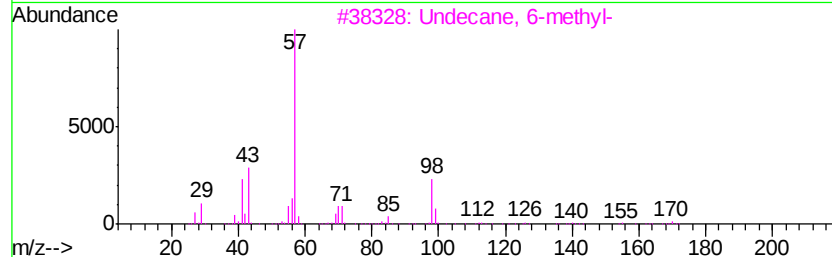
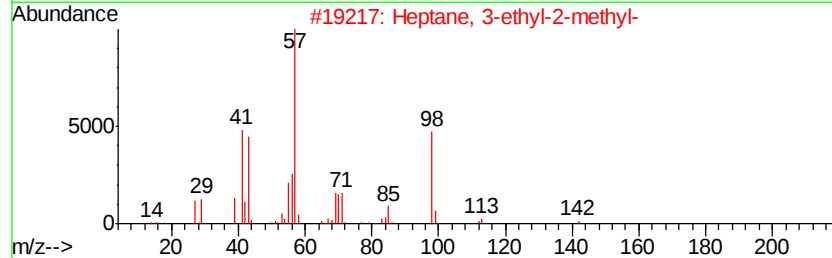
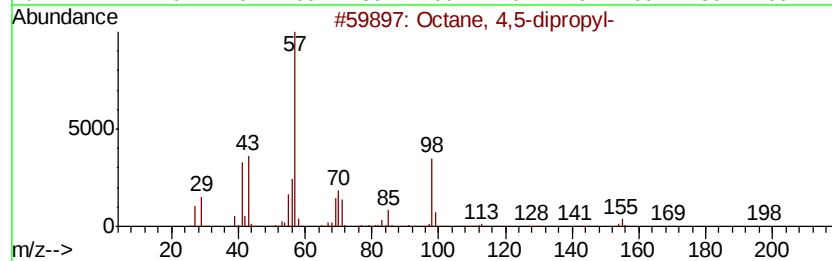
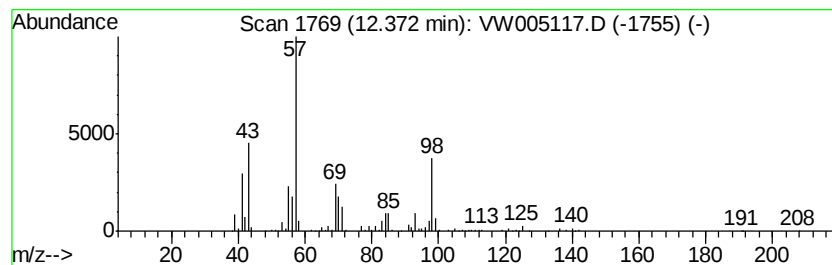
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 4,5-dipropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.37	9.60 ug/l	441532	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50



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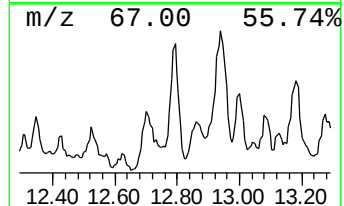
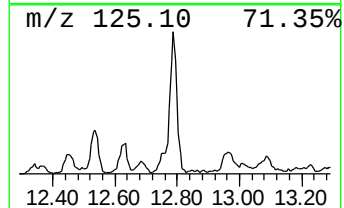
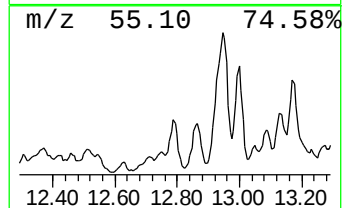
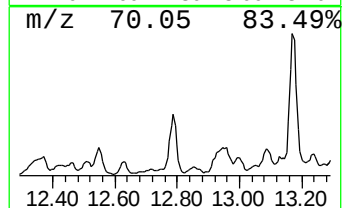
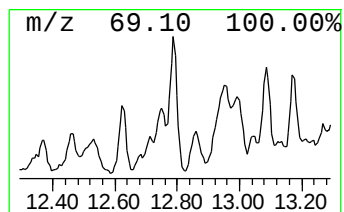
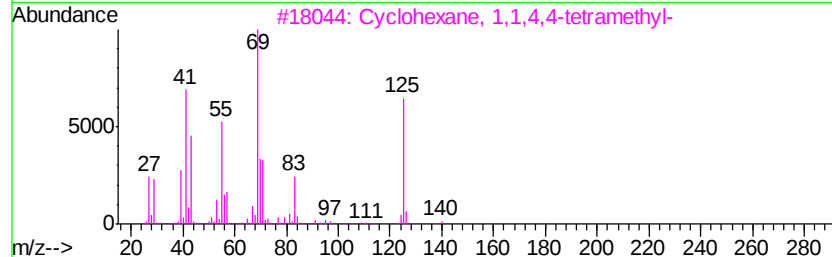
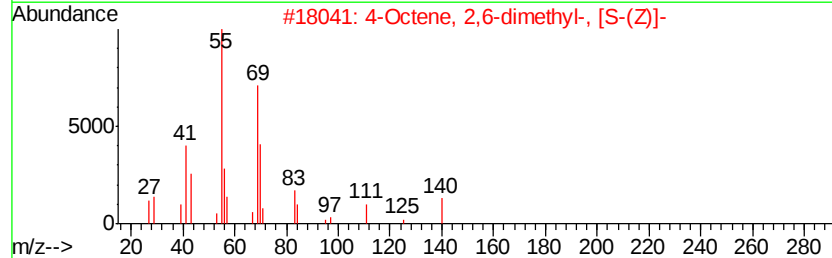
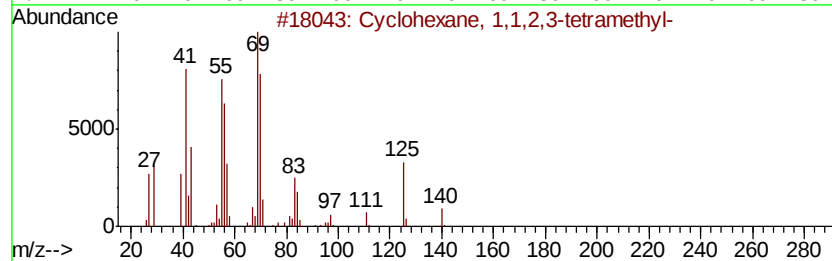
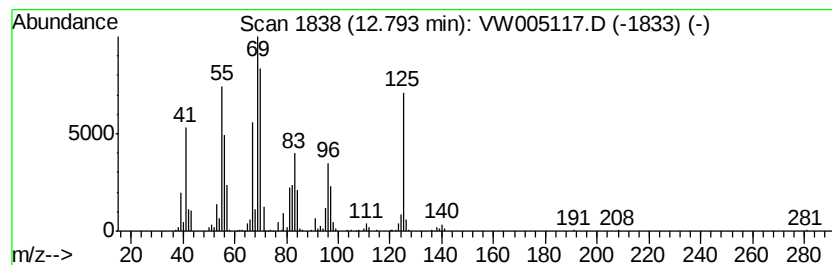
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	10.90 ug/l	378249	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
2		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	43
3		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
4		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	35



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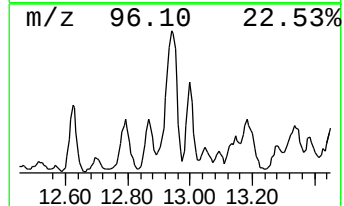
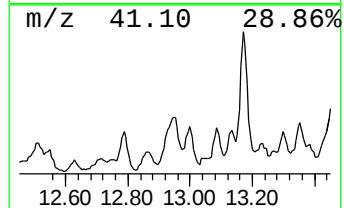
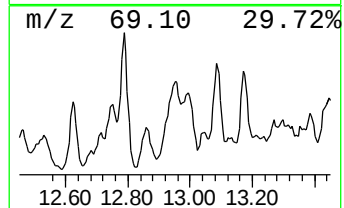
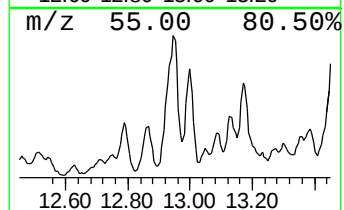
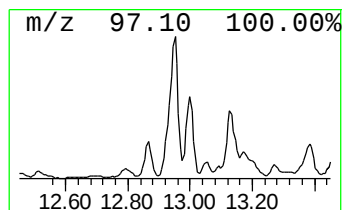
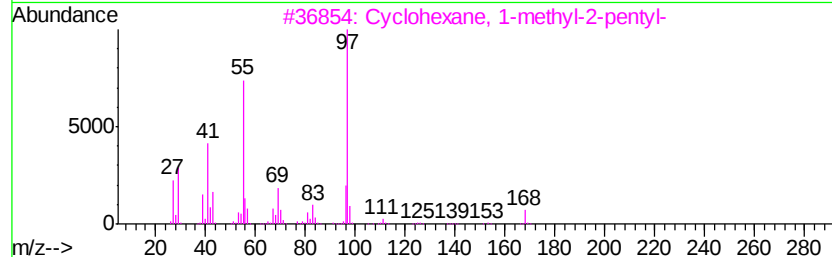
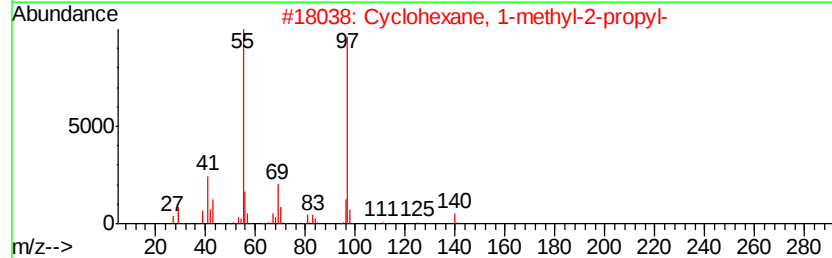
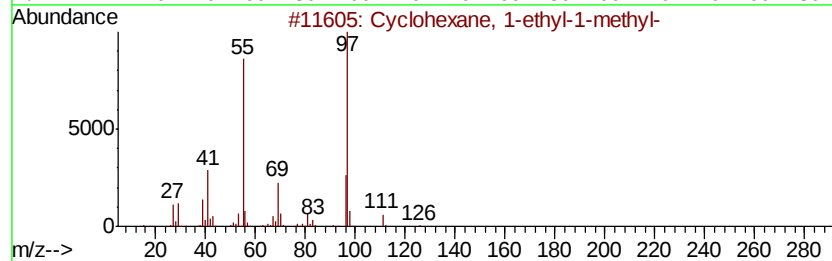
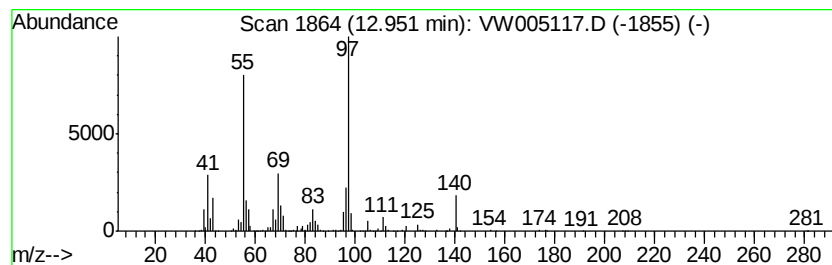
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	24.21 ug/l	840300	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	74
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59



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ClientSampleId :
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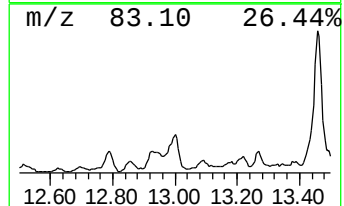
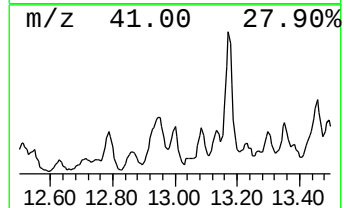
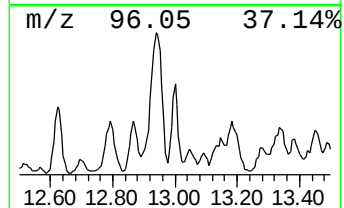
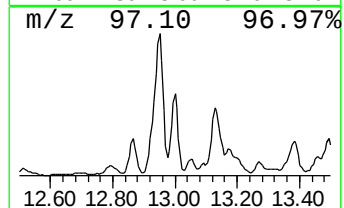
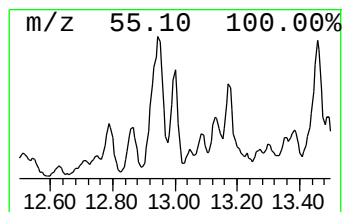
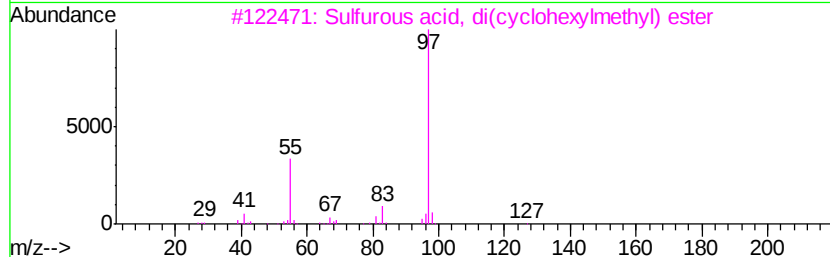
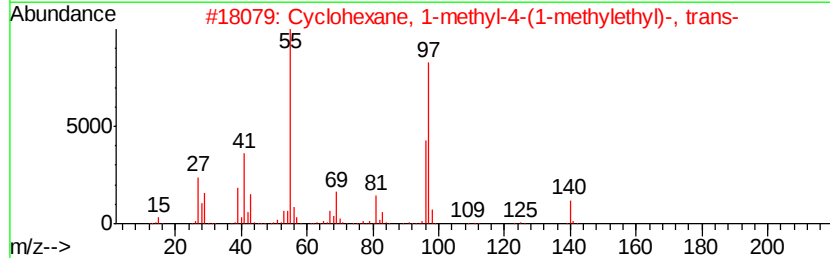
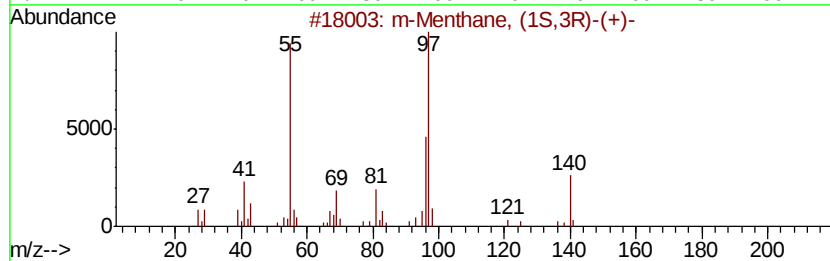
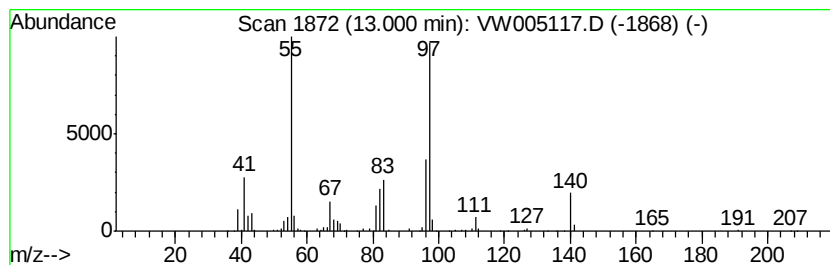
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Peak Number 5 m-Menthane, (1S,3R)-(+)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	9.14 ug/l	317183	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	59
2		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	59
3		Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	52
4		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	52
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52



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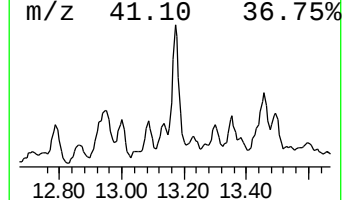
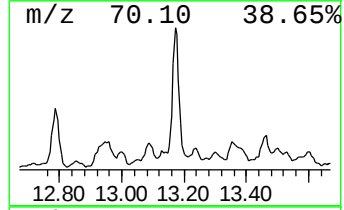
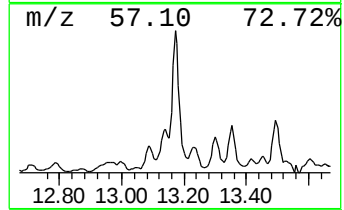
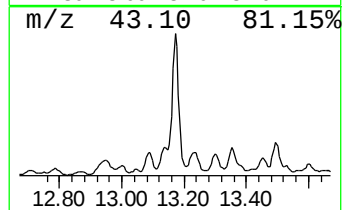
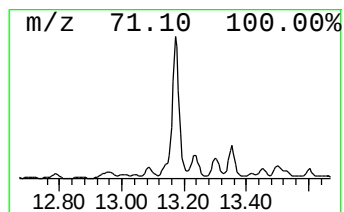
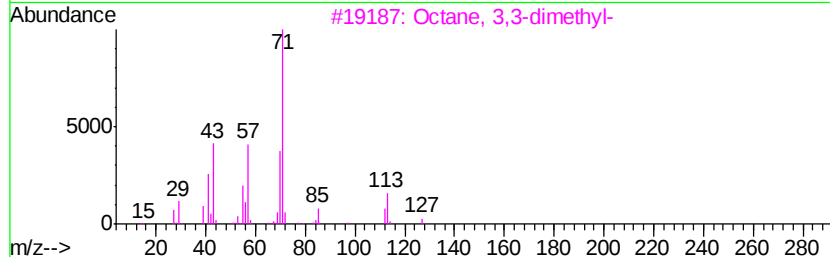
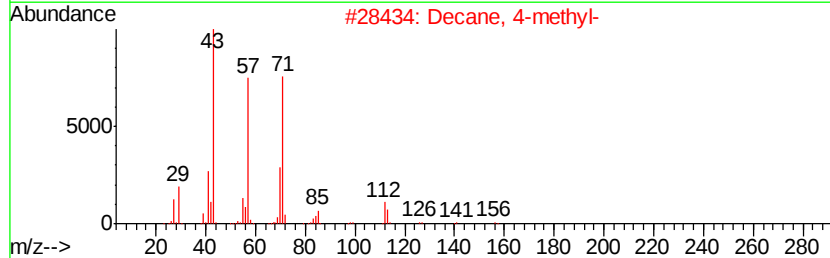
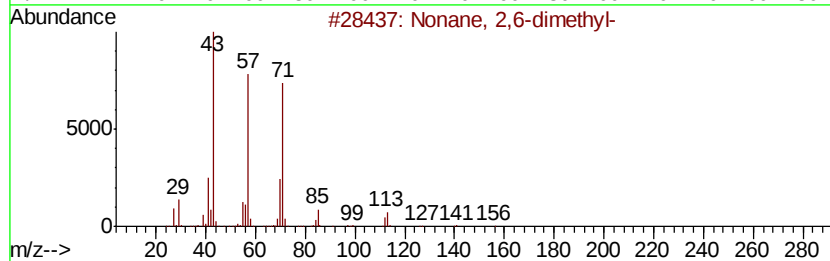
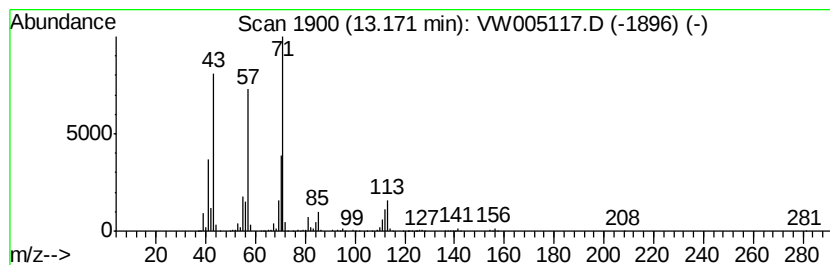
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	26.70 ug/l	926676	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	90
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
4		Sulfurous acid, isobutyl 2-pentyl...	208	C9H20O3S	1000309-15-2	72
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



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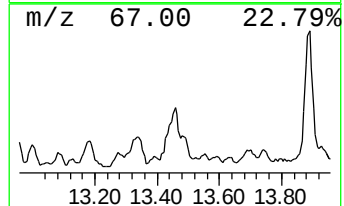
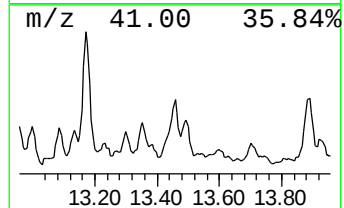
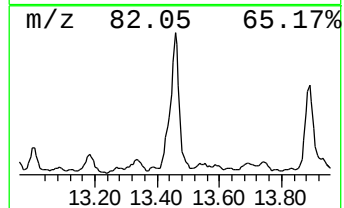
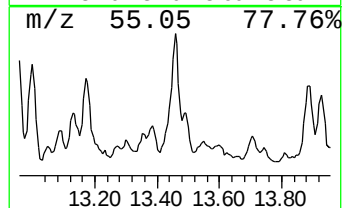
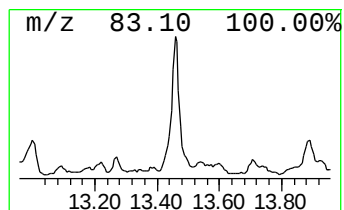
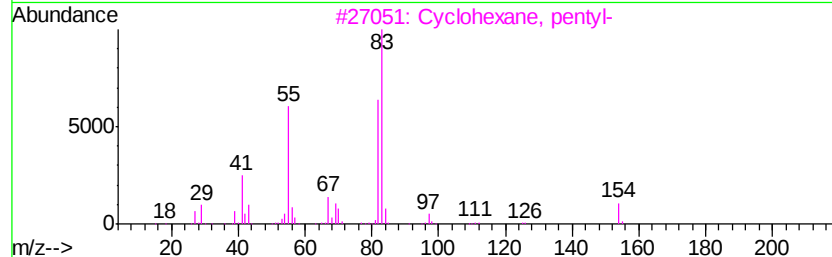
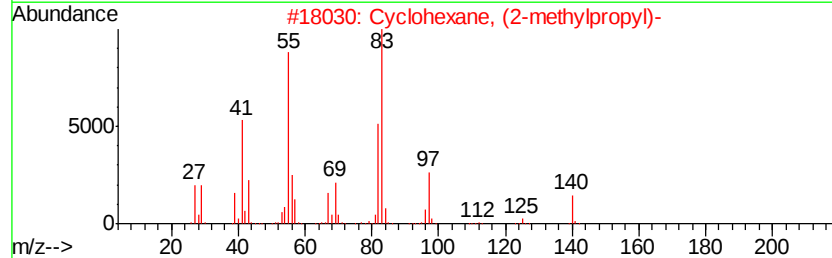
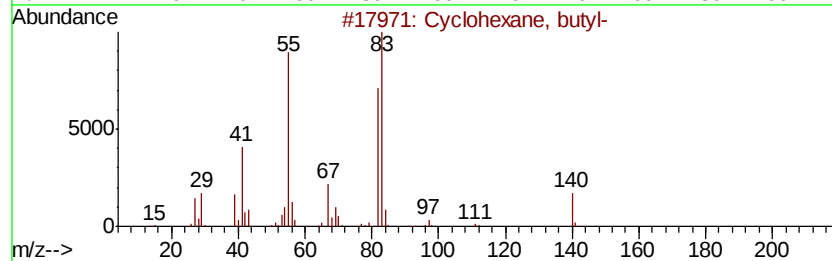
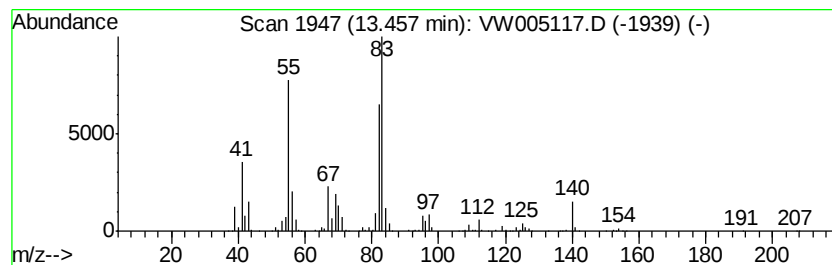
Instrument :
MSVOA_W
ClientSampleId :
SB-06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.46	17.48 ug/l	606766	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cvclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
3	Cvclohexane, pentyl-	154	C11H22	004292-92-6	81
4	Cvclohexane, 2-propenyl-	124	C9H16	002114-42-3	74
5	Cvclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005117.D
 Acq On : 05 Sep 2018 08:57
 Operator : SY/AP
 Sample : J4712-09
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06

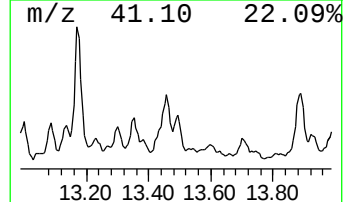
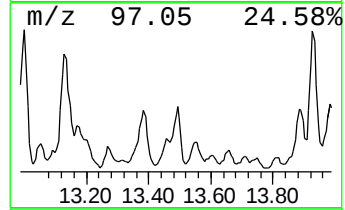
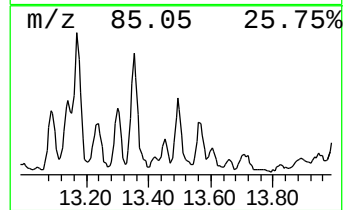
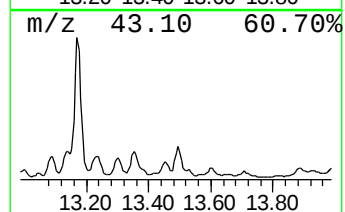
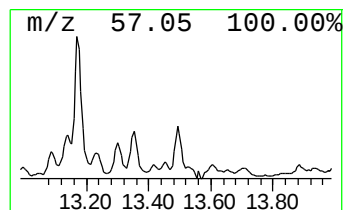
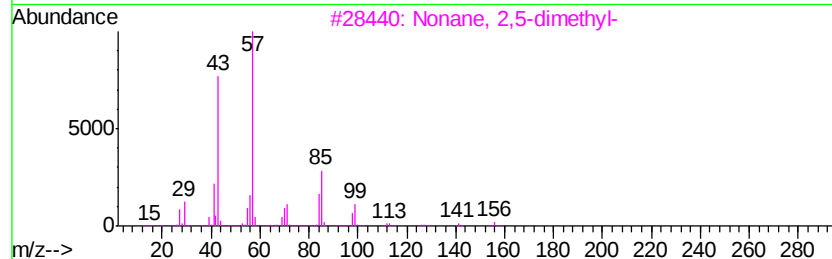
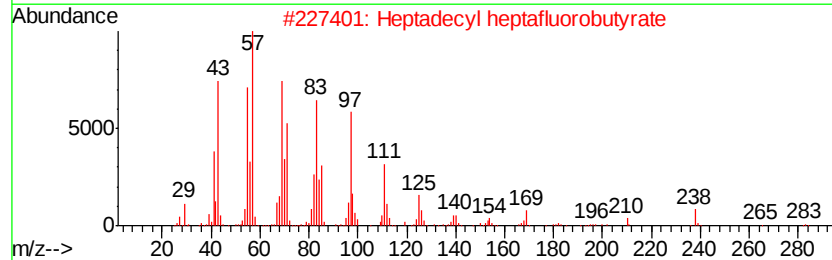
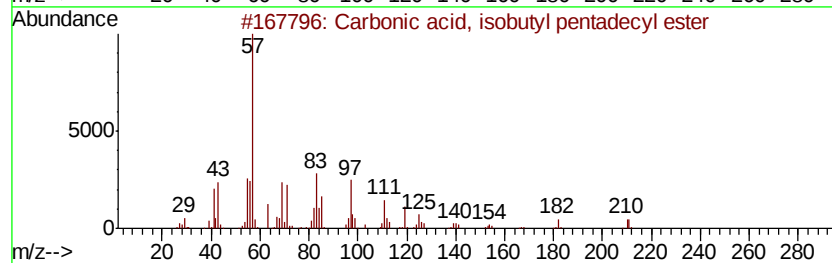
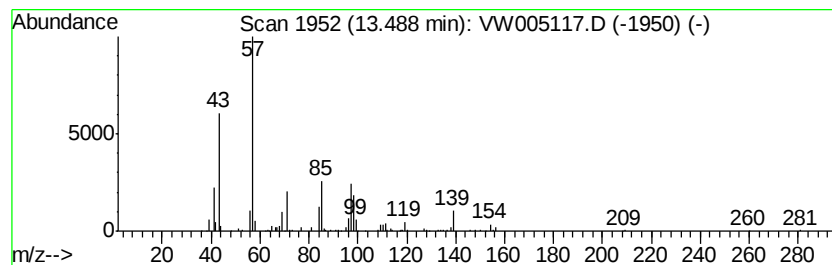
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 Quant Title : SW846 8260

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

 Peak Number 8 Carbonic acid, isobutyl pen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	8.71 ug/l	302225	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	72
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	47
3		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	46
4		Undecane, 4-ethyl-	184	C13H28	017312-59-3	43
5		Pentadecane	212	C15H32	000629-62-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005117.D
Acq On : 05 Sep 2018 08:57
Operator : SY/AP
Sample : J4712-09
Misc : 6.27G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-06

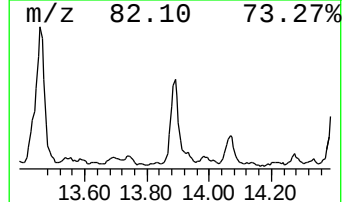
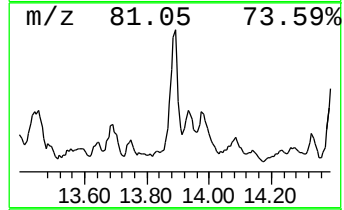
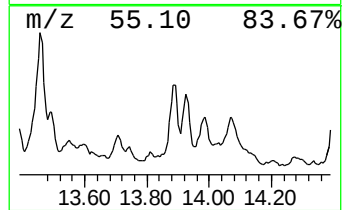
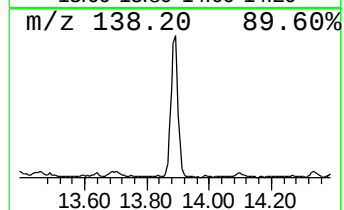
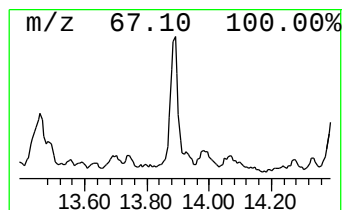
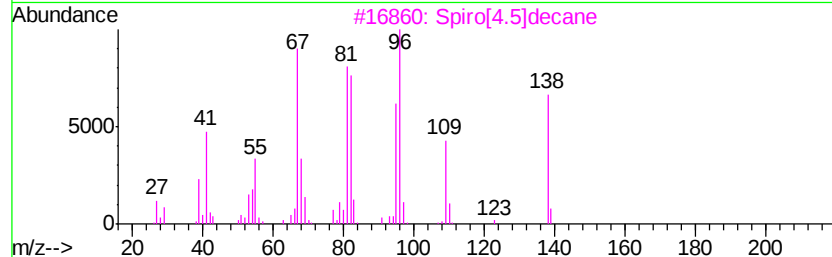
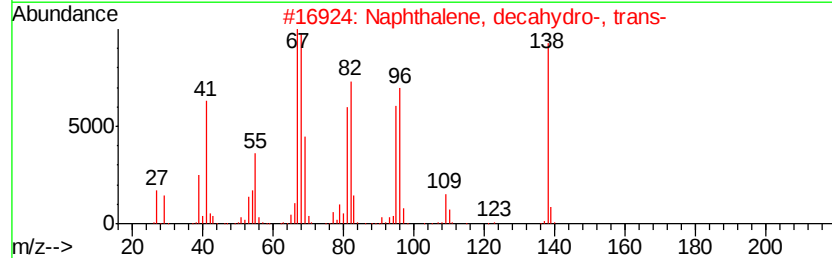
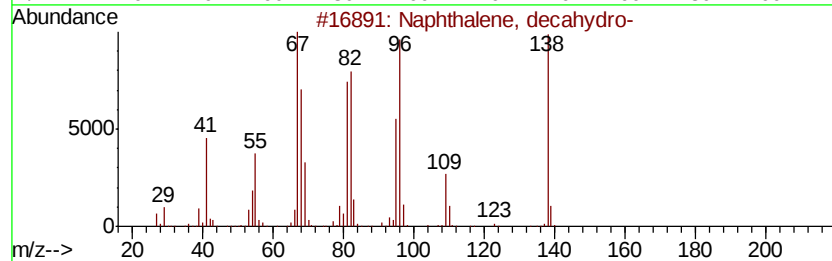
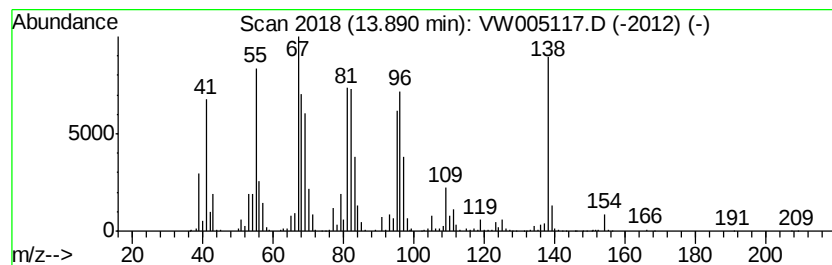
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	19.84 ug/l	688440	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3		Spiro[4.5]decane	138	C10H18	000176-63-6	87
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
5		9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005117.D
Acq On : 05 Sep 2018 08:57
Operator : SY/AP
Sample : J4712-09
Misc : 6.27G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-06

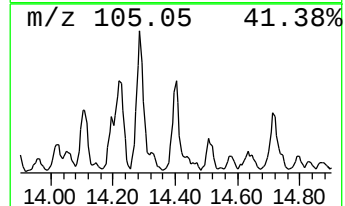
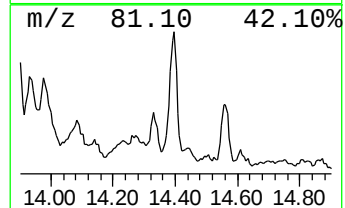
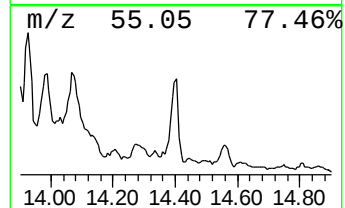
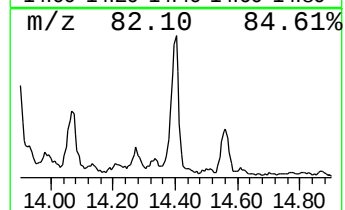
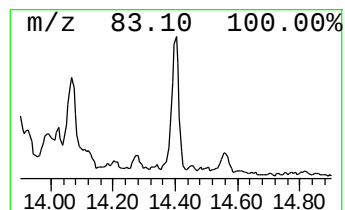
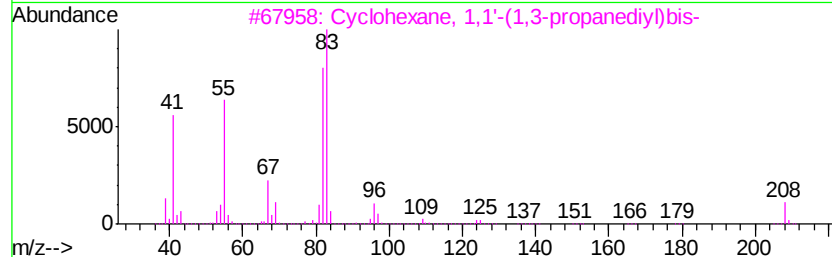
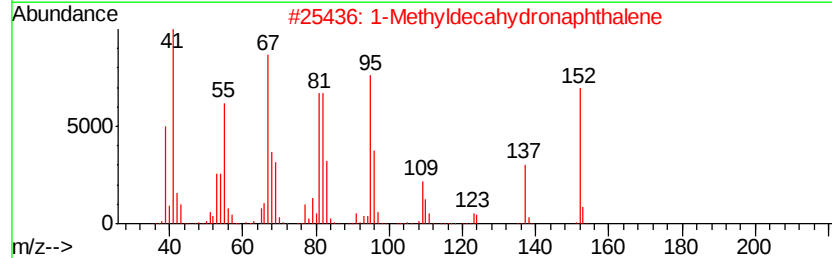
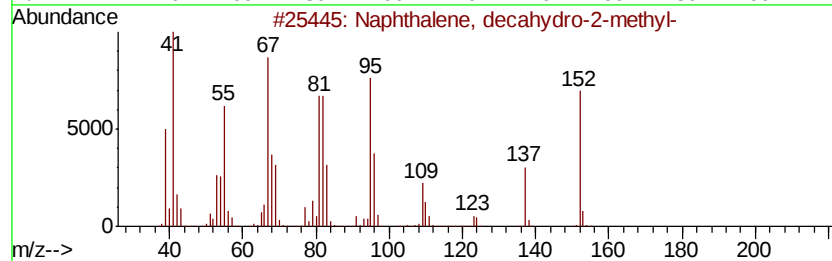
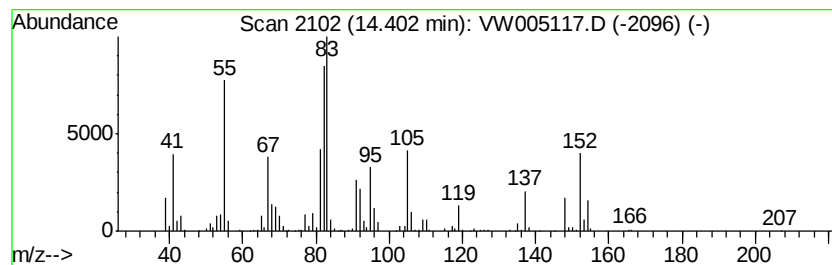
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown14.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	8.31 ug/l	288270	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46
3		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005117.D
Acq On : 05 Sep 2018 08:57
Operator : SY/AP
Sample : J4712-09
Misc : 6.27G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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
Octane, 4,5-dipro...	12.37	9.6	ug/l	441532	3	11.63	2300330	50.0
Cyclohexane, 1,1,...	12.79	10.9	ug/l	378249	4	13.57	1735410	50.0
Cyclohexane, 1-et...	12.95	24.2	ug/l	840300	4	13.57	1735410	50.0
m-Menthane, (1S,3...	13.00	9.1	ug/l	317183	4	13.57	1735410	50.0
Nonane, 2,6-dimet...	13.17	26.7	ug/l	926676	4	13.57	1735410	50.0
Cyclohexane, butyl-	13.46	17.5	ug/l	606766	4	13.57	1735410	50.0
Carbonic acid, is...	13.49	8.7	ug/l	302225	4	13.57	1735410	50.0
Naphthalene, deca...	13.89	19.8	ug/l	688440	4	13.57	1735410	50.0
unknown14.40	14.40	8.3	ug/l	288270	4	13.57	1735410	50.0