

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006038.D
 Acq On : 11 Oct 2018 19:39
 Operator : VA/AP
 Sample : J5457-01
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SOIL

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\82W100818S.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	7.884	971	981	986	rBV	145312	339890	6.70%	2.764%
2	7.951	986	992	1002	rVB	248170	543996	10.73%	4.424%
3	8.311	1033	1051	1060	rBV	132596	315763	6.23%	2.568%
4	8.848	1129	1139	1151	rBV	334900	674723	13.30%	5.487%
5	10.329	1373	1382	1400	rBV	473478	857864	16.91%	6.976%
6	11.414	1552	1560	1561	rBV2	29891	52982	1.04%	0.431%
7	11.439	1562	1564	1572	rVV2	38519	66128	1.30%	0.538%
8	11.634	1588	1596	1606	rBV	436780	726907	14.33%	5.911%
9	12.140	1671	1679	1691	rBV5	23938	75396	1.49%	0.613%
10	12.384	1714	1719	1728	rVB5	42091	89424	1.76%	0.727%
11	12.621	1752	1758	1767	rBV2	395504	655391	12.92%	5.330%
12	12.944	1802	1811	1816	rBV5	26339	67587	1.33%	0.550%
13	13.133	1837	1842	1845	rBV3	43578	72856	1.44%	0.592%
14	13.170	1845	1848	1856	rVB4	48295	93540	1.84%	0.761%
15	13.304	1862	1870	1874	rBV2	26903	57753	1.14%	0.470%
16	13.560	1907	1912	1920	rVB	393395	629307	12.41%	5.118%
17	13.883	1960	1965	1969	rBV3	52171	97162	1.92%	0.790%
18	13.963	1974	1978	1986	rVB3	117174	212815	4.20%	1.731%
19	14.298	2024	2033	2040	rVV	3058435	5071716	100.00%	41.244%
20	14.389	2044	2048	2053	rVB2	68563	124830	2.46%	1.015%
21	14.469	2053	2061	2065	rBV2	97677	169777	3.35%	1.381%
22	14.530	2065	2071	2080	rVB5	83406	214748	4.23%	1.746%
23	14.621	2080	2086	2089	rBV3	71118	126921	2.50%	1.032%
24	14.664	2089	2093	2098	rVB2	117219	178309	3.52%	1.450%
25	14.725	2098	2103	2110	rBV9	23395	71642	1.41%	0.583%
26	14.853	2120	2124	2131	rVB3	44682	92587	1.83%	0.753%
27	14.932	2131	2137	2143	rBV	243614	413815	8.16%	3.365%
28	15.340	2199	2204	2211	rBV4	34442	72201	1.42%	0.587%
29	16.169	2334	2340	2347	rVB	65924	130930	2.58%	1.065%

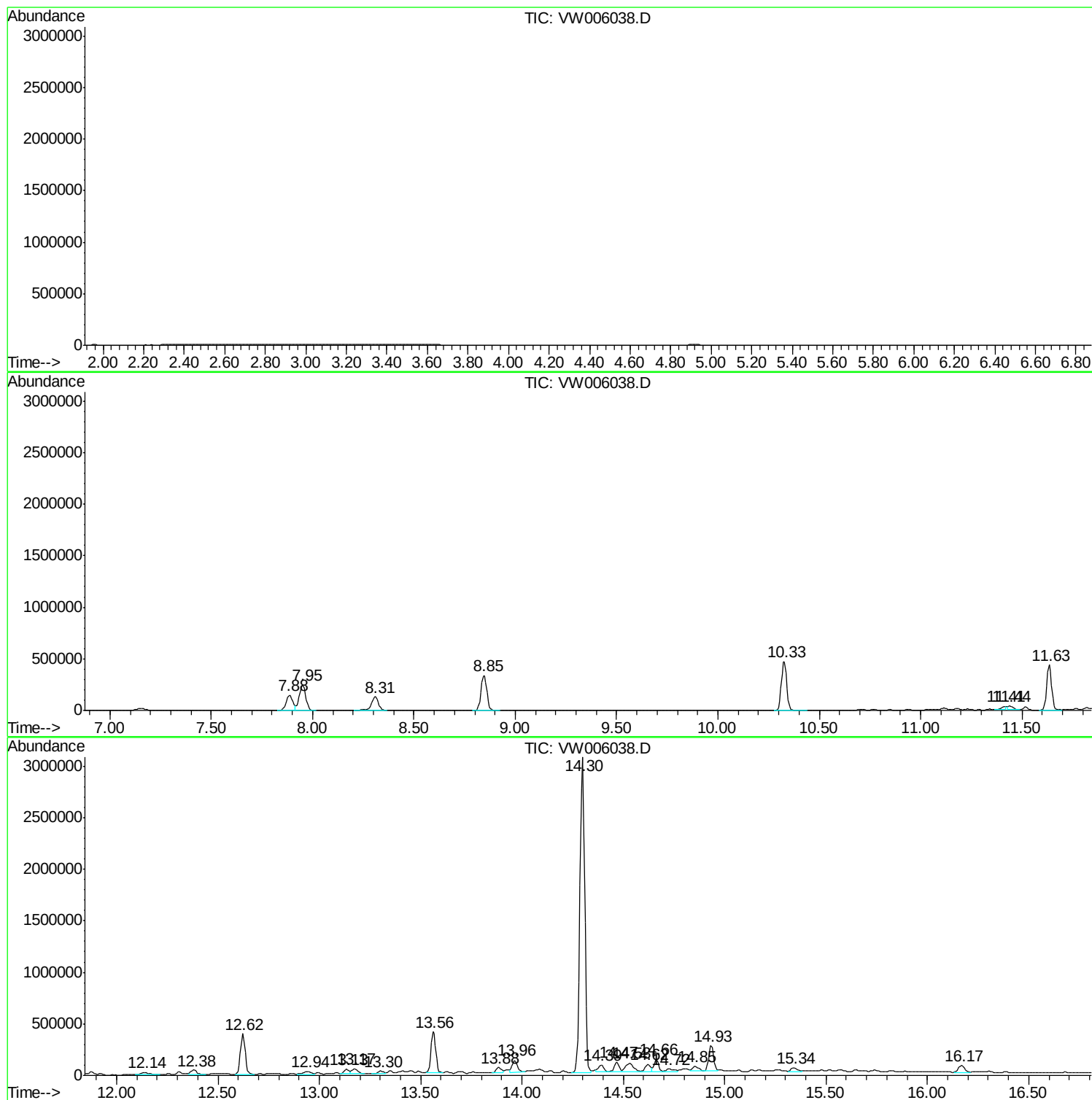
Sum of corrected areas: 12296960

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

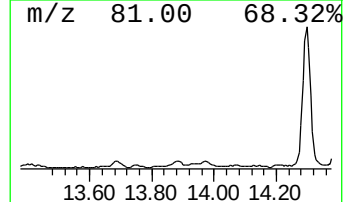
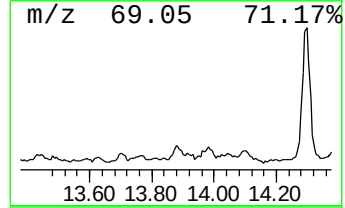
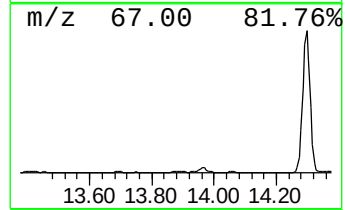
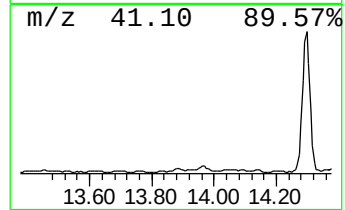
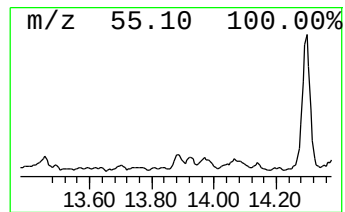
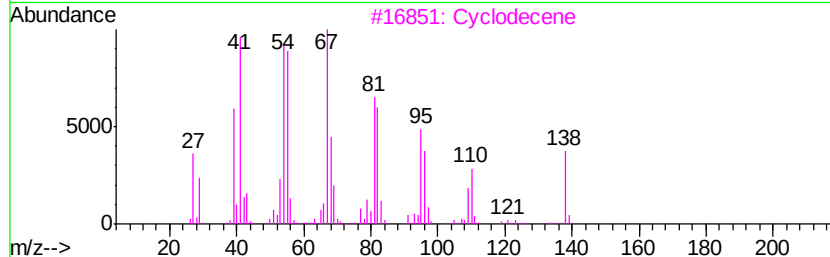
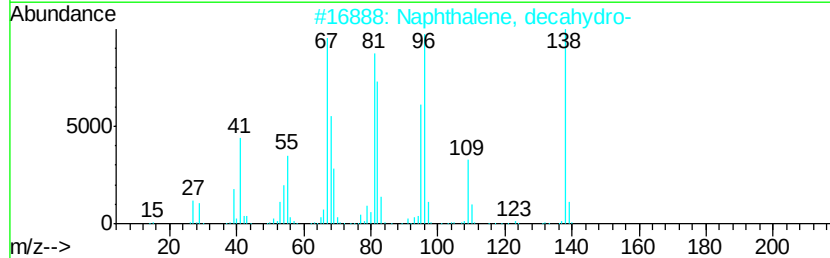
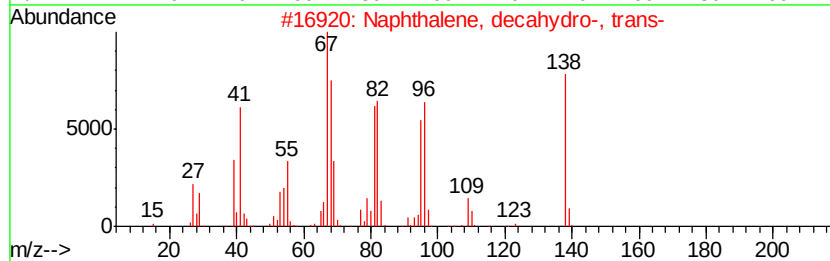
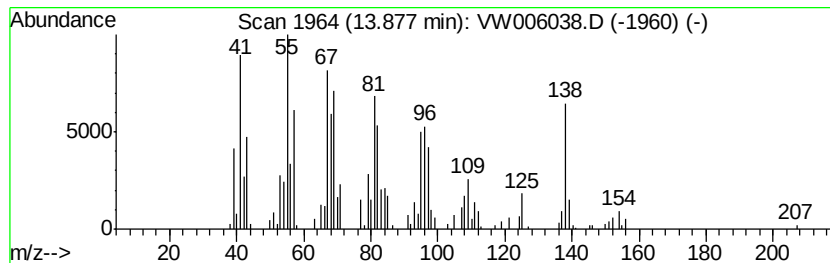
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.72 ug/l	97162	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	81
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	81
3		Cyclodecene	138	C10H18	003618-12-0	76
4		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	70
5		Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

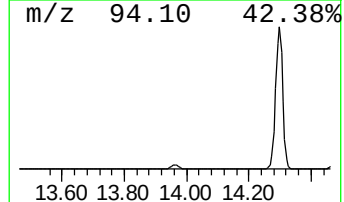
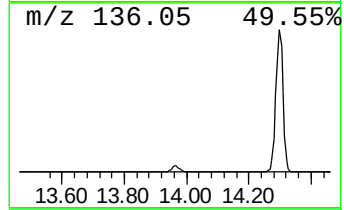
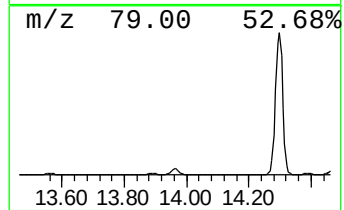
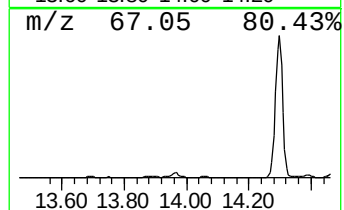
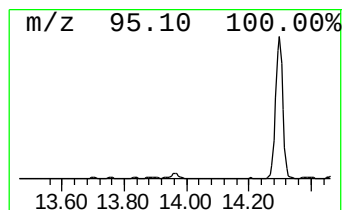
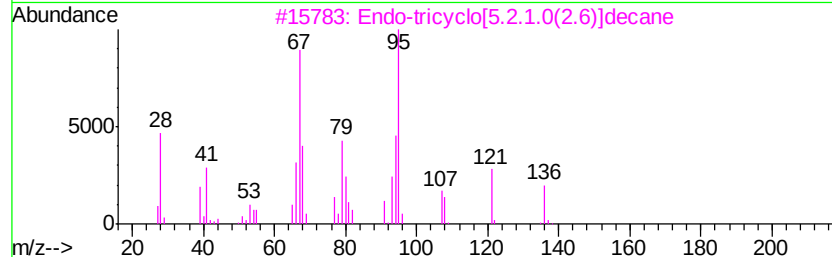
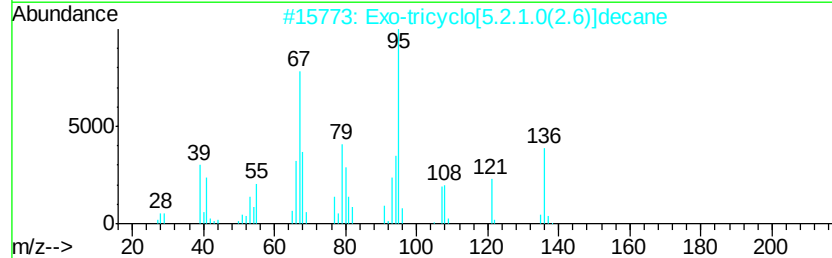
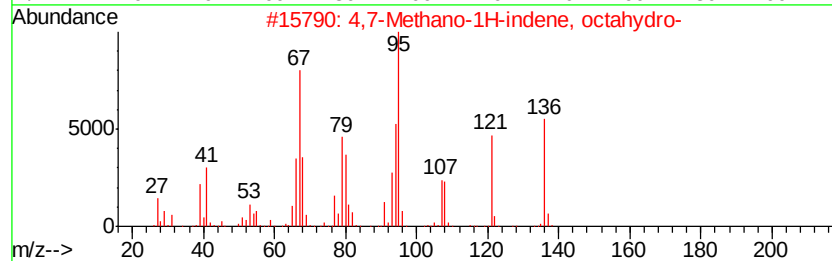
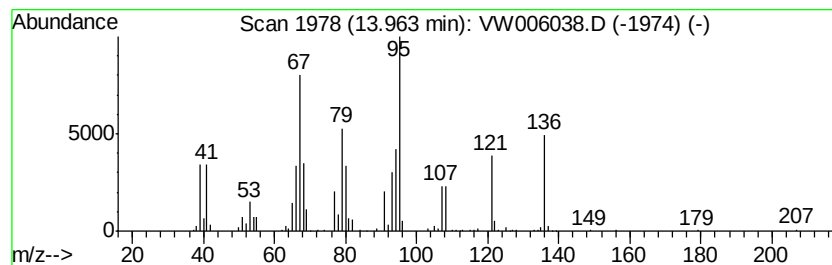
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 2 4,7-Methano-1H-indene, octa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	16.91 ug/l	212815	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95
2		Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	95
3		Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	72
4		7-Methylene-9-oxa-bicyclo[3.3.1]...	136	C9H12O	1000193-85-5	70
5		1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
KG-SOIL

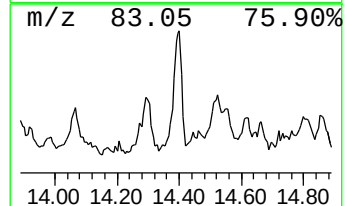
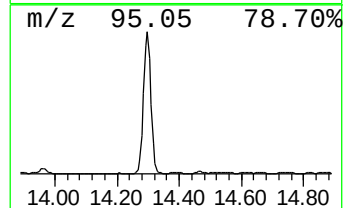
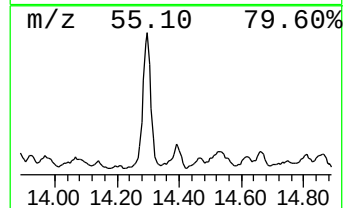
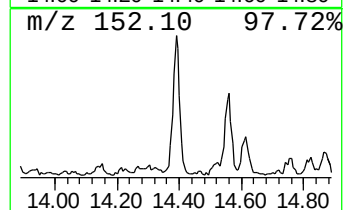
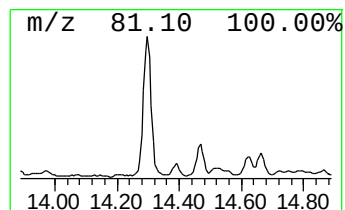
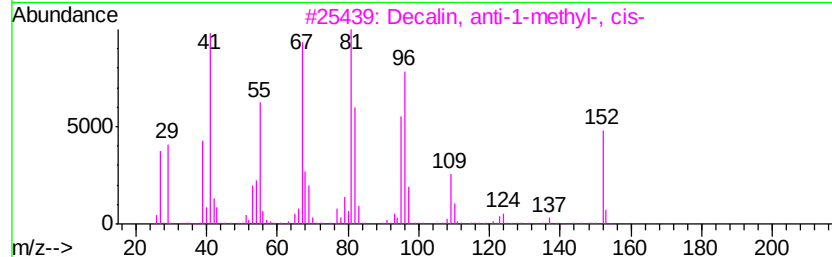
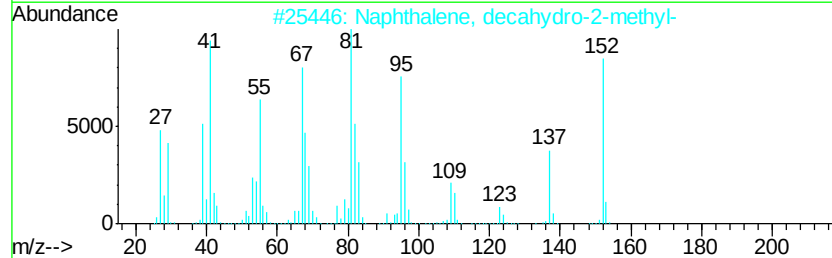
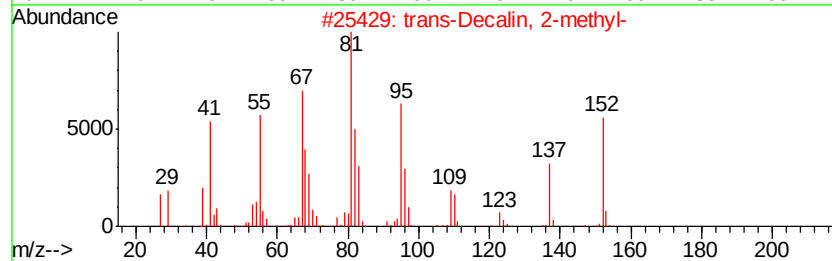
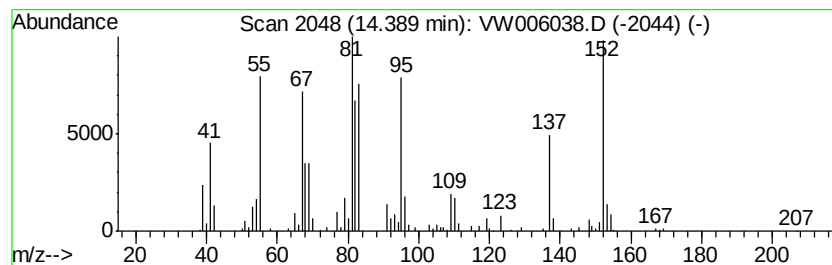
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	9.92 ug/l	124830	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
3		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

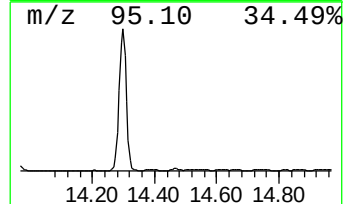
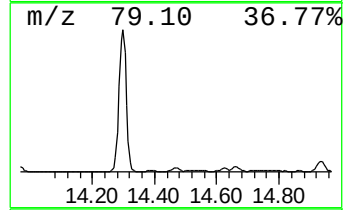
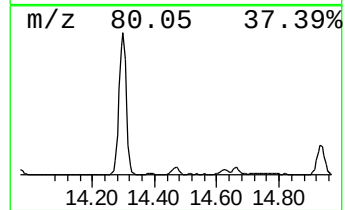
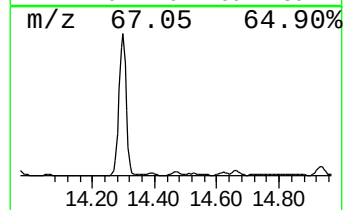
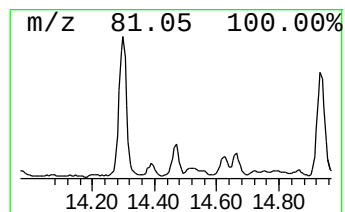
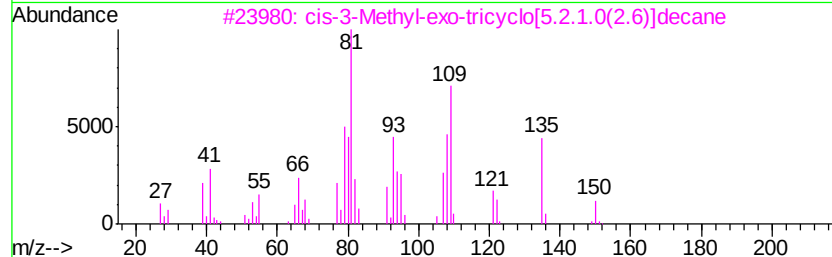
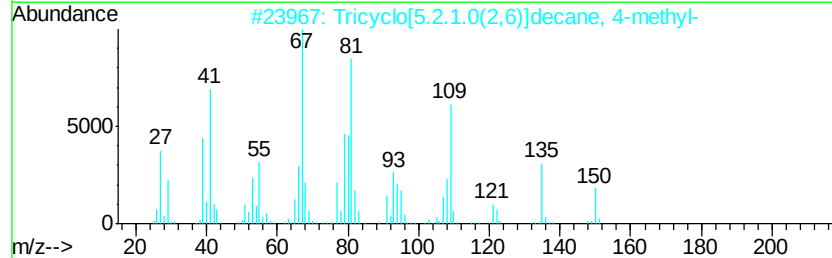
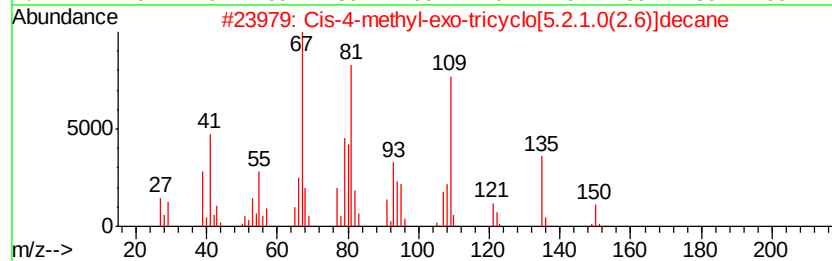
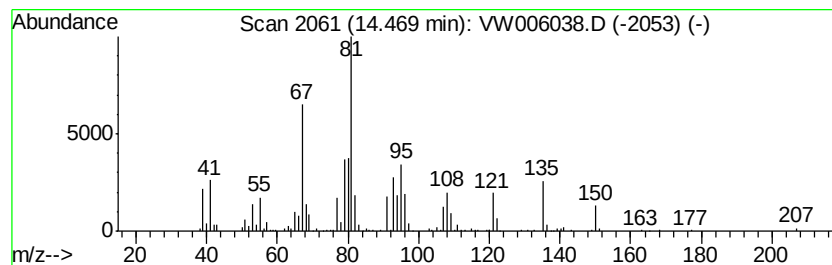
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 5 Cis-4-methyl-exo-tricyclo[5... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	13.49 ug/l	169777	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	78
2		Tricyclo[5.2.1.0(2,6)]decane, 4-...	150	C11H18	1000150-03-4	60
3		cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	58
4		trans-8-oxabicyclo[4.3.0]nonane	126	C8H14O	1000216-90-1	53
5		1-Methylbicyclo[2.2.1]heptan-exo...	126	C8H14O	1000138-89-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

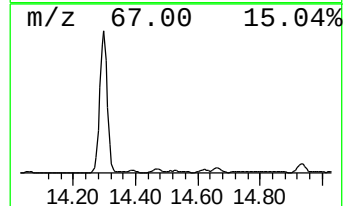
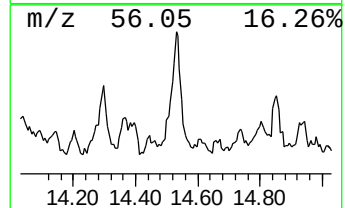
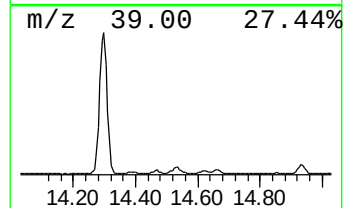
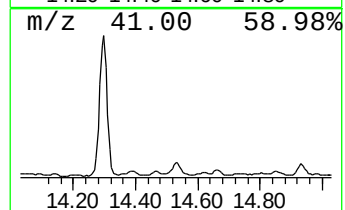
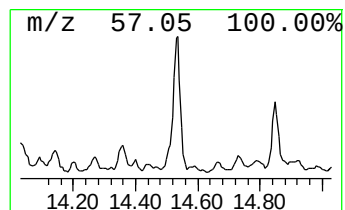
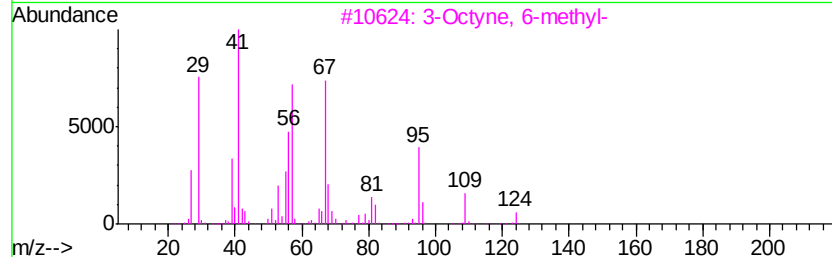
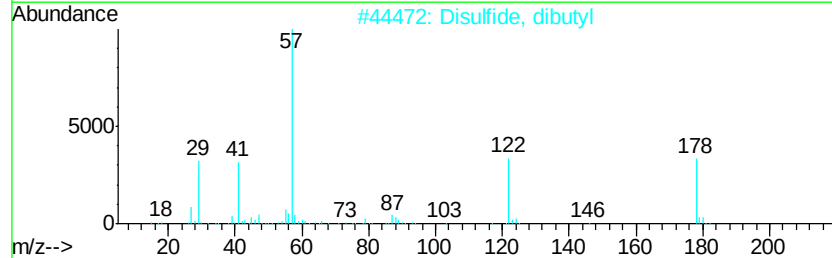
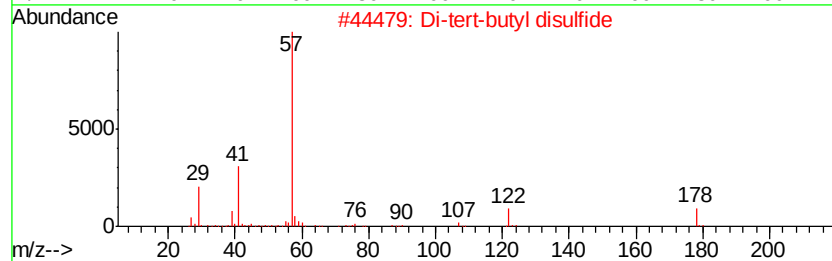
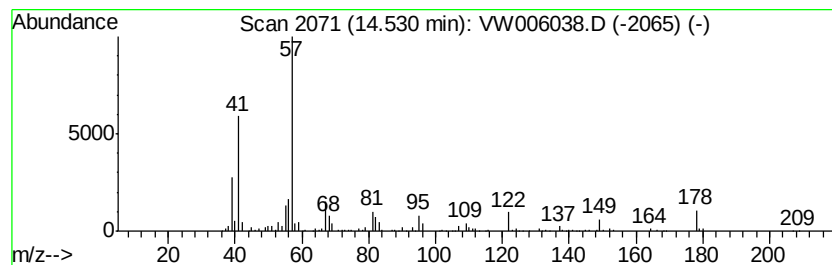
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	17.06 ug/l	214748	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	43
2		Disulfide, dibutyl	178	C8H18S2	000629-45-8	38
3		3-Octyne, 6-methyl-	124	C9H16	062108-34-3	35
4		5-t-Butyl-cycloheptene	152	C11H20	1000189-30-7	35
5		Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
KG-SOIL

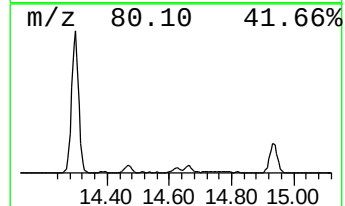
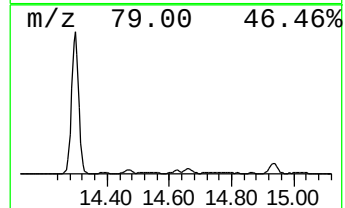
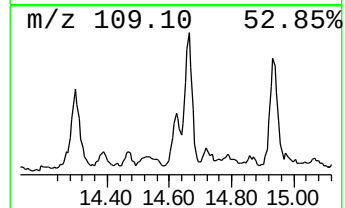
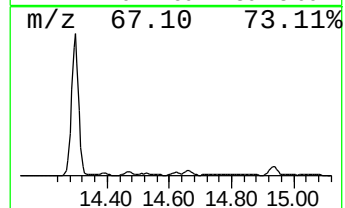
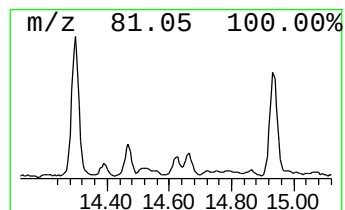
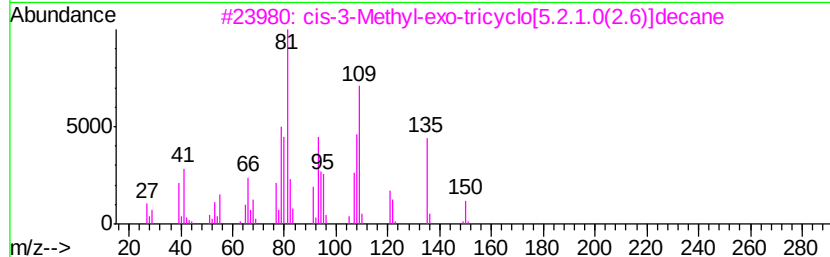
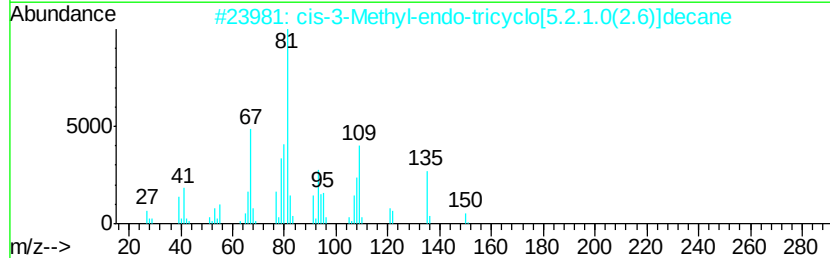
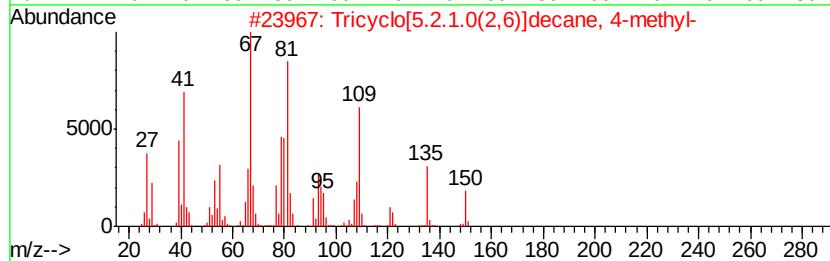
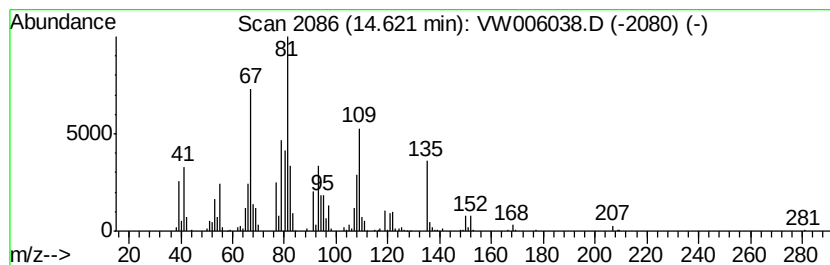
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 7 Tricyclo[5.2.1.0(2,6)]decan... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	10.08 ug/l	126921	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[5.2.1.0(2,6)]decane, 4-...	150	C11H18	1000150-03-4	93
2		cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	93
3		cis-3-Methyl-exo-tricyclo[5.2.1...	150	C11H18	1000215-28-9	83
4		4,7-Methano-2H-inden-2-one, octa...	150	C10H14O	050447-20-6	70
5		Tricyclo[4.2.1.1(2,5)]decan-9-ol...	152	C10H16O	066953-30-8	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

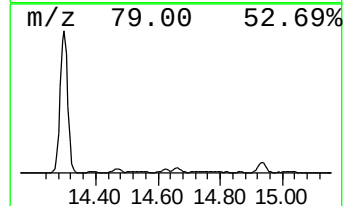
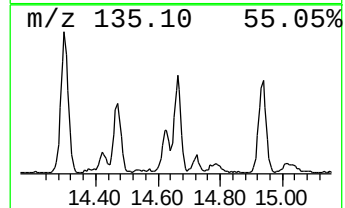
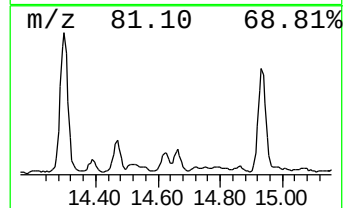
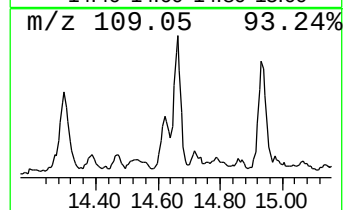
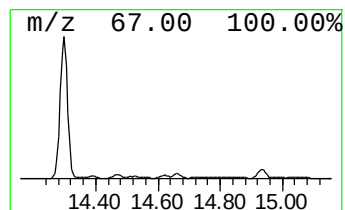
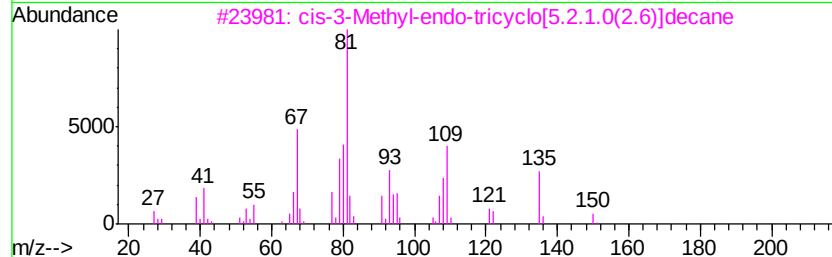
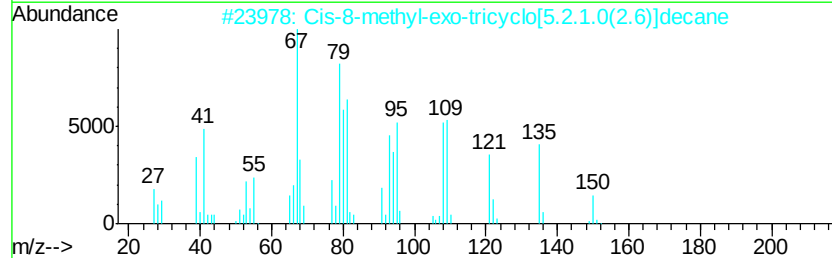
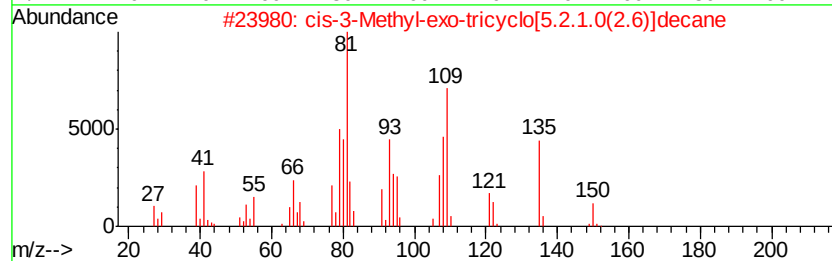
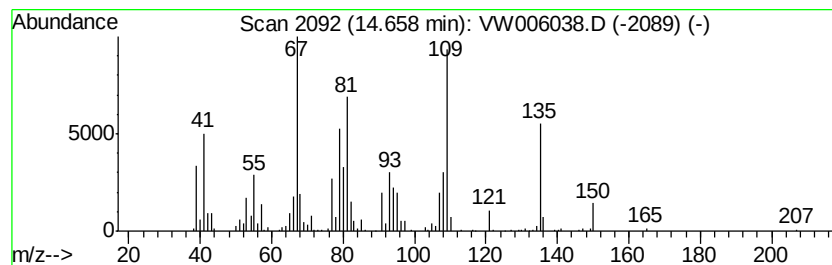
Instrument :
MSVOA_W
ClientSampled :
KG-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 8 cis-3-Methyl-exo-tricyclo[5... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	14.17 ug/l	178309	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis-3-Methyl-exo-tricyclo[5.2.1....	150 C11H18	1000215-28-9 86
2		Cis-8-methyl-exo-tricyclo[5.2.1....	150 C11H18	1000215-29-3 70
3		cis-3-Methyl-endo-tricyclo[5.2.1...	150 C11H18	1000215-29-0 53
4		Cis-4-methyl-exo-tricyclo[5.2.1....	150 C11H18	1000215-29-2 49
5		Cyclooctene, 3-ethenyl-	136 C10H16	002213-60-7 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

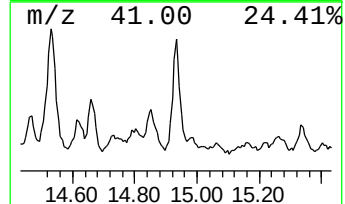
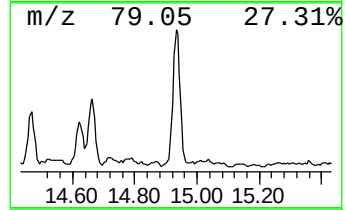
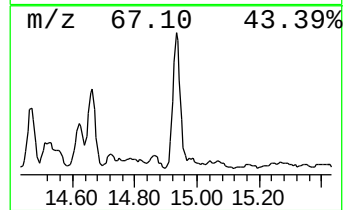
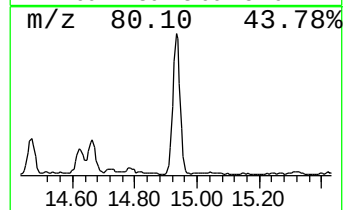
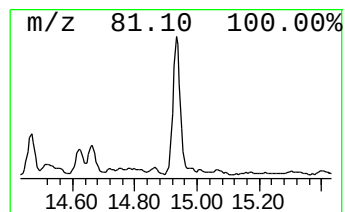
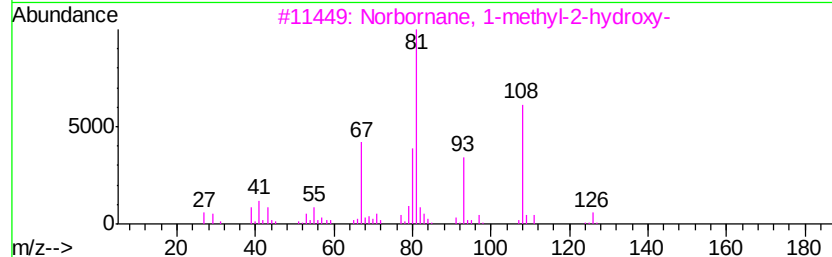
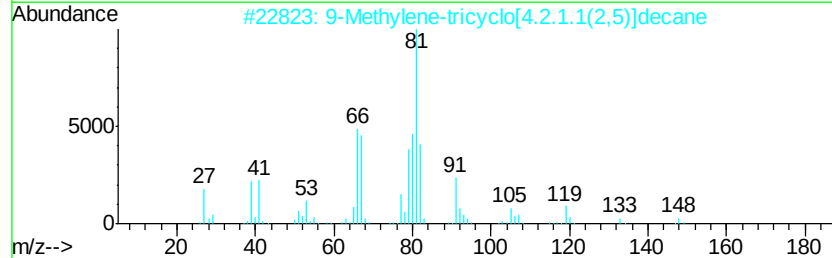
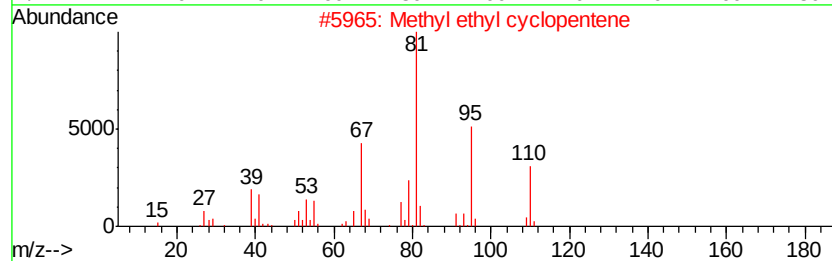
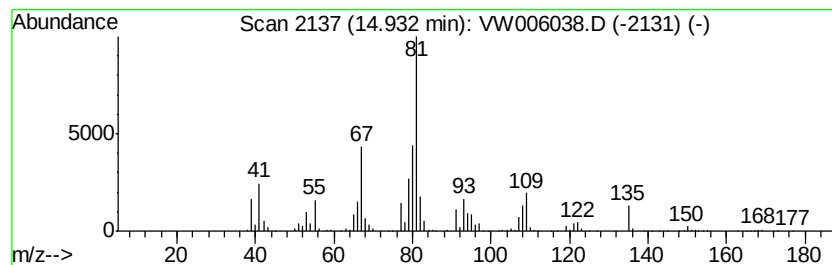
Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	32.88 ug/l	413815	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl ethyl cyclopentene	110 C8H14	019780-56-4 43
2		9-Methylene-tricyclo[4.2.1.1(2,5...]	148 C11H16	075156-66-0 42
3		Norbornane, 1-methyl-2-hydroxy-	126 C8H14O	1000197-58-0 42
4		1-Ethyl-5-methylcyclopentene	110 C8H14	097797-57-4 38
5		2-Hexyne, 4-methyl-	96 C7H12	020198-49-6 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

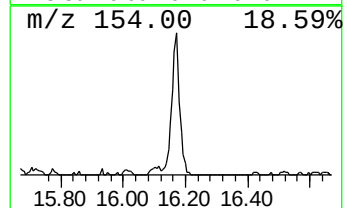
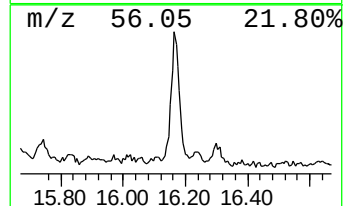
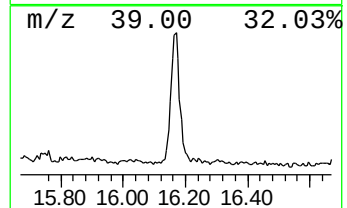
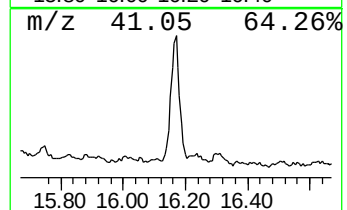
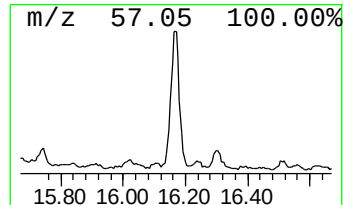
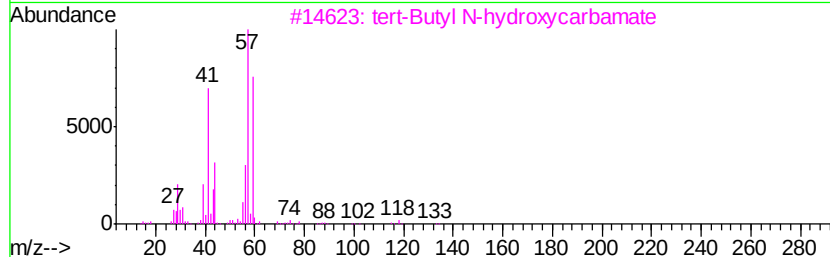
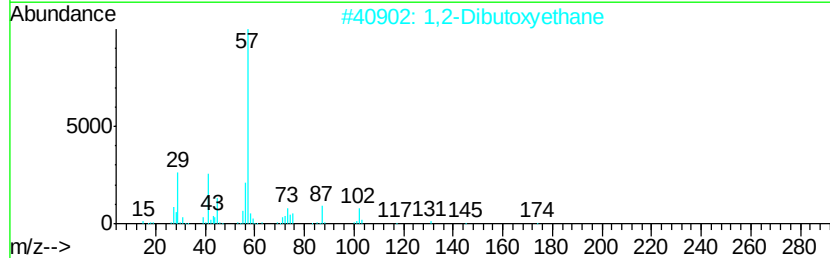
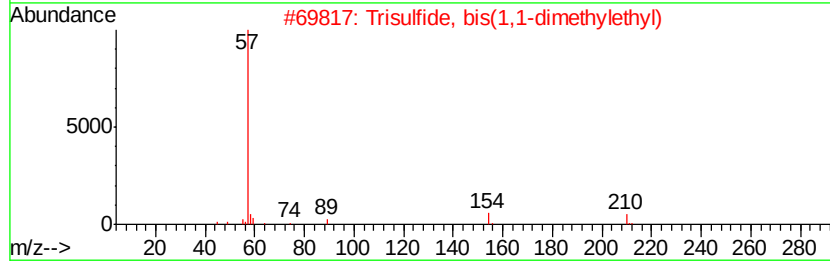
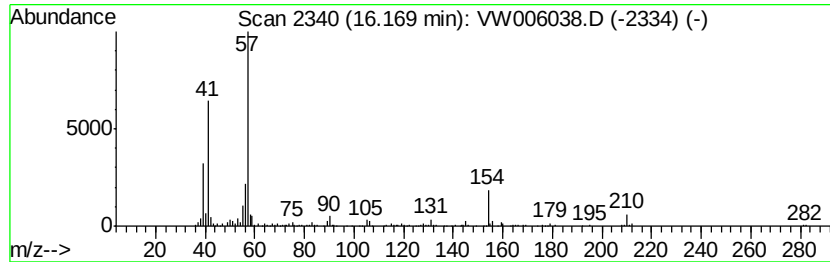
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	10.40 ug/l	130930	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	46
2		1,2-Dibutoxyethane	174	C10H22O2	000112-48-1	38
3		tert-Butyl N-hydroxycarbamate	133	C5H11NO3	036016-38-3	38
4		Butane, 1-bromo-	136	C4H9Br	000109-65-9	38
5		Butane, 2-nitro-	103	C4H9NO2	000600-24-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006038.D
Acq On : 11 Oct 2018 19:39
Operator : VA/AP
Sample : J5457-01
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.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	7.7	ug/l	97162	4	13.57	629307	50.0
4,7-Methano-1H-in...	13.96	16.9	ug/l	212815	4	13.57	629307	50.0
trans-Decalin, 2-...	14.39	9.9	ug/l	124830	4	13.57	629307	50.0
Cis-4-methyl-exo-...	14.47	13.5	ug/l	169777	4	13.57	629307	50.0
unknown14.53	14.53	17.1	ug/l	214748	4	13.57	629307	50.0
Tricyclo[5.2.1.0(...	14.62	10.1	ug/l	126921	4	13.57	629307	50.0
cis-3-Methyl-exo-...	14.66	14.2	ug/l	178309	4	13.57	629307	50.0
unknown14.93	14.93	32.9	ug/l	413815	4	13.57	629307	50.0
unknown16.17	16.17	10.4	ug/l	130930	4	13.57	629307	50.0