

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012914.D
 Acq On : 11 Sep 2019 13:52
 Operator : SY/VA
 Sample : K4625-01
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HF-01

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\82W090719S.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	1.965	5	10	35	rVB	123829	295785	1.84%	0.392%
2	4.111	351	362	375	rBV	147652	402843	2.51%	0.534%
3	7.884	971	981	985	rBV	142325	340966	2.12%	0.452%
4	7.945	985	991	1001	rVB	304657	683995	4.26%	0.906%
5	8.305	1040	1050	1059	rBV	148193	334754	2.08%	0.443%
6	8.842	1129	1138	1148	rBV	430668	853353	5.31%	1.130%
7	10.323	1372	1381	1387	rBV	637486	1121139	6.98%	1.485%
8	11.628	1588	1595	1605	rVB	485834	830746	5.17%	1.100%
9	12.365	1709	1716	1723	rBV	509890	874795	5.45%	1.159%
10	12.469	1724	1733	1741	rBV	8258959	13492313	84.01%	17.869%
11	12.615	1751	1757	1762	rBV	342825	574214	3.58%	0.760%
12	12.682	1762	1768	1769	rVV	886702	1264045	7.87%	1.674%
13	12.719	1769	1774	1781	rVB	6191545	10468449	65.18%	13.864%
14	12.920	1799	1807	1819	rBV	9970871	16060879	100.00%	21.271%
15	13.036	1819	1826	1833	rBV4	855944	2062772	12.84%	2.732%
16	13.359	1873	1879	1888	rBV3	470020	901635	5.61%	1.194%
17	13.450	1888	1894	1898	rVV2	4367886	8657639	53.91%	11.466%
18	13.499	1898	1902	1907	rVV	4433310	7144823	44.49%	9.462%
19	13.560	1907	1912	1920	rVB	388720	640399	3.99%	0.848%
20	13.999	1978	1984	1988	rBV	270990	421275	2.62%	0.558%
21	14.042	1988	1991	2003	rVB2	220014	369818	2.30%	0.490%
22	14.432	2045	2055	2065	rBV	3461362	5835592	36.33%	7.728%
23	14.694	2089	2098	2108	rBV	615434	1116944	6.95%	1.479%
24	14.859	2120	2125	2131	rVB3	198164	299728	1.87%	0.397%
25	15.023	2145	2152	2161	rBV5	107526	252769	1.57%	0.335%
26	15.170	2171	2176	2180	rBV	125565	205984	1.28%	0.273%

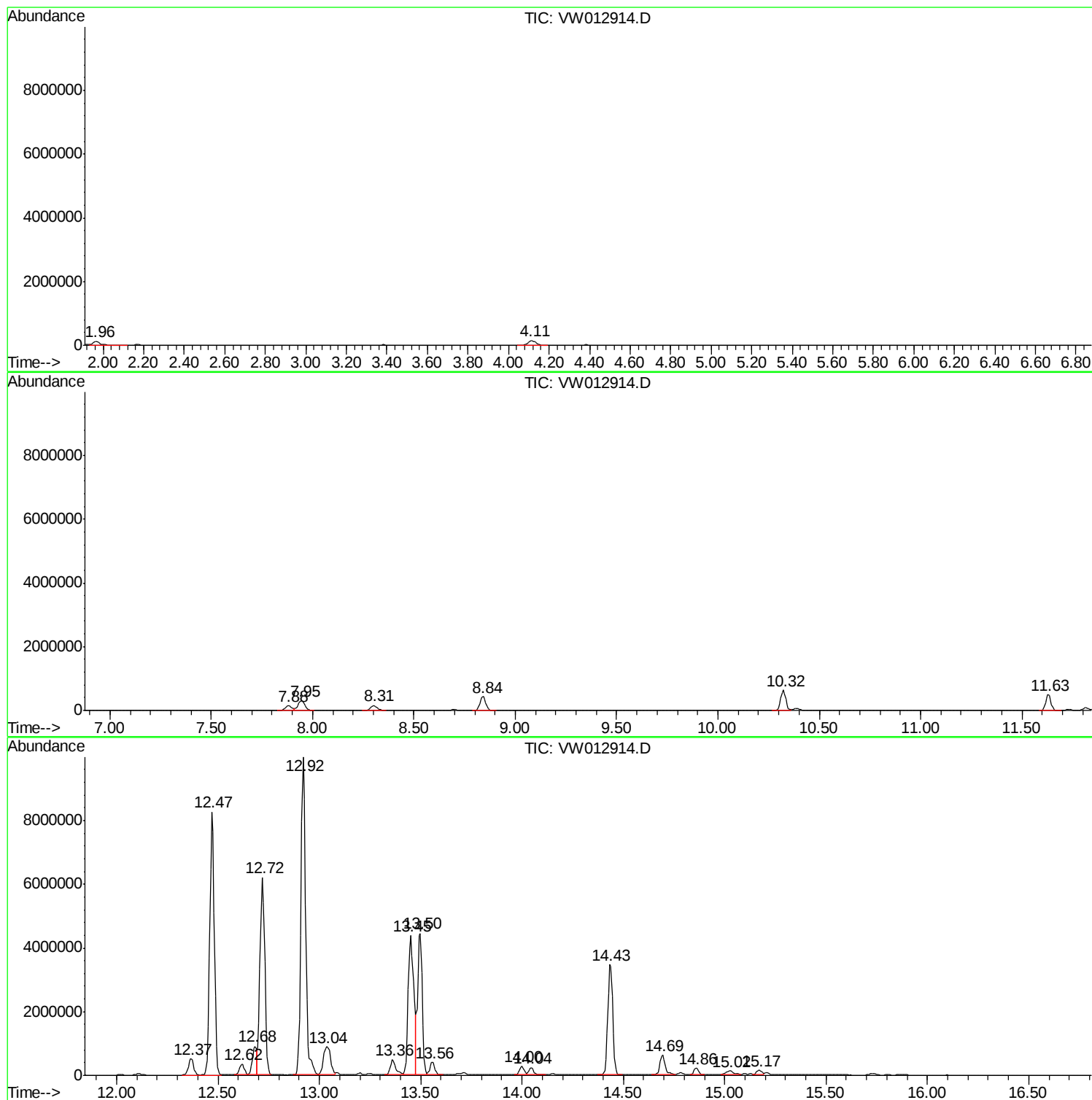
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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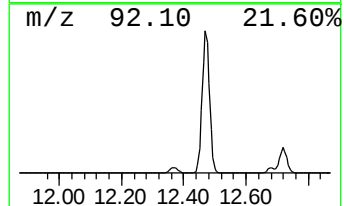
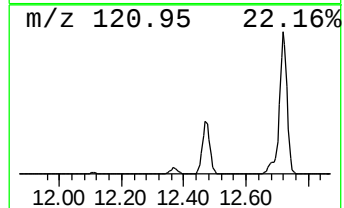
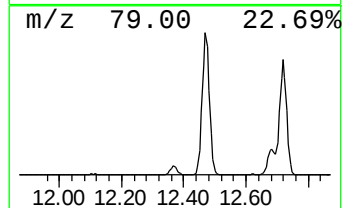
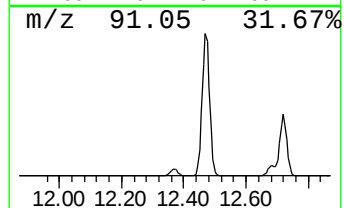
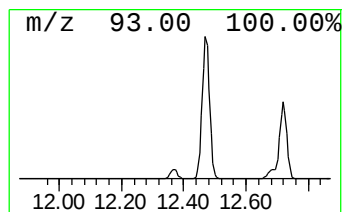
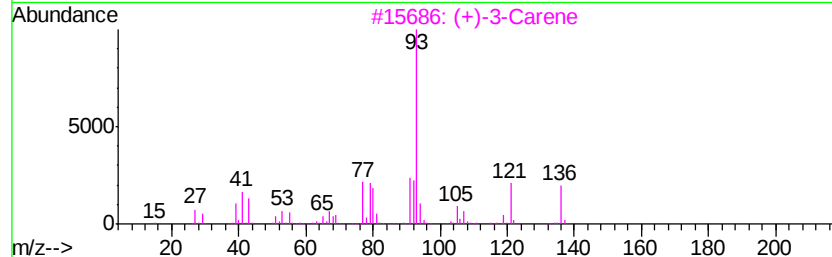
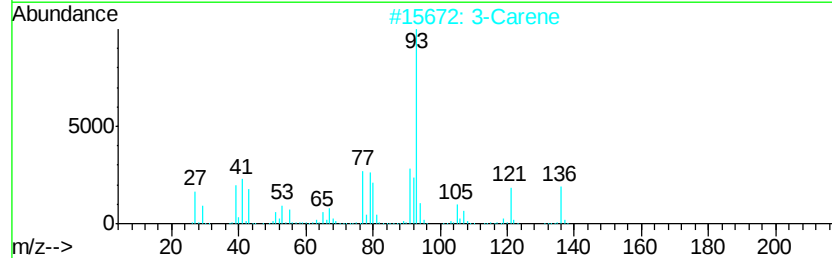
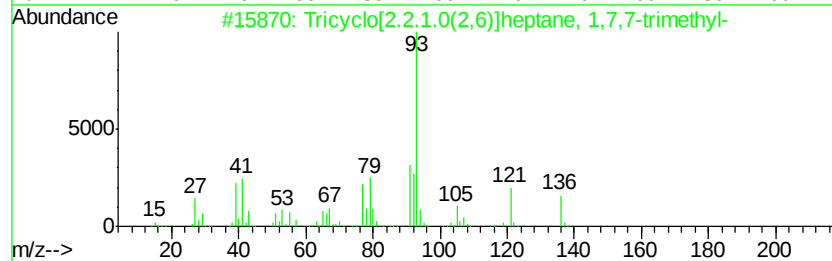
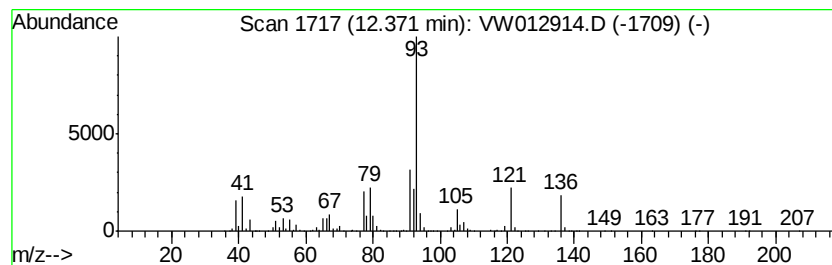
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Quant Title : SW846 8260

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

Peak Number 1 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	52.65 ug/l	874795	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2		3-Carene	136	C10H16	013466-78-9	94
3		(+)-3-Carene	136	C10H16	000498-15-7	93
4		.gamma.-Terpinene	136	C10H16	000099-85-4	91
5		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	90



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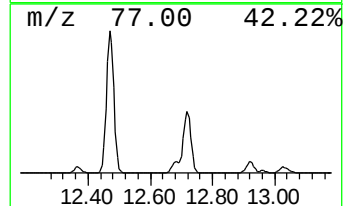
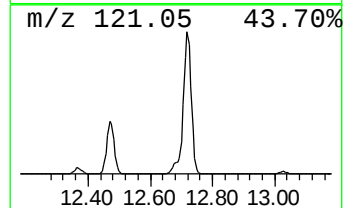
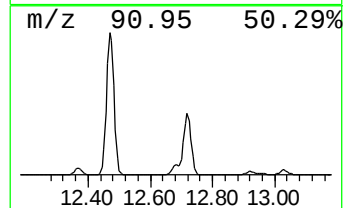
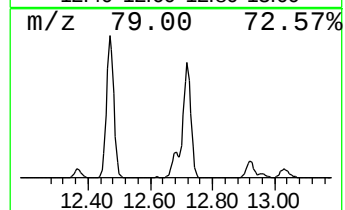
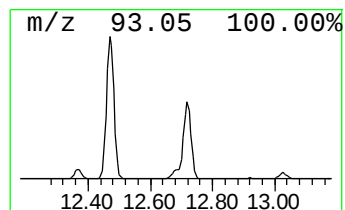
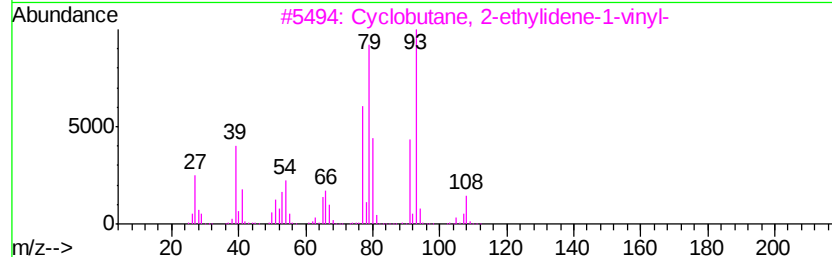
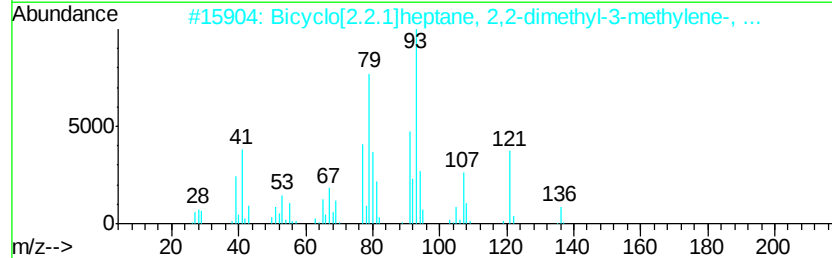
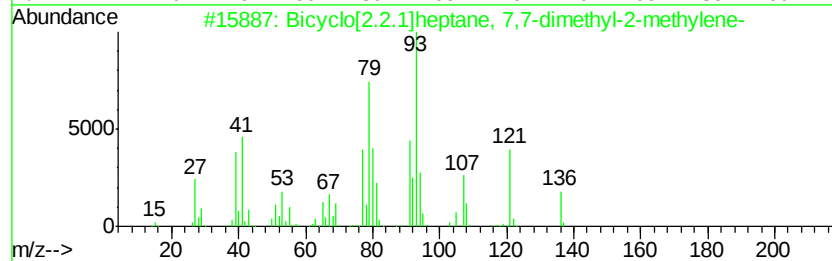
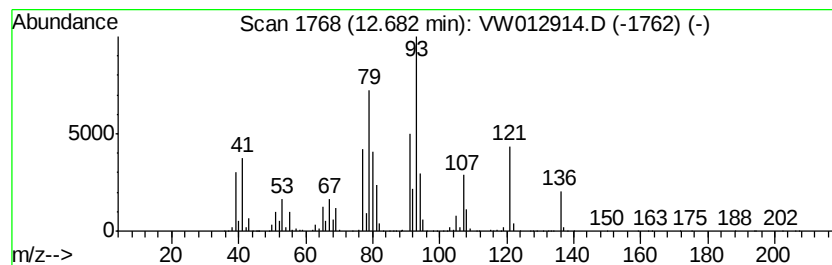
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Peak Number 2 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	98.69 ug/l	1264050	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	98
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	91
3		Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	68
4		3-Carene	136	C10H16	013466-78-9	49
5		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	47



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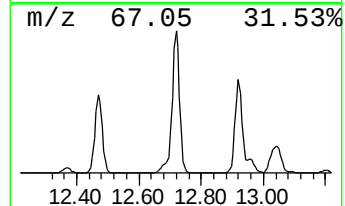
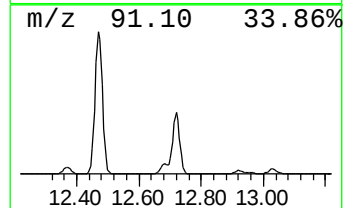
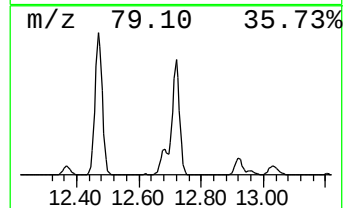
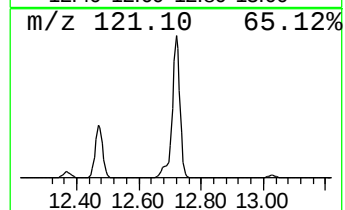
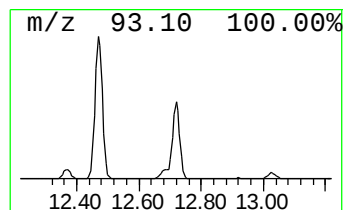
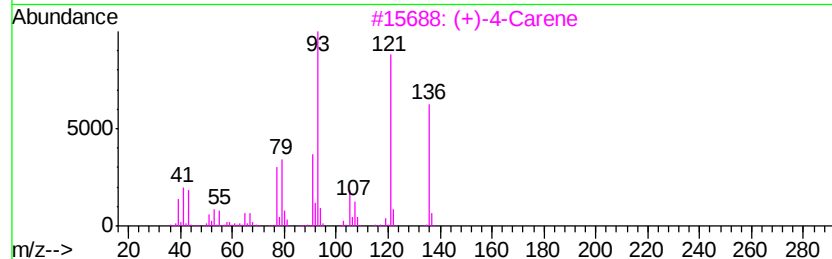
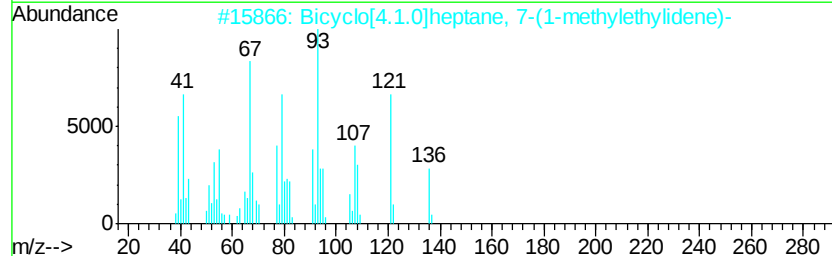
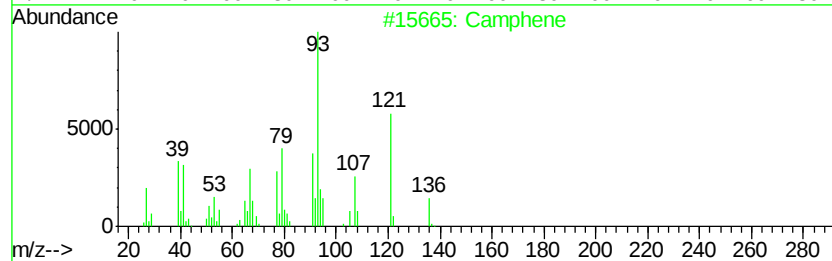
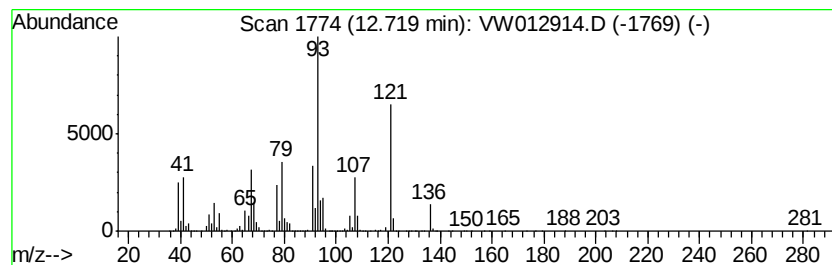
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Quant Title : SW846 8260

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

Peak Number 3 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	817.34 ug/l	10468400	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene		136	C10H16	000079-92-5	95
2	Bicyclo[4.1.0]heptane, 7-(1-meth...		136	C10H16	053282-47-6	76
3	(+)-4-Carene		136	C10H16	029050-33-7	74
4	Cyclohexene, 1-methyl-4-(1-methv...		136	C10H16	000586-62-9	74
5	2-Carene		136	C10H16	000554-61-0	74



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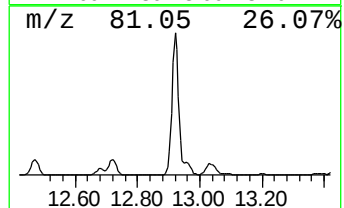
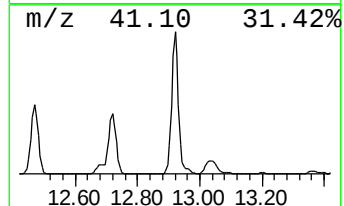
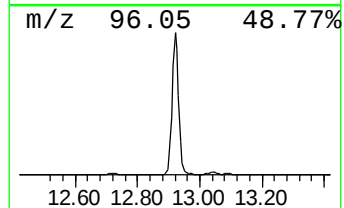
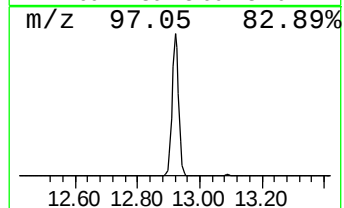
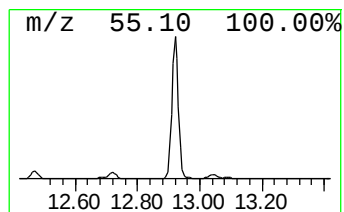
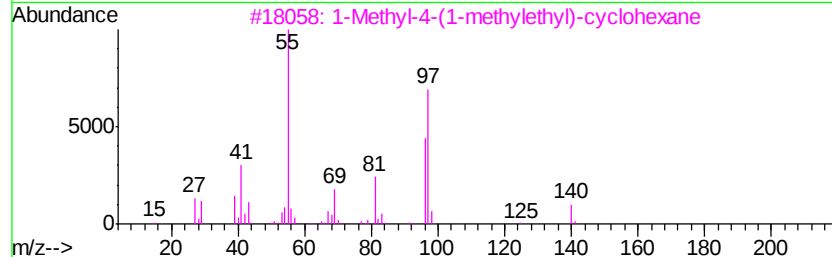
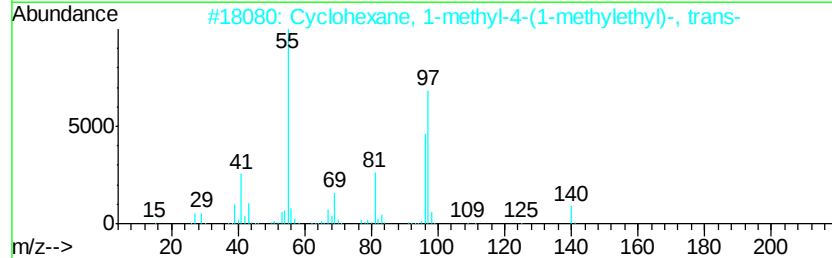
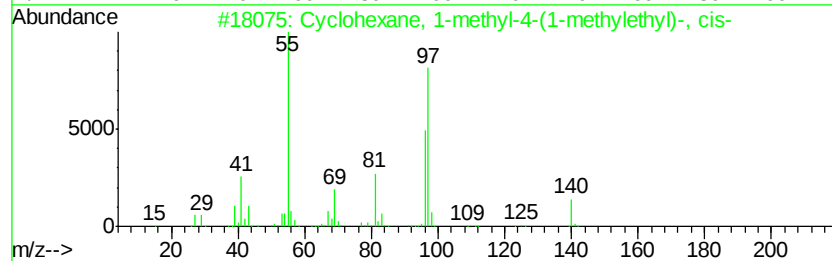
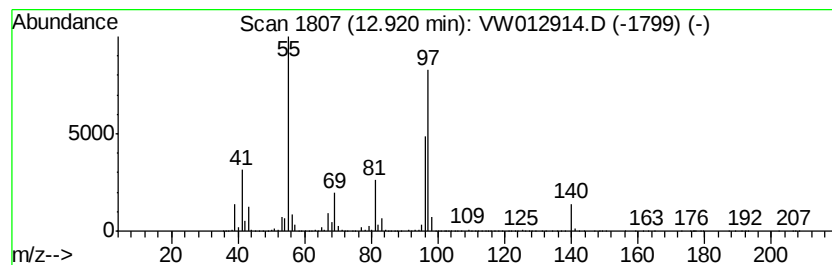
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Peak Number 4 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	1253.97 ug/l	16060900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	95
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	94
4		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
5		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	90



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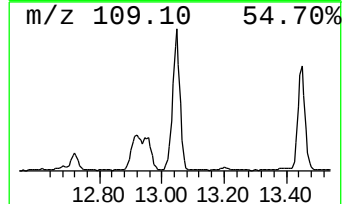
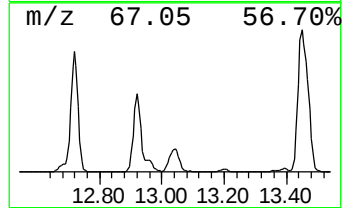
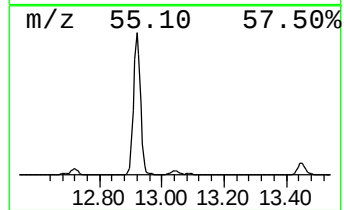
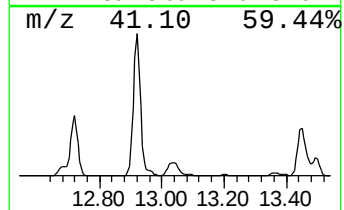
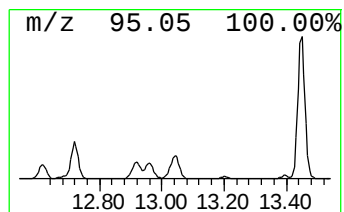
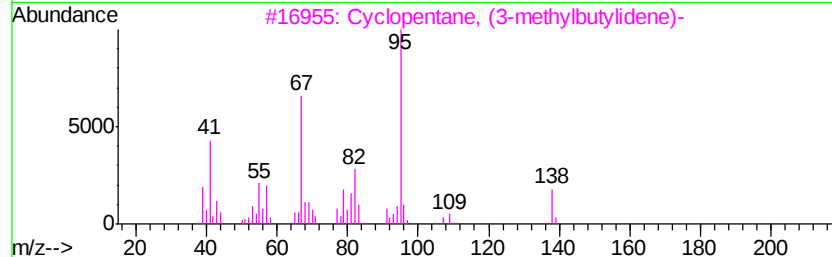
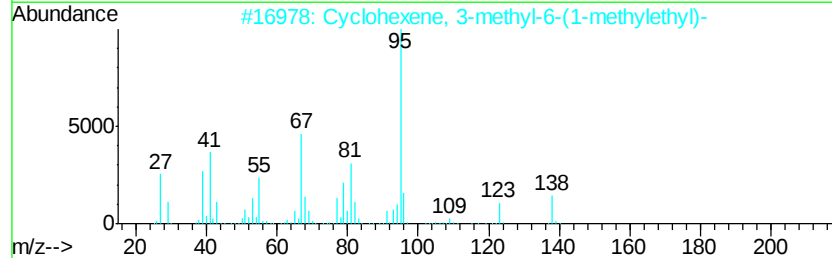
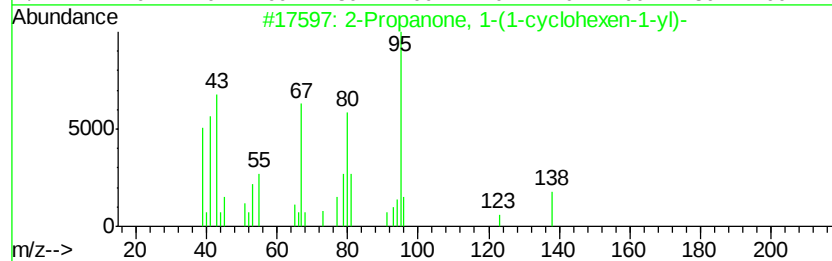
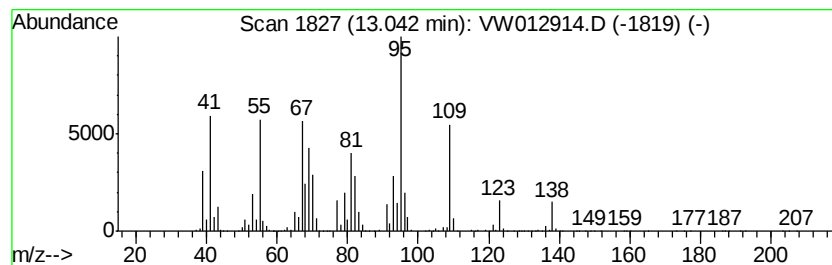
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Peak Number 5 2-Propanone, 1-(1-cyclohexe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	161.05 ug/l	2062770	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O		000768-50-3	60
2	Cyclohexene, 3-methyl-6-(1-methyl-...	138	C10H18		005256-65-5	58
3	Cyclopentane, (3-methylbutylidene)-	138	C10H18		053366-51-1	52
4	4-Ethyl-2-hexynal	124	C8H12O		071932-97-3	52
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18		020536-40-7	49



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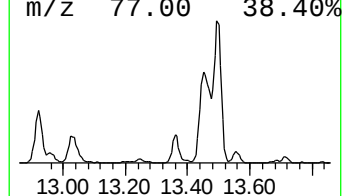
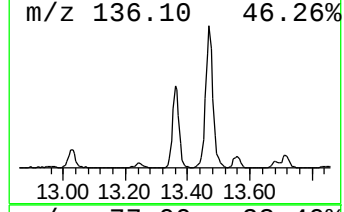
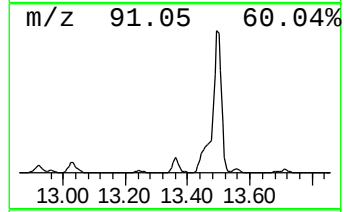
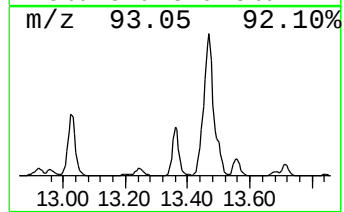
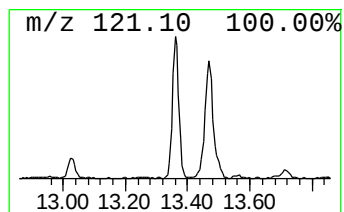
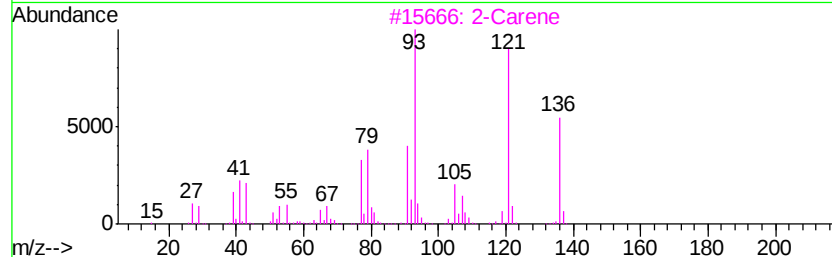
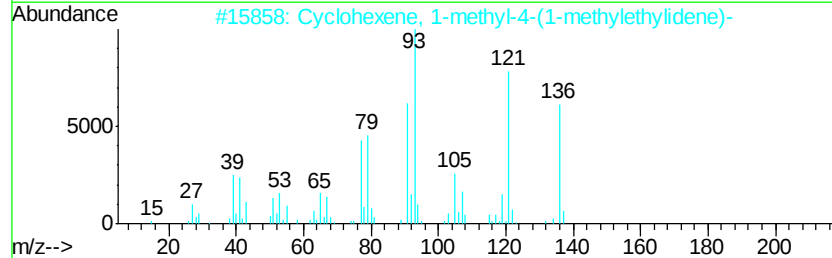
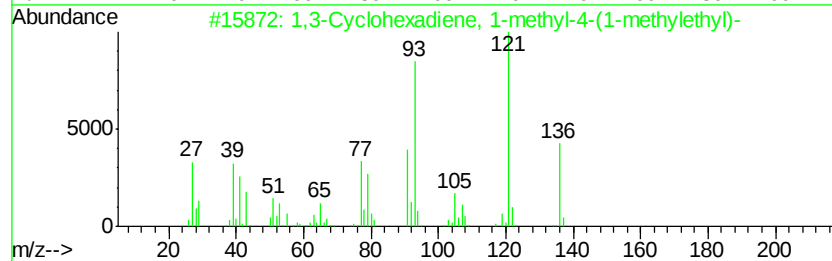
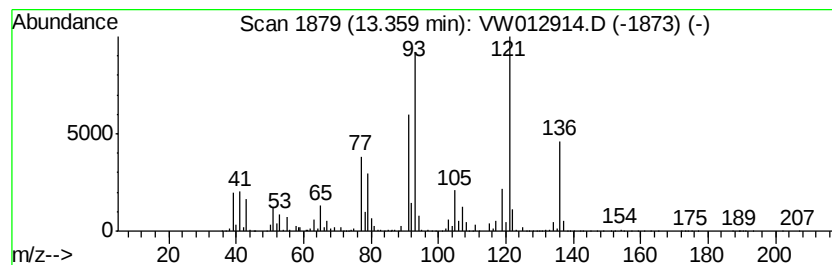
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 6 1,3-Cyclohexadiene, 1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	70.40 ug/l	901635	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	96	
2	Cyclohexene, 1-methyl-4-(1-methyl...	136	C10H16	000586-62-9	95	
3	2-Carene	136	C10H16	000554-61-0	93	
4	(+)-2-Carene	136	C10H16	1000149-94-6	90	
5	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	87	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091119\
Data File : VW012914.D
Acq On : 11 Sep 2019 13:52
Operator : SY/VA
Sample : K4625-01
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

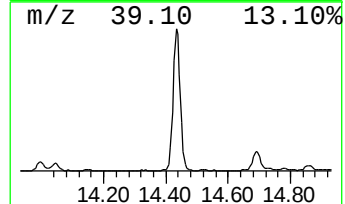
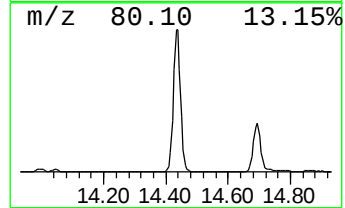
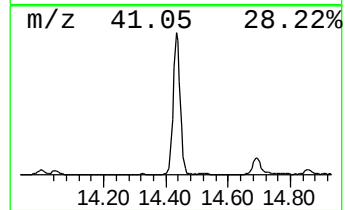
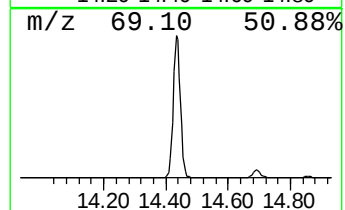
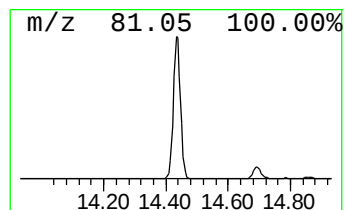
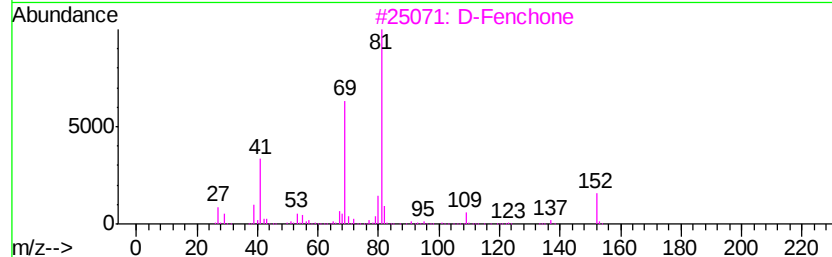
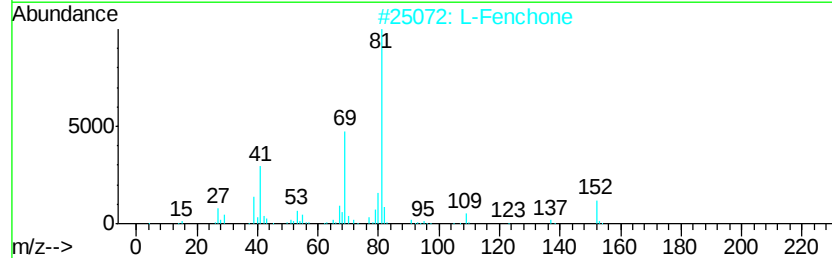
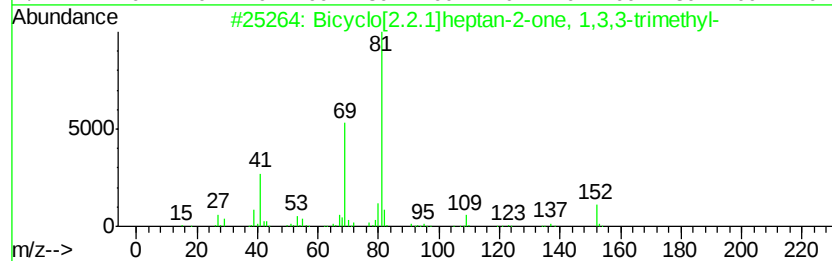
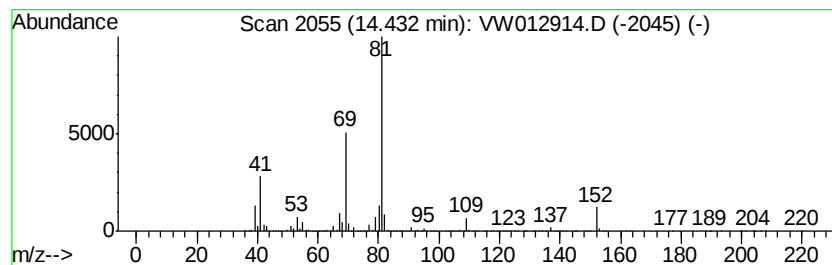
Instrument :
MSVOA_W
ClientSampleId :
HF-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	455.62 ug/l	5835590	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	001195-79-5 95
2		L-Fenchone	152 C10H16O	007787-20-4 95
3		D-Fenchone	152 C10H16O	004695-62-9 94
4		2,4-Decadienal, (E,E)-	152 C10H16O	025152-84-5 59
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091119\
Data File : VW012914.D
Acq On : 11 Sep 2019 13:52
Operator : SY/VA
Sample : K4625-01
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HF-01

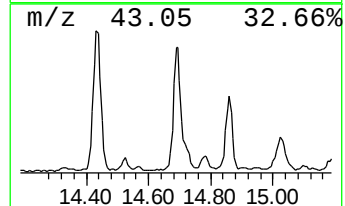
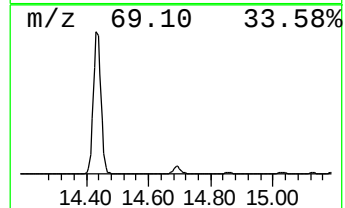
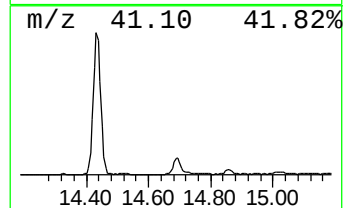
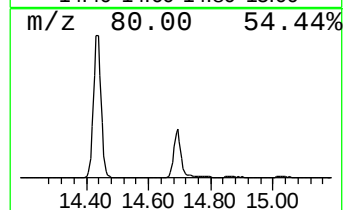
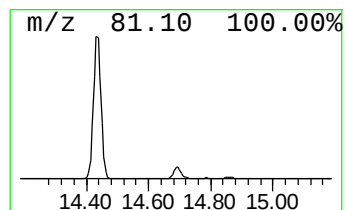
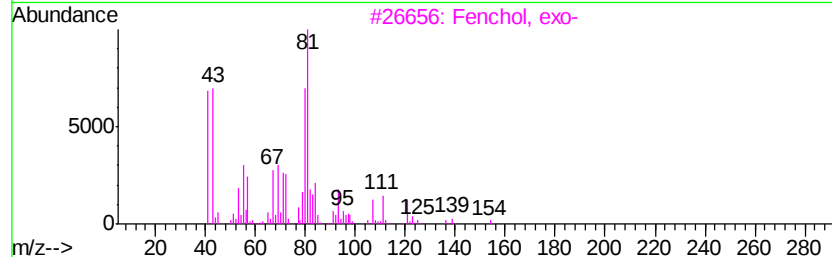
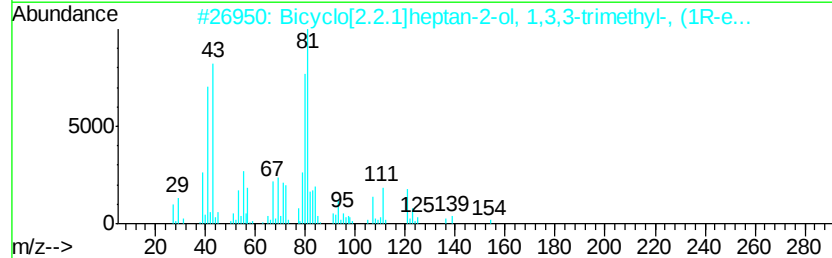
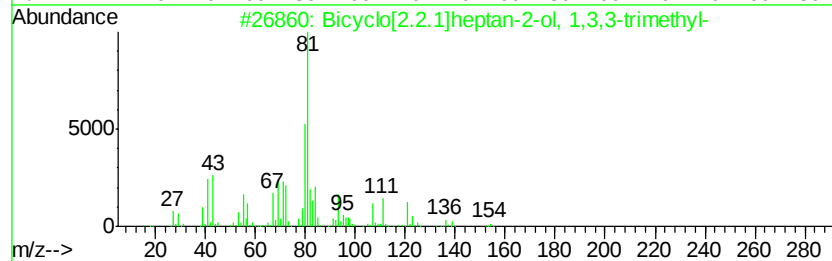
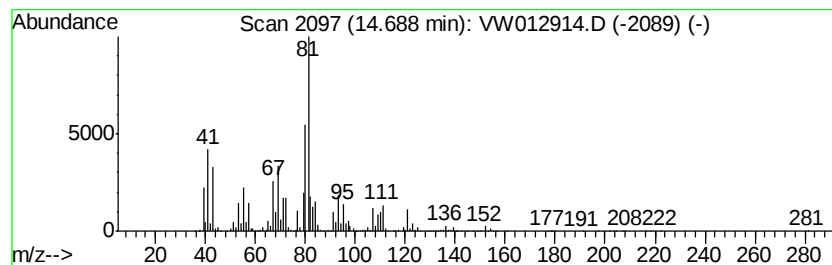
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 10 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	87.21 ug/l	1116940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	96
2		Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	95
3		Fenchol, exo-	154	C10H18O	022627-95-8	86
4		Trifluoroacetyl-.alpha.-fenchol	250	C12H17F3O2	031076-73-0	52
5		Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
Data File : VW012914.D
Acq On : 11 Sep 2019 13:52
Operator : SY/VA
Sample : K4625-01
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HF-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.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
Tricyclo[2.2.1.0](...	12.37	52.6	ug/l	874795	3	11.63	830746	50.0
Bicyclo[2.2.1]hep...	12.68	98.7	ug/l	1264050	4	13.56	640399	50.0
Camphene	12.72	817.3	ug/l	10468400	4	13.56	640399	50.0
Cyclohexane, 1-me...	12.92	1254.0	ug/l	16060900	4	13.56	640399	50.0
2-Propanone, 1-(1...	13.04	161.1	ug/l	2062770	4	13.56	640399	50.0
1,3-Cyclohexadien...	13.36	70.4	ug/l	901635	4	13.56	640399	50.0
Cyclohexene, 1-me...	14.00	32.9	ug/l	421275	4	13.56	640399	50.0
Bicyclo[2.2.1]hep...	14.43	455.6	ug/l	5835590	4	13.56	640399	50.0
Bicyclo[2.2.1]hep...	14.69	87.2	ug/l	1116940	4	13.56	640399	50.0