

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010470.D
 Acq On : 21 May 2019 01:54
 Operator : SY/VA
 Sample : K2943-18
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB-1-4FT

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\82W052019S.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	4.123	355	364	374	rBV	27136	73327	1.23%	0.626%
2	7.885	972	981	986	rBV2	99642	233841	3.94%	1.996%
3	7.946	986	991	1004	rVB	160521	355892	5.99%	3.038%
4	8.305	1039	1050	1060	rBV	91801	199570	3.36%	1.704%
5	8.842	1127	1138	1151	rBV	252987	505176	8.51%	4.313%
6	10.323	1373	1381	1388	rBV	405678	719069	12.11%	6.139%
7	11.634	1588	1596	1605	rBV	334690	578200	9.74%	4.936%
8	12.475	1722	1734	1744	rBV	232826	400427	6.74%	3.419%
9	12.621	1750	1758	1764	rBV	270895	457693	7.71%	3.907%
10	12.719	1764	1774	1782	rVB	237262	428216	7.21%	3.656%
11	13.030	1818	1825	1832	rVB	129722	214506	3.61%	1.831%
12	13.469	1892	1897	1906	rVV2	138336	254924	4.29%	2.176%
13	13.560	1906	1912	1918	rVV	336782	536439	9.03%	4.580%
14	13.621	1918	1922	1932	rVB3	42822	71336	1.20%	0.609%
15	14.438	2050	2056	2064	rBV	64174	104796	1.76%	0.895%
16	15.072	2152	2160	2171	rBV	312542	542479	9.13%	4.631%
17	15.176	2171	2177	2185	rVB	58740	98664	1.66%	0.842%
18	16.103	2319	2329	2341	rBV	3135778	5938809	100.00%	50.701%

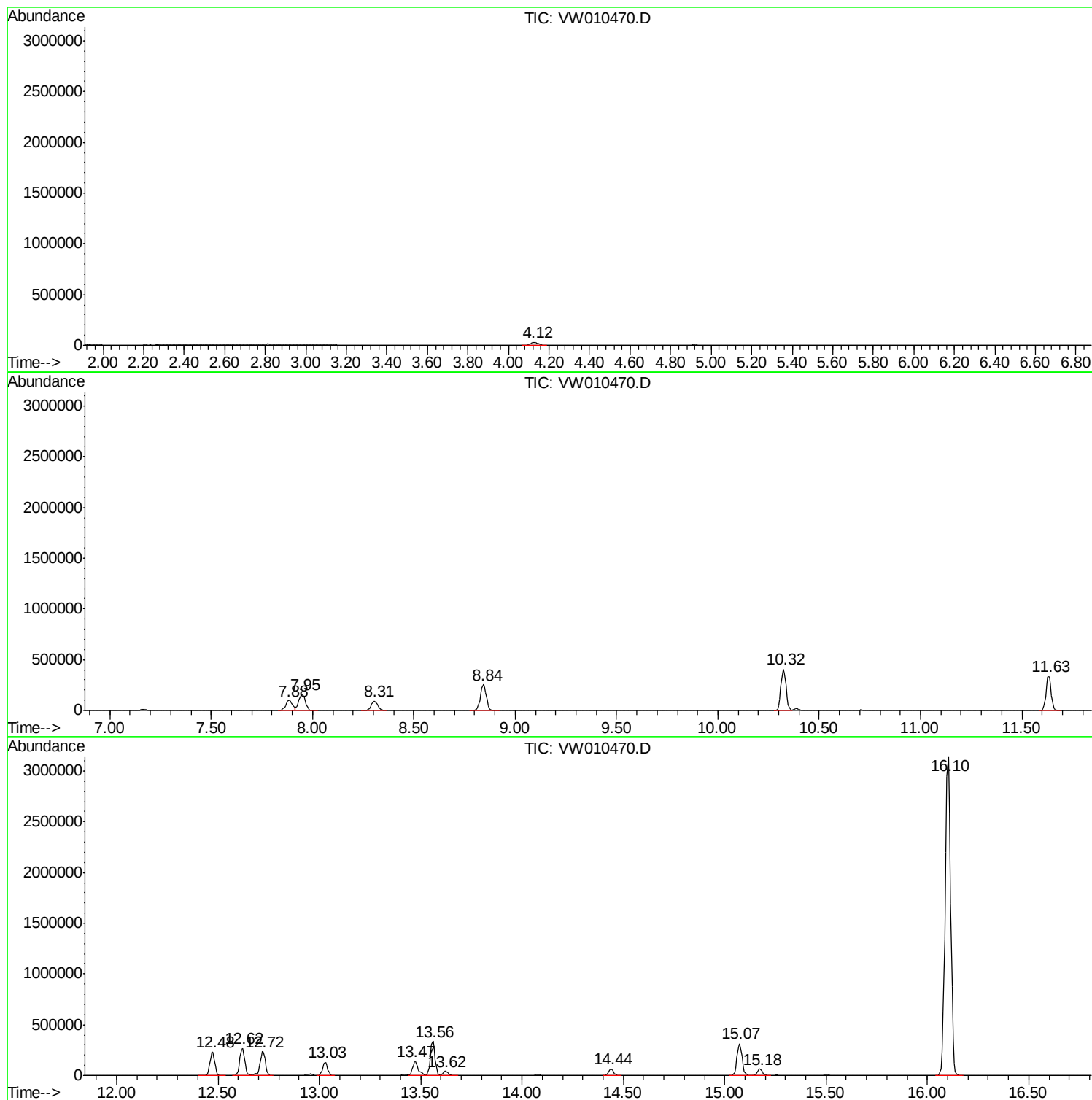
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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



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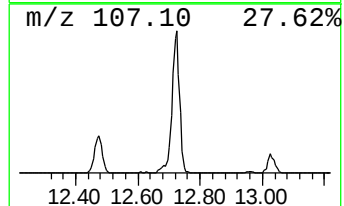
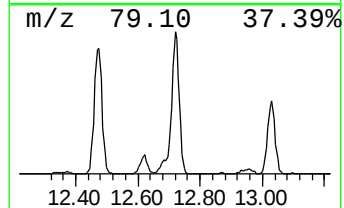
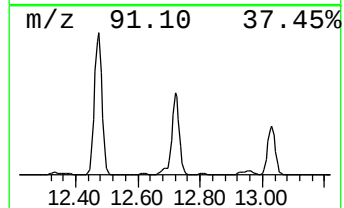
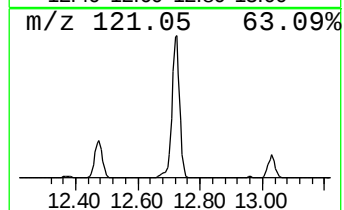
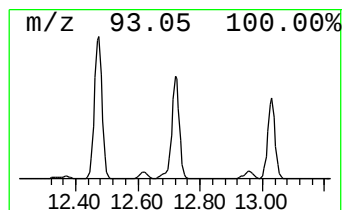
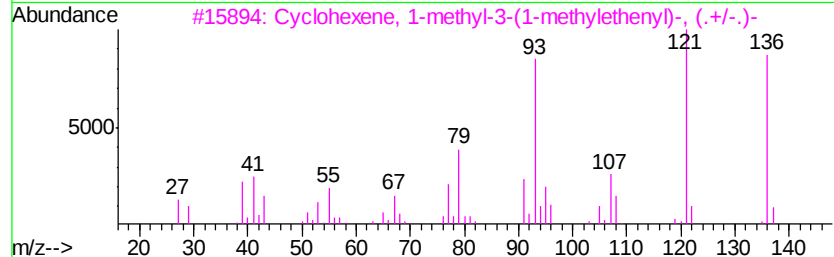
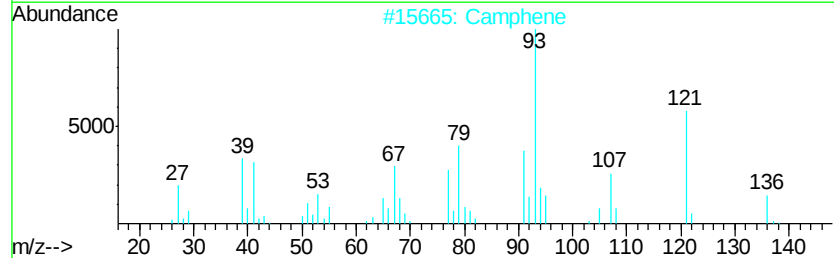
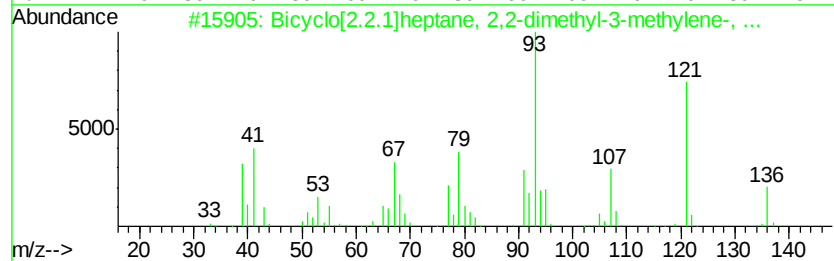
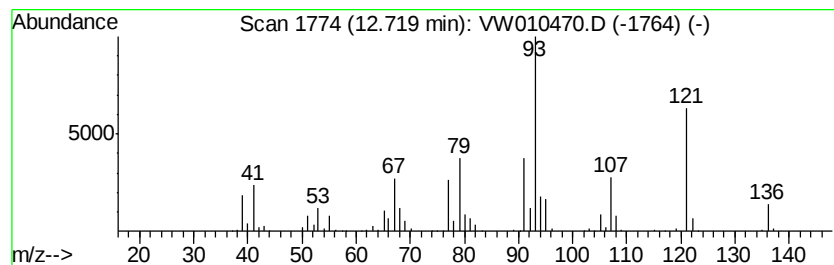
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	39.91 ug/l	428216	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-04-7 97
2		Camphene	136 C10H16	000079-92-5 97
3		Cyclohexene, 1-methyl-3-(1-methyl...	136 C10H16	000499-03-6 90
4		1,3,6-Heptatriene, 2,5,5-trimethyl-	136 C10H16	029548-02-5 87
5		Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136 C10H16	000464-17-5 74



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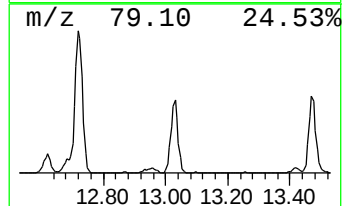
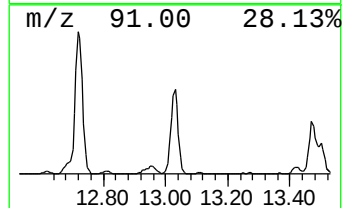
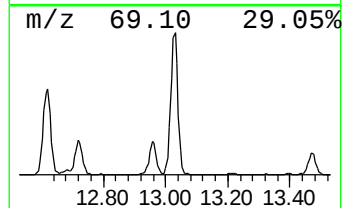
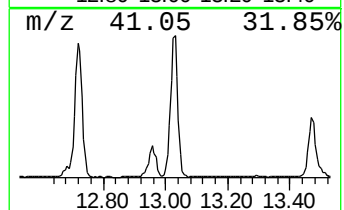
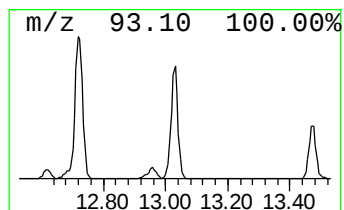
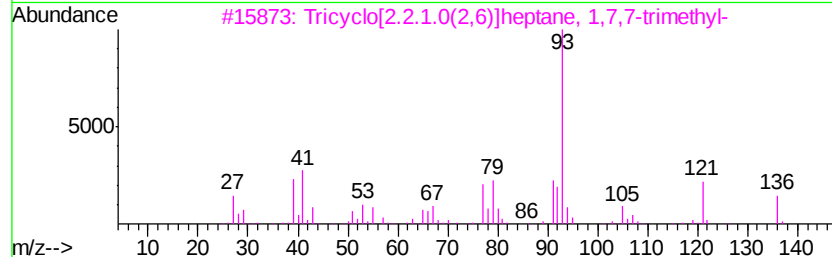
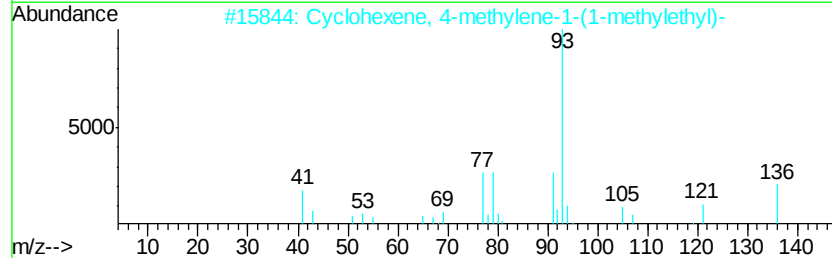
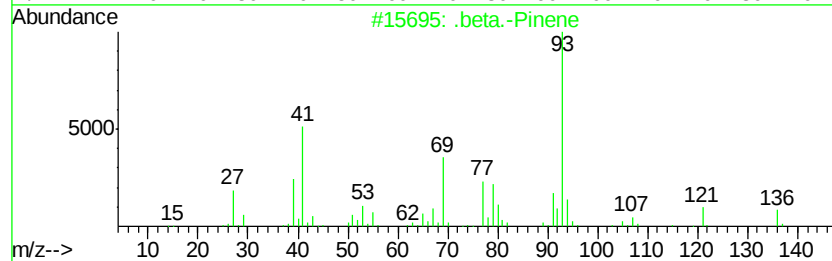
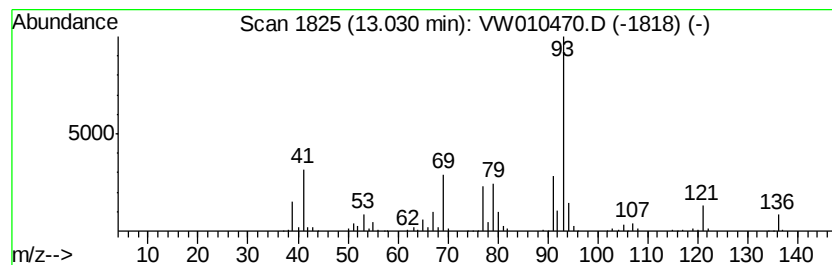
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ClientSampleId :
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 2 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	19.99 ug/l	214506	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 95
2		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136 C10H16	000508-32-7 91
4		.alpha.-Pinene	136 C10H16	000080-56-8 91
5		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 90



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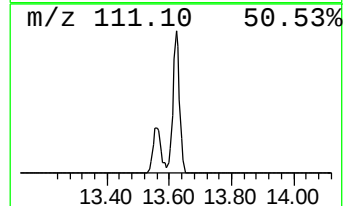
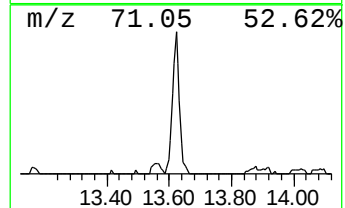
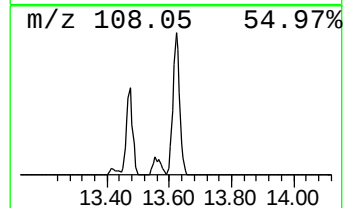
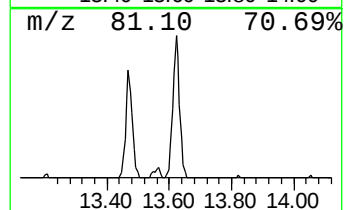
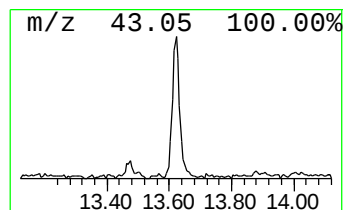
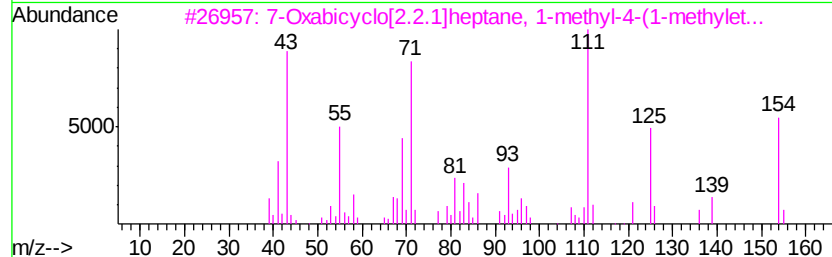
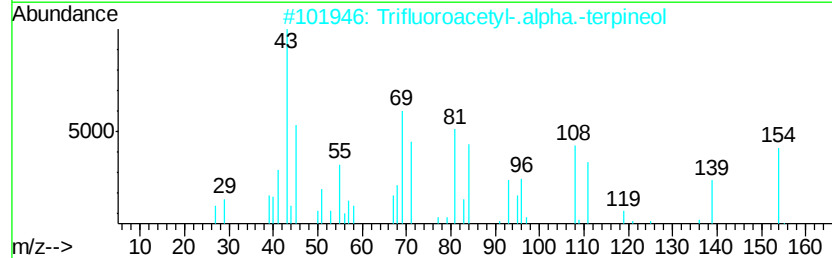
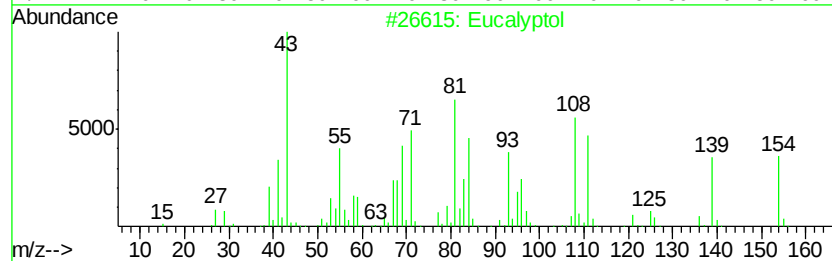
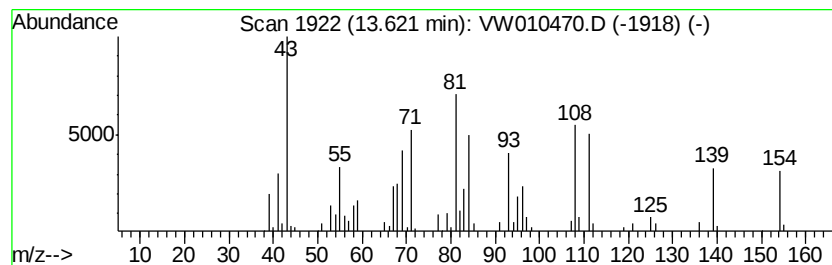
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	6.65 ug/l	71336	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol		154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol		250	C12H17F3O2	1000058-17-6	43
3	7-Oxabicyclo[2.2.1]heptane, 1-me...		154	C10H18O	000470-67-7	38
4	1-Methylbicyclo[2.2.1]heptan-exo...		126	C8H14O	1000138-89-9	35
5	2-Isopropyl-5-methylhex-2-enal		154	C10H18O	035158-25-9	25



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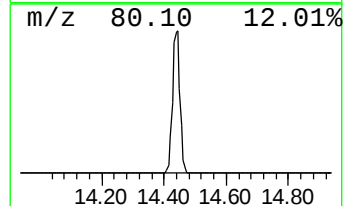
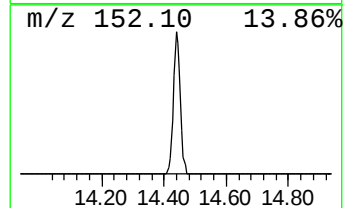
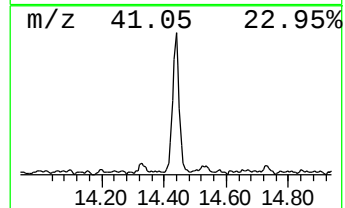
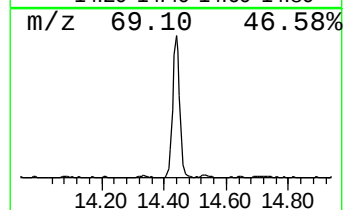
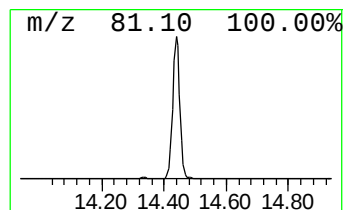
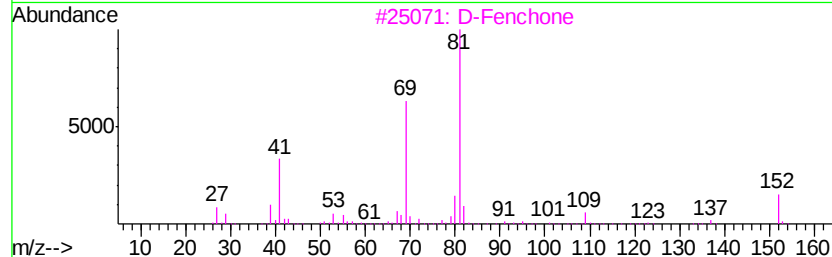
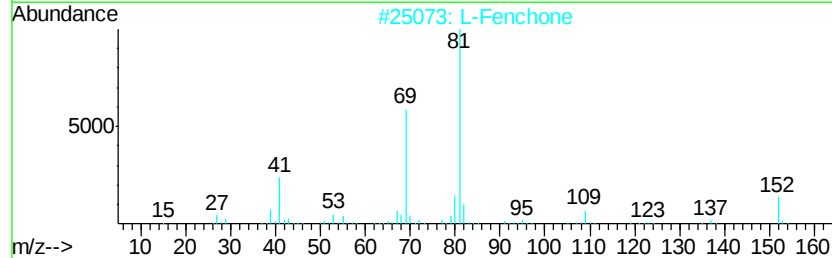
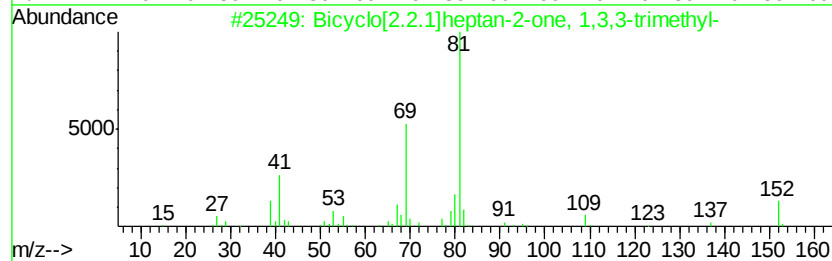
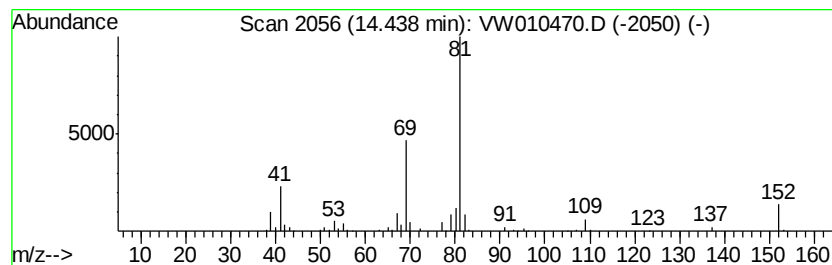
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Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	9.77 ug/l	104796	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	94
3	D-Fenchone	152	C10H16O	004695-62-9	94
4	Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	36
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	36



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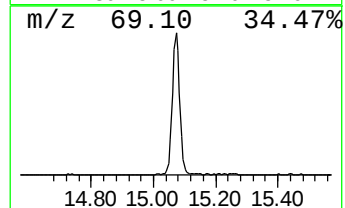
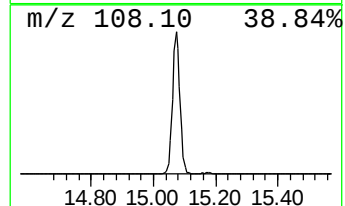
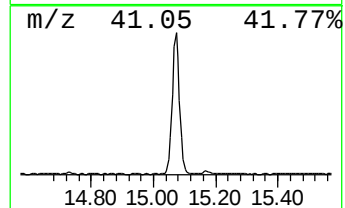
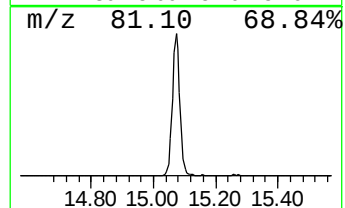
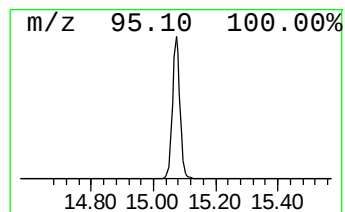
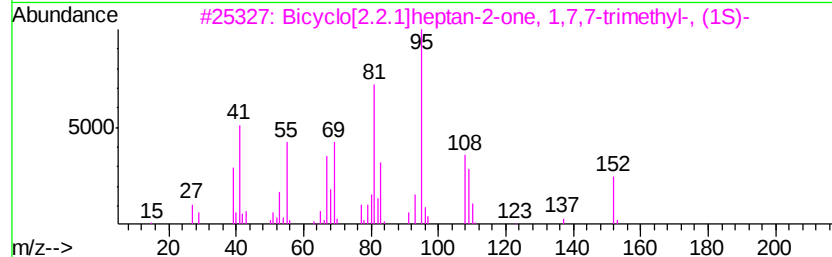
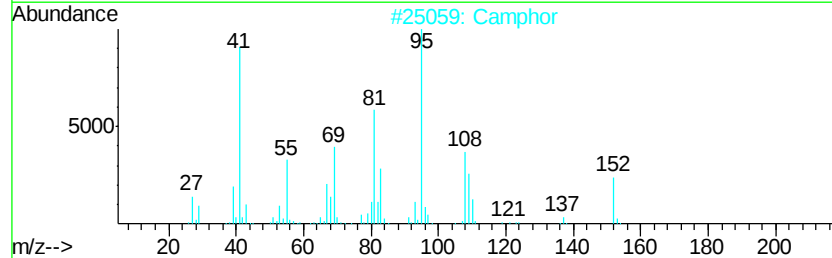
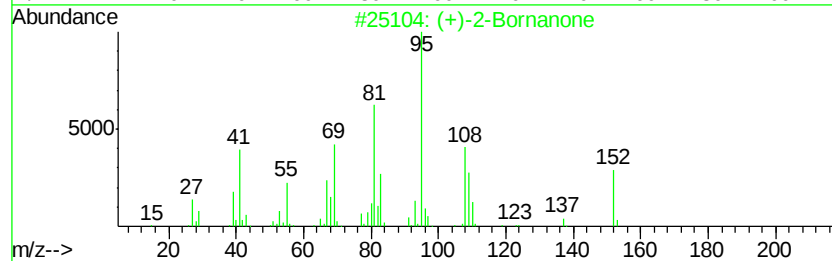
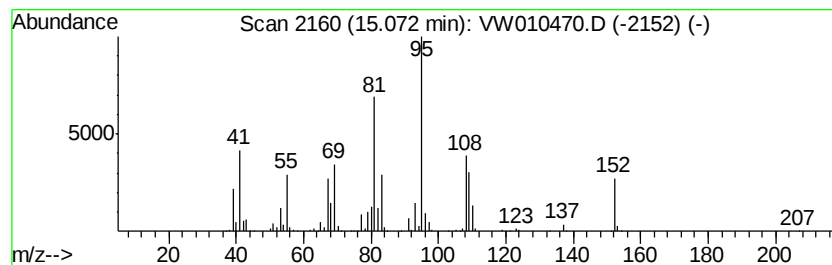
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	50.56 ug/l	542479	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-2-Bornanone	152 C10H16O	000464-49-3 98
2		Camphor	152 C10H16O	000076-22-2 98
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 98
4		5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3 49
5		2-Butanone, 4-(5-methyl-2-furanyl)-	152 C9H12O2	013679-56-6 46



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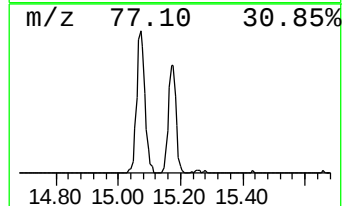
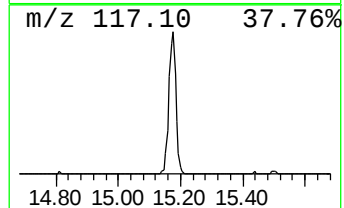
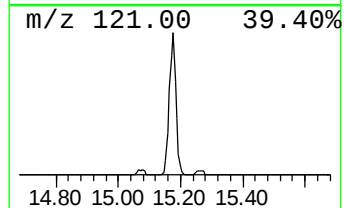
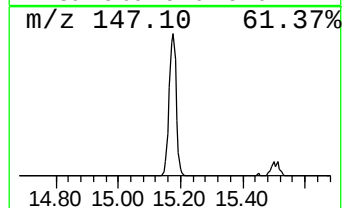
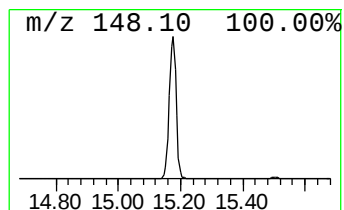
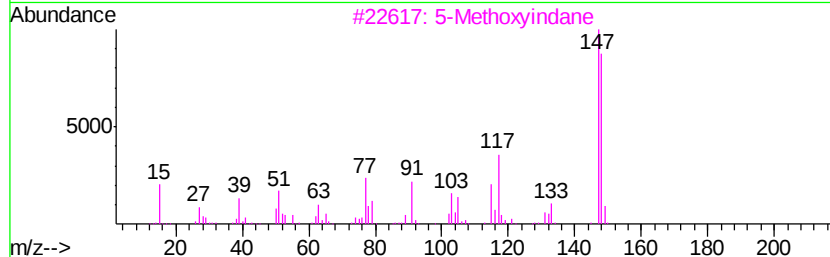
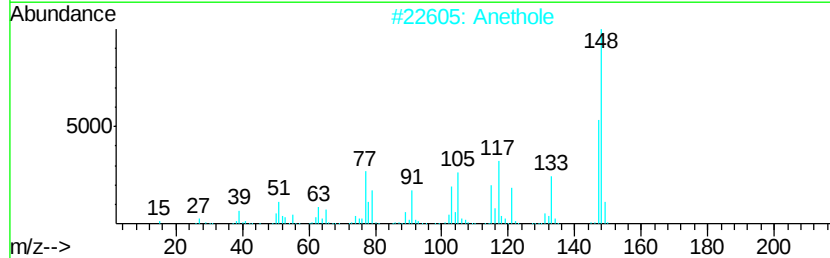
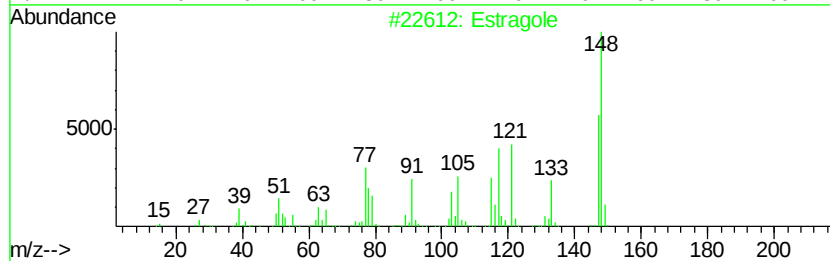
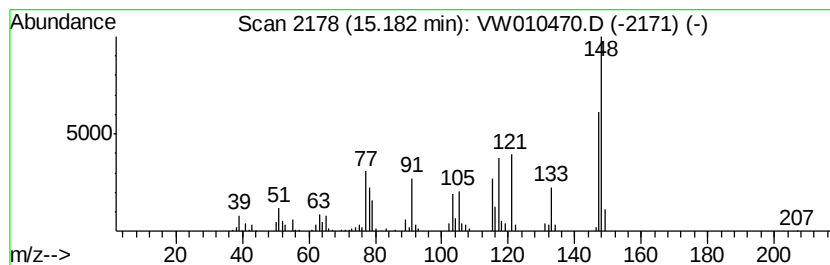
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Quant Title : SW846 8260

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

Peak Number 6 Estragole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.20 ug/l	98664	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estragole		148	C10H12O	000140-67-0	98
2	Anethole		148	C10H12O	000104-46-1	96
3	5-Methoxvindane		148	C10H12O	1000342-73-8	62
4	5-Methyl-2-allylphenol		148	C10H12O	1000306-52-5	49
5	Benzene, (1-propynylthio)-		148	C9H8S	006212-77-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
Data File : VW010470.D
Acq On : 21 May 2019 01:54
Operator : SY/VA
Sample : K2943-18
Misc : 6.72G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB-1-4FT

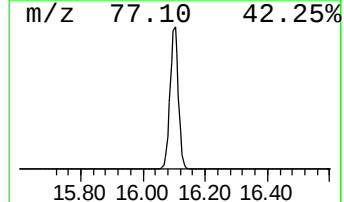
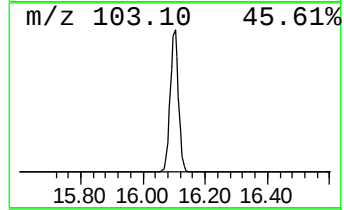
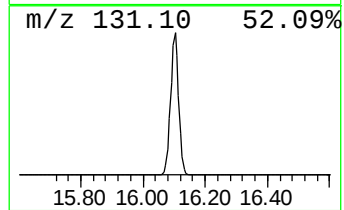
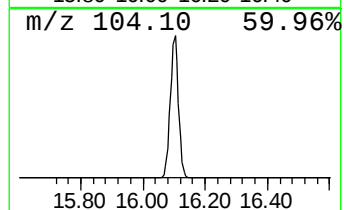
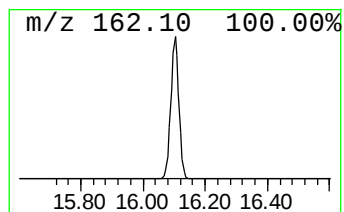
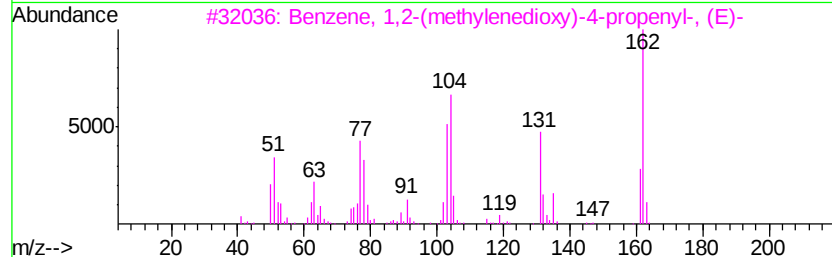
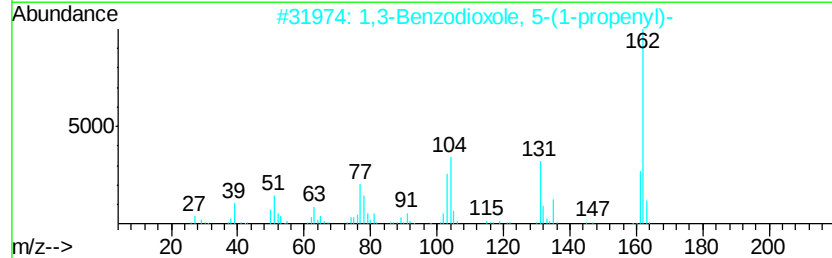
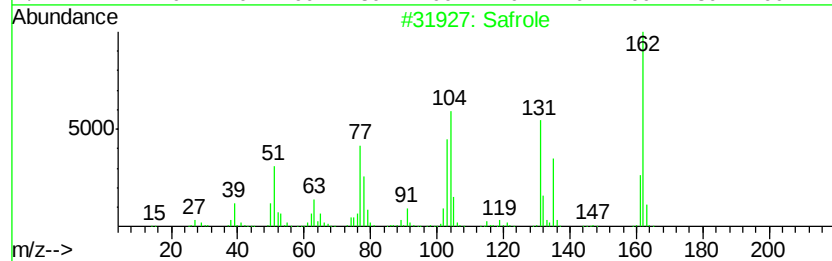
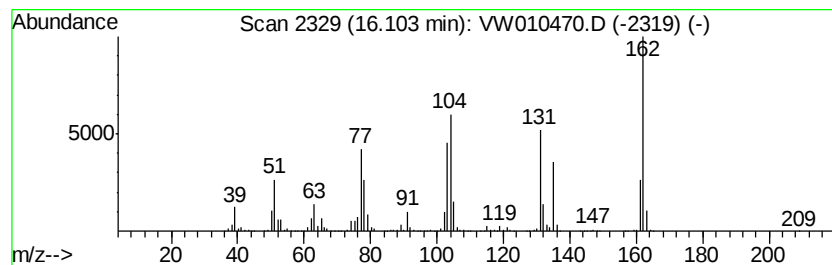
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 7 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	553.54 ug/l	5938810	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Safrole	162	C10H10O2	000094-59-7	98
2		1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
3		Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	95
4		1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	95
5		1H-Isoindole-1,3(2H)-dione, 2-am...	162	C8H6N2O2	001875-48-5	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052019\
Data File : VW010470.D
Acq On : 21 May 2019 01:54
Operator : SY/VA
Sample : K2943-18
Misc : 6.72G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB-1-4FT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.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
Bicyclo[2.2.1]hep...	12.72	39.9	ug/l	428216	4	13.56	536439	50.0
.beta.-Pinene	13.03	20.0	ug/l	214506	4	13.56	536439	50.0
Eucalyptol	13.62	6.7	ug/l	71336	4	13.56	536439	50.0
Bicyclo[2.2.1]hep...	14.44	9.8	ug/l	104796	4	13.56	536439	50.0
(+)-2-Bornanone	15.07	50.6	ug/l	542479	4	13.56	536439	50.0
Estragole	15.18	9.2	ug/l	98664	4	13.56	536439	50.0
Safole	16.10	553.5	ug/l	5938810	4	13.56	536439	50.0