

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005487.D
 Acq On : 18 Sep 2018 18:47
 Operator : SY/AP
 Sample : J4944-01
 Misc : 7.69G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

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\82W091618S.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	7.896	974	983	987	rBV3	9438	22702	1.27%	0.399%
2	7.957	987	993	1004	rVB	20251	46326	2.59%	0.814%
3	8.317	1043	1052	1064	rBV	11939	27400	1.53%	0.482%
4	8.854	1128	1140	1147	rBV	28178	63102	3.53%	1.109%
5	10.329	1374	1382	1390	rBV	28312	54472	3.05%	0.957%
6	11.640	1590	1597	1607	rVB	29677	54429	3.04%	0.957%
7	12.481	1728	1735	1741	rBV	116410	197545	11.05%	3.472%
8	12.627	1742	1759	1781	rBV5	146687	755366	42.25%	13.278%
9	13.030	1821	1825	1841	rVB2	28655	64328	3.60%	1.131%
10	13.481	1895	1899	1909	rVB6	23831	50400	2.82%	0.886%
11	13.731	1922	1940	1962	rVB2	187883	952781	53.29%	16.748%
12	14.231	2003	2022	2035	rBV3	405011	1787979	100.00%	31.429%
13	14.548	2064	2074	2096	rVB5	287307	1453145	81.27%	25.543%
14	14.974	2140	2144	2155	rVB4	57043	159023	8.89%	2.795%

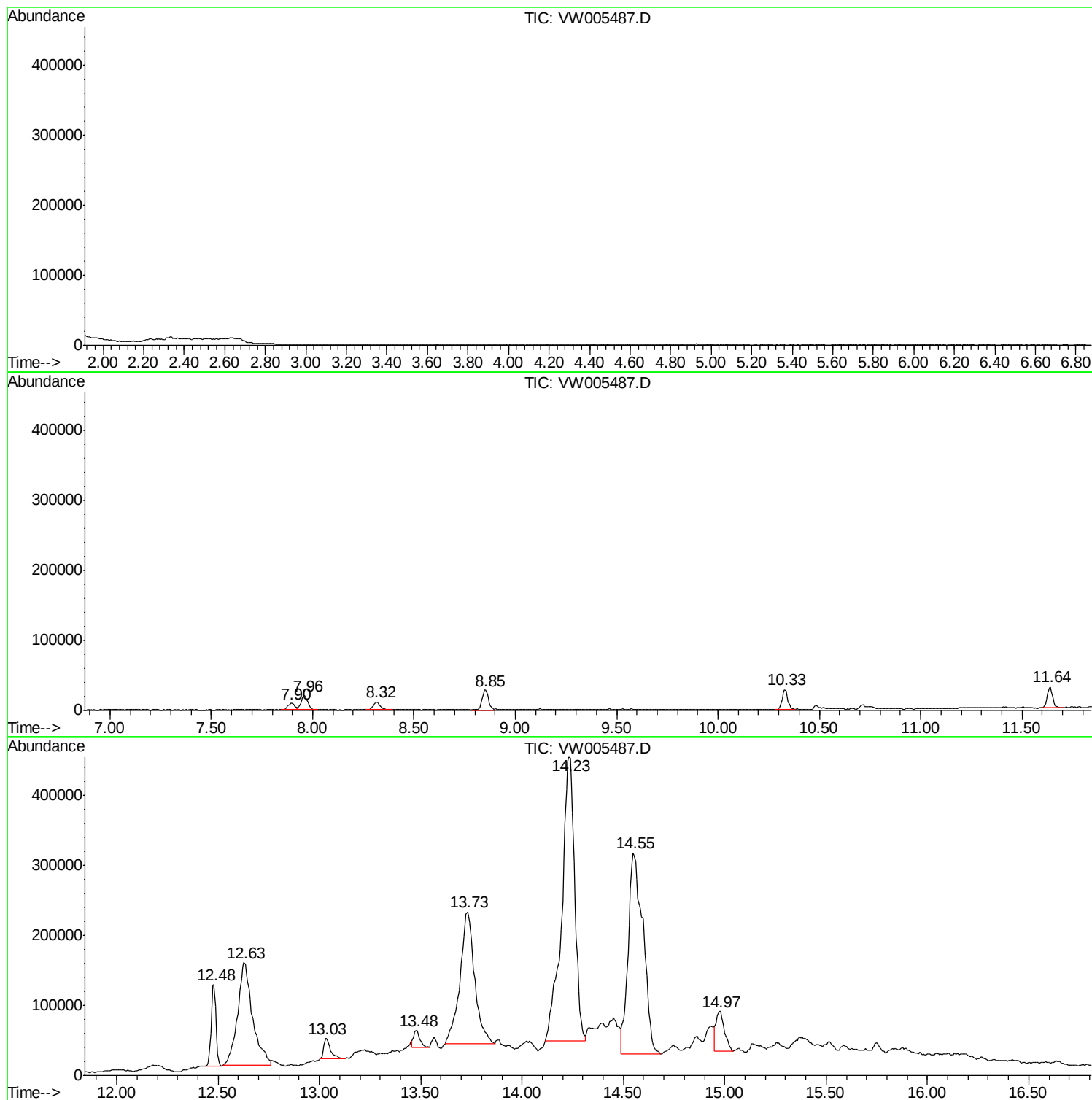
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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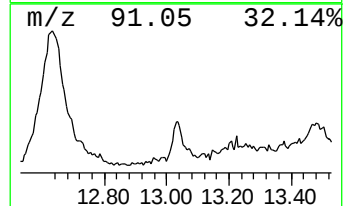
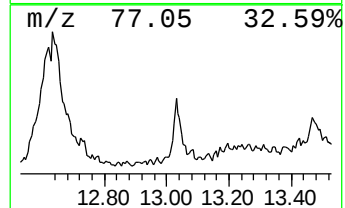
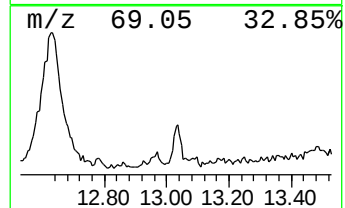
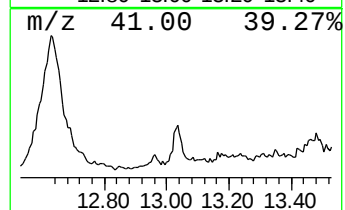
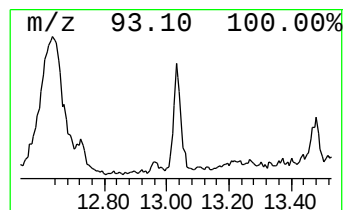
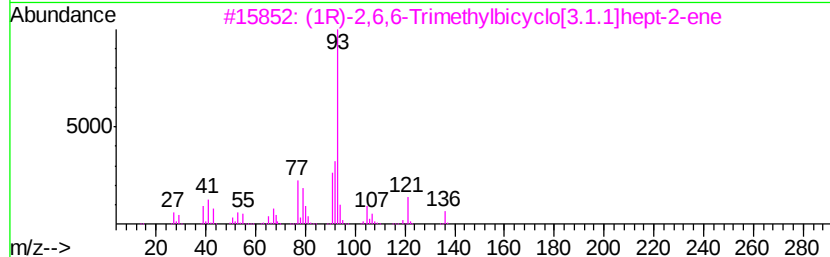
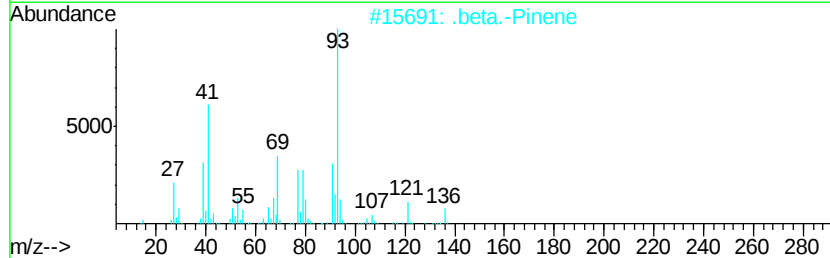
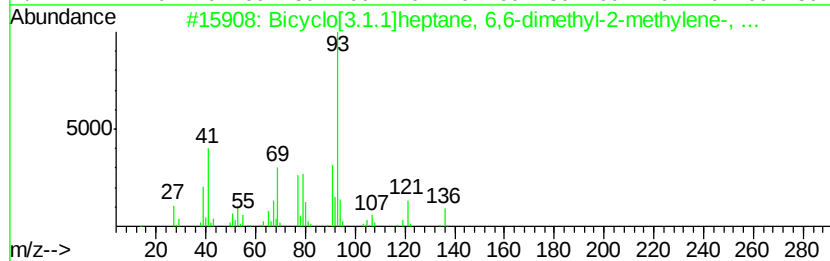
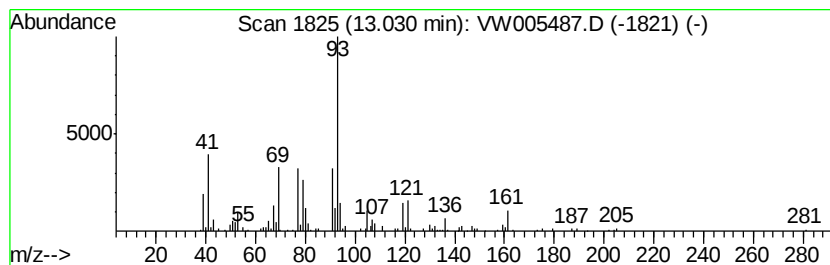
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	63.82 ug/l	64328	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	87
2		.beta.-Pinene	136	C10H16	000127-91-3	87
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	81
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-dimethyl-	136	C10H16	004889-83-2	81
5		.beta.-Phellandrene	136	C10H16	000555-10-2	81



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ALS Vial : 15 Sample Multiplier: 1

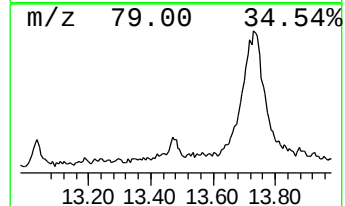
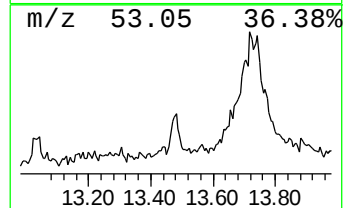
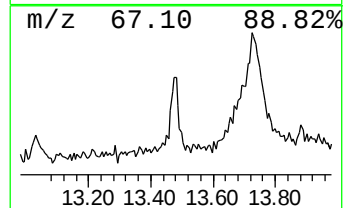
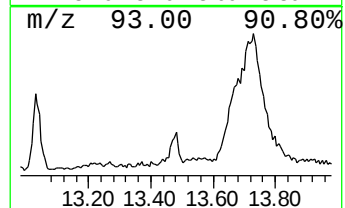
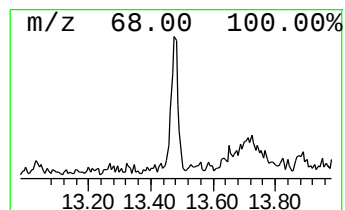
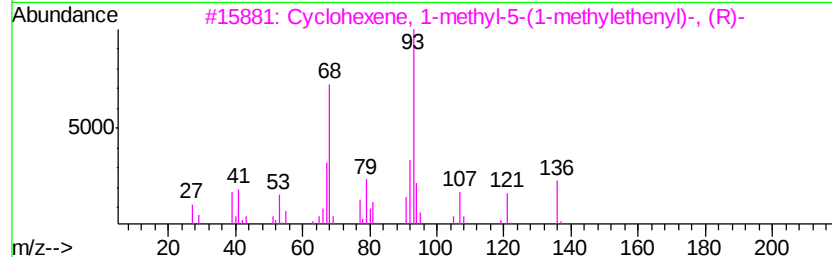
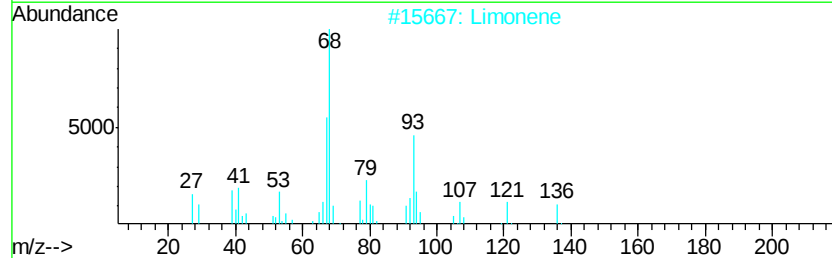
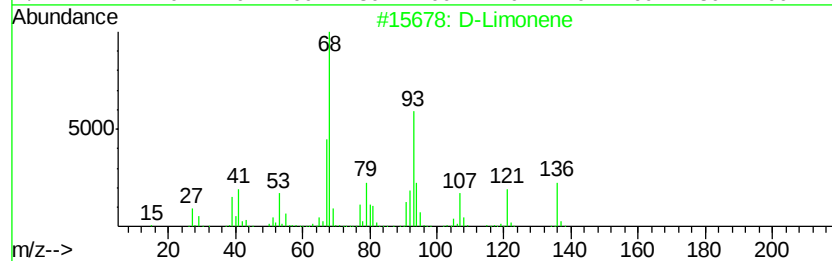
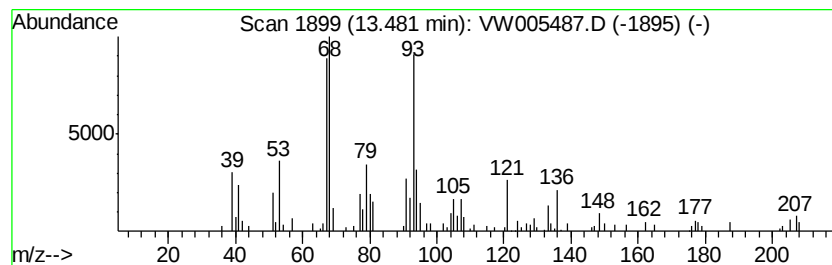
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	50.00 ug/l	50400	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	89
2	Limonene	136 C10H16	000138-86-3	64
3	Cyclohexene, 1-methyl-5-(1-methyl...	136 C10H16	001461-27-4	53
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136 C10H16	001743-61-9	52
5	Cyclohexanol, 1-methyl-4-(1-methyl...	196 C12H20O2	010198-23-9	47



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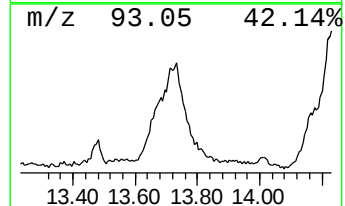
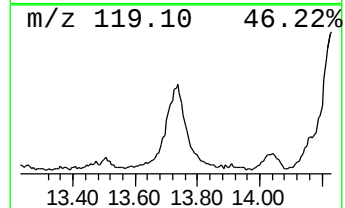
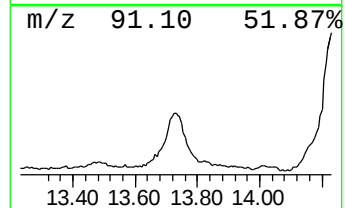
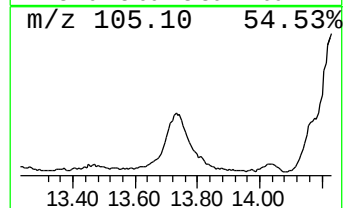
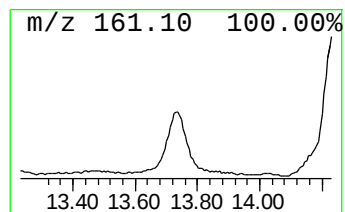
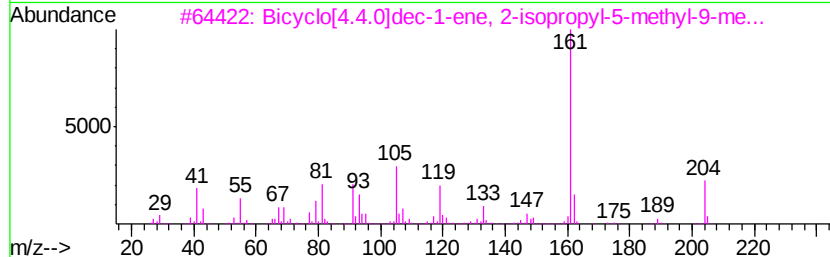
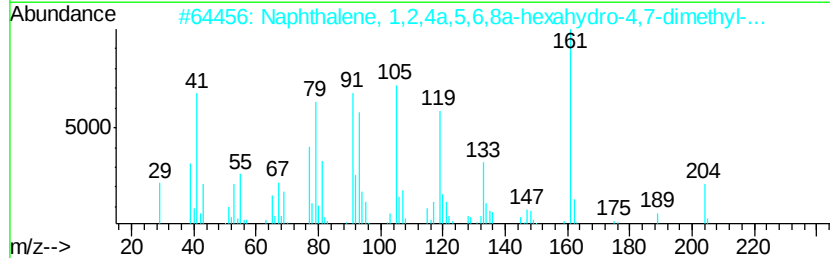
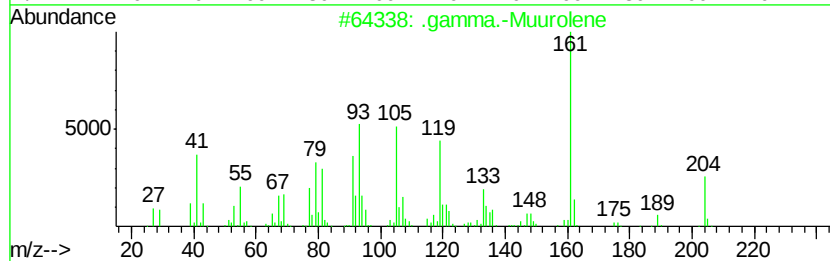
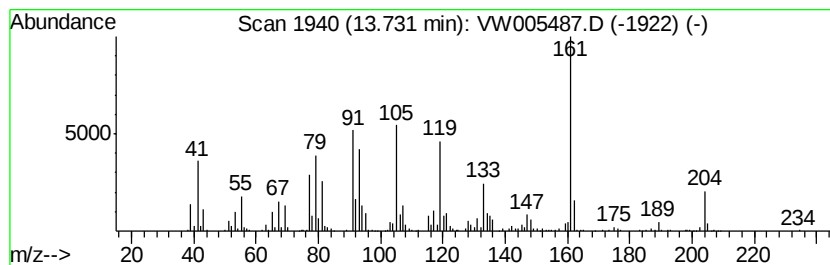
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Peak Number 3 .gamma.-Murolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	945.22 ug/l	952781	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Murolene	204 C15H24	030021-74-0 95
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	000483-75-0 95
3		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 92
4		1,6-Cyclodecadiene, 1-methyl-5-m...	204 C15H24	023986-74-5 91
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	039029-41-9 91



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Instrument :
MSVOA_W
ClientSampled :
RB48377RT

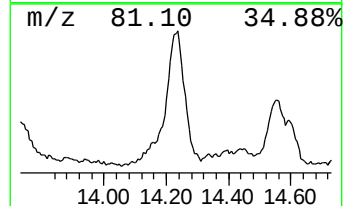
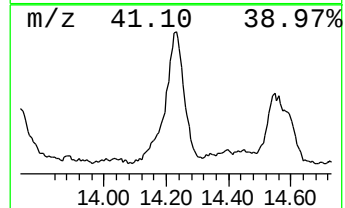
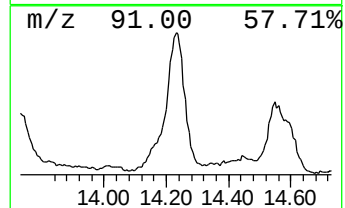
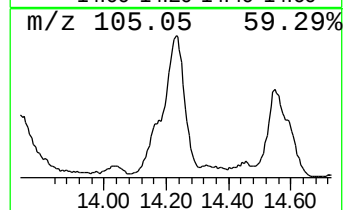
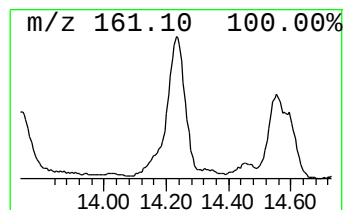
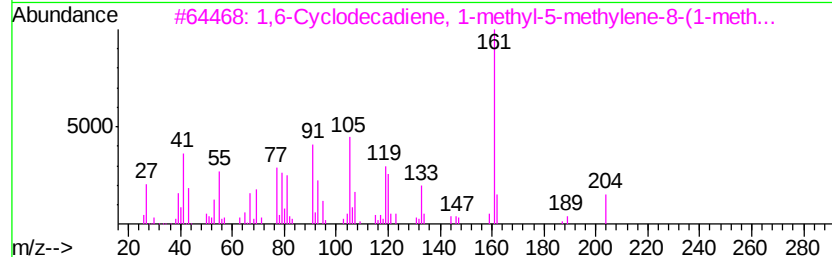
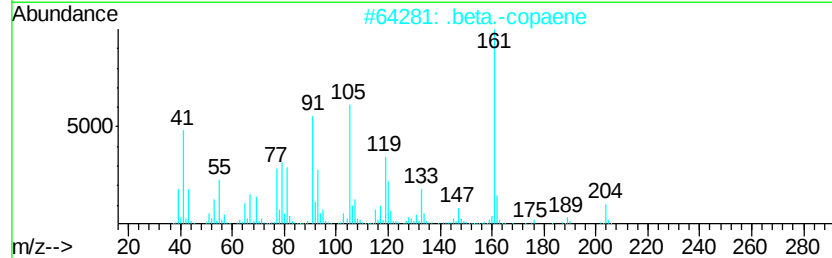
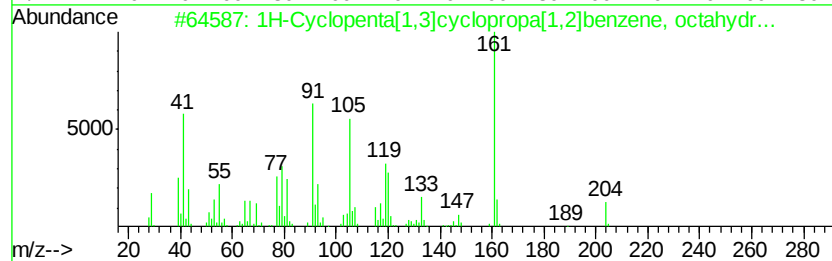
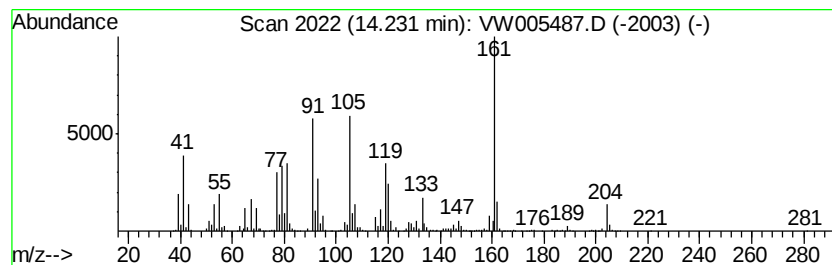
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	1773.79 ug/l	1787980	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204	C15H24	013744-15-5	96
2		.beta.-copaene	204	C15H24	1000374-18-9	95
3		1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	93
4		(+)-epi-Bicyclosquiphellandrene	204	C15H24	054274-73-6	93
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	90



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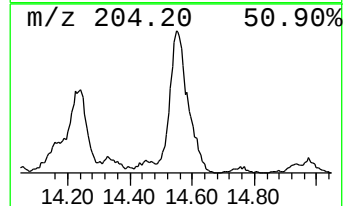
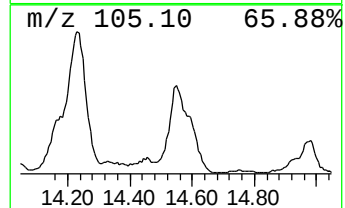
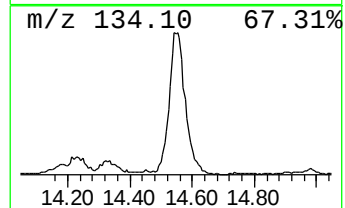
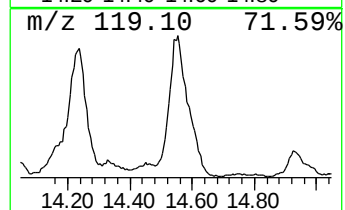
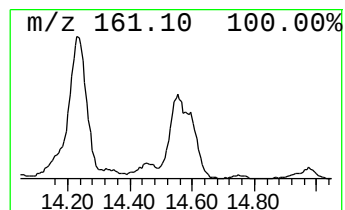
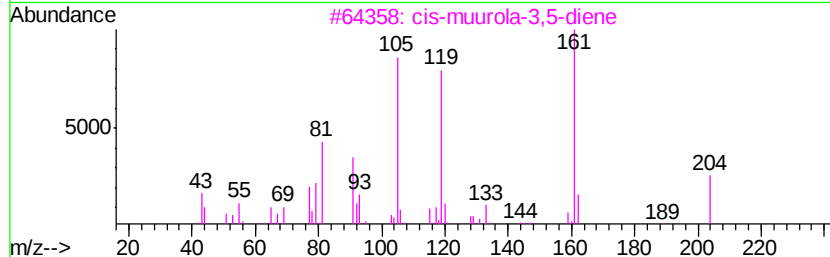
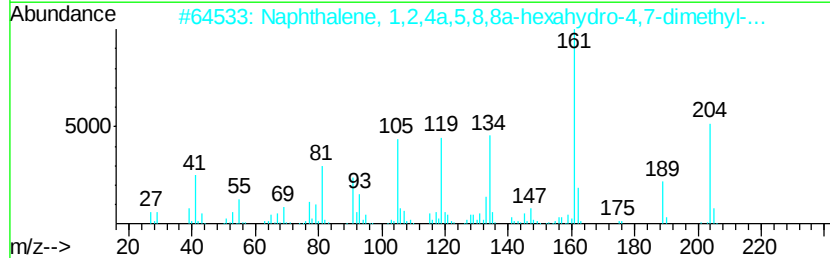
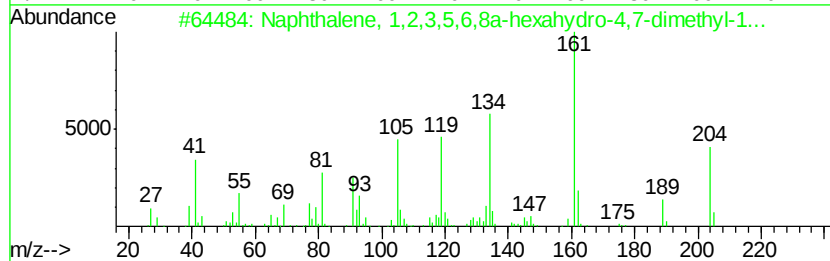
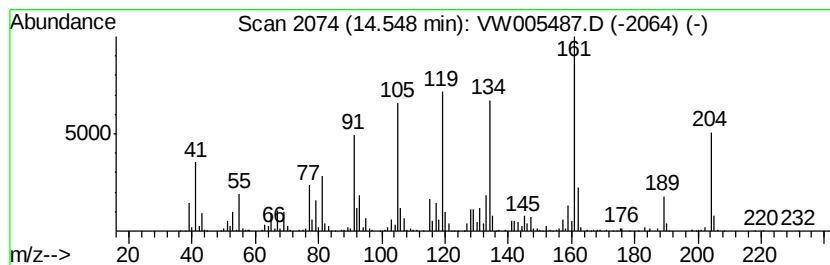
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1441.61 ug/l	1453150	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	95
2		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	95
3		cis-muurolo-3,5-diene	204	C15H24	1000365-95-4	76
4		Epizonarene	204	C15H24	041702-63-0	76
5		.alfa.-Copaene	204	C15H24	1000360-33-0	70



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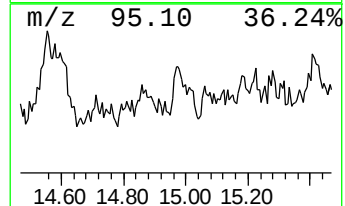
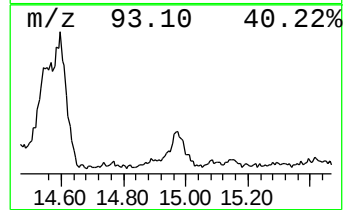
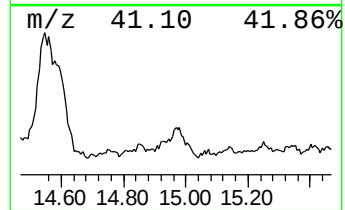
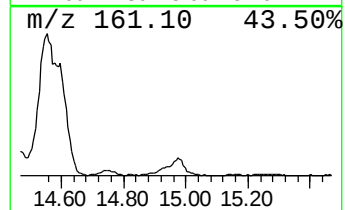
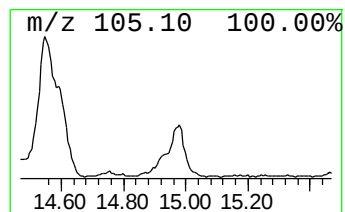
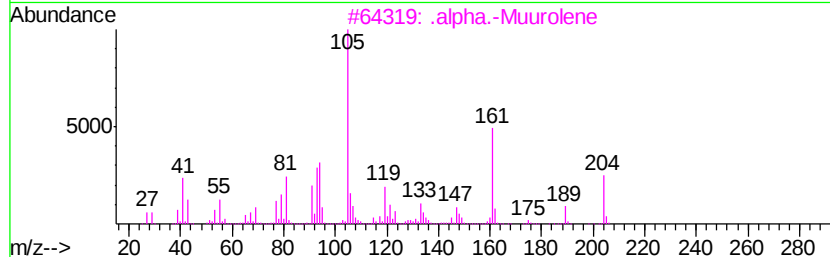
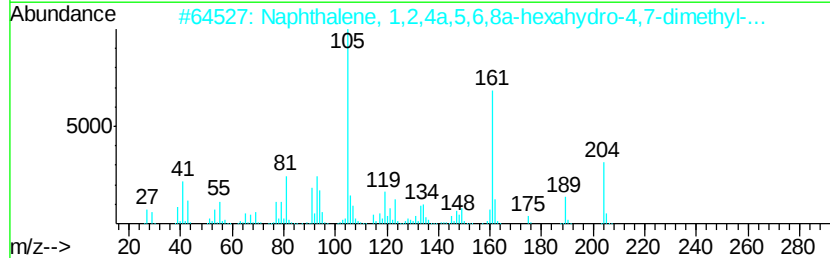
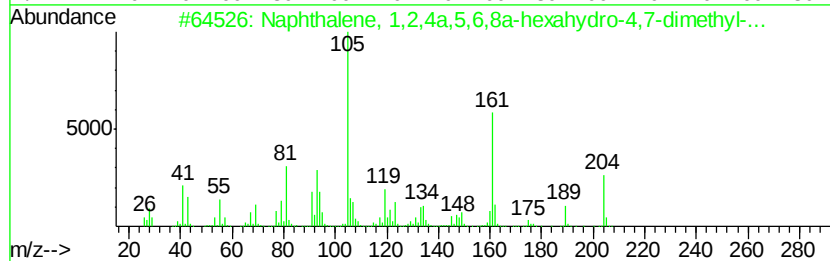
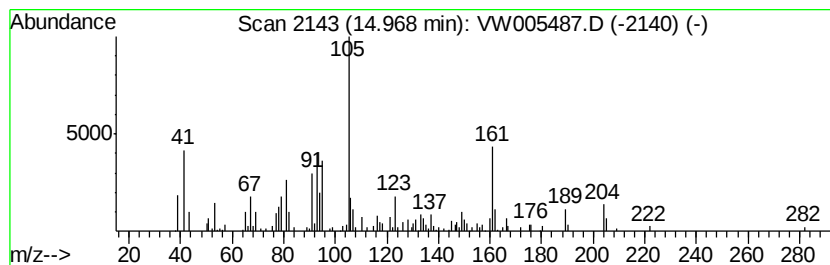
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	157.76 ug/l	159023	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	89
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	86
3		.alpha.-Muurolene	204	C15H24	010208-80-7	64
4		.alpha.-Muurolene	204	C15H24	031983-22-9	60
5		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005487.D
Acq On : 18 Sep 2018 18:47
Operator : SY/AP
Sample : J4944-01
Misc : 7.69G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.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[3.1.1]hep...	13.03	63.8	ug/l	64328	4	13.57	50400	50.0
D-Limonene	13.48	50.0	ug/l	50400	4	13.57	50400	50.0
.gamma.-Muurolene	13.73	945.2	ug/l	952781	4	13.57	50400	50.0
1H-Cyclopenta[1,3...	14.23	1773.8	ug/l	1787980	4	13.57	50400	50.0
Naphthalene, 1,2,...	14.55	1441.6	ug/l	1453150	4	13.57	50400	50.0
Naphthalene, 1,2,...	14.97	157.8	ug/l	159023	4	13.57	50400	50.0