

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061484.D
 Acq On : 23 Jan 2019 15:48
 Operator : VA/AP
 Sample : K1223-02
 Misc : 5.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-N

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_F\METHODS\82F011519S.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	1.071	40	45	48	rBV2	6601	14620	2.11%	0.352%
2	2.166	153	156	159	rBV2	5741	13114	1.89%	0.315%
3	2.226	159	162	170	rVV2	20480	65128	9.40%	1.567%
4	4.001	338	342	346	rBV3	2985	9384	1.35%	0.226%
5	4.100	346	352	360	rVV	118565	356839	51.48%	8.583%
6	4.317	367	374	383	rBV	41561	128454	18.53%	3.090%
7	4.849	420	428	440	rBV2	192677	693132	100.00%	16.672%
8	4.988	440	442	444	rVV	22453	17113	2.47%	0.412%
9	5.037	445	447	449	rVB	17471	15690	2.26%	0.377%
10	5.589	496	503	518	rBV	205626	572750	82.63%	13.776%
11	6.438	583	589	595	rBV3	4869	17795	2.57%	0.428%
12	6.891	629	635	639	rBV3	4311	11777	1.70%	0.283%
13	7.128	655	659	663	rBV2	3137	8201	1.18%	0.197%
14	7.542	696	701	712	rBV	263655	628184	90.63%	15.110%
15	9.505	893	900	907	rBV3	2604	8623	1.24%	0.207%
16	9.762	921	926	935	rBV	219033	495048	71.42%	11.907%
17	10.837	1032	1035	1040	rVB3	17613	34257	4.94%	0.824%
18	11.212	1067	1073	1076	rBV2	4394	11180	1.61%	0.269%
19	11.399	1088	1092	1105	rBV	188702	352231	50.82%	8.472%
20	11.567	1105	1109	1114	rVV4	29285	55551	8.01%	1.336%
21	11.656	1114	1118	1122	rVV5	5688	13951	2.01%	0.336%
22	12.198	1170	1173	1178	rVB4	5578	8451	1.22%	0.203%
23	12.277	1178	1181	1189	rVB5	19031	36555	5.27%	0.879%
24	12.455	1194	1199	1202	rBV	20531	34517	4.98%	0.830%
25	12.544	1204	1208	1217	rVB	217819	346398	49.98%	8.332%
26	13.777	1328	1333	1339	rVV	37122	62317	8.99%	1.499%
27	13.875	1339	1343	1345	rVV4	4410	9431	1.36%	0.227%
28	14.151	1366	1371	1373	rBV3	2744	7381	1.06%	0.178%
29	14.418	1395	1398	1401	rBV2	32817	65079	9.39%	1.565%
30	14.585	1413	1415	1421	rBV7	3752	10393	1.50%	0.250%
31	15.730	1528	1531	1535	rVV2	23649	39276	5.67%	0.945%
32	15.868	1542	1545	1551	rVB8	5501	14655	2.11%	0.352%

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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

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Title : SW846 8260

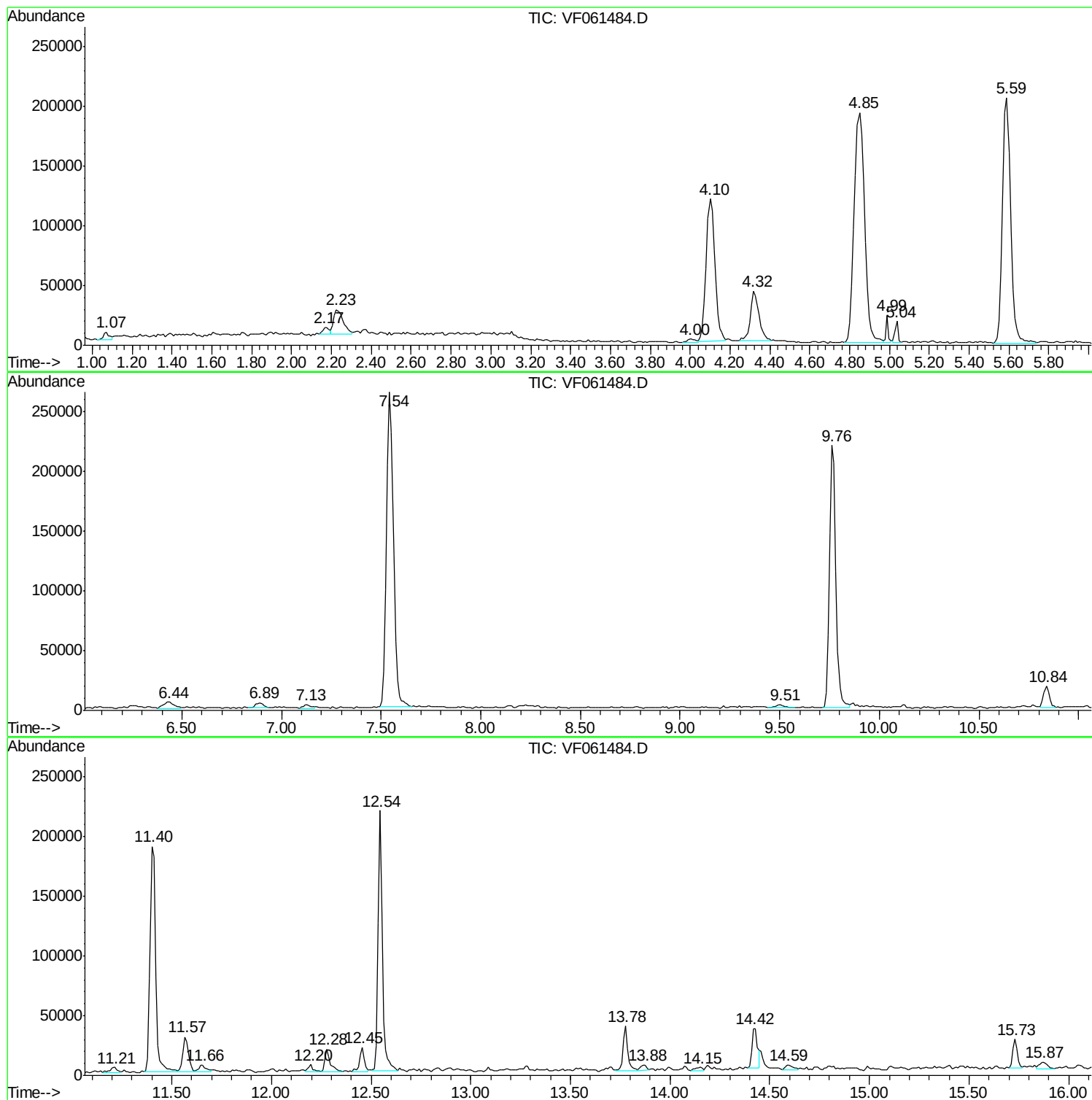
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Quant Title : SW846 8260

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



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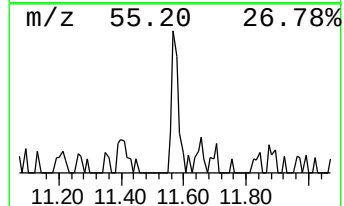
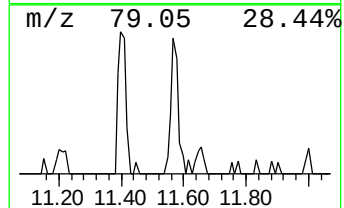
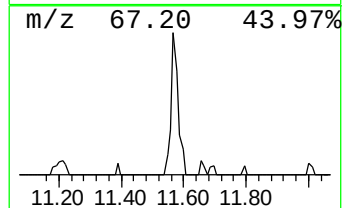
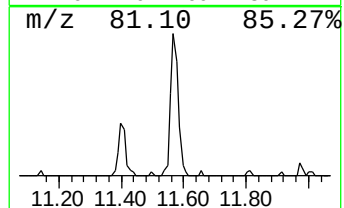
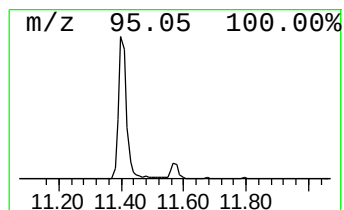
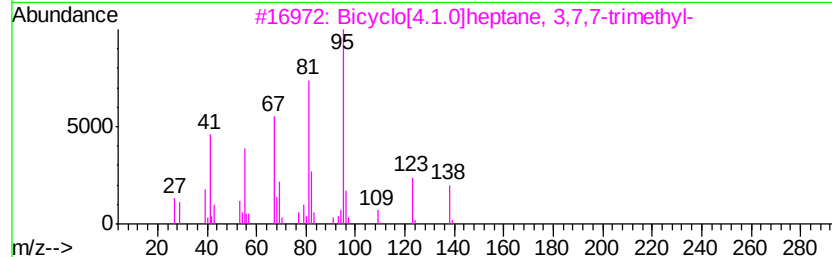
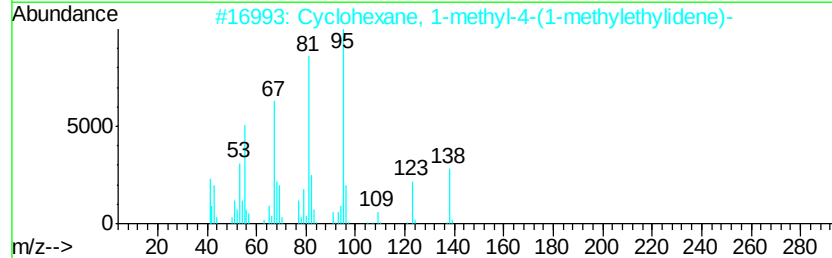
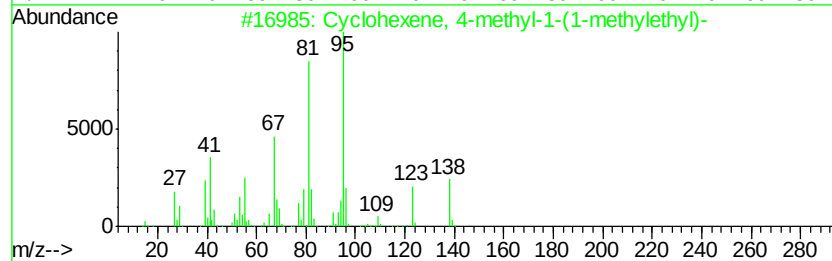
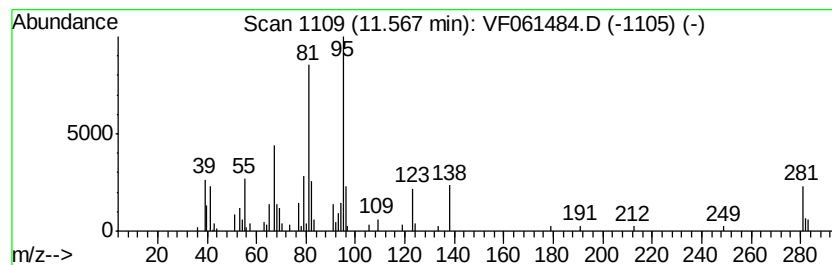
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	8.02 ug/l	55551	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methyl-1-ethoxy-2-propyl)-	138	C10H18	000500-00-5	94
2	Cyclohexane, 1-methyl-4-(1-methyl-1-ethoxy-2-propyl)-	138	C10H18	001124-27-2	94
3	Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-	138	C10H18	000554-59-6	76
4	Cyclohexene, 4-methyl-1-(1-methyl-1-ethoxy-2-propyl)-	138	C10H18	000619-52-3	76
5	Cyclohexane, 1-methyl-4-(1-methyl-1-ethoxy-2-propyl)-	138	C10H18	001879-07-8	64



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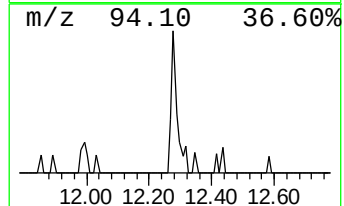
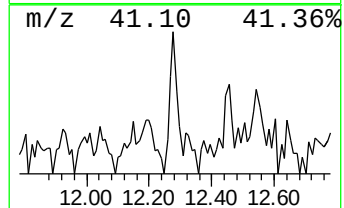
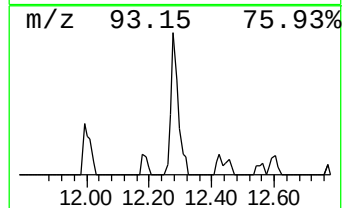
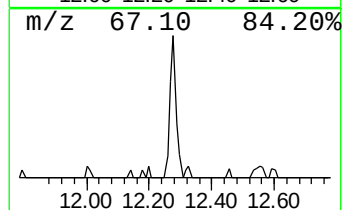
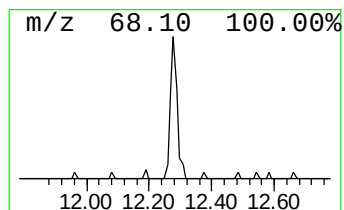
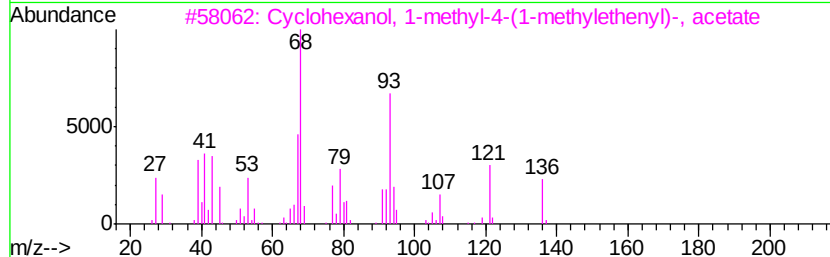
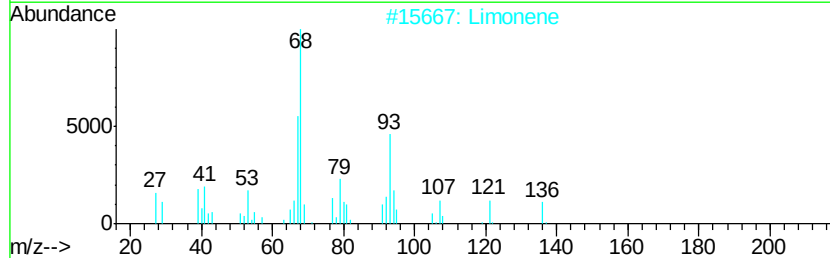
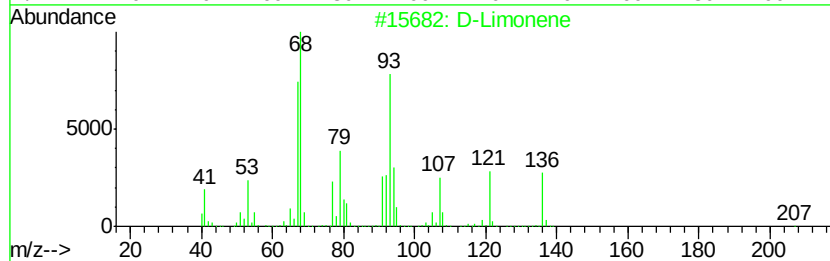
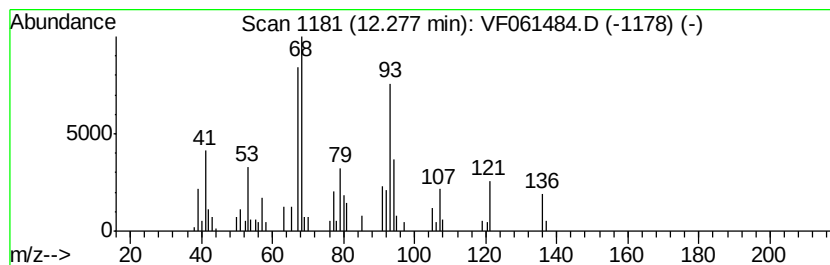
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Quant Title : SW846 8260

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

Peak Number 2 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.28 ug/l	36555	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	94
2		Limonene	136	C10H16	000138-86-3	81
3		Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	72
4		Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	53
5		Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	52



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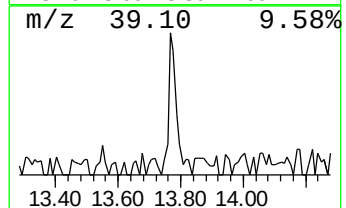
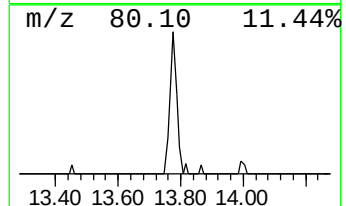
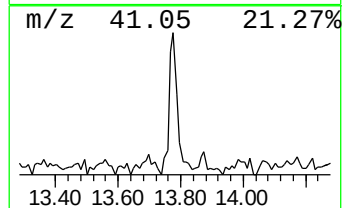
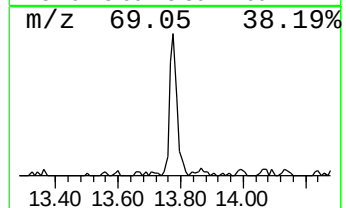
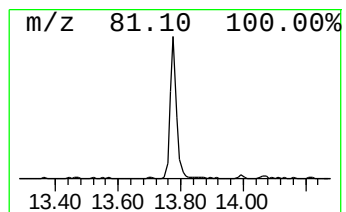
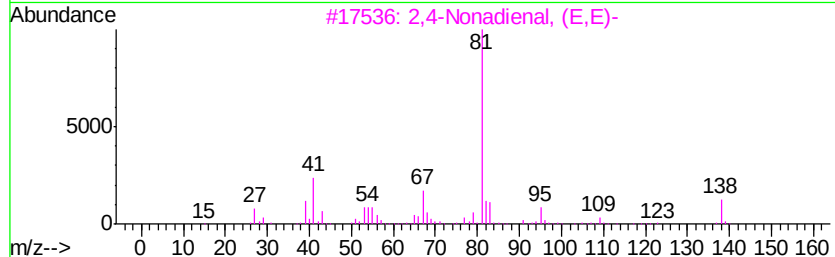
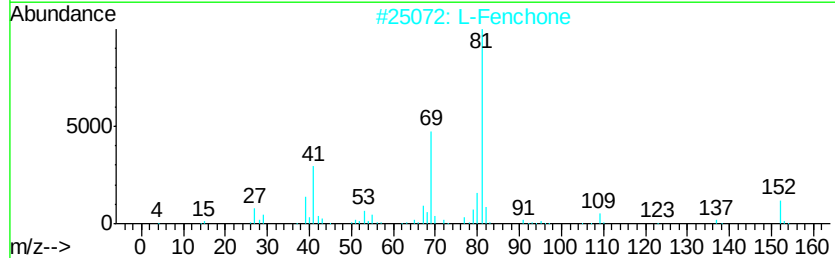
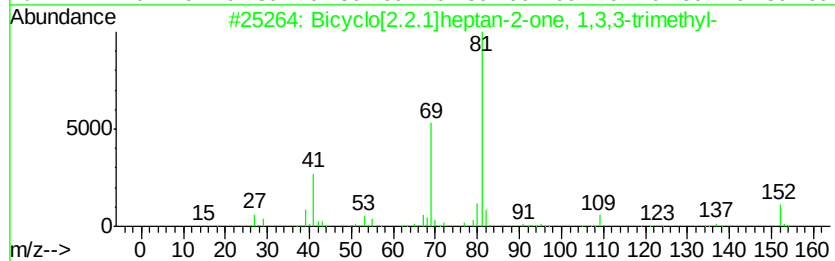
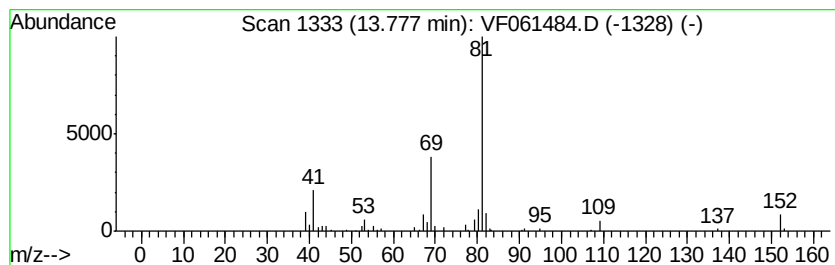
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	9.00 ug/l	62317	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2		L-Fenchone	152	C10H16O	007787-20-4	46
3		2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	38
4		Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	36
5		Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	36



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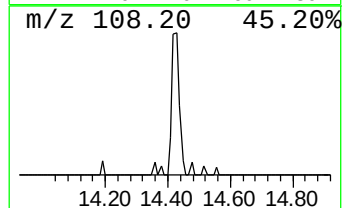
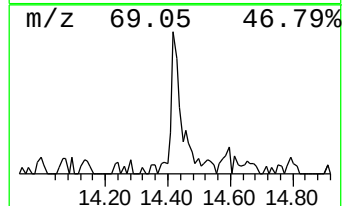
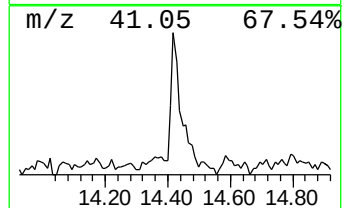
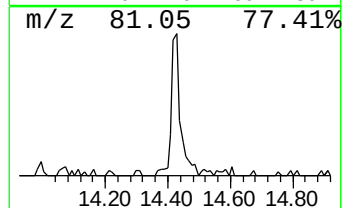
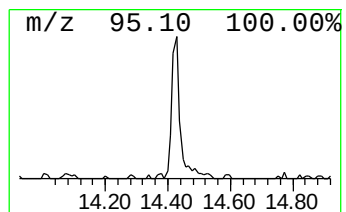
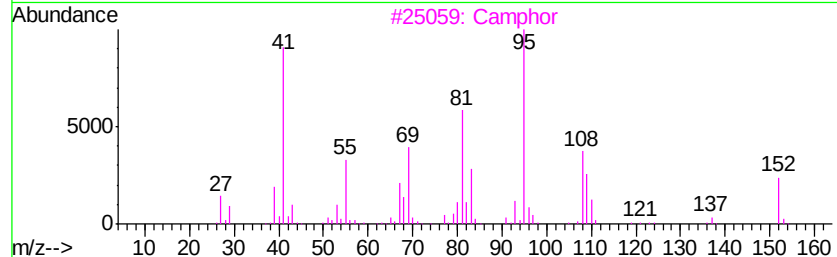
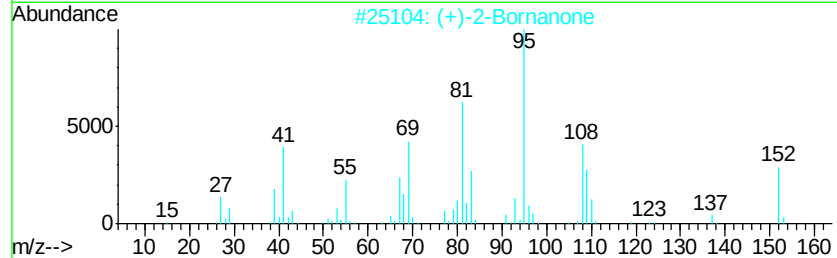
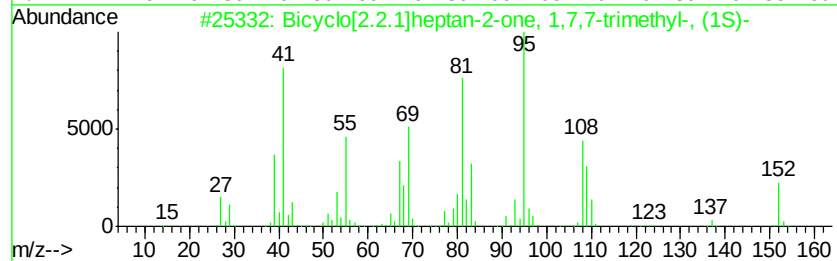
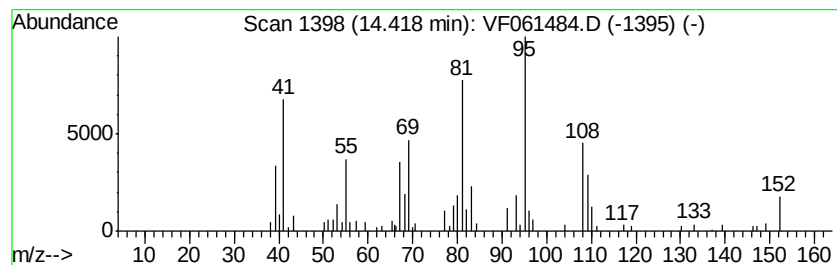
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Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	9.39 ug/l	65079	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	94
3		Camphor	152	C10H16O	000076-22-2	87
4		2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	30
5		5-Hepten-2-ol, 6-methyl-	128	C8H16O	001569-60-4	27



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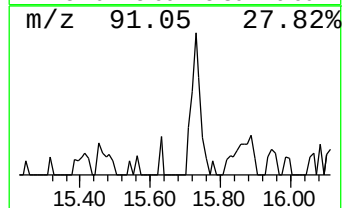
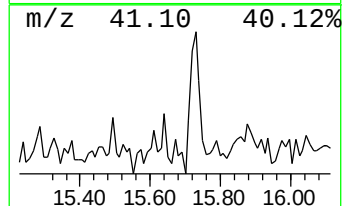
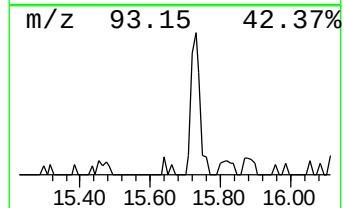
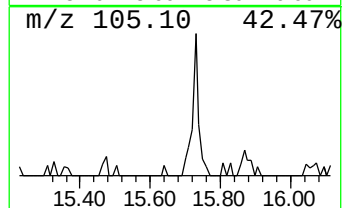
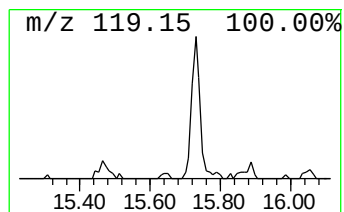
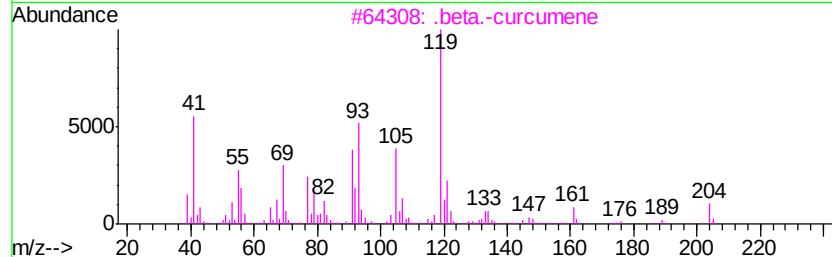
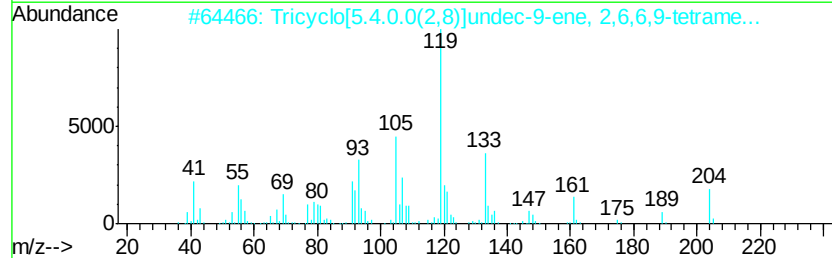
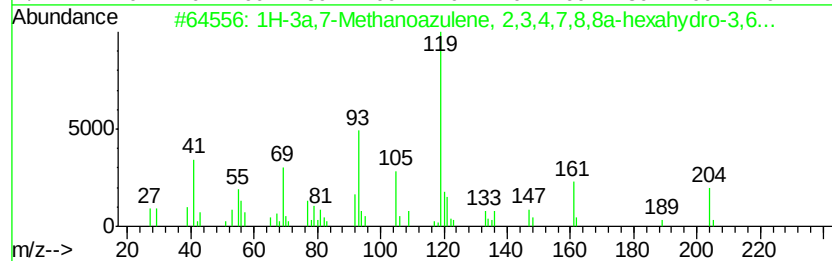
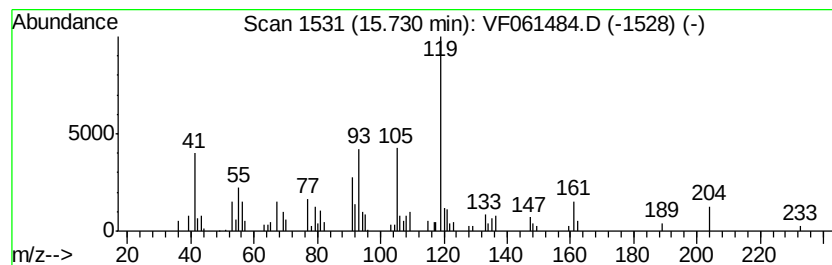
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Peak Number 5 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.73	5.67 ug/l	39276	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	96
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	78
3	.beta.-curcumene	204	C15H24	1000374-17-4	74
4	Bicyclo[3.1.1]heptane, 6-methyl-...	204	C15H24	055123-21-2	64
5	Copaene	204	C15H24	003856-25-5	60



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Sample : K1223-02
Misc : 5.37g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-N

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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
Cyclohexene, 4-me...	11.57	8.0	ug/l	55551	4	12.54	346398	50.0
D-Limonene	12.28	5.3	ug/l	36555	4	12.54	346398	50.0
Bicyclo[2.2.1]hep...	13.78	9.0	ug/l	62317	4	12.54	346398	50.0
Bicyclo[2.2.1]hep...	14.42	9.4	ug/l	65079	4	12.54	346398	50.0
1H-3a,7-Methanoaz...	15.73	5.7	ug/l	39276	4	12.54	346398	50.0