

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061950.D
 Acq On : 14 Mar 2019 20:41
 Operator : VA/AP
 Sample : K1924-01
 Misc : 5.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-SOIL-PILE-A

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_F\METHODS\82F030419S.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	4.109	347	353	364	rVB	155428	502783	4.57%	2.701%
2	4.859	421	429	444	rBV2	273971	995333	9.04%	5.347%
3	5.598	497	504	516	rBV	334356	910633	8.27%	4.892%
4	7.551	697	702	707	rBV	459669	1077339	9.79%	5.788%
5	9.769	922	927	935	rBV	405302	912692	8.29%	4.903%
6	10.844	1031	1036	1041	rBV	91566	179855	1.63%	0.966%
7	11.219	1070	1074	1078	rVB	79675	146753	1.33%	0.788%
8	11.406	1089	1093	1100	rBV	412014	750006	6.81%	4.029%
9	12.461	1196	1200	1204	rVV	658511	929066	8.44%	4.991%
10	12.550	1205	1209	1219	rVB	638468	984874	8.95%	5.291%
11	14.424	1396	1399	1411	rVV2	105344	216382	1.97%	1.162%
12	15.035	1457	1461	1464	rBV	7163019	11008024	100.00%	59.139%

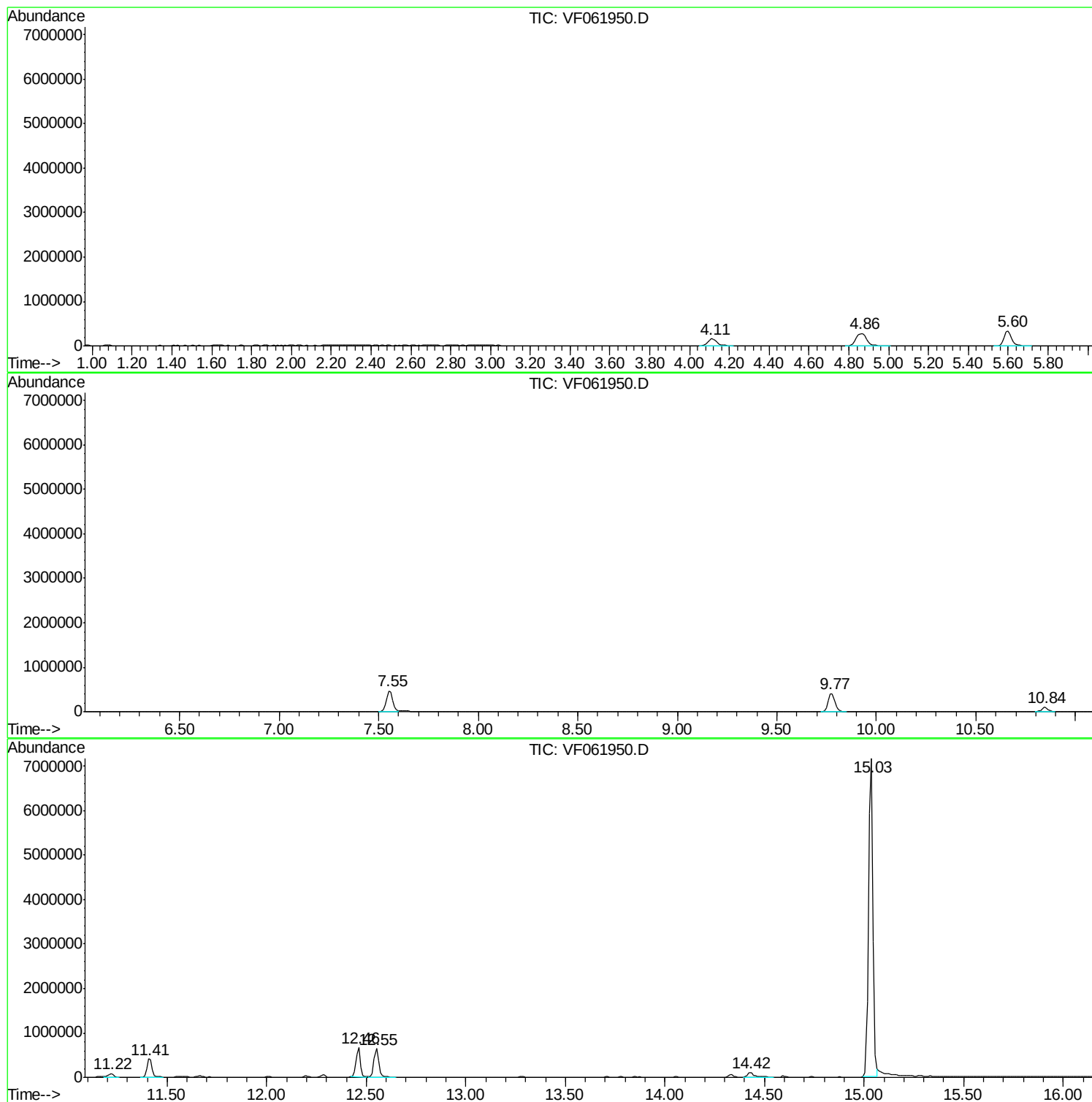
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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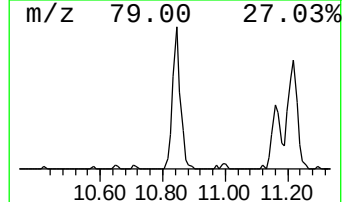
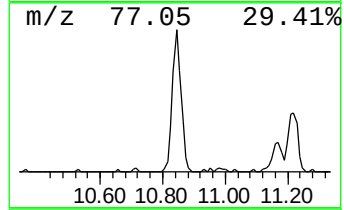
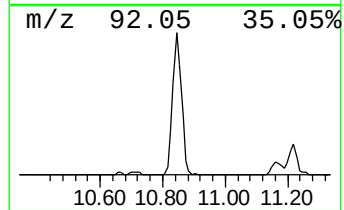
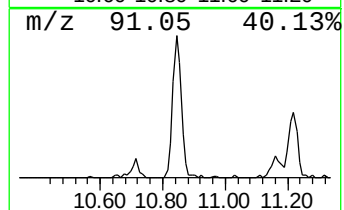
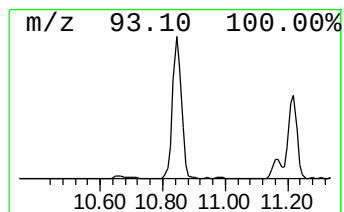
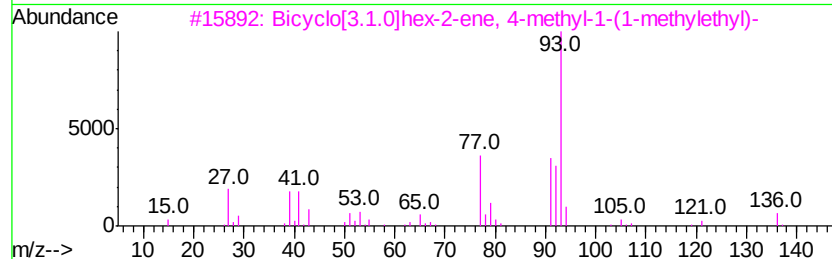
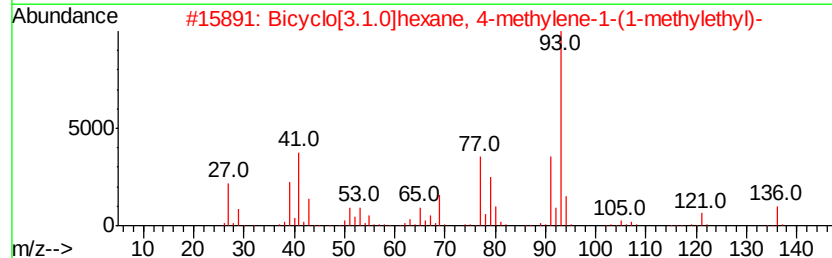
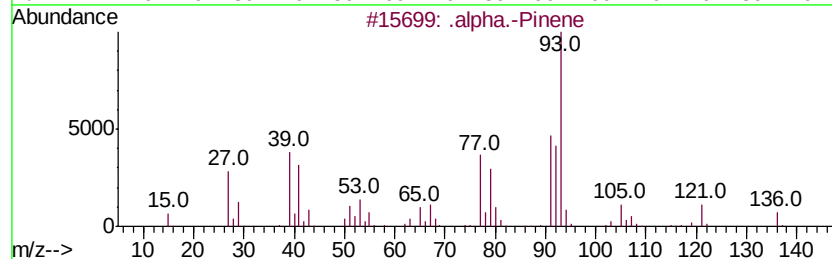
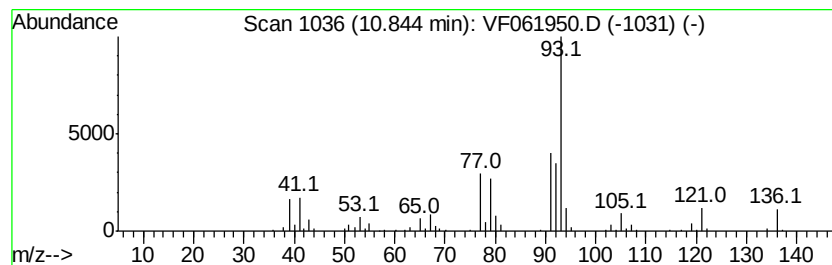
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.84	9.85 ug/l	179855	Chlorobenzene-d5	9.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	94
2		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	83
3		Bicyclo[3.1.0]hex-2-ene, 4-methv...	136	C10H16	028634-89-1	83
4		.beta.-Phellandrene	136	C10H16	000555-10-2	80
5		3-Carene	136	C10H16	013466-78-9	80



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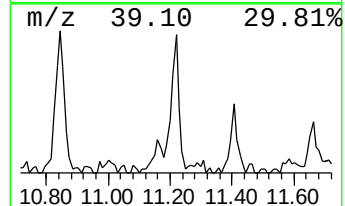
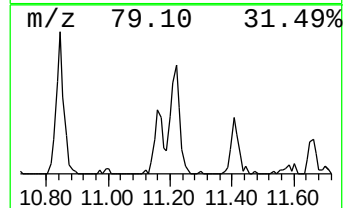
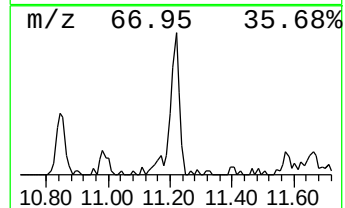
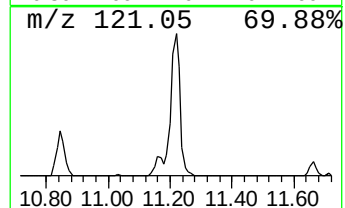
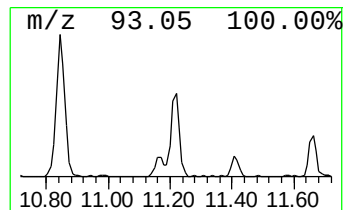
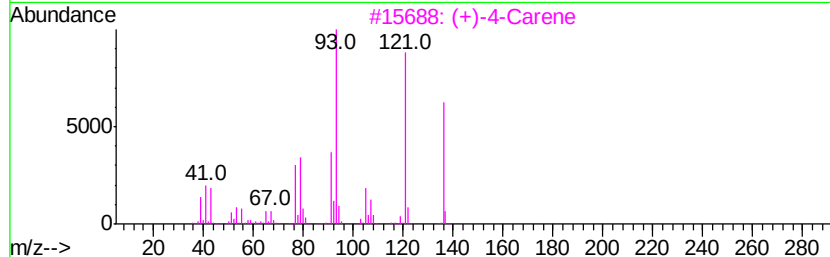
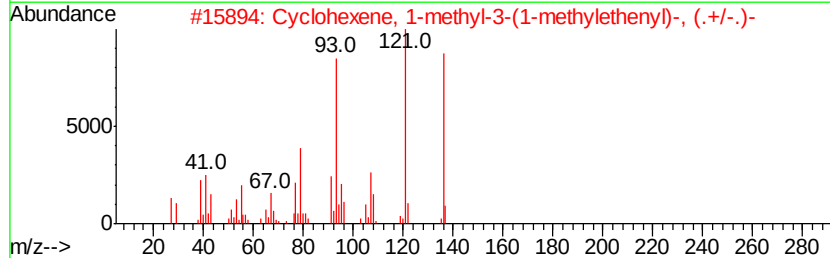
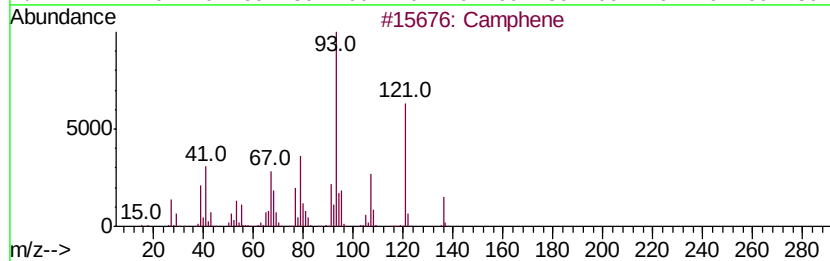
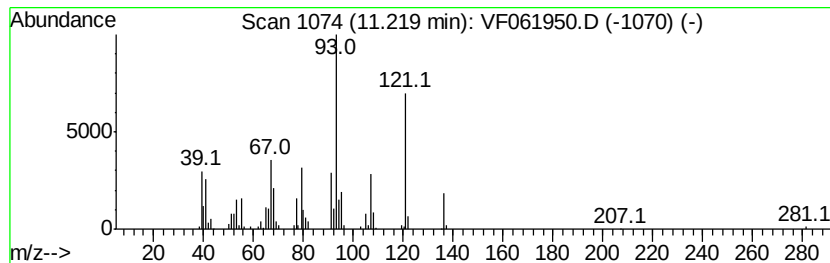
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	7.45 ug/l	146753	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphene		136 C10H16	000079-92-5 96
2	Cyclohexene, 1-methyl-3-(1-methy...		136 C10H16	000499-03-6 83
3	(+)-4-Carene		136 C10H16	029050-33-7 74
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...		136 C10H16	000464-17-5 64
5	Bicyclo[2.2.1]heptane, 2,2-dimet...		136 C10H16	005794-04-7 64



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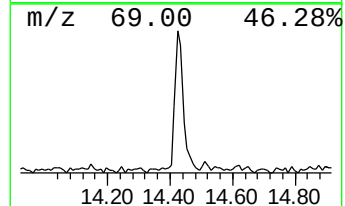
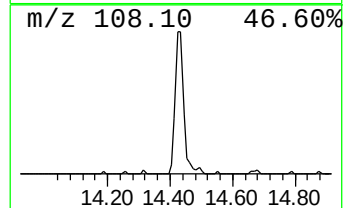
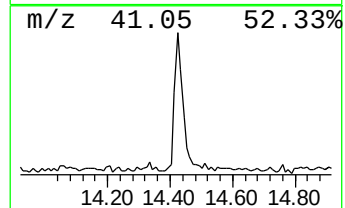
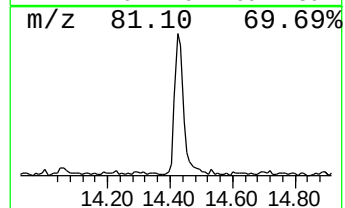
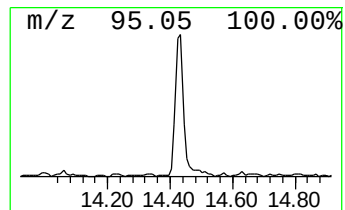
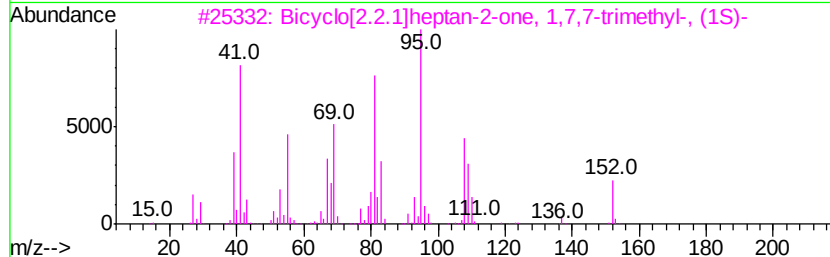
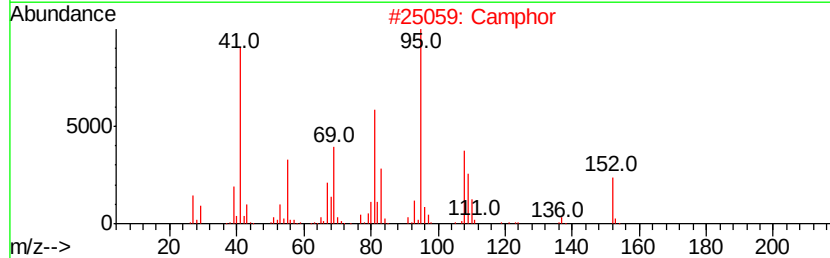
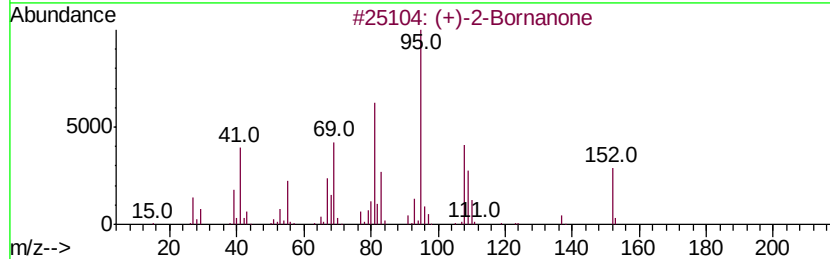
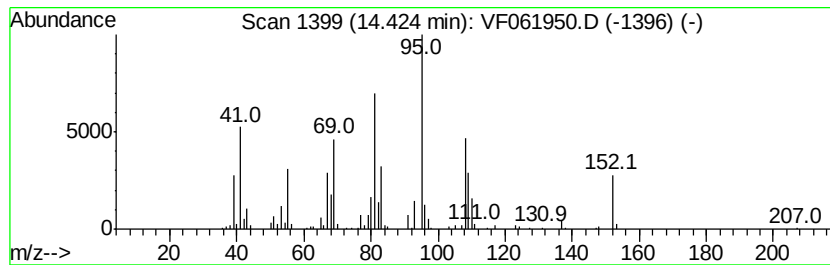
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Peak Number 3 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.42	10.99 ug/l	216382	1,4-Dichlorobenzene-d4	12.55	
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	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	50
5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	43



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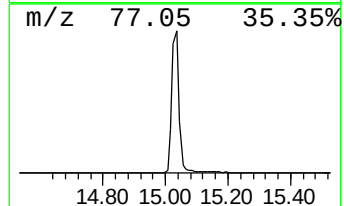
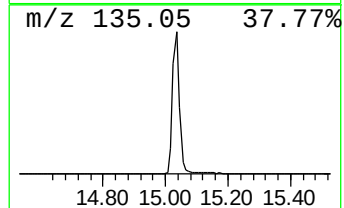
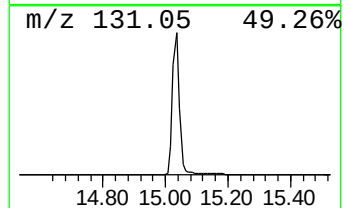
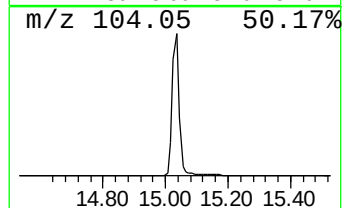
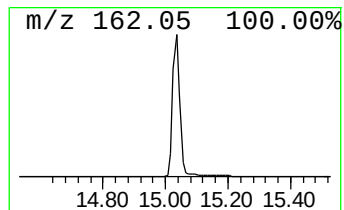
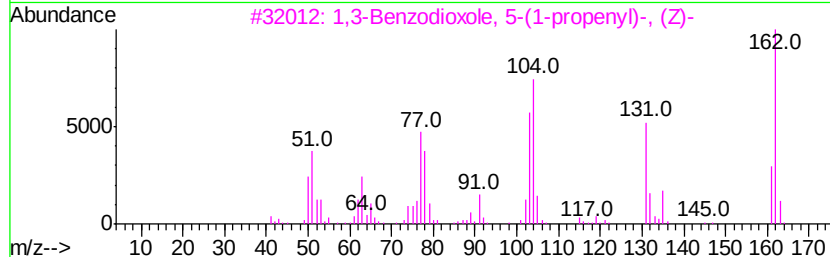
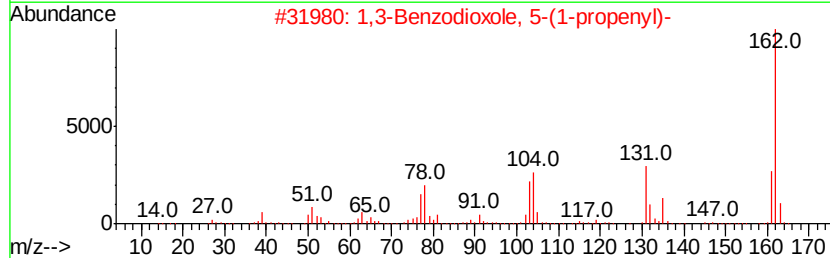
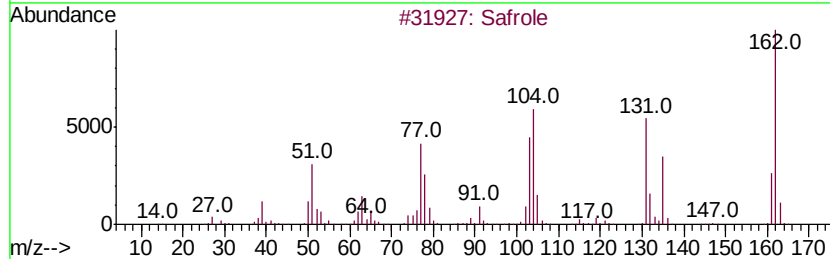
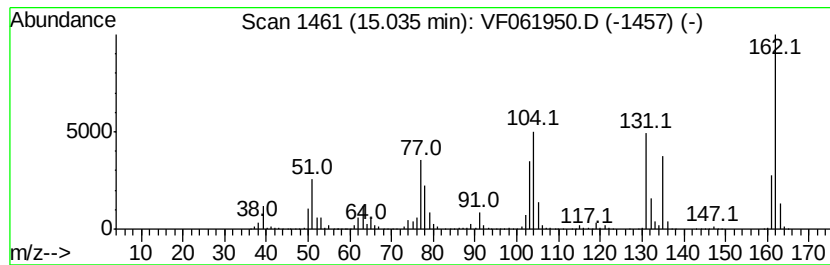
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Peak Number 4 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	558.85 ug/l	11008000	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Safrole	162 C10H10O2	000094-59-7	98
2	1,3-Benzodioxole, 5-(1-propenyl)-	162 C10H10O2	000120-58-1	96
3	1,3-Benzodioxole, 5-(1-propenyl)...	162 C10H10O2	017627-76-8	96
4	Benzene, 1,2-(methylenedioxy)-4-...	162 C10H10O2	004043-71-4	95
5	1,4-Dioxo-1,2,3,4-tetrahydrophth...	162 C8H6N2O2	001445-69-8	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	10.84	9.8	ug/l	179855	3	9.78	912692	50.0
Camphene	11.22	7.5	ug/l	146753	4	12.55	984874	50.0
(+)-2-Bornanone	14.42	11.0	ug/l	216382	4	12.55	984874	50.0
Safrole	15.03	558.9	ug/l	11008000	4	12.55	984874	50.0