

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010467.D
 Acq On : 21 May 2019 00:34
 Operator : SY/VA
 Sample : K2943-06
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-5-4FT

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\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	1.959	5	9	20	rVB3	5539	13604	2.14%	0.336%
2	2.635	114	120	126	rVB3	7894	15848	2.49%	0.391%
3	2.806	145	148	154	rVB2	6076	10829	1.70%	0.267%
4	3.715	286	297	306	rVB8	1558	6650	1.04%	0.164%
5	4.123	355	364	374	rBV	19441	52919	8.31%	1.306%
6	4.916	485	494	504	rBV5	3850	11985	1.88%	0.296%
7	7.141	849	859	861	rBV	3978	9447	1.48%	0.233%
8	7.885	969	981	986	rBV2	83224	198985	31.24%	4.910%
9	7.946	986	991	1001	rVB	141612	315532	49.54%	7.785%
10	8.305	1040	1050	1060	rBV	81766	180446	28.33%	4.452%
11	8.842	1130	1138	1148	rBV	228881	444330	69.76%	10.963%
12	10.323	1371	1381	1389	rBV	363062	636946	100.00%	15.716%
13	10.390	1389	1392	1398	rVB	5500	8404	1.32%	0.207%
14	11.634	1588	1596	1606	rBV	295721	512653	80.49%	12.649%
15	12.469	1722	1733	1740	rBV	40957	70357	11.05%	1.736%
16	12.621	1750	1758	1765	rBV	243272	404479	63.50%	9.980%
17	12.719	1768	1774	1782	rVB	35506	62558	9.82%	1.544%
18	13.030	1817	1825	1831	rVB2	13901	23974	3.76%	0.592%
19	13.469	1891	1897	1905	rBV4	17667	34069	5.35%	0.841%
20	13.560	1905	1912	1919	rVV	300063	480560	75.45%	11.857%
21	15.072	2154	2160	2168	rVB2	14931	27077	4.25%	0.668%
22	16.103	2321	2329	2340	rVB	283278	531229	83.40%	13.107%

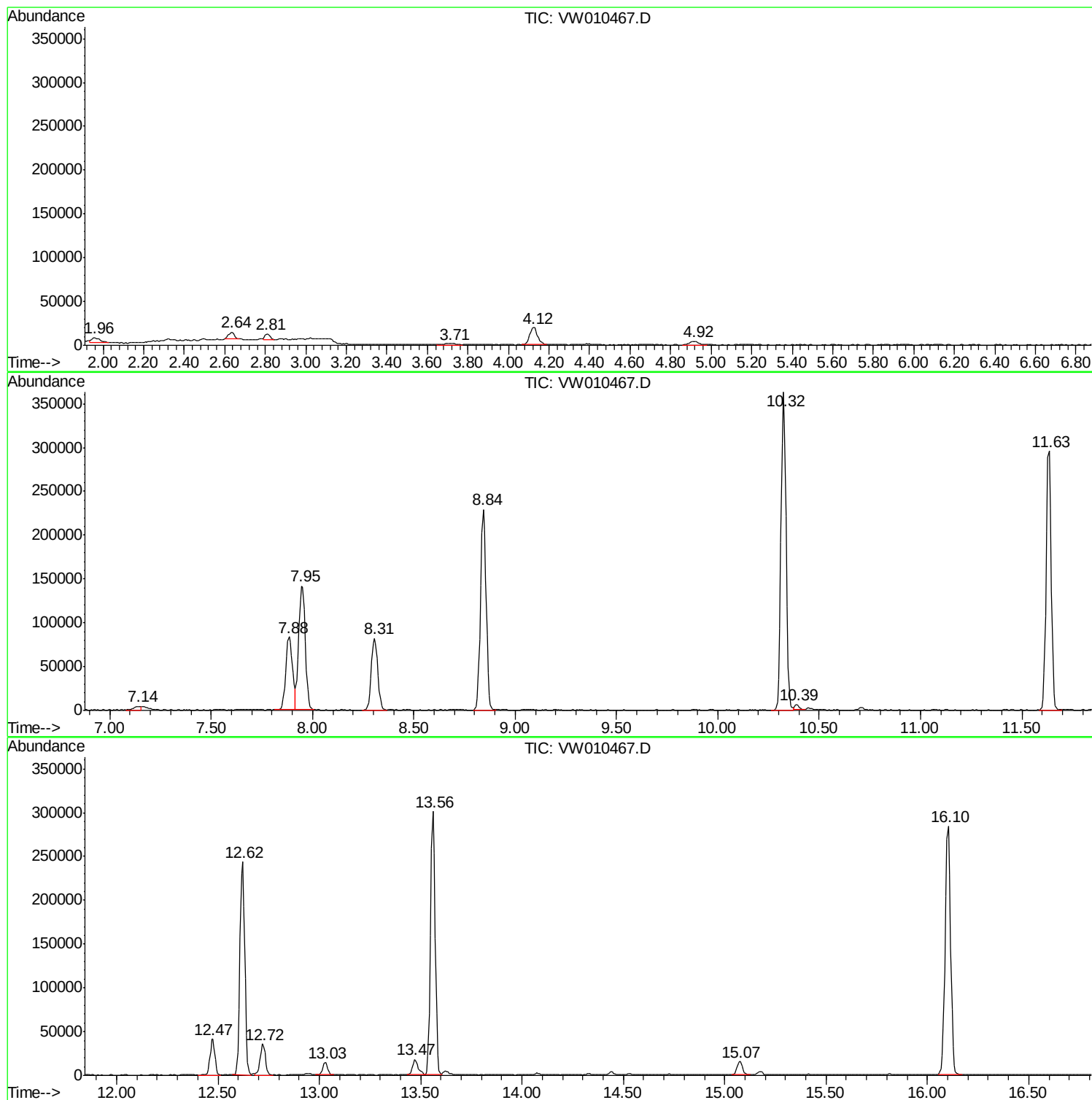
Sum of corrected areas: 4052881

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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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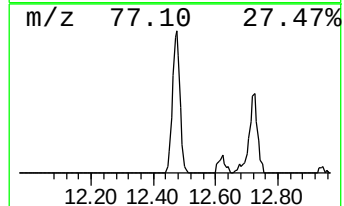
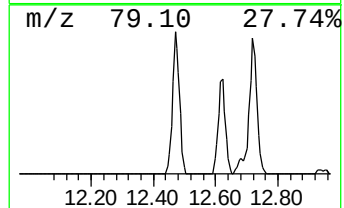
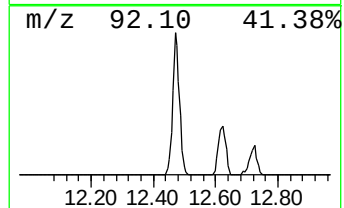
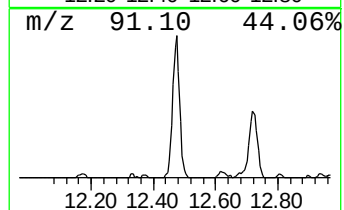
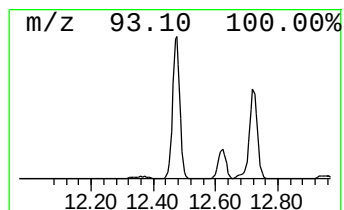
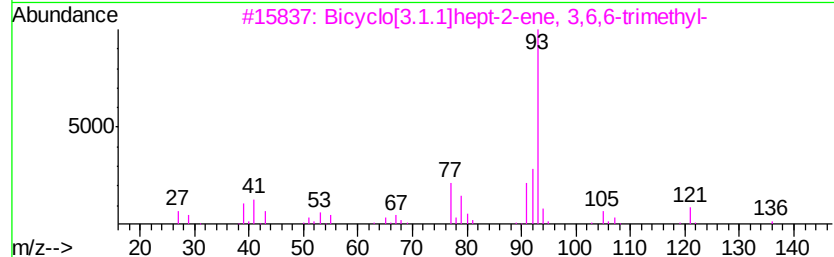
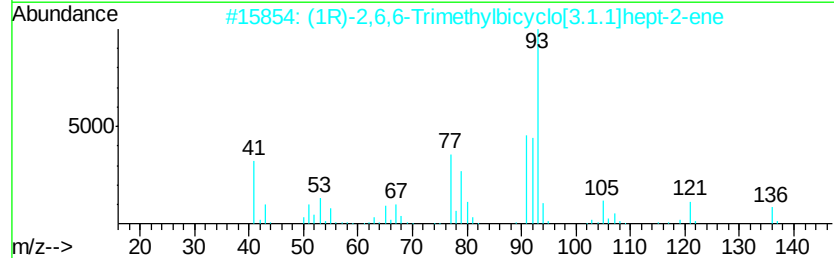
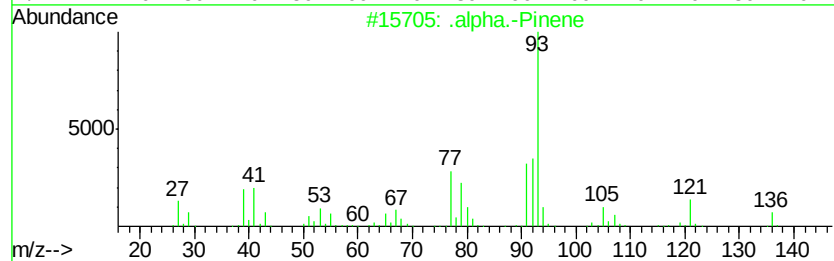
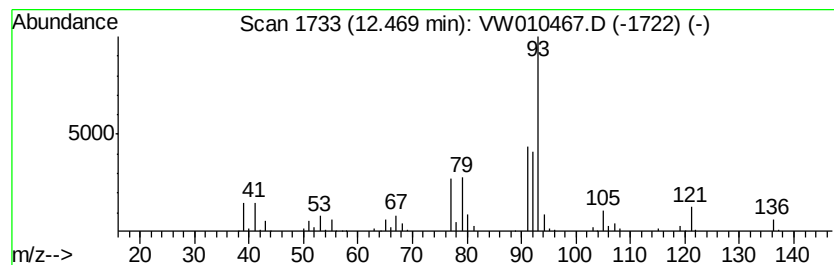
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ClientSampleId :
GIS-5-4FT

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 1 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	6.86 ug/l	70357	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87



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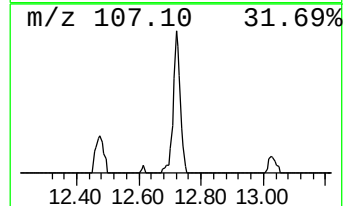
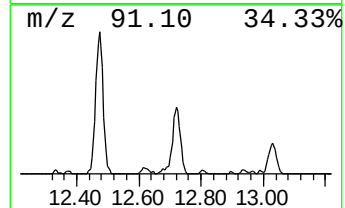
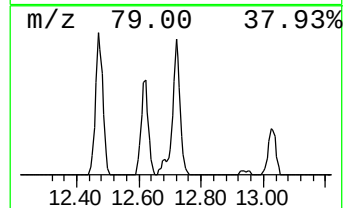
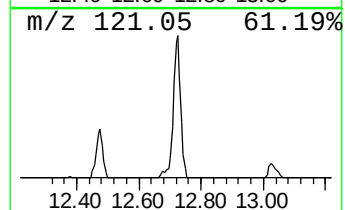
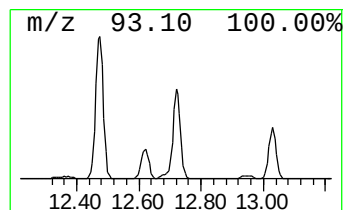
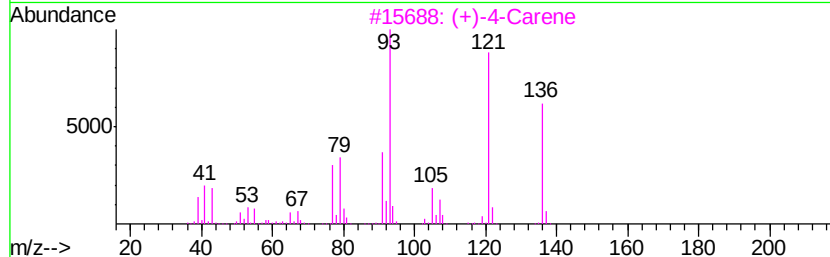
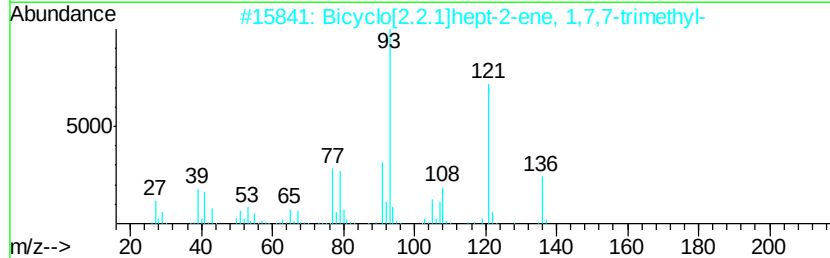
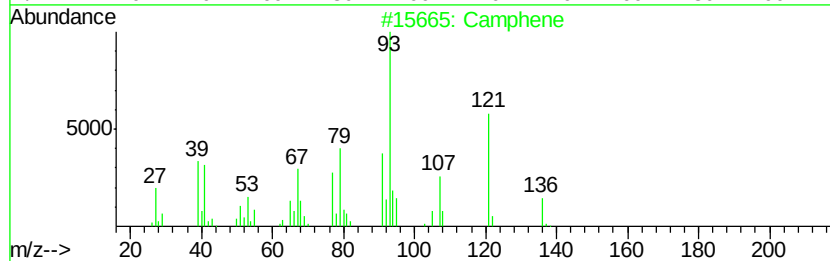
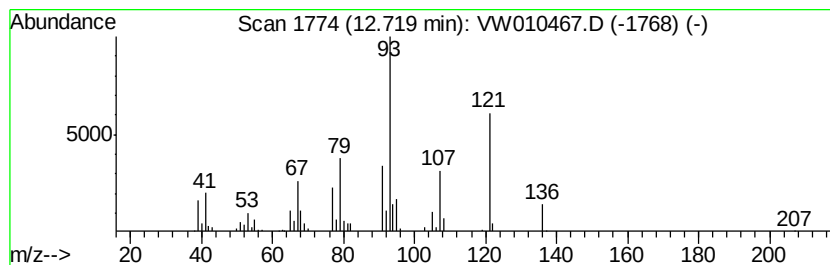
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Quant Title : SW846 8260

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Peak Number 2 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	6.51 ug/l	62558	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene		136	C10H16	000079-92-5	97
2	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...		136	C10H16	000464-17-5	74
3	(+)-4-Carene		136	C10H16	029050-33-7	74
4	1,3,6-Heptatriene, 2,5,5-trimethyl-		136	C10H16	029548-02-5	72
5	.beta.-Pinene		136	C10H16	000127-91-3	72



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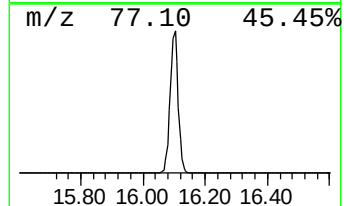
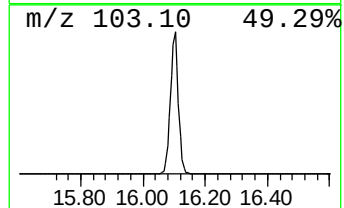
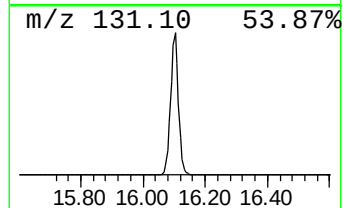
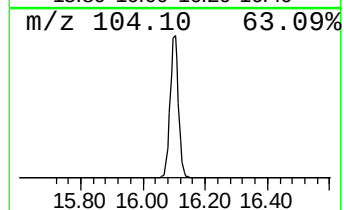
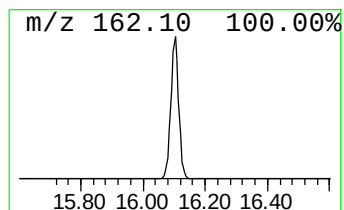
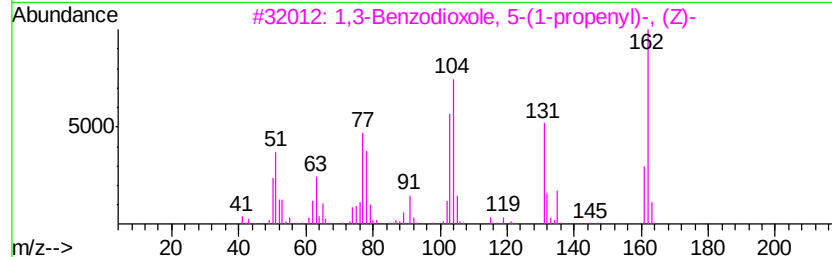
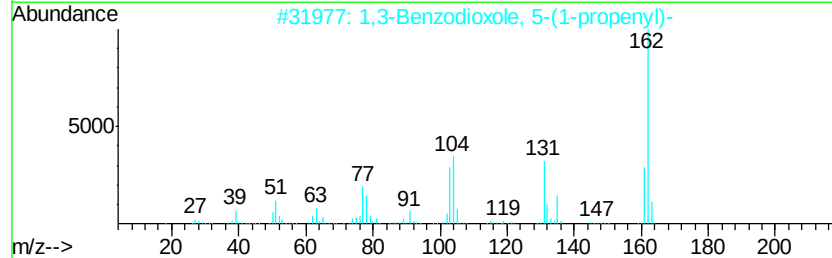
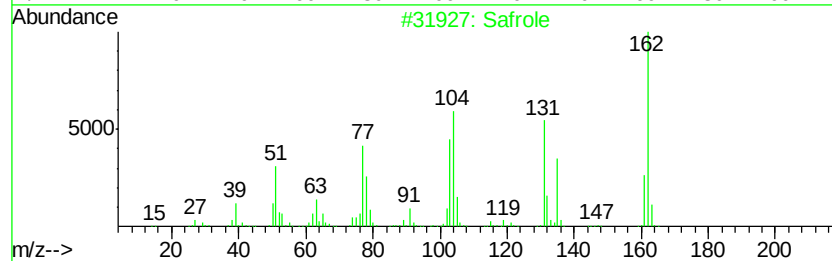
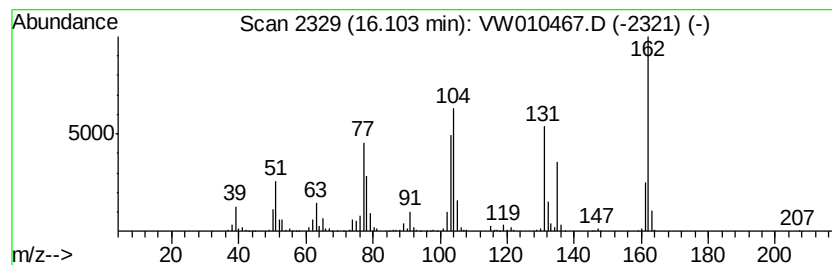
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Peak Number 3 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	55.27 ug/l	531229	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		1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	95
4		Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	94
5		1,4-Dioxo-1,2,3,4-tetrahydrophth...	162	C8H6N2O2	001445-69-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
.alpha.-Pinene	12.47	6.9	ug/l	70357	3	11.63	512653	50.0
Camphene	12.72	6.5	ug/l	62558	4	13.56	480560	50.0
Safrole	16.10	55.3	ug/l	531229	4	13.56	480560	50.0