LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
Data File : VD066239.D
Acq On : 14 Aug 2020 16:26
Operator : VA/SY
Sample : L3679-09
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

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_D\METHOD\82D080520S.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	4.956	505	516	530	rVB3	33552	114061	4.41%	0.808%
2	7.908	1008	1018	1023	rBV	214733	512634	19.83%	3.634%
3	7.973	1023	1029	1039	rVB	405990	928236	35.91%	6.579%
4	8.326	1079	1089	1099	rBV	158678	360285	13.94%	2.554%
5	8.861	1170	1180	1191	rBV	572804	1166380	45.13%	8.267%
6	10.338	1422	1431	1446	rBV	896925	1666219	64.47%	11.810%
7	11.643	1645	1653	1667	rVB	1025045	1779778	68.86%	12.615%
8	12.485	1788	1796	1805	rBV	1520383	2584567	100.00%	18.319%
9	12.632	1814	1821	1829	rBV	979740	1618000	62.60%	11.468%
10	12.737	1829	1839	1848	rVB	215677	384618	14.88%	2.726%
11	12.979	1872	1880	1884	rBV6	24252	43294	1.68%	0.307%
12	13.043	1884	1891	1899	rVB	155196	260071	10.06%	1.843%
13	13.490	1961	1967	1970	rBV2	69543	116190	4.50%	0.824%
14	13.579	1975	1982	1988	rVV	1133589	1863349	72.10%	13.207%
15	13.637	1988	1992	2001	rVB4	44853	78954	3.05%	0.560%
16	14.102	2065	2071	2079	rVB3	18065	29684	1.15%	0.210%
17	15.102	2234	2241	2250	rBV	148701	283681	10.98%	2.011%
18	15.555	2311	2318	2324	rVB3	31235	57902	2.24%	0.410%
19	16.149	2412	2419	2428	rBV	134895	260490	10.08%	1.846%

Sum of corrected areas: 14108393

LSC Report - Integrated Chromatogram

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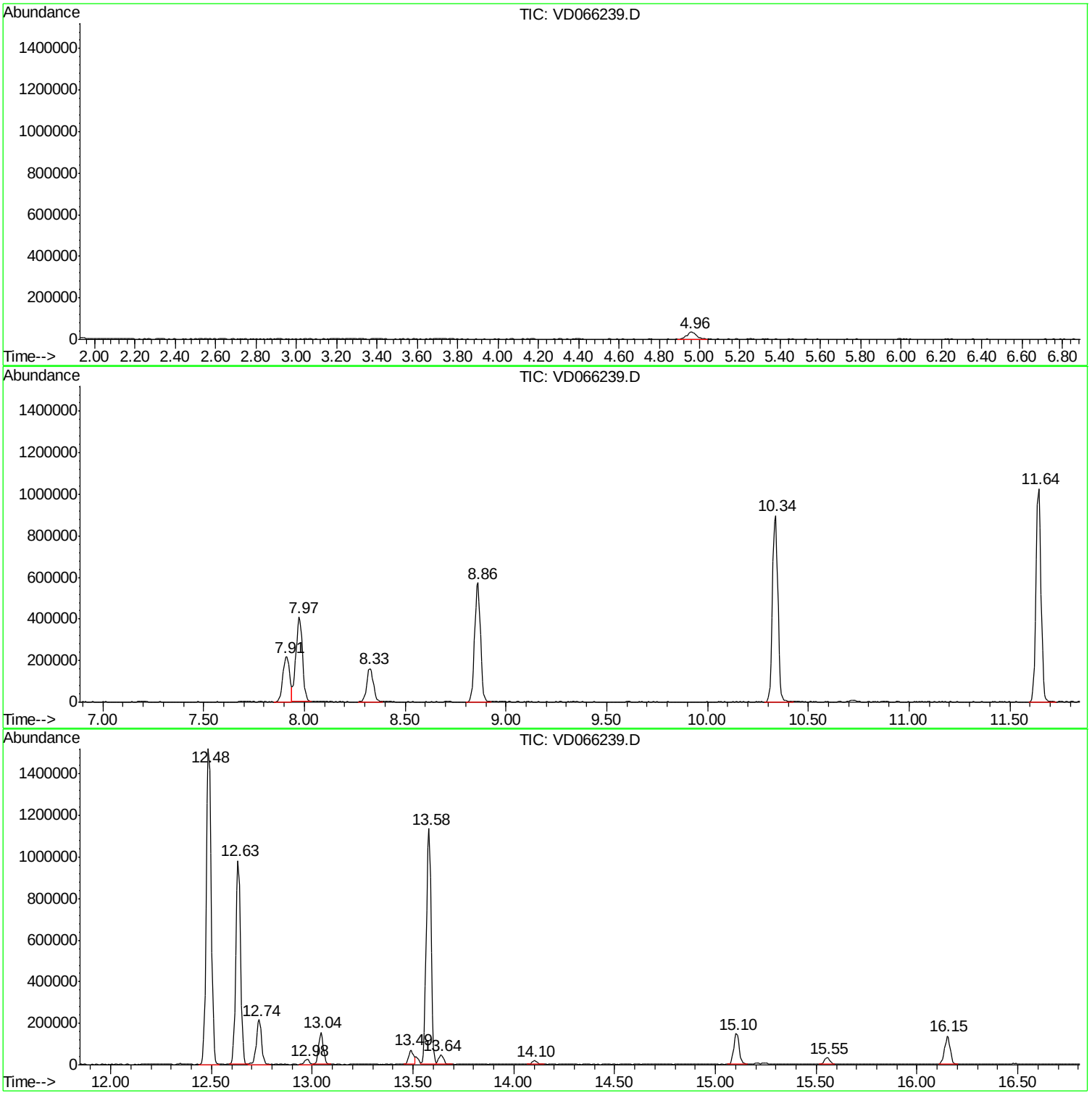
Sample : L3679-09
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
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Acq On : 14 Aug 2020 16:26
Operator : VA/SY
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Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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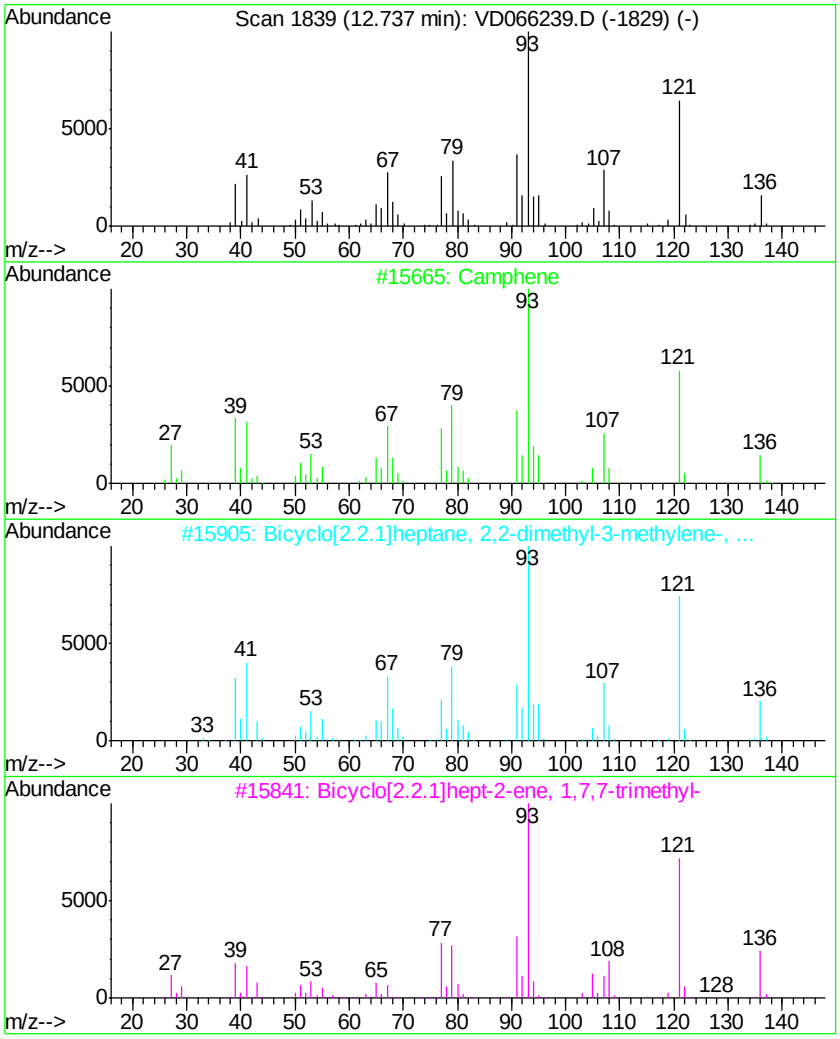
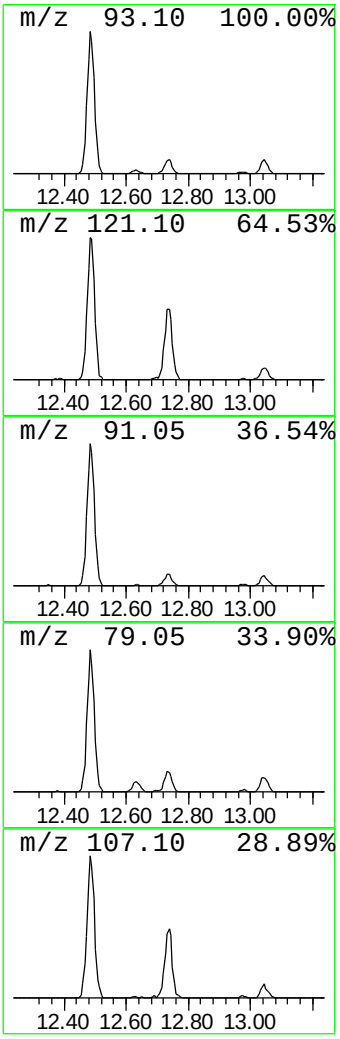
Peak Number 2 Camphene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	10.32 ug/l	384618	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	97
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
3	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	81
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	81
5	(+)-4-Carene	136	C10H16	029050-33-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
Data File : VD066239.D
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Sample : L3679-09
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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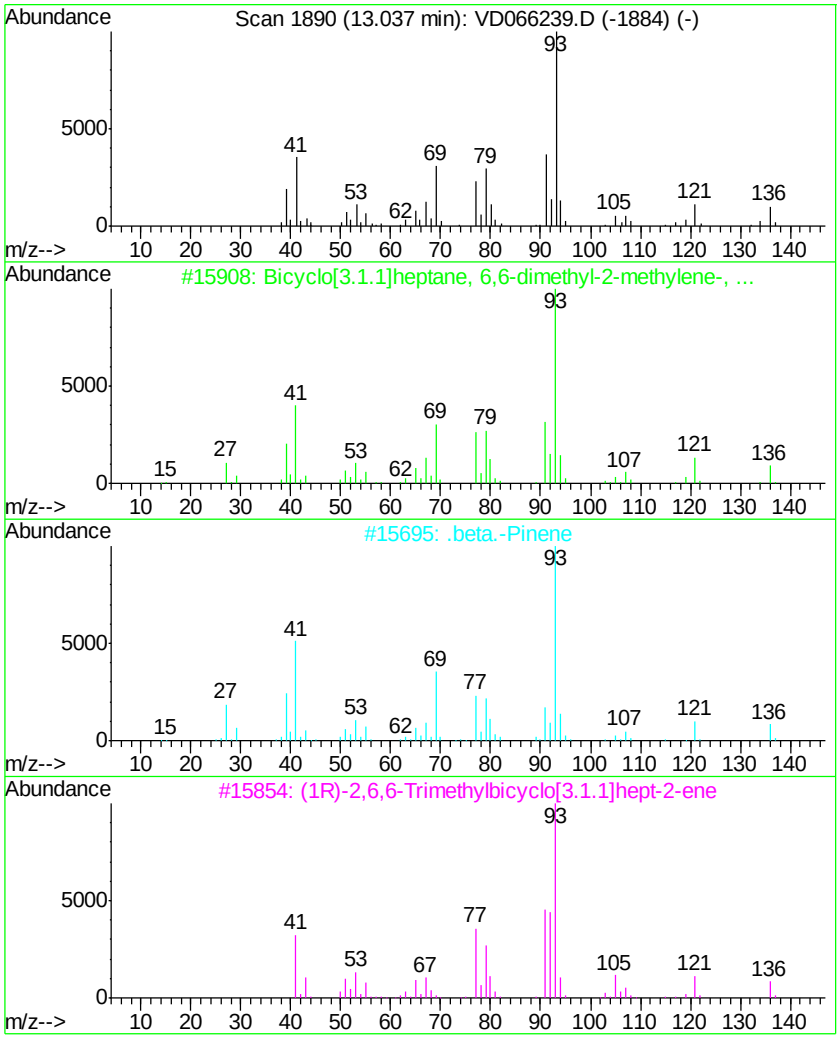
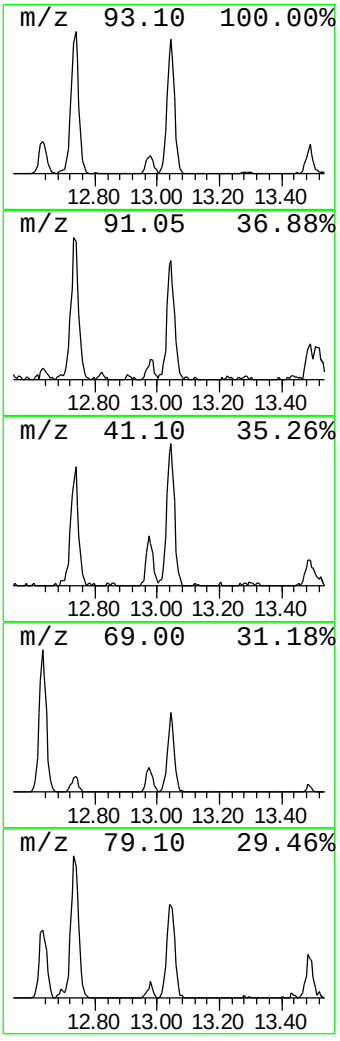
Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.98 ug/l	260071	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90
5	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	90





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Sample : L3679-09
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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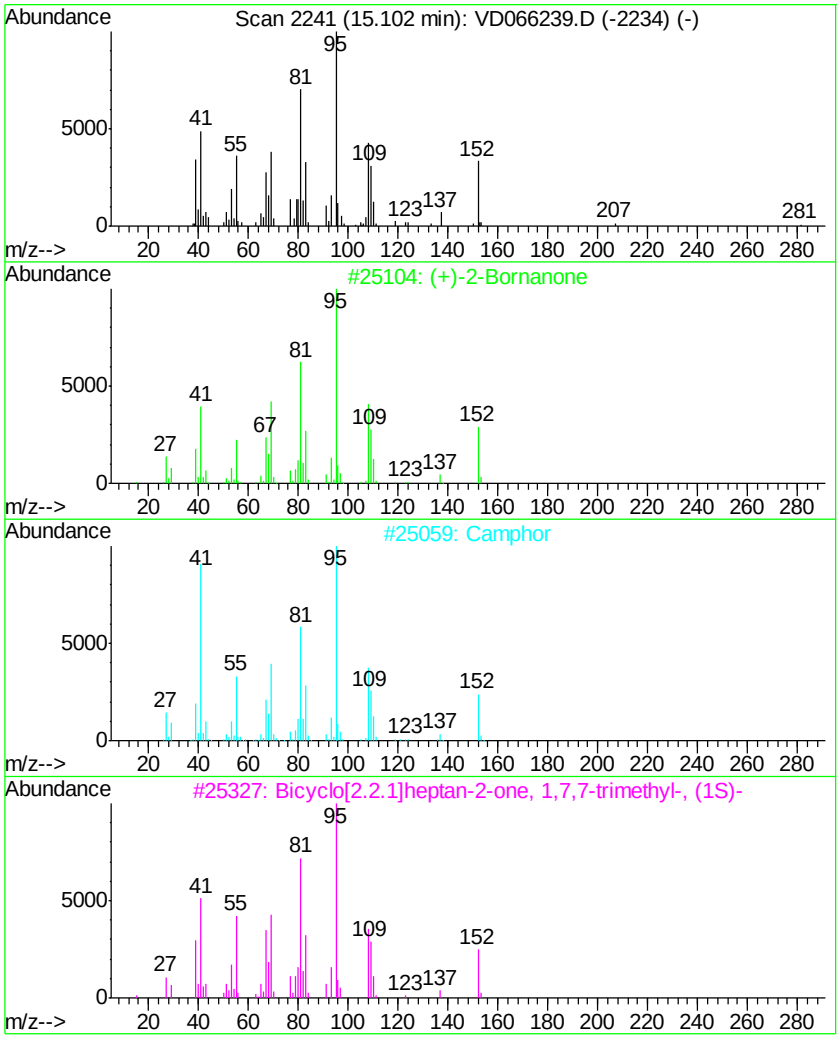
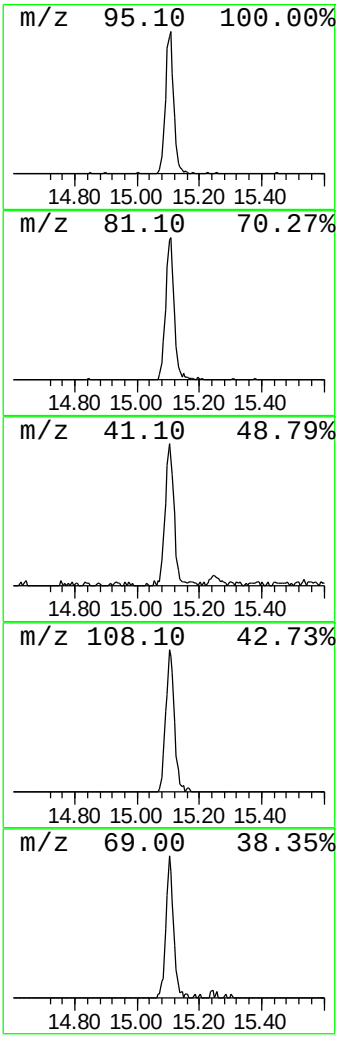
Peak Number 4 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.61 ug/l	283681	1,4-Dichlorobenzene-d4	13.58

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	96
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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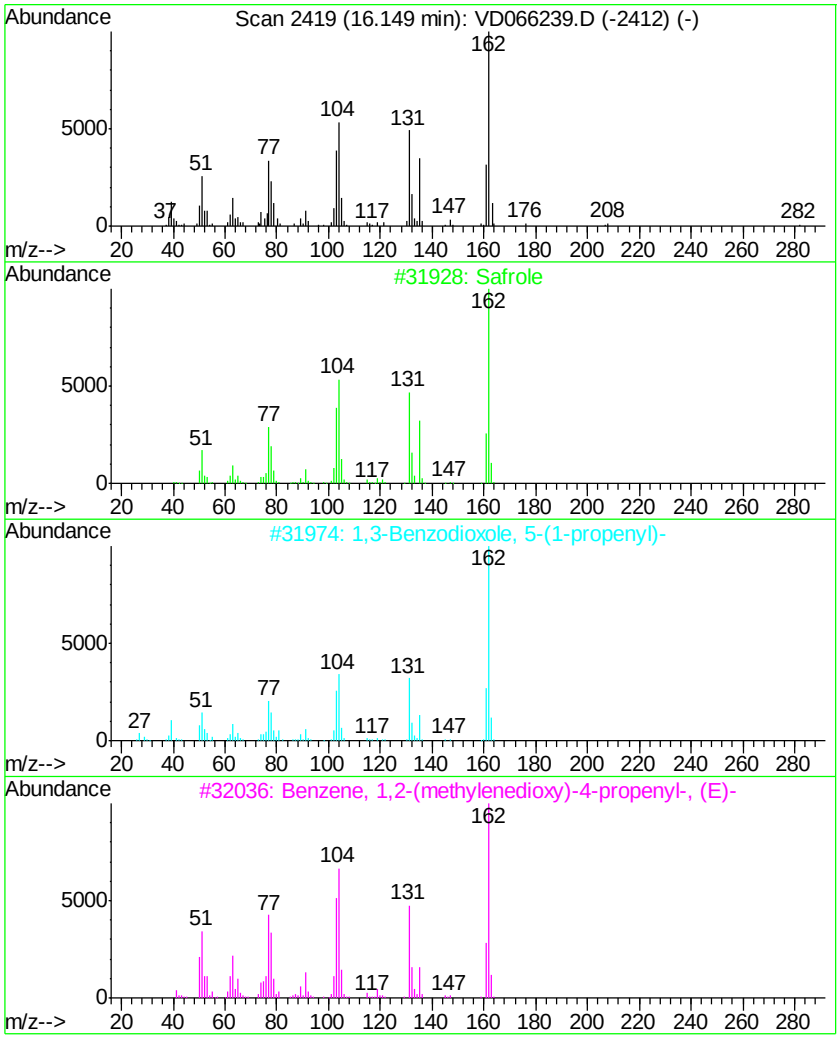
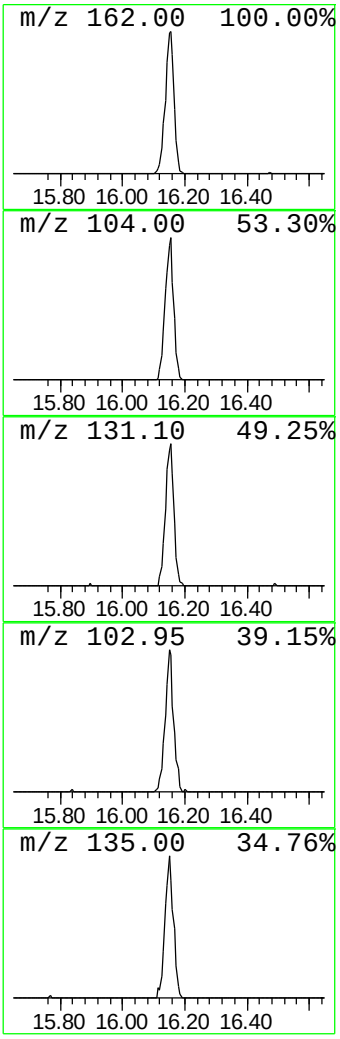
Peak Number 5 Safrole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.99 ug/l	260490	1,4-Dichlorobenzene-d4	13.58

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	97
3	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	96
4	1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	96
5	1,4-Dioxo-1,2,3,4-tetrahydrophth...	162	C8H6N2O2	001445-69-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081420\
Data File : VD066239.D
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Operator : VA/SY
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Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S409-K-SO-1-1.5-081220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Camphene	12.74	10.3	ug/l	384618	4	13.58	1863350	50.0
Bicyclo[3.1.1]hep...	13.04	7.0	ug/l	260071	4	13.58	1863350	50.0
(+)-2-Bornanone	15.10	7.6	ug/l	283681	4	13.58	1863350	50.0
Safrole	16.15	7.0	ug/l	260490	4	13.58	1863350	50.0