

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007819.D
 Acq On : 22 Dec 2018 01:54
 Operator : SY/AP
 Sample : J6386-20
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-0612-01

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\82W122118S.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	2.160	38	42	51	rBV3	4242	9130	4.49%	0.685%
2	4.123	352	364	374	rBV	11395	30662	15.09%	2.302%
3	4.903	484	492	510	rBB3	3653	13563	6.67%	1.018%
4	5.934	653	661	670	rBB5	1621	4315	2.12%	0.324%
5	7.153	851	861	873	rBV3	3920	12236	6.02%	0.919%
6	7.884	971	981	986	rBV	31858	78990	38.87%	5.930%
7	7.945	986	991	1002	rVB	71383	151352	74.48%	11.362%
8	8.305	1040	1050	1059	rVB	33953	76344	37.57%	5.731%
9	8.842	1130	1138	1146	rBV	104321	203198	100.00%	15.254%
10	10.323	1373	1381	1388	rBV	94887	163047	80.24%	12.240%
11	10.384	1388	1391	1397	rVB2	2487	4384	2.16%	0.329%
12	10.707	1439	1444	1452	rBB3	2743	5056	2.49%	0.380%
13	10.859	1464	1469	1475	rVB3	3804	6743	3.32%	0.506%
14	11.067	1498	1503	1511	rVB2	3490	5902	2.90%	0.443%
15	11.445	1560	1565	1570	rVB2	4194	6743	3.32%	0.506%
16	11.634	1588	1596	1608	rVV	99943	169050	83.19%	12.691%
17	11.835	1623	1629	1635	rBV2	1318	2819	1.39%	0.212%
18	12.371	1709	1717	1723	rBB	10956	18139	8.93%	1.362%
19	12.475	1727	1734	1742	rBB	39316	64699	31.84%	4.857%
20	12.621	1750	1758	1765	rBB2	54619	91763	45.16%	6.889%
21	12.719	1768	1774	1781	rBV	12869	21679	10.67%	1.627%
22	12.938	1806	1810	1819	rVV6	2304	5413	2.66%	0.406%
23	13.030	1819	1825	1831	rVB	12778	20284	9.98%	1.523%
24	13.280	1858	1866	1875	rBB	27879	47670	23.46%	3.579%
25	13.414	1880	1888	1893	rBV2	1649	2718	1.34%	0.204%
26	13.475	1893	1898	1902	rVV2	2966	4491	2.21%	0.337%
27	13.560	1906	1912	1918	rVV	58934	94569	46.54%	7.099%
28	14.078	1989	1997	2004	rBB2	3952	6641	3.27%	0.499%
29	14.341	2032	2040	2043	rBV3	1277	2086	1.03%	0.157%
30	15.072	2155	2160	2167	rBV4	3272	5630	2.77%	0.423%
31	15.505	2226	2231	2239	rVB	1516	2772	1.36%	0.208%

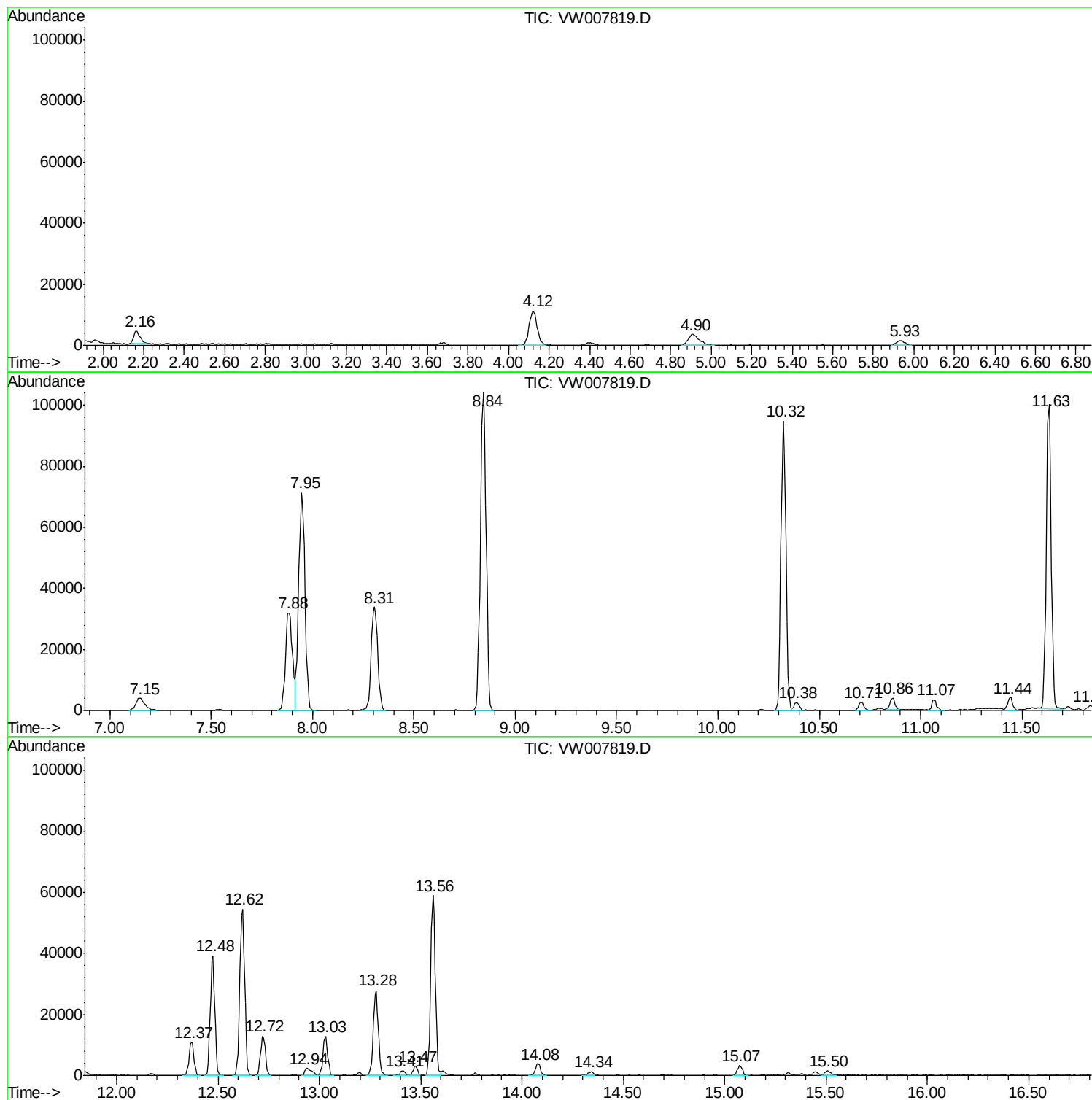
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



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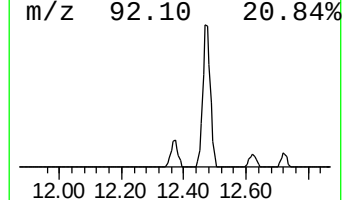
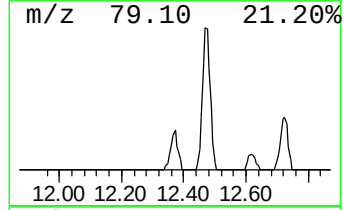
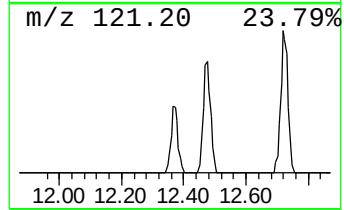
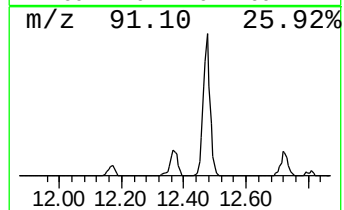
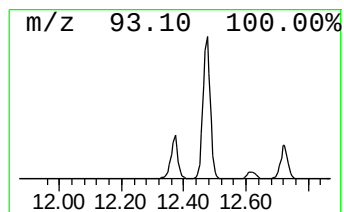
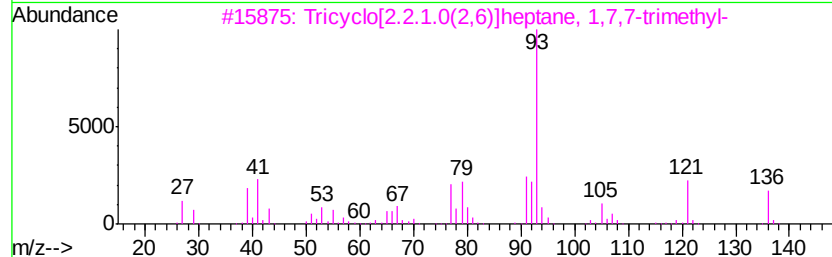
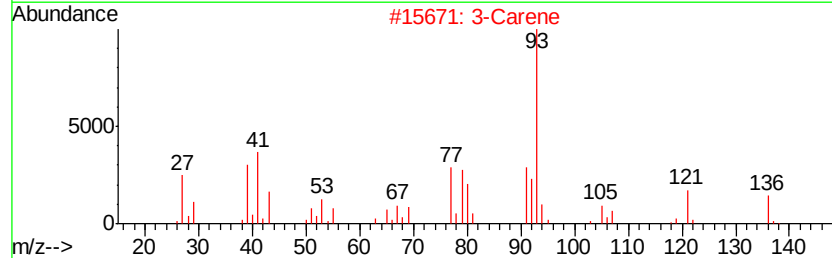
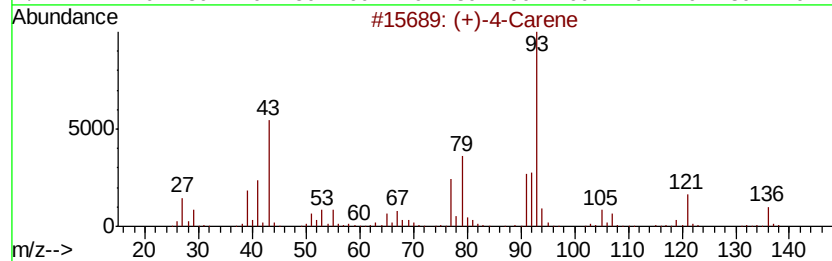
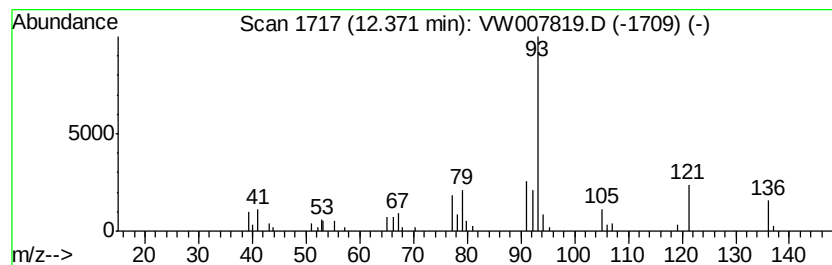
Instrument :
MSVOA_W
ClientSampleId :
P001-SS008-0612-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 1 (+)-4-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.37	5.36 ug/l	18139	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(+)-4-Carene	136	C10H16	029050-33-7	87
2		3-Carene	136	C10H16	013466-78-9	87
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
5		.gamma.-Terpinene	136	C10H16	000099-85-4	80



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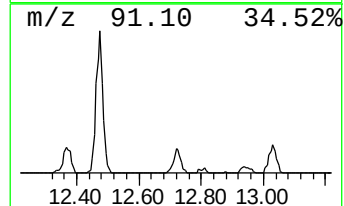
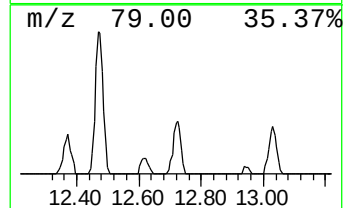
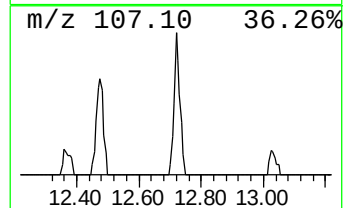
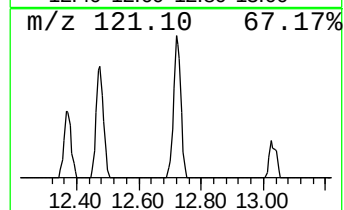
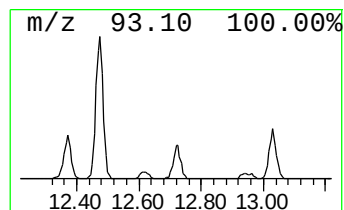
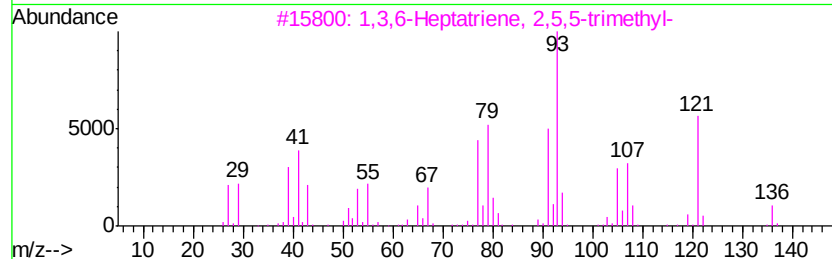
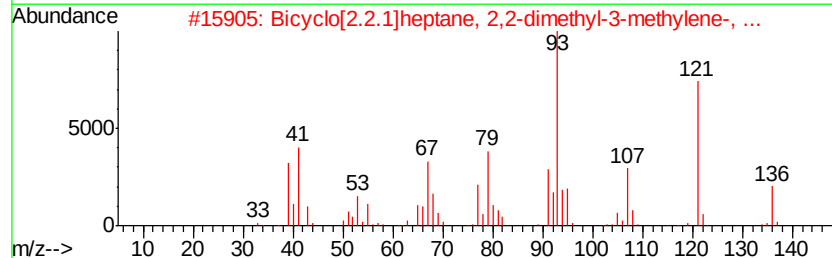
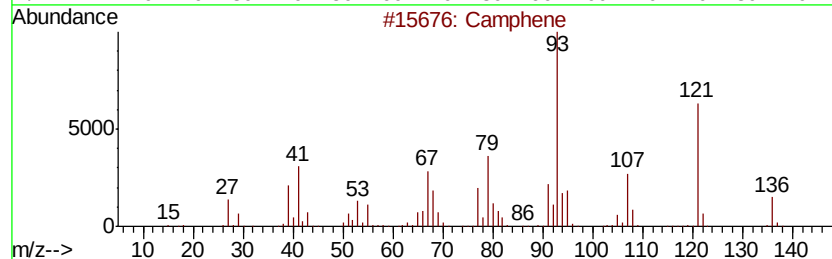
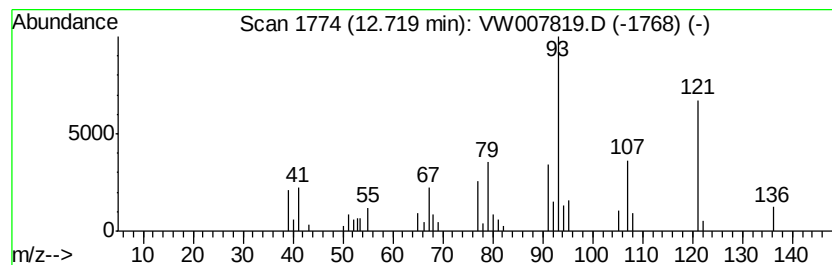
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Quant Title : SW846 8260

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

Peak Number 2 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	11.46 ug/l	21679	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	94
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	91
3		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4		.beta.-Pinene	136	C10H16	000127-91-3	83
5		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	72



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ALS Vial : 24 Sample Multiplier: 1

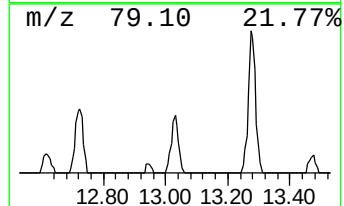
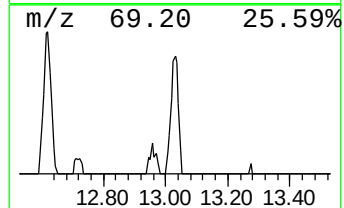
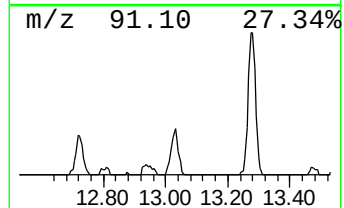
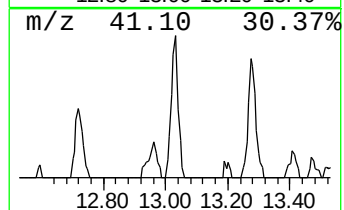
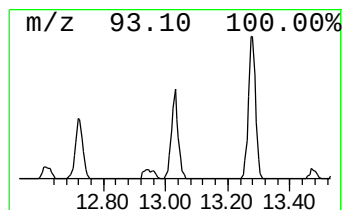
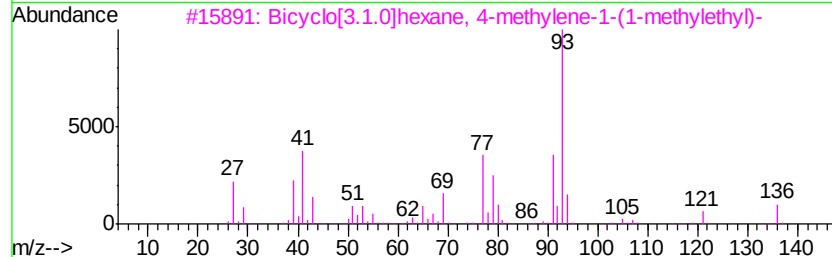
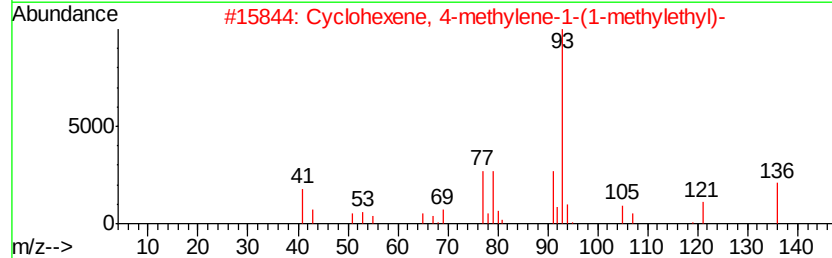
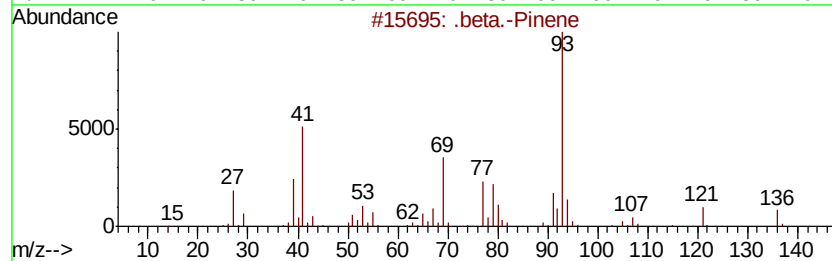
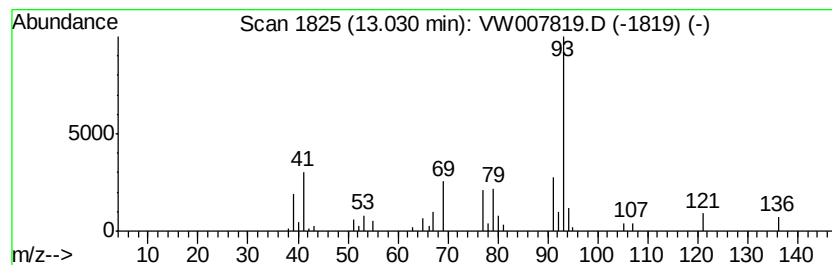
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ClientSampleId :
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Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	10.72 ug/l	20284	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 91
2		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
3		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 90
4		.alpha.-Pinene	136 C10H16	000080-56-8 83
5		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136 C10H16	028634-89-1 80



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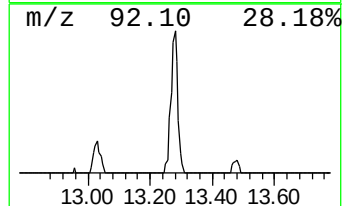
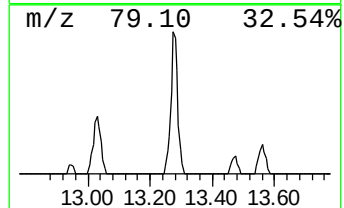
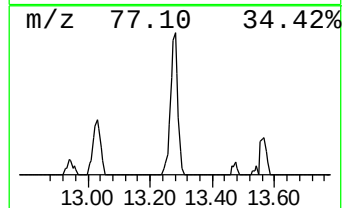
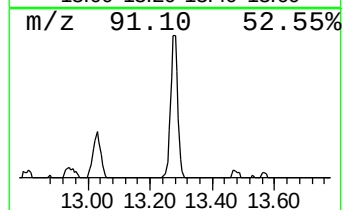
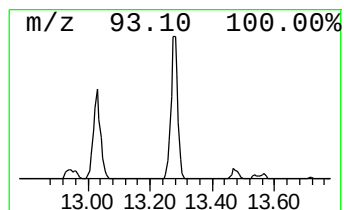
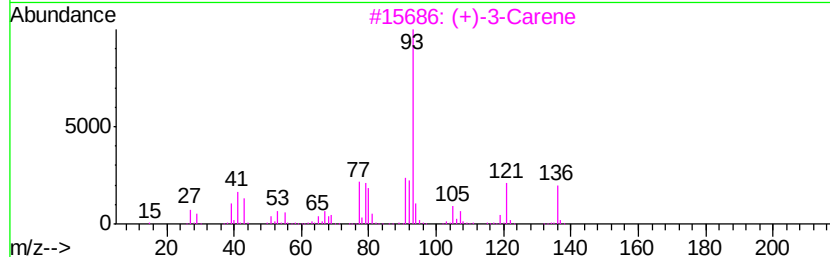
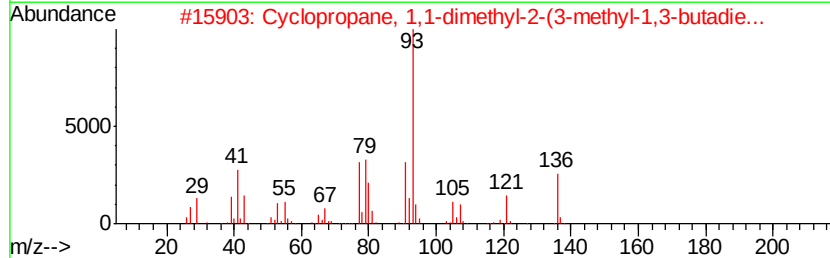
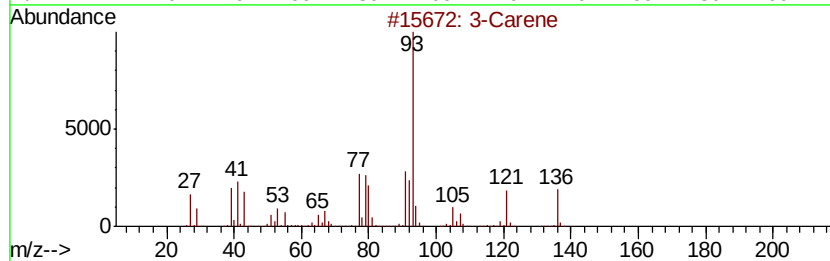
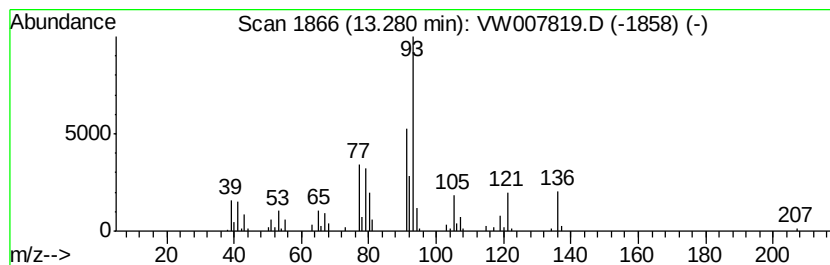
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Peak Number 4 3-Carene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	25.20 ug/l	47670	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Carene	136	C10H16	013466-78-9	95
2		Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	91
3		(+)-3-Carene	136	C10H16	000498-15-7	91
4		Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	91
5		.gamma.-Terpinene	136	C10H16	000099-85-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(+)-4-Carene	12.37	5.4	ug/l	18139	3	11.63	169050	50.0
Camphene	12.72	11.5	ug/l	21679	4	13.57	94569	50.0
.beta.-Pinene	13.03	10.7	ug/l	20284	4	13.57	94569	50.0
3-Carene	13.28	25.2	ug/l	47670	4	13.57	94569	50.0