LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001648.D
Acq On : 17 Feb 2020 16:01
Operator : SY/MD
Sample : L1365-09
Misc : 8.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-021420

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_Y\METHODS\82Y021720S.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	4.755	485	495	503	rBV4	4034	13755	1.41%	0.253%
2	7.742	974	985	991	rBV2	124643	295190	30.32%	5.423%
3	7.809	991	996	1007	rVB	220504	498410	51.19%	9.157%
4	8.163	1045	1054	1064	rBV	134405	290838	29.87%	5.343%
5	8.705	1133	1143	1154	rBV	359887	704209	72.32%	12.938%
6	10.187	1379	1386	1394	rBV	542750	973736	100.00%	17.890%
7	11.498	1592	1601	1612	rBV	490526	802389	82.40%	14.742%
8	11.705	1629	1635	1647	rBV	9093	18117	1.86%	0.333%
9	12.034	1680	1689	1695	rBV3	5292	10504	1.08%	0.193%
10	12.235	1714	1722	1729	rBV3	16408	30332	3.12%	0.557%
11	12.345	1732	1740	1748	rVV	90667	146160	15.01%	2.685%
12	12.491	1756	1764	1771	rBV	348478	553485	56.84%	10.169%
13	12.589	1772	1780	1787	rVB	169248	283507	29.12%	5.209%
14	12.833	1812	1820	1825	rBV5	9002	21402	2.20%	0.393%
15	12.900	1825	1831	1838	rVB2	10278	16900	1.74%	0.310%
16	13.345	1895	1904	1912	rBV2	55017	88329	9.07%	1.623%
17	13.430	1912	1918	1925	rVV	417570	641413	65.87%	11.784%
18	13.759	1966	1972	1978	rVB	25487	33315	3.42%	0.612%
19	14.948	2157	2167	2173	rBV8	5726	10563	1.08%	0.194%
20	15.241	2210	2215	2221	rVB2	6252	10417	1.07%	0.191%

Sum of corrected areas: 5442971

LSC Report - Integrated Chromatogram

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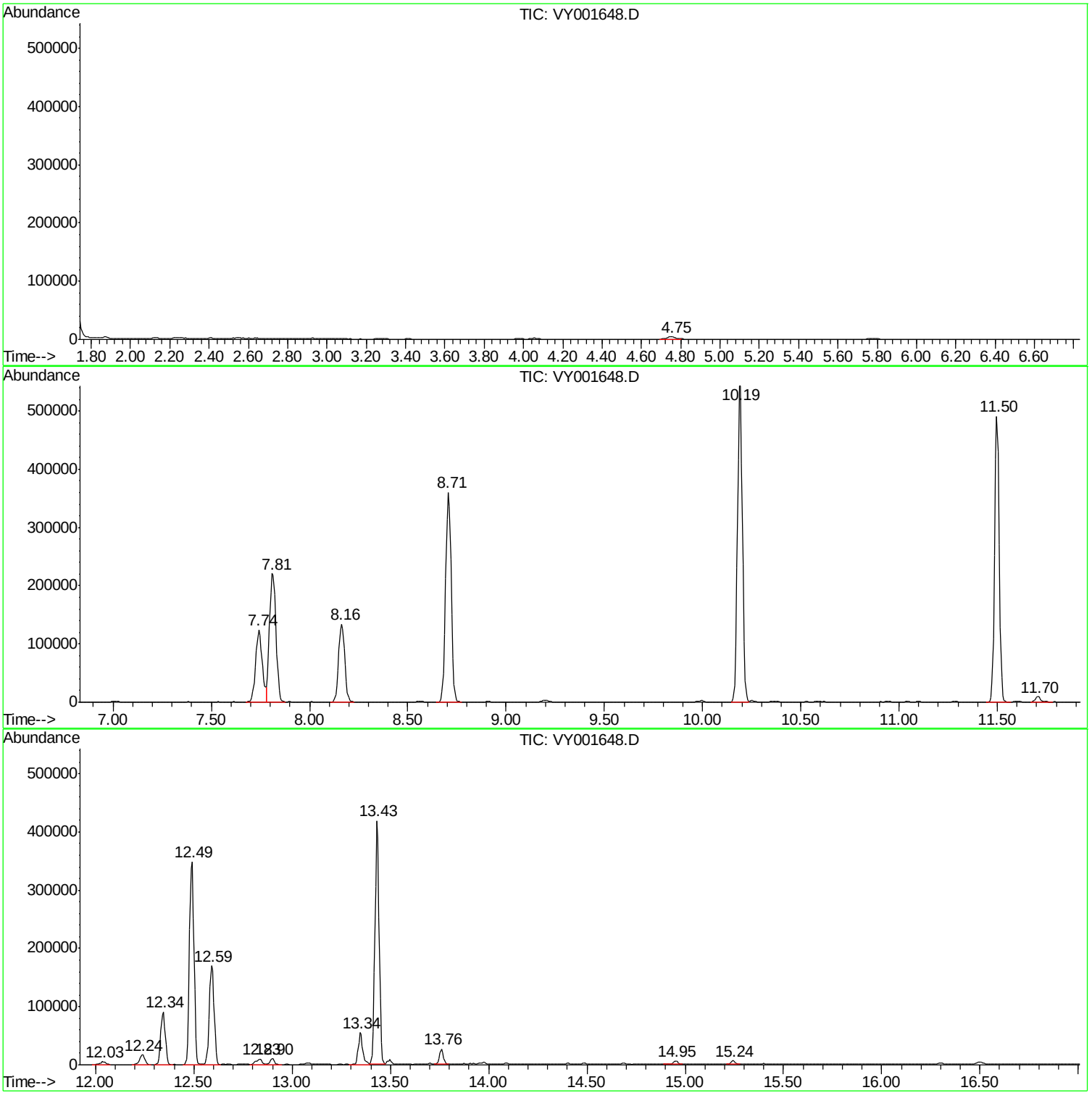
ClientSampleId : CL-02-021420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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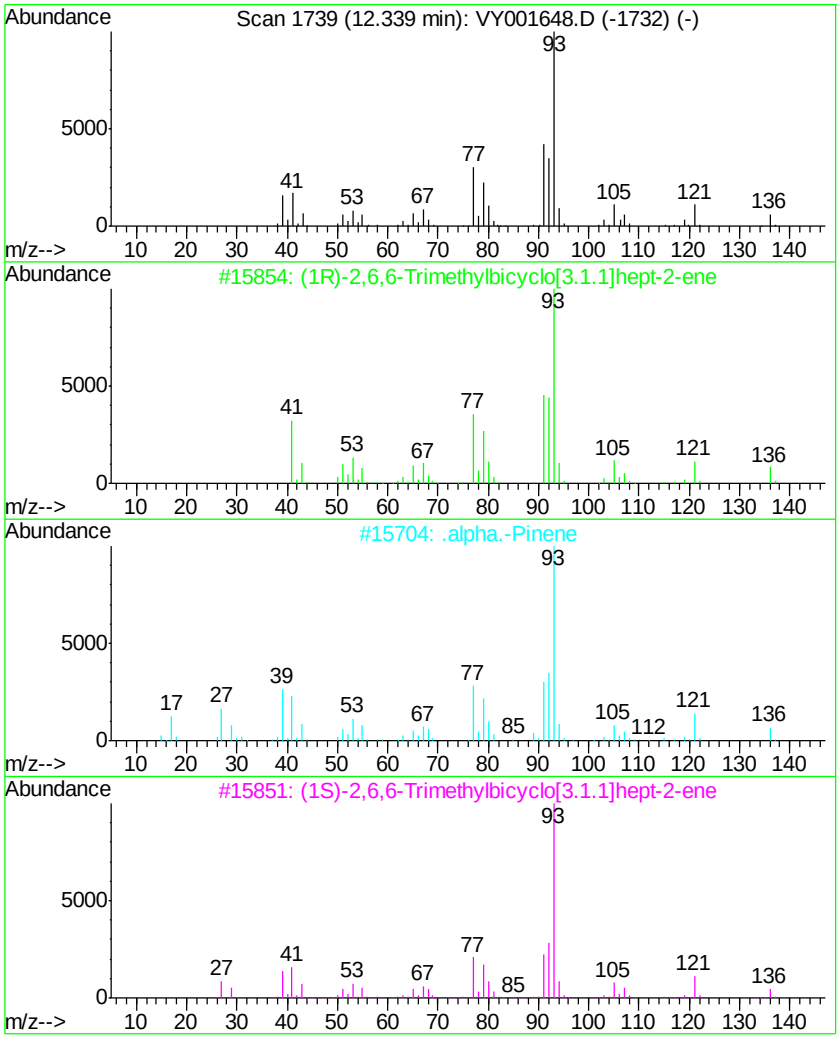
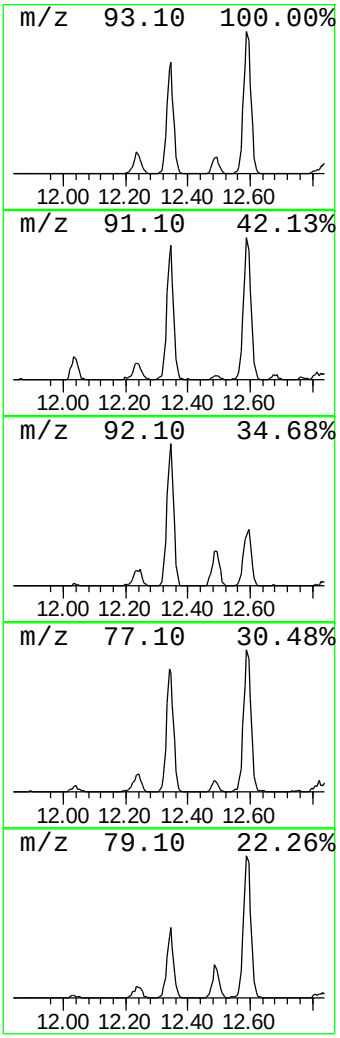
Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	9.11 ug/l	146160	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	3-Carene	136	C10H16	013466-78-9	90
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-021420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

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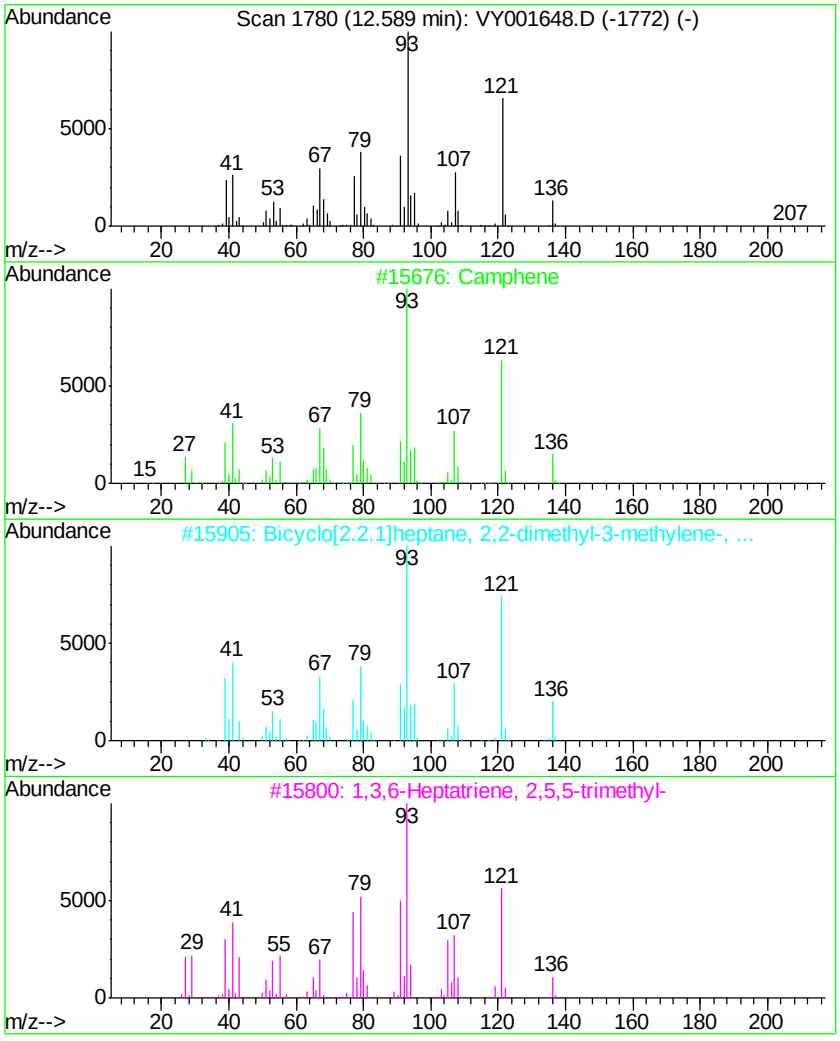
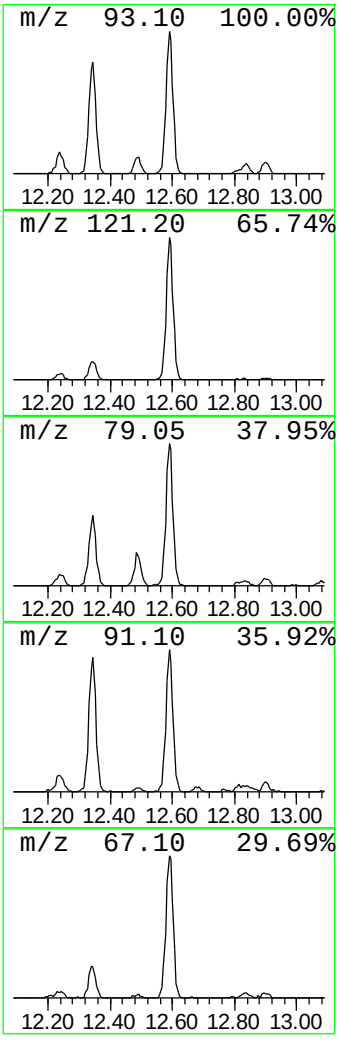
Peak Number 2 Camphene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	22.10 ug/l	283507	1,4-Dichlorobenzene-d4	13.43

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	94
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4	(+)-4-Carene	136	C10H16	029050-33-7	87
5	2-Carene	136	C10H16	000554-61-0	87





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-021420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

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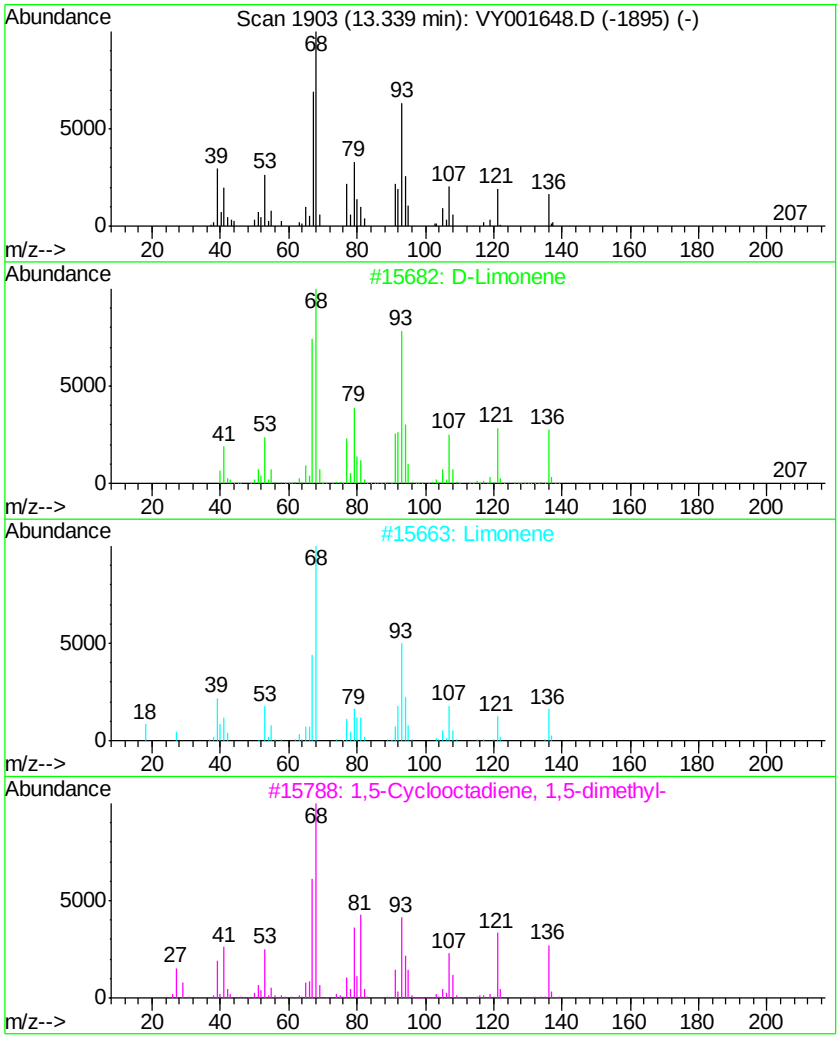
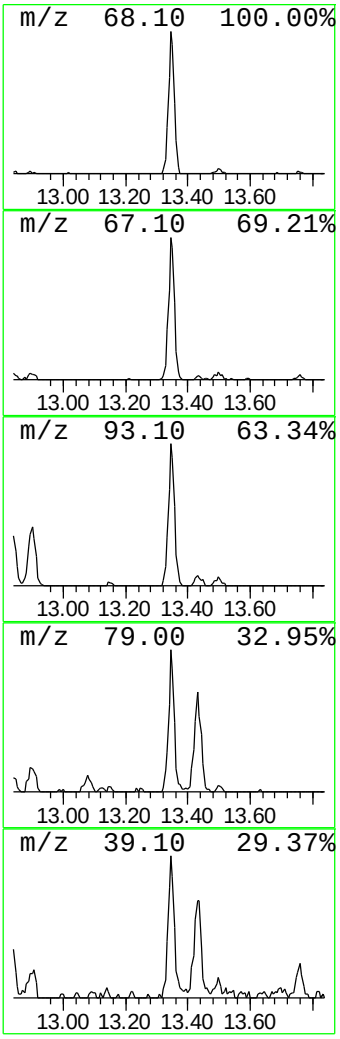
Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	6.89 ug/l	88329	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Limonene	136	C10H16	000138-86-3	90
3	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	87
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	72





Tentatively Identified Compound (LSC) summary

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Misc : 8.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-021420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.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
(1R)-2,6,6-Trimet...	12.34	9.1	ug/l	146160	3	11.50	802389	50.0
Camphene	12.59	22.1	ug/l	283507	4	13.43	641413	50.0
D-Limonene	13.34	6.9	ug/l	88329	4	13.43	641413	50.0