LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003415.D
Acq On : 03 Aug 2020 14:27
Operator : SY/MD
Sample : L3512-03
Misc : 7.16G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

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\82Y073120S.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	2.115	57	62	66	rBV	16823	29530	1.38%	0.220%
2	2.219	74	79	85	rBV3	16920	31437	1.47%	0.235%
3	4.725	481	490	502	rBV2	30823	97345	4.54%	0.726%
4	7.273	896	908	920	rBV2	225199	590316	27.55%	4.405%
5	7.724	971	982	988	rBV	302614	741653	34.61%	5.535%
6	7.797	988	994	1007	rVB	531697	1193870	55.72%	8.910%
7	8.145	1041	1051	1062	rBV	286588	633722	29.58%	4.729%
8	8.693	1131	1141	1154	rBV	809943	1562048	72.90%	11.657%
9	10.181	1377	1385	1392	rBV	1238689	2142676	100.00%	15.991%
10	10.242	1392	1395	1401	rVB	16275	28235	1.32%	0.211%
11	11.406	1576	1586	1587	rBV8	57076	136669	6.38%	1.020%
12	11.486	1593	1599	1623	rVB	1131190	2125029	99.18%	15.859%
13	12.333	1732	1738	1745	rBV	392205	628113	29.31%	4.688%
14	12.479	1756	1762	1769	rVB	794877	1226632	57.25%	9.154%
15	12.583	1774	1779	1785	rVB2	44297	75578	3.53%	0.564%
16	12.888	1825	1829	1839	rVB	89438	173850	8.11%	1.297%
17	13.077	1853	1860	1874	rVB7	141982	603364	28.16%	4.503%
18	13.424	1911	1917	1924	rBV	829990	1315735	61.41%	9.819%
19	14.936	2162	2165	2170	rBV6	15766	27972	1.31%	0.209%
20	15.095	2187	2191	2193	rBV4	24248	35860	1.67%	0.268%

Sum of corrected areas: 13399634

LSC Report - Integrated Chromatogram

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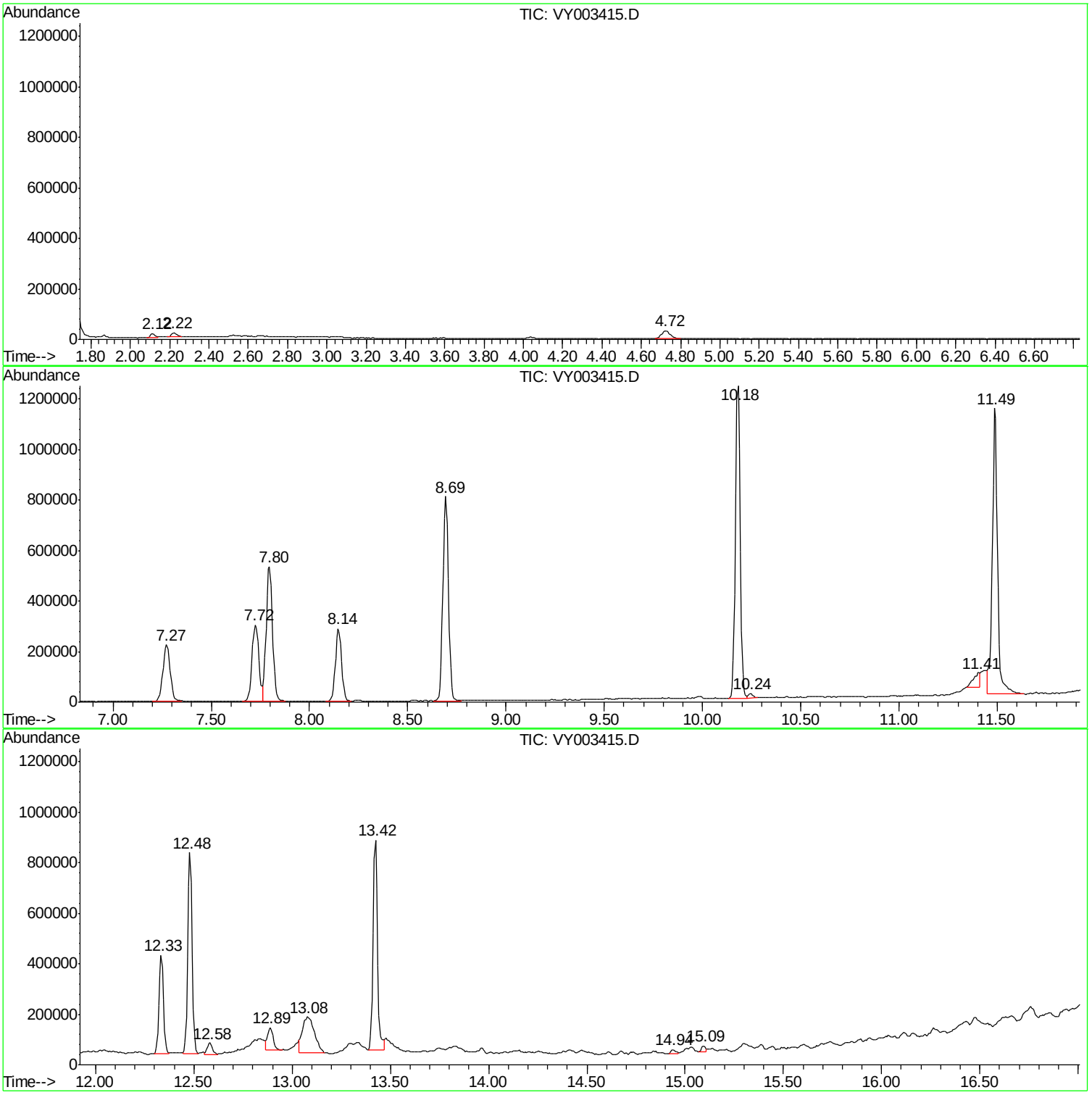
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VY003415.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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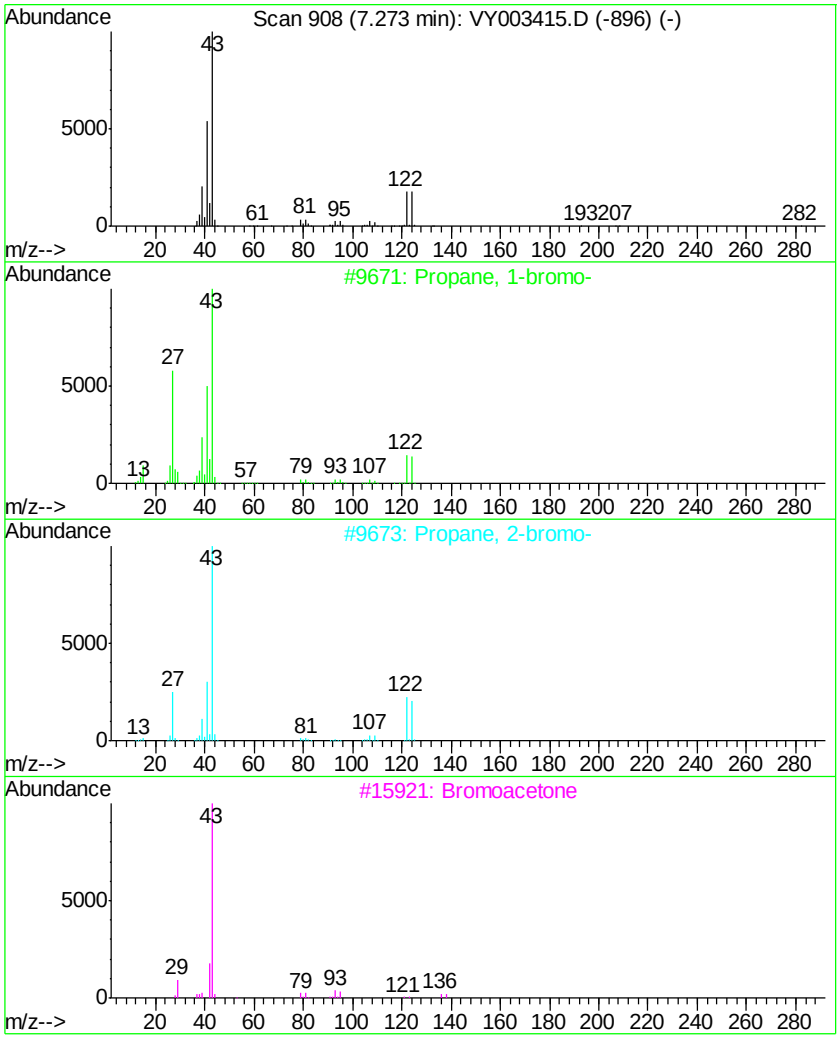
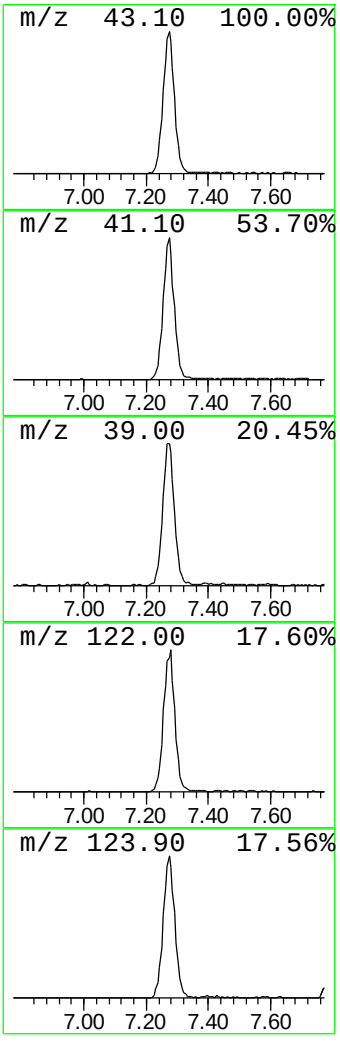
Peak Number 1 Propane, 1-bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	24.72 ug/l	590316	Pentafluorobenzene	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-	122	C3H7Br	000106-94-5	91
2	Propane, 2-bromo-	122	C3H7Br	000075-26-3	53
3	Bromoacetone	136	C3H5BrO	000598-31-2	32
4	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	25
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	23





Library Search Compound Report

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Data File : VY003415.D
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Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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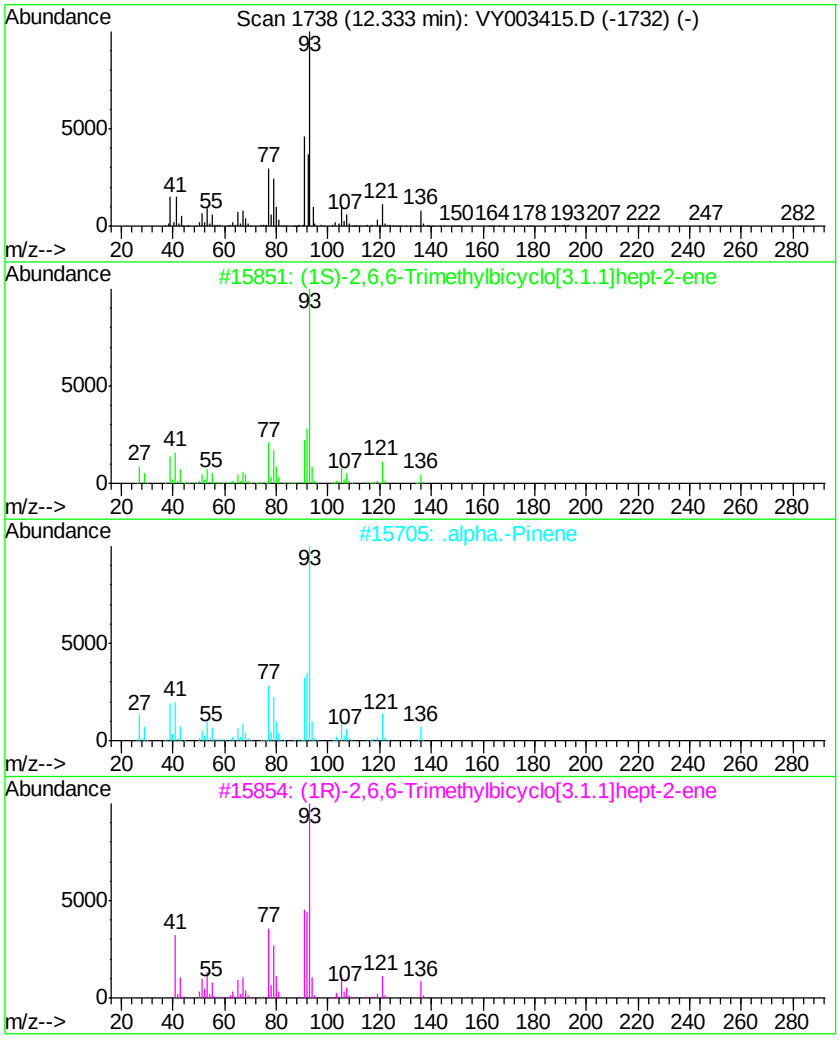
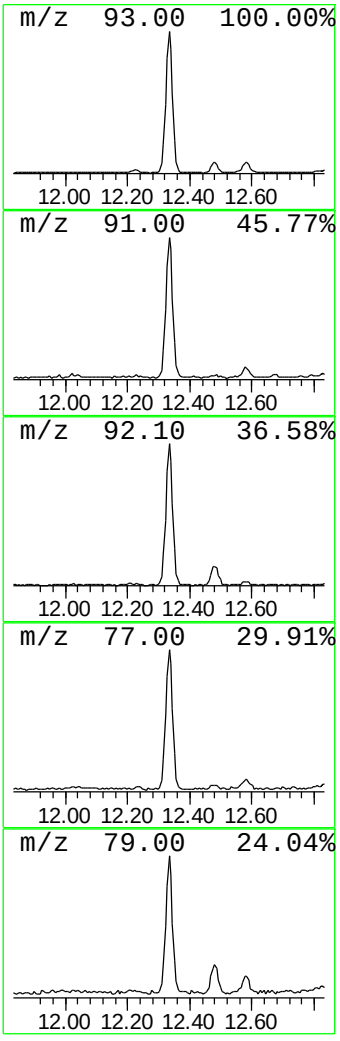
Peak Number 2 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	14.78 ug/l	628113	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	96
2	.alpha.-Pinene	136	C10H16	000080-56-8	96
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	3-Carene	136	C10H16	013466-78-9	91





Library Search Compound Report

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Data File : VY003415.D
Acq On : 03 Aug 2020 14:27
Operator : SY/MD
Sample : L3512-03
Misc : 7.16G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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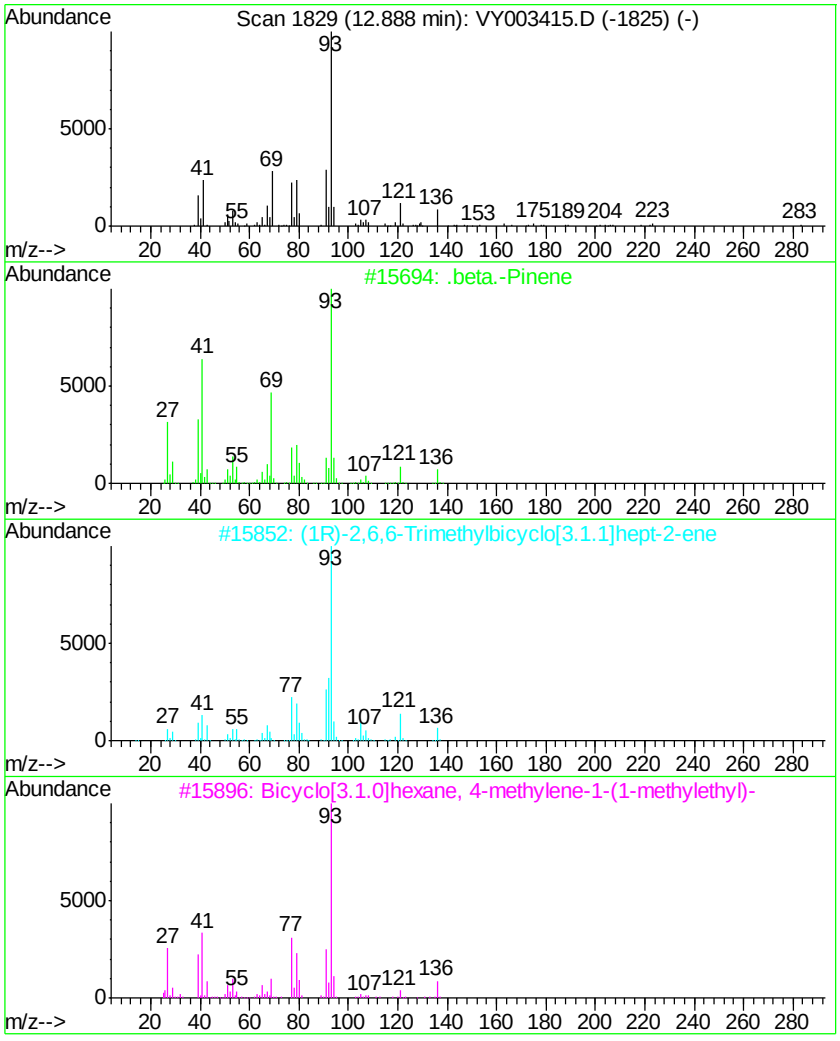
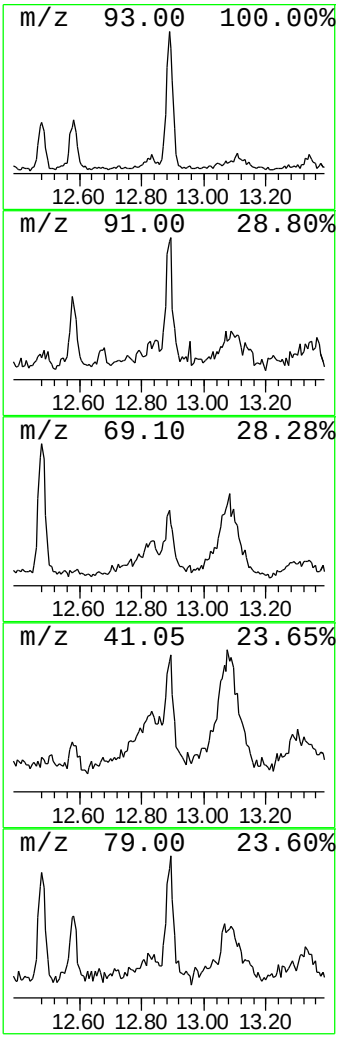
Peak Number 3 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	6.61 ug/l	173850	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	86
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	83
3	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	80
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	80
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	74





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Data File : VY003415.D
Acq On : 03 Aug 2020 14:27
Operator : SY/MD
Sample : L3512-03
Misc : 7.16G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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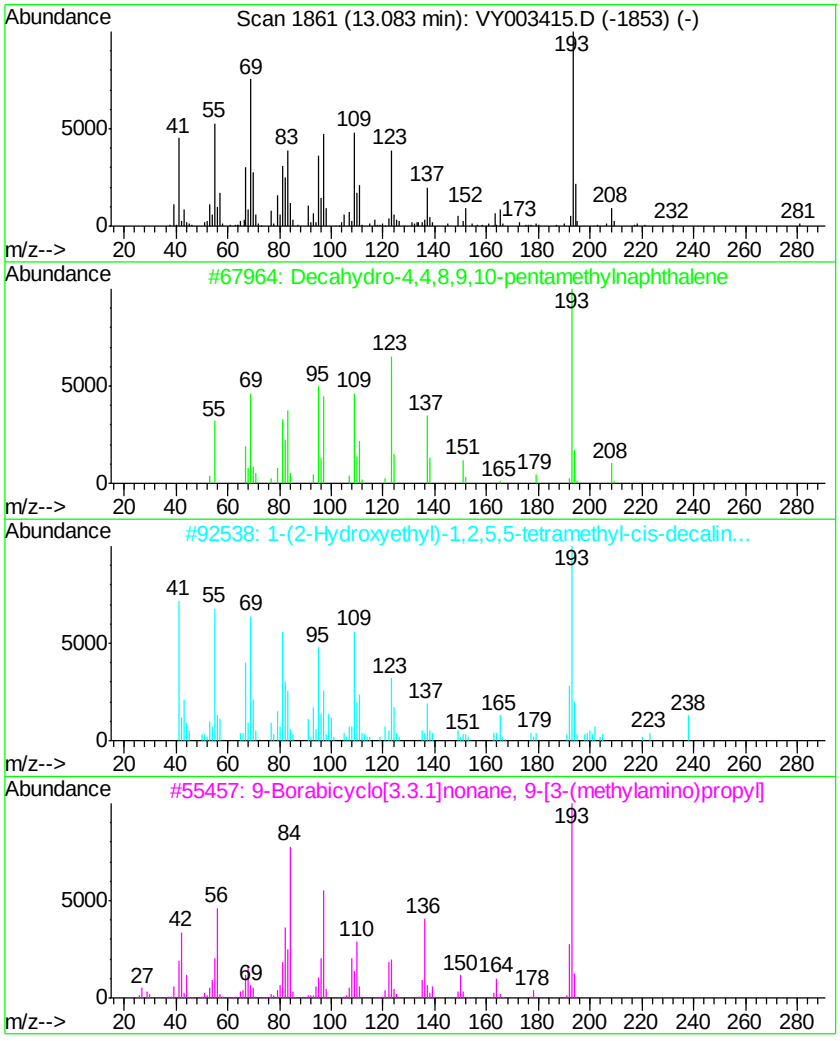
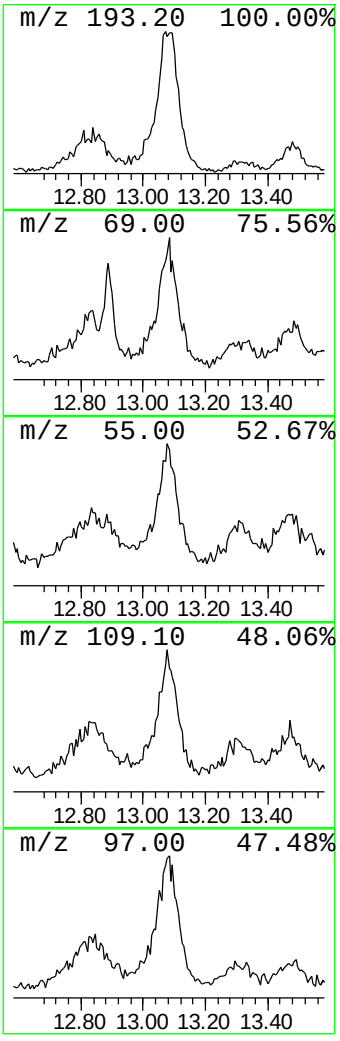
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	22.93 ug/l	603364	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	59
3	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
4	2-Anthracenamine	193	C14H11N	000613-13-8	30
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	30





Tentatively Identified Compound (LSC) summary

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Data File : VY003415.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ROLLOFF-72-11982

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.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
Propane, 1-bromo-	7.27	24.7	ug/l	590316	1	7.80	1193870	50.0
(1S)-2,6,6-Trimet...	12.33	14.8	ug/l	628113	3	11.49	2125030	50.0
.beta.-Pinene	12.89	6.6	ug/l	173850	4	13.42	1315740	50.0
Decahydro-4,4,8,9...	13.08	22.9	ug/l	603364	4	13.42	1315740	50.0