LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051867.D
Acq On : 15 Oct 2018 12:02
Operator : MD\SY
Sample : J5512-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE-SEP

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_N\METHODS\624N101218W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.818	616	636	672	rBV	663534	1790997	13.82%	7.433%
2	4.066	695	713	737	rBV2	164374	477370	3.68%	1.981%
3	7.201	1668	1688	1712	rBV2	256583	708668	5.47%	2.941%
4	7.375	1724	1742	1765	rVB	218510	580735	4.48%	2.410%
5	8.030	1927	1946	1970	rBV	253420	601451	4.64%	2.496%
6	8.587	2103	2119	2146	rBV	665289	1392619	10.75%	5.780%
7	10.091	2572	2587	2595	rBV	982300	1805118	13.93%	7.492%
8	10.156	2595	2607	2664	rVB	7005564	12959425	100.00%	53.786%
9	11.407	2982	2996	3021	rBV	840733	1528350	11.79%	6.343%
10	11.805	3108	3120	3135	rVB	326896	508644	3.92%	2.111%
11	12.403	3292	3306	3328	rBV	575394	1028935	7.94%	4.270%
12	13.165	3529	3543	3557	rVB3	83879	158717	1.22%	0.659%
13	13.287	3572	3581	3592	rVB	252045	406740	3.14%	1.688%
14	14.902	4075	4083	4094	rVB2	88536	146687	1.13%	0.609%

Sum of corrected areas: 24094456

LSC Report - Integrated Chromatogram

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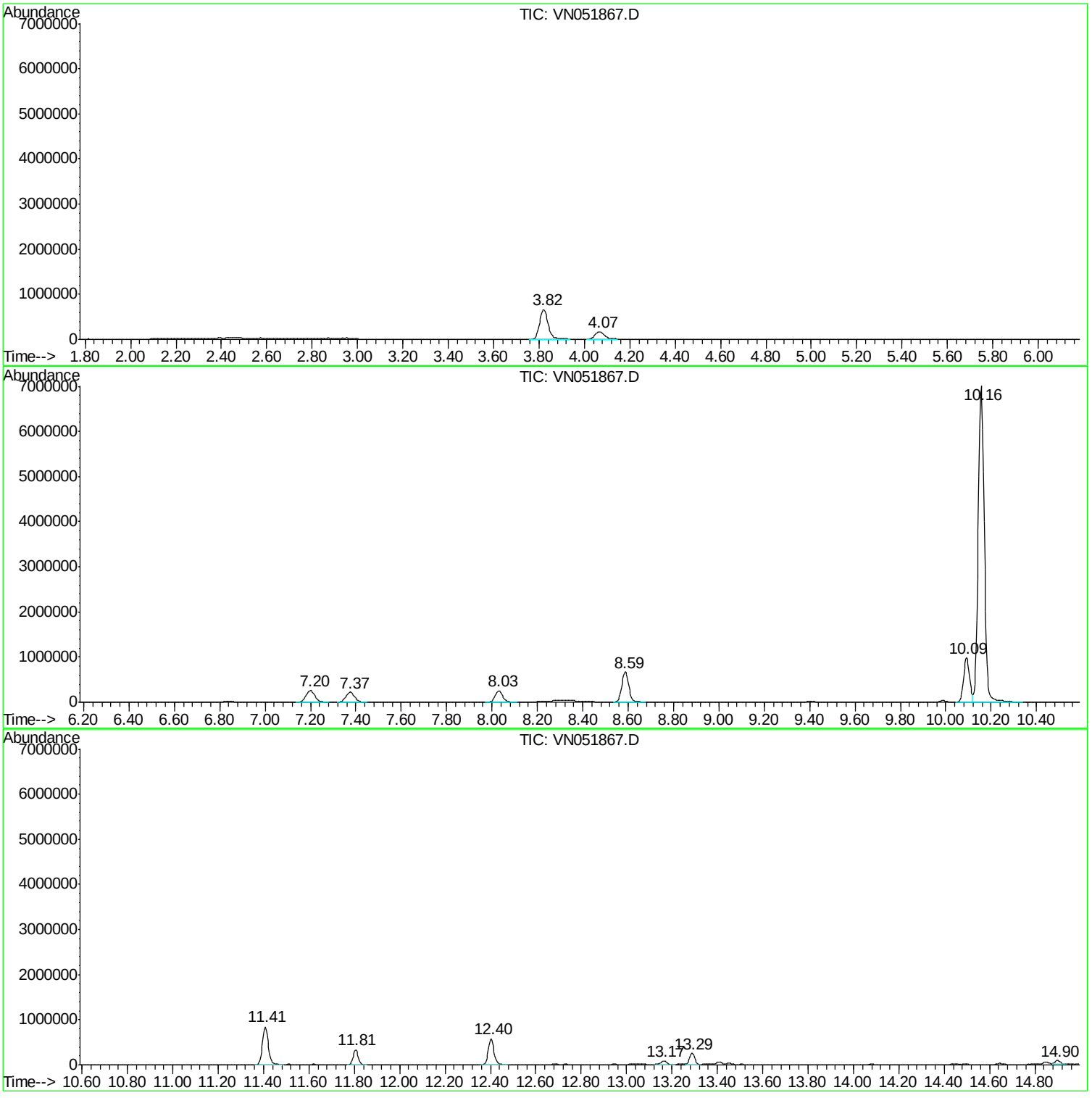
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-SEP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051867.D
Acq On : 15 Oct 2018 12:02
Operator : MD\SY
Sample : J5512-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE-SEP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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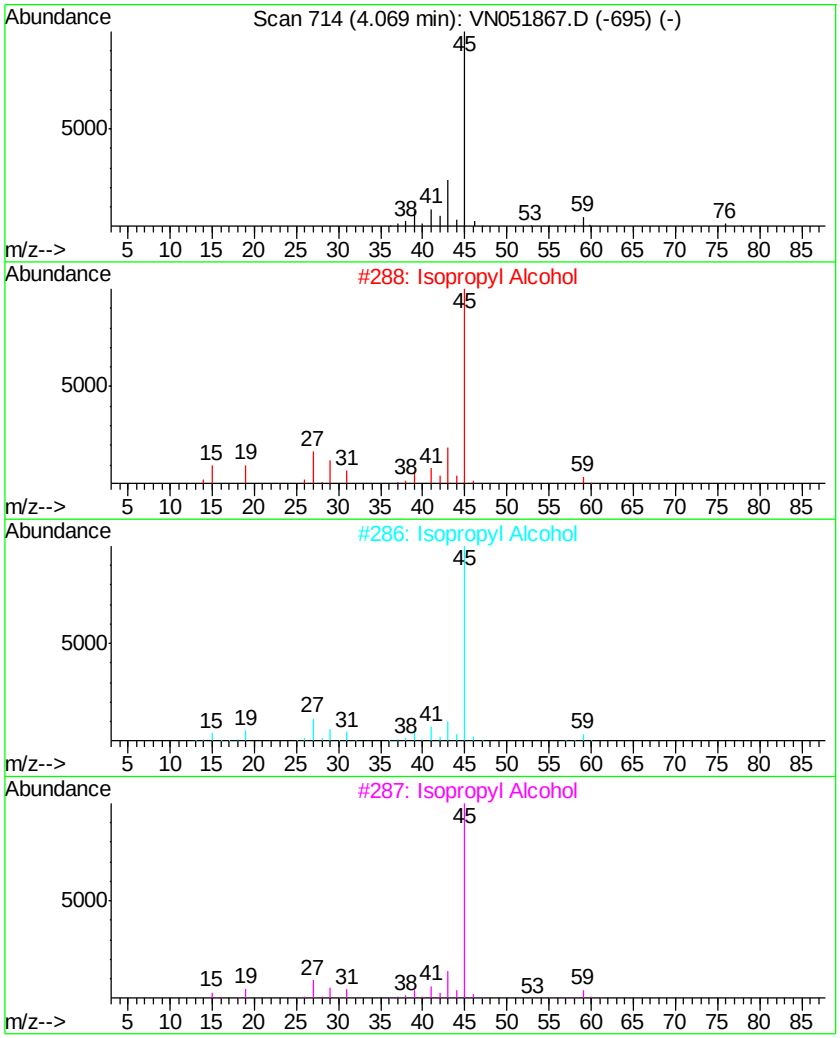
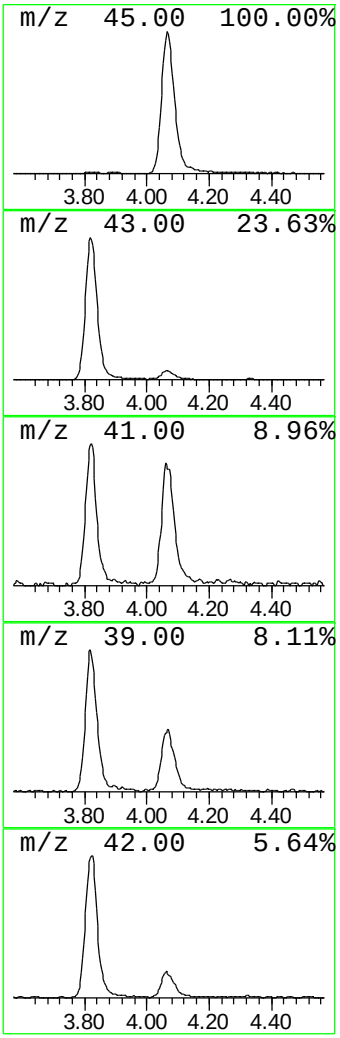
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	20.21 ug/l	477370	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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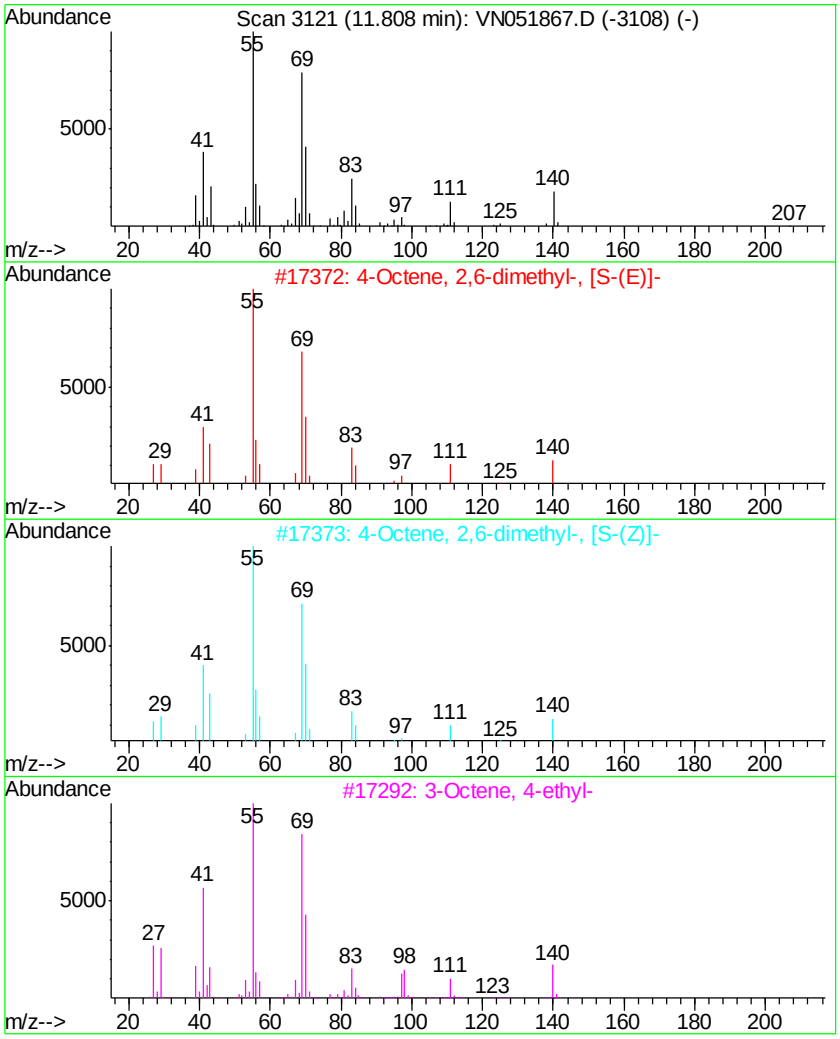
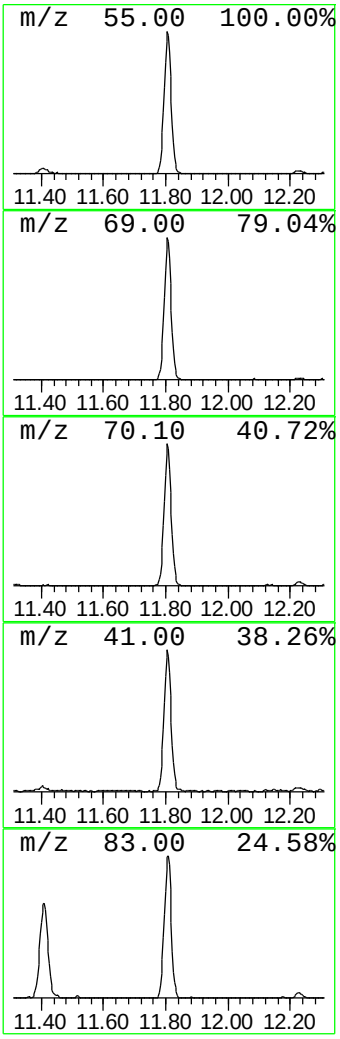
Peak Number 2 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	9.98 ug/l	508644	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	95
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	91
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	83
4	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	68
5	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	64





Library Search Compound Report

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Sample : J5512-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-SEP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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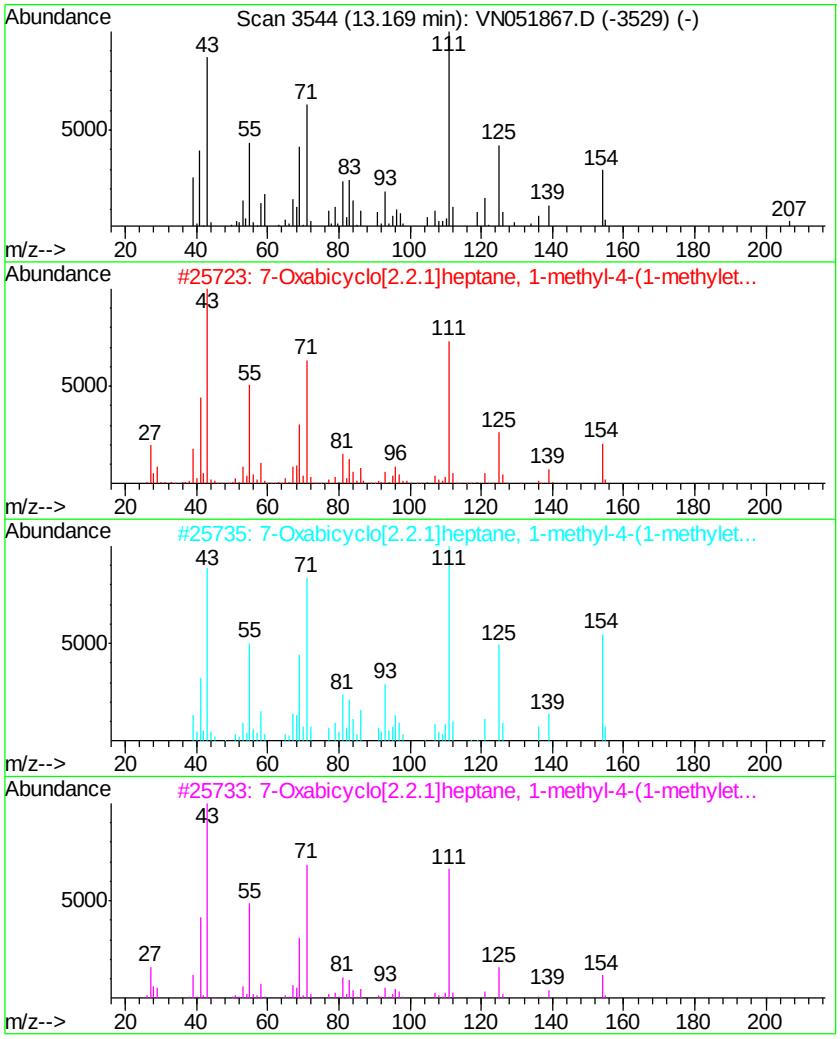
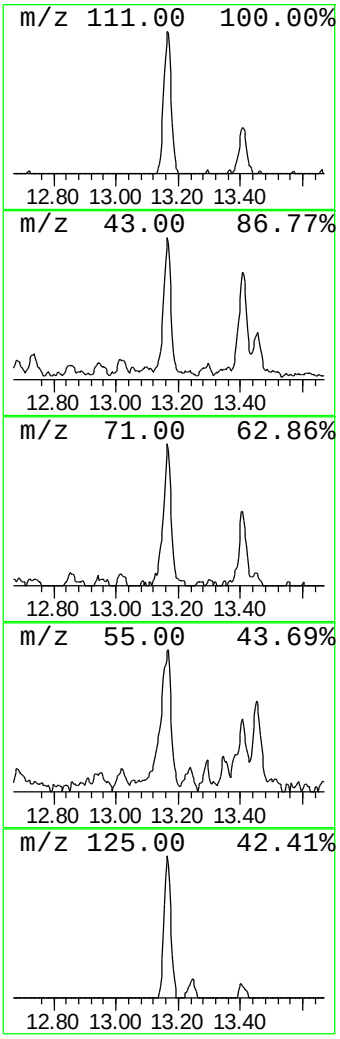
Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.12 ug/l	158717	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	70
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	62
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	58
5	4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	43





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.07	20.2	ug/l	477370	1	7.20	708668	30.0
4-Octene, 2,6-dim...	11.81	10.0	ug/l	508644	3	11.41	1528350	30.0
7-Oxabicyclo[2.2....	13.17	3.1	ug/l	158717	3	11.41	1528350	30.0