LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

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_X\METHOD\624X061818W.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	1.581	160	163	169	rVB	167079	186559	1.36%	0.549%
2	2.447	298	305	322	rBV	2887916	5089525	37.11%	14.975%
3	2.623	323	334	353	rBV	1744693	3378839	24.64%	9.942%
4	4.714	668	677	686	rBV	48987	139289	1.02%	0.410%
5	5.025	714	728	745	rBV	112865	335774	2.45%	0.988%
6	6.074	888	900	917	rBV	115958	305559	2.23%	0.899%
7	6.866	1019	1030	1045	rBV	261107	619683	4.52%	1.823%
8	8.720	1328	1334	1339	rBV	523418	789679	5.76%	2.323%
9	8.793	1339	1346	1362	rVB	8591211	13715451	100.00%	40.355%
10	10.116	1550	1563	1576	rBV	548143	751015	5.48%	2.210%
11	10.597	1633	1642	1648	rBV	1119004	1427602	10.41%	4.200%
12	11.140	1726	1731	1738	rVB	509780	642277	4.68%	1.890%
13	11.238	1741	1747	1755	rVB3	114174	211471	1.54%	0.622%
14	11.945	1858	1863	1869	rBV	472971	607471	4.43%	1.787%
15	12.006	1869	1873	1879	rBV	107181	144314	1.05%	0.425%
16	12.067	1879	1883	1888	rVV	1187788	1374718	10.02%	4.045%
17	12.164	1892	1899	1912	rVB	373522	553618	4.04%	1.629%
18	12.274	1912	1917	1924	rBV	643253	805530	5.87%	2.370%
19	13.396	2097	2101	2110	rVB	397641	479885	3.50%	1.412%
20	13.573	2120	2130	2134	rBV	699455	958935	6.99%	2.822%
21	13.627	2134	2139	2148	rVB	1069157	1469469	10.71%	4.324%

Sum of corrected areas: 33986663

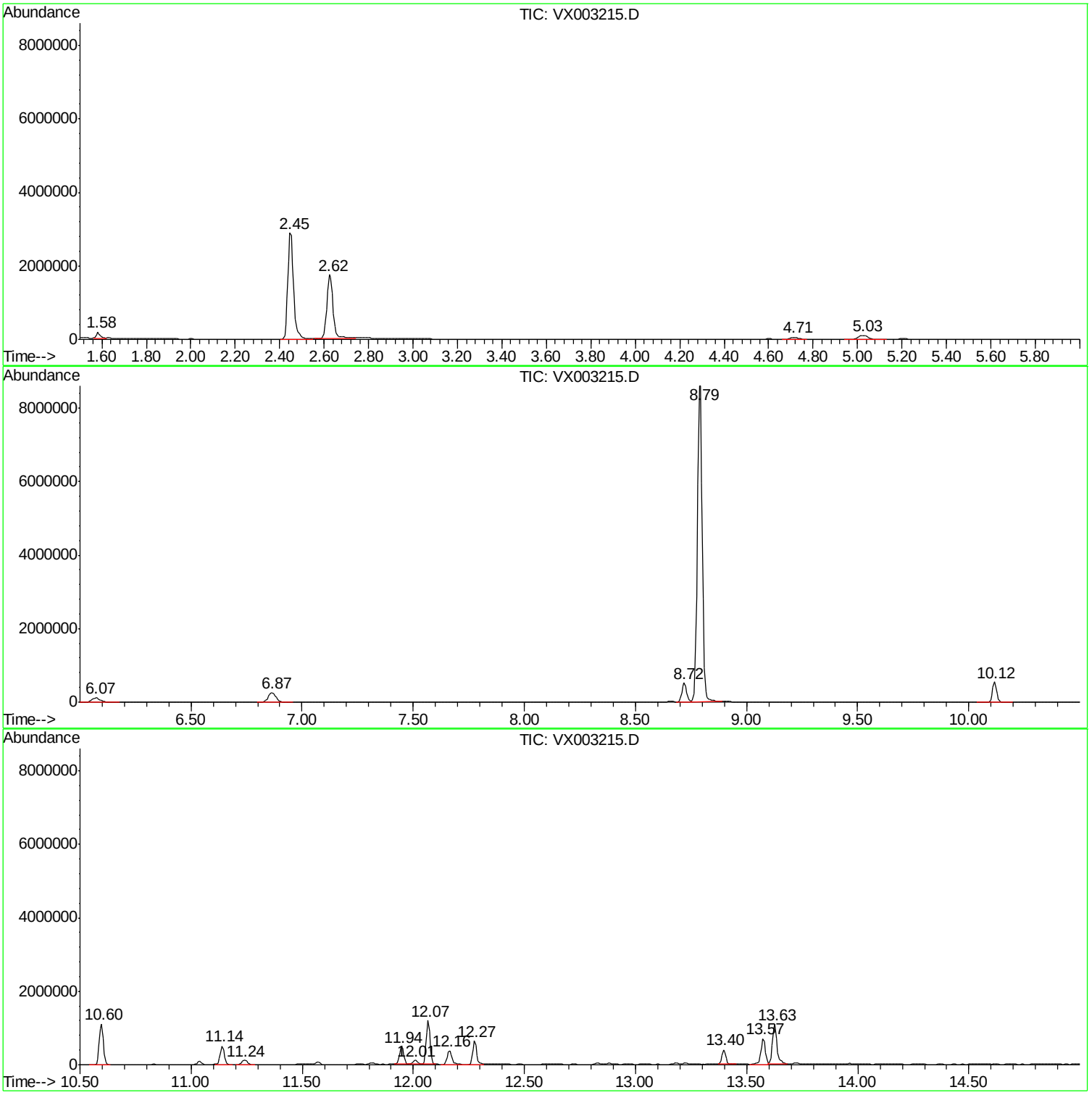
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.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_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

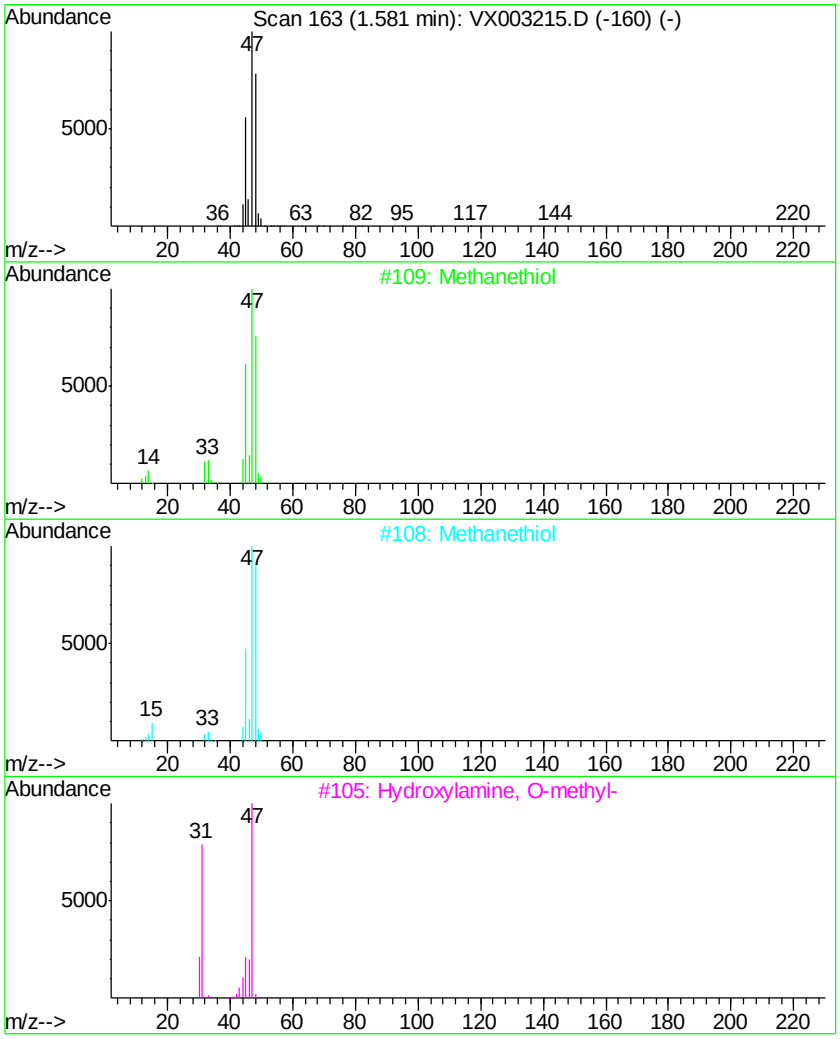
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

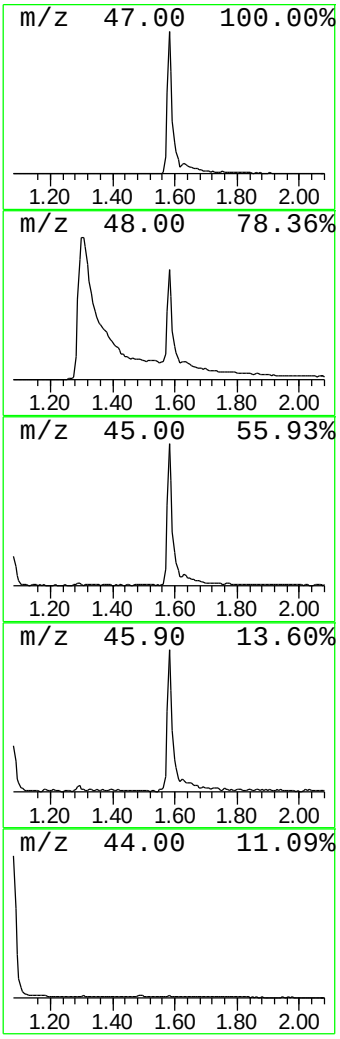
****

Peak Number 1 Methanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.58	16.67 ug/l	186559	Bromochloromethane	5.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	9
4	Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	9
5	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

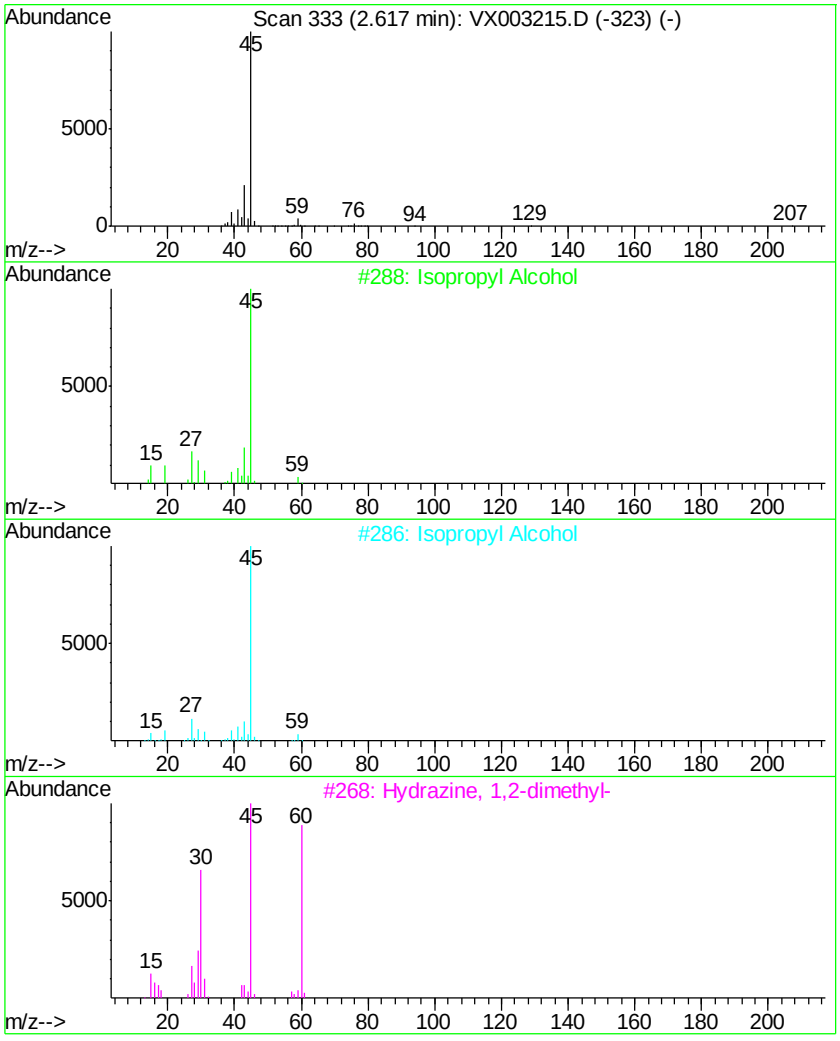
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

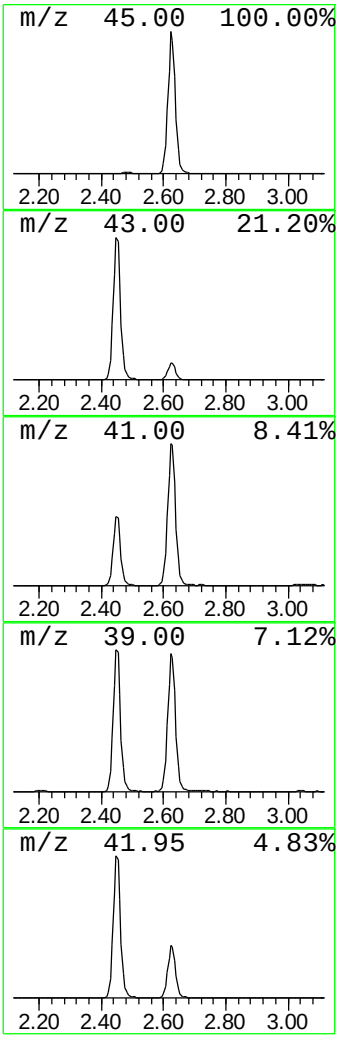
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	301.89 ug/l	3378840	Bromochloromethane	5.03

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	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

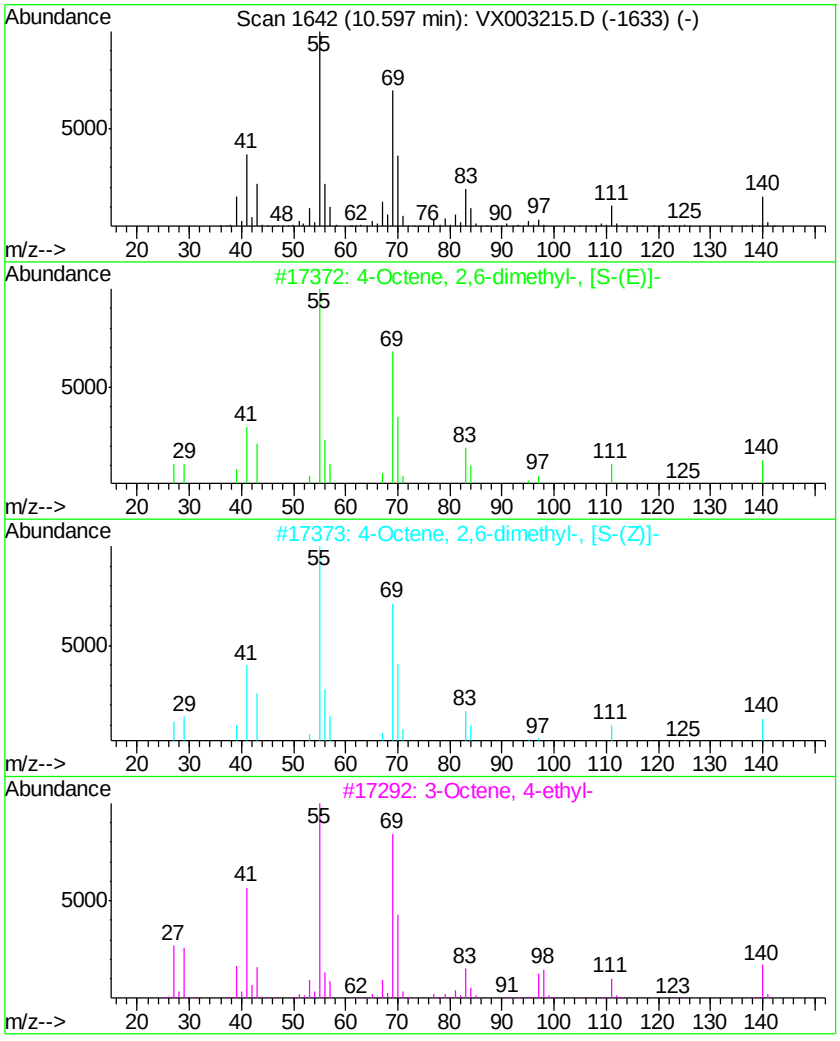
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

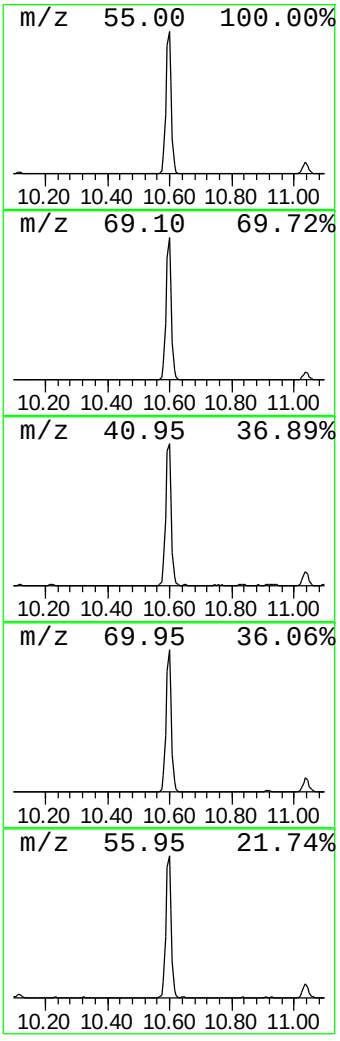
****

Peak Number 3 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	57.03 ug/l	1427600	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	94
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	72
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	68
4	cis-4-Decene	140	C10H20	019398-88-0	58
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

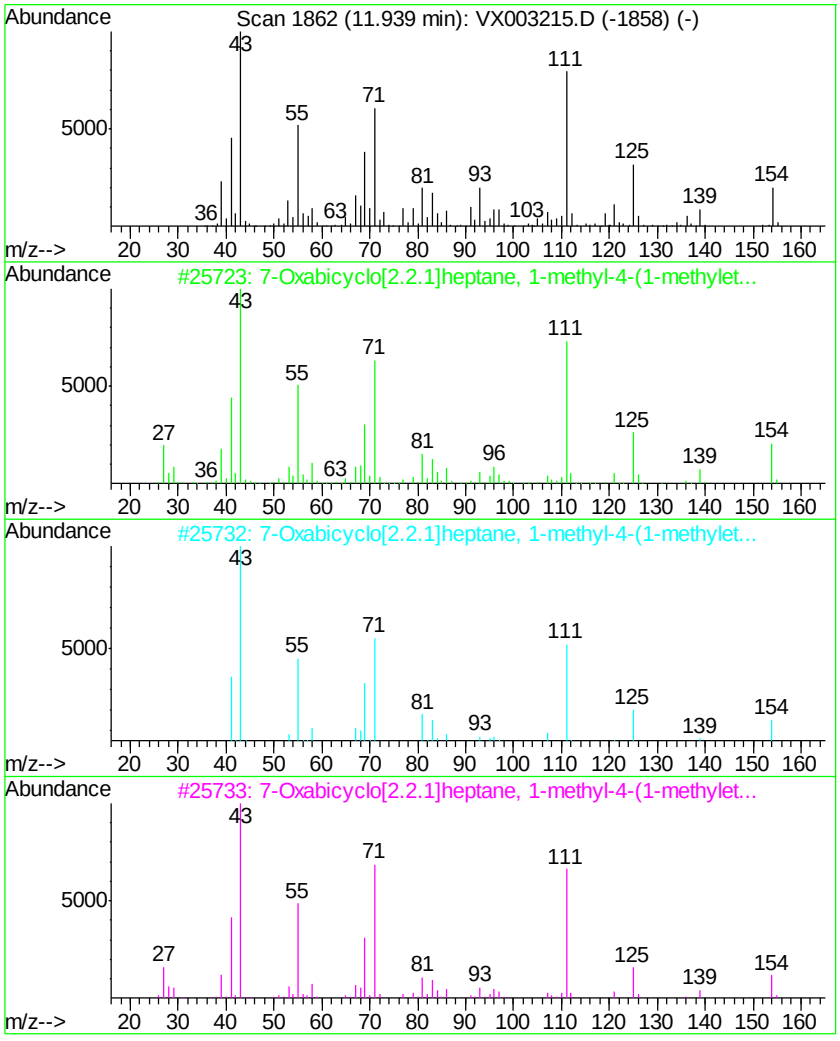
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

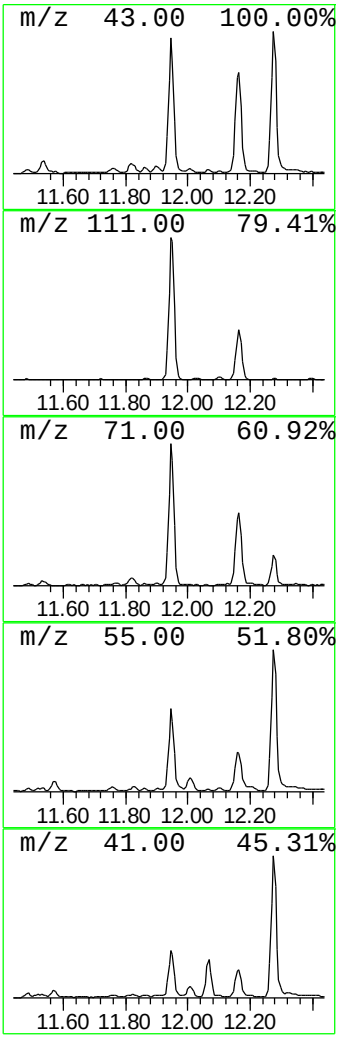
****

Peak Number 5 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	24.27 ug/l	607471	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	94
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	83
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	81
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	49
5	cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

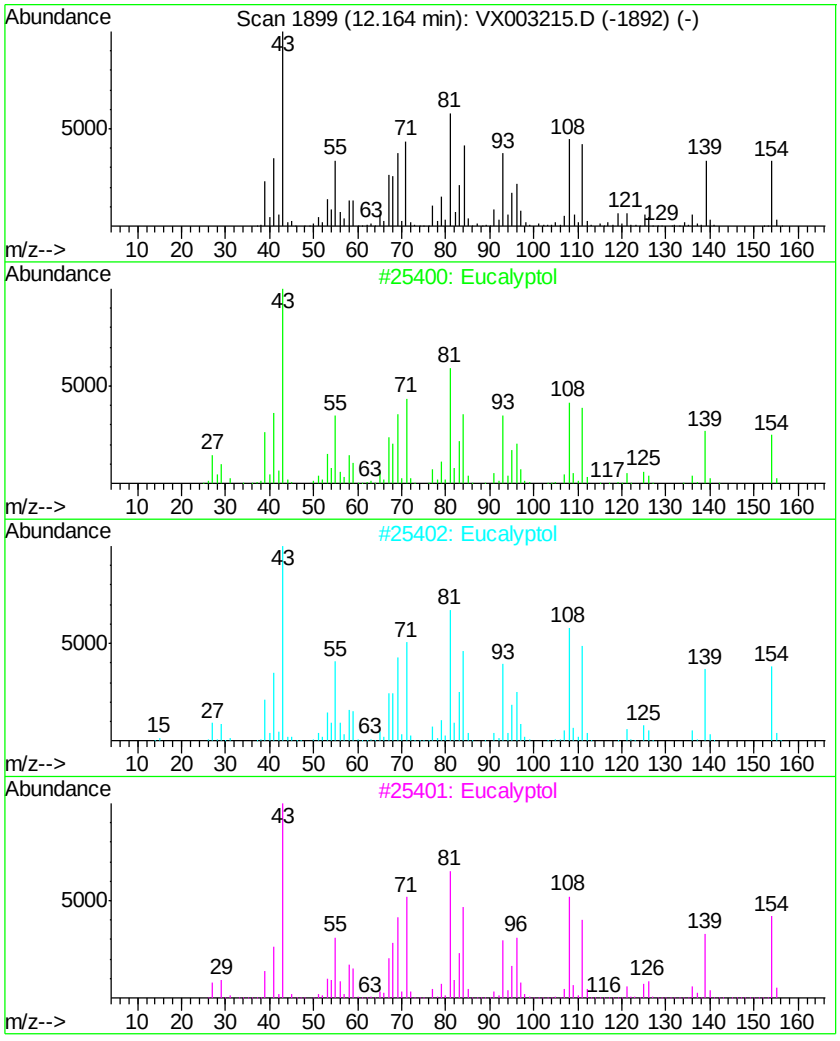
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

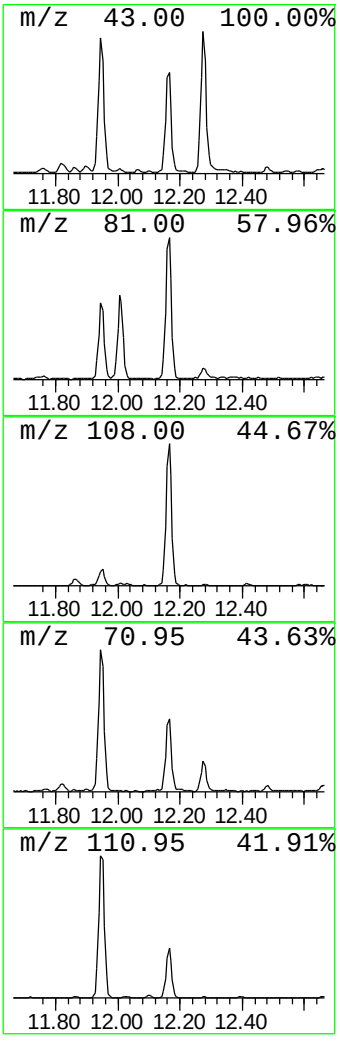
****

Peak Number 6 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	22.11 ug/l	553618	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Eucalyptol	154	C10H18O	000470-82-6	99
3	Eucalyptol	154	C10H18O	000470-82-6	96
4	Eucalyptol	154	C10H18O	000470-82-6	93
5	Eucalyptol	154	C10H18O	000470-82-6	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

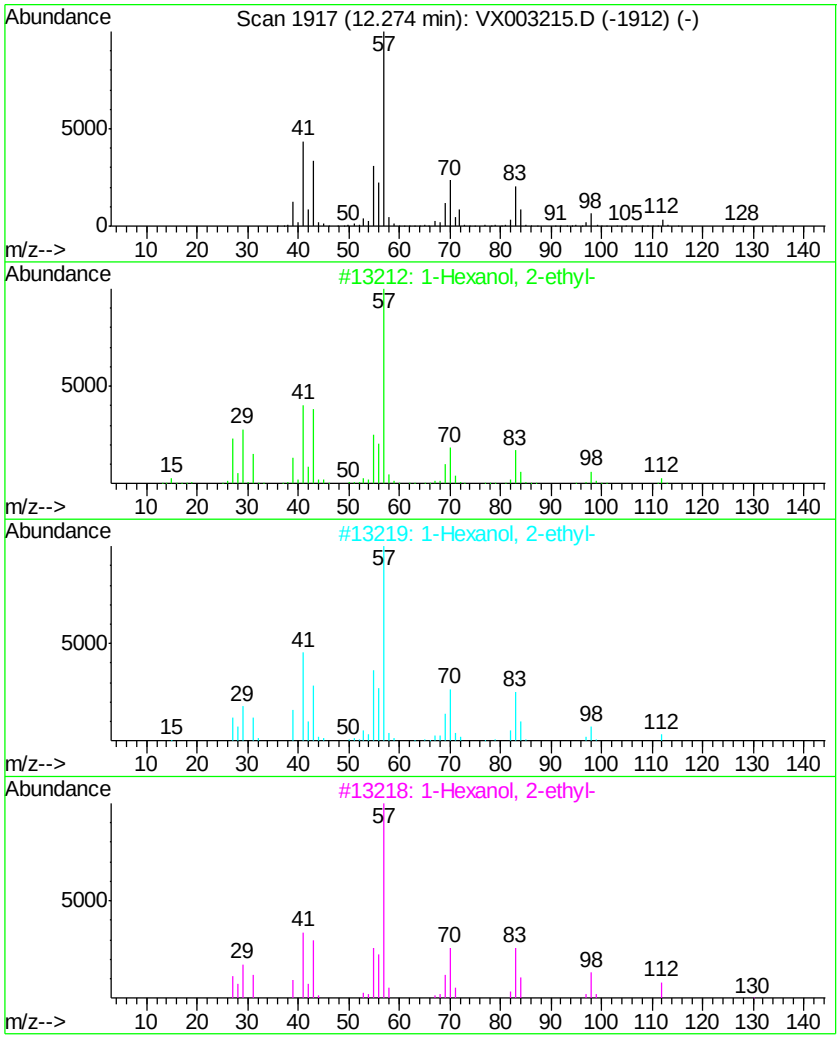
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

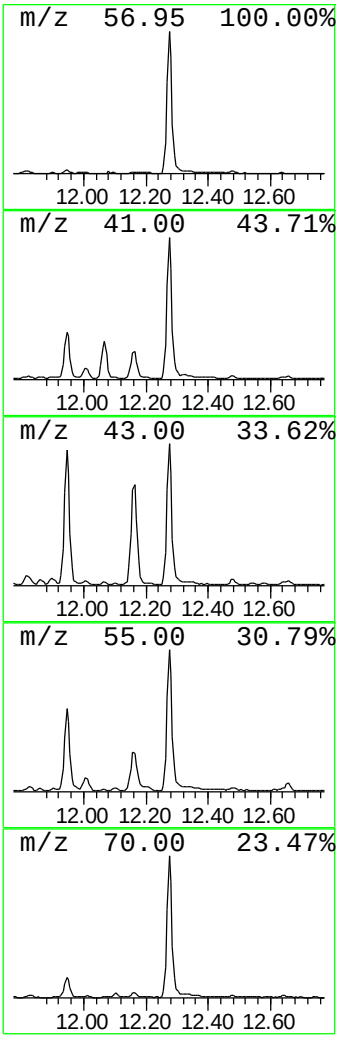
****

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	32.18 ug/l	805530	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

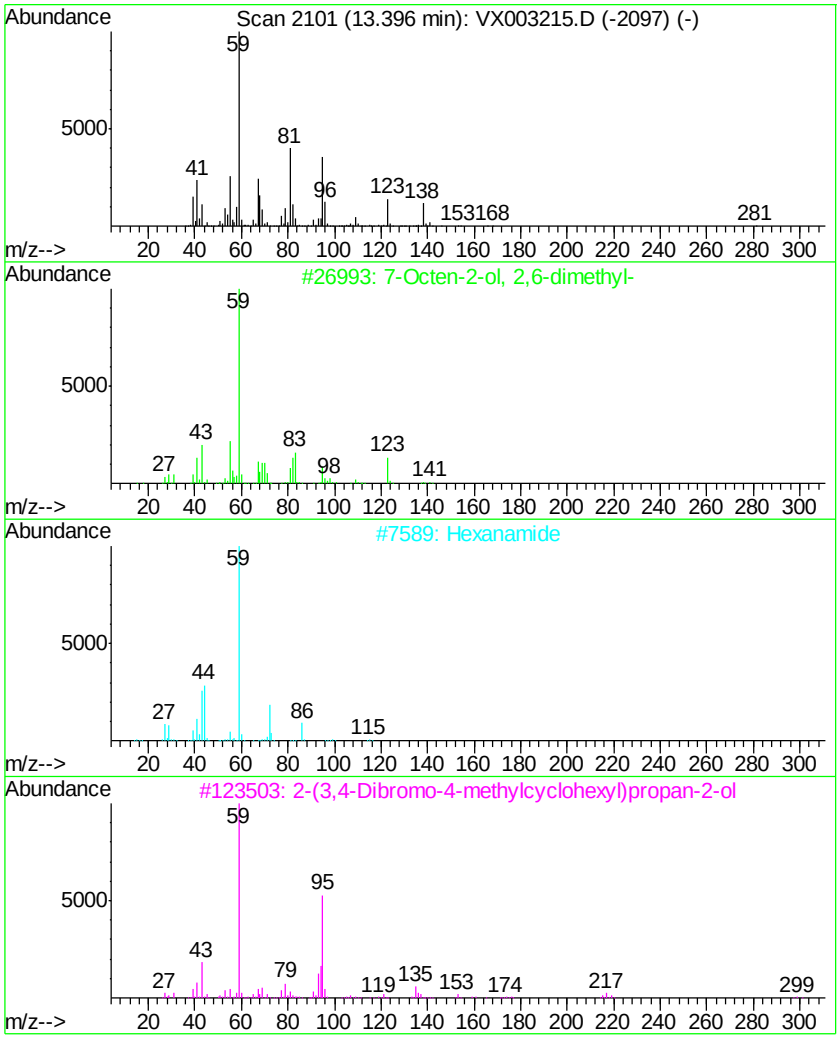
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

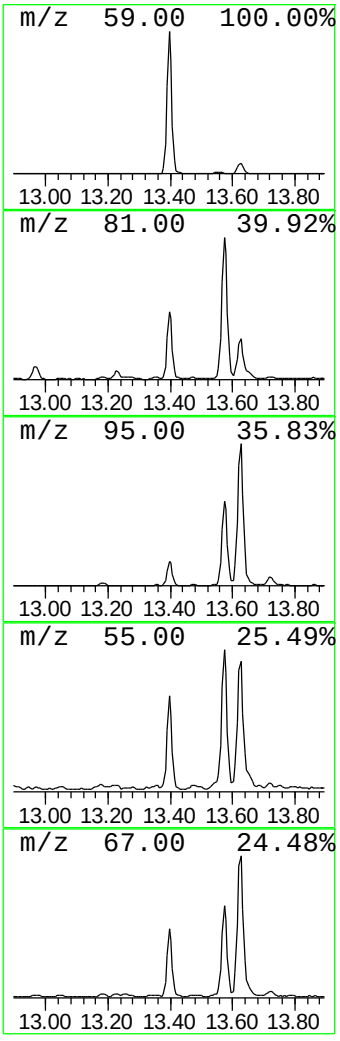
****

Peak Number 8 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	19.17 ug/l	479885	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38
2	Hexanamide	115	C6H13NO	000628-02-4	35
3	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	32
4	7-Octen-4-ol, 2-methyl-6-methylene-	154	C10H18O	014314-21-7	32
5	Hexanamide	115	C6H13NO	000628-02-4	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

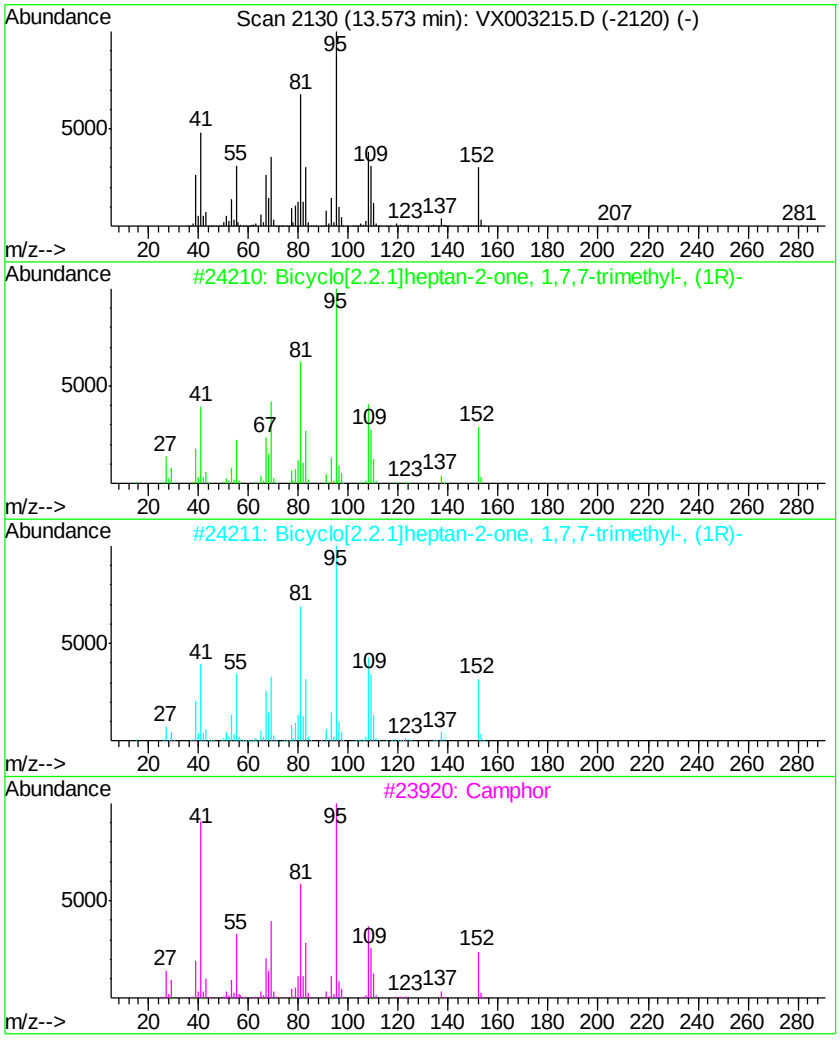
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

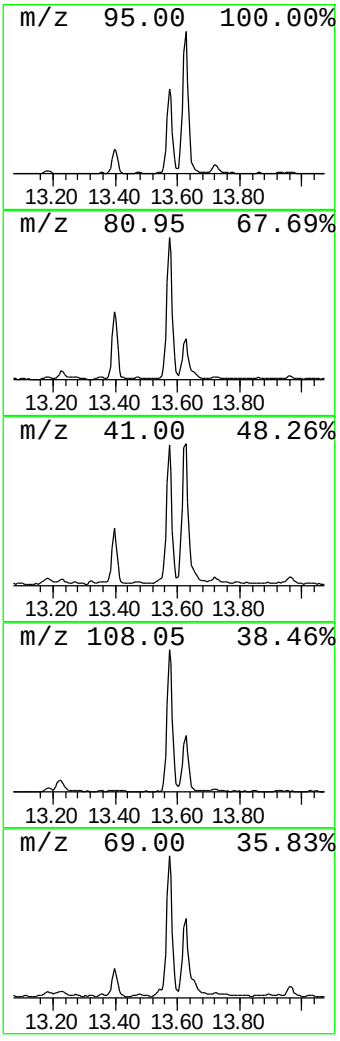
****

Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	38.31 ug/l	958935	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	98
3	Camphor	152	C10H16O	000076-22-2	98
4	Camphor	152	C10H16O	000076-22-2	98
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

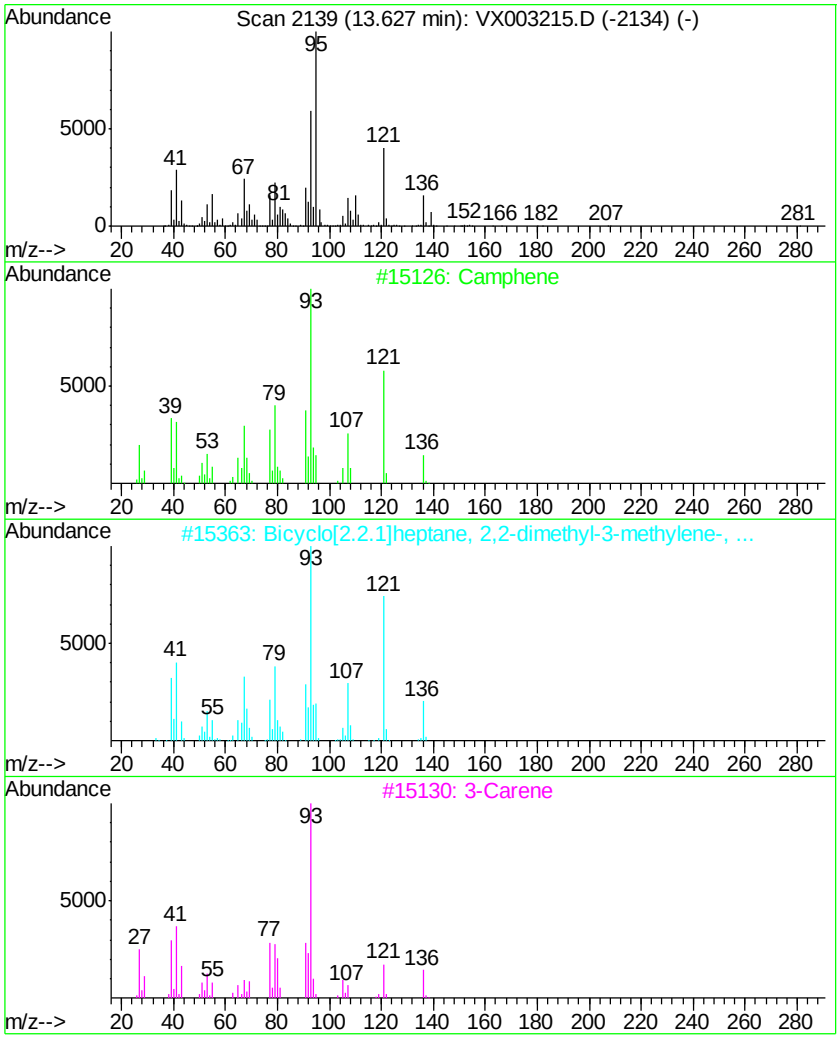
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

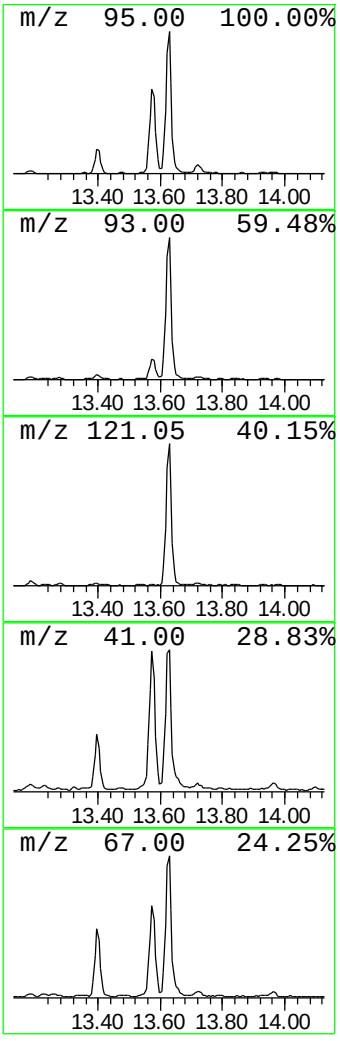
****

Peak Number 10 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	58.70 ug/l	1469470	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	90
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	55
3	3-Carene	136	C10H16	013466-78-9	50
4	Ocimene	136	C10H16	029714-87-2	50
5	Santolina epoxide	152	C10H16O	060485-45-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003215.D
Acq On : 06 Jul 2018 14:45
Operator : JC/MD
Sample : J3894-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(JULY)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
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
Methanethiol	1.58	16.7	ug/l	186559	1	5.03	335774	30.0
Isopropyl Alcohol	2.62	301.9	ug/l	3378840	1	5.03	335774	30.0
4-Octene, 2,6-dim...	10.60	57.0	ug/l	1427600	3	10.12	751015	30.0
7-Oxabicyclo[2.2....	11.94	24.3	ug/l	607471	3	10.12	751015	30.0
Eucalyptol	12.16	22.1	ug/l	553618	3	10.12	751015	30.0
1-Hexanol, 2-ethyl-	12.27	32.2	ug/l	805530	3	10.12	751015	30.0
7-Octen-2-ol, 2,6...	13.40	19.2	ug/l	479885	3	10.12	751015	30.0
Bicyclo[2.2.1]hep...	13.57	38.3	ug/l	958935	3	10.12	751015	30.0
Camphene	13.63	58.7	ug/l	1469470	3	10.12	751015	30.0