LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

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\624X012519W.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	1.623	67	77	81	rBV3	31806	81400	6.48%	1.302%
2	2.117	152	158	165	rBV	111761	179197	14.26%	2.867%
3	2.446	205	212	217	rBV	157571	269493	21.44%	4.312%
4	2.617	235	240	246	rVB	19442	34976	2.78%	0.560%
5	2.854	276	279	285	rVB4	9262	15750	1.25%	0.252%
6	3.019	302	306	311	rVB3	6895	13666	1.09%	0.219%
7	3.421	362	372	378	rBV2	19634	47954	3.82%	0.767%
8	4.695	575	581	582	rBV	13634	18139	1.44%	0.290%
9	5.025	621	635	651	rBV	174130	530552	42.21%	8.489%
10	6.067	795	806	815	rBV	177273	454043	36.12%	7.265%
11	6.860	924	936	948	rBV	398398	945606	75.23%	15.130%
12	8.713	1234	1240	1249	rBV	813121	1256920	100.00%	20.112%
13	10.109	1463	1469	1478	rBV	759744	1064362	84.68%	17.031%
14	10.999	1611	1615	1620	rVB2	19114	27125	2.16%	0.434%
15	11.139	1631	1638	1644	rBV	612288	806390	64.16%	12.903%
16	11.548	1700	1705	1711	rVB7	8392	13795	1.10%	0.221%
17	12.060	1787	1789	1799	rVB7	8716	17970	1.43%	0.288%
18	12.158	1799	1805	1811	rBV	87939	122874	9.78%	1.966%
19	12.968	1932	1938	1941	rBV3	9103	14187	1.13%	0.227%
20	13.139	1961	1966	1974	rBV2	83670	120379	9.58%	1.926%
21	13.230	1976	1981	1991	rVV6	26957	43823	3.49%	0.701%
22	13.572	2028	2037	2044	rBV2	38702	63869	5.08%	1.022%
23	13.645	2044	2049	2054	rVV9	8242	13633	1.08%	0.218%
24	13.718	2054	2061	2067	rVB4	11552	22199	1.77%	0.355%
25	13.785	2069	2072	2076	rBV5	13980	18607	1.48%	0.298%
26	13.834	2076	2080	2084	rVB	29292	36451	2.90%	0.583%
27	14.694	2217	2221	2227	rVB2	10586	16378	1.30%	0.262%

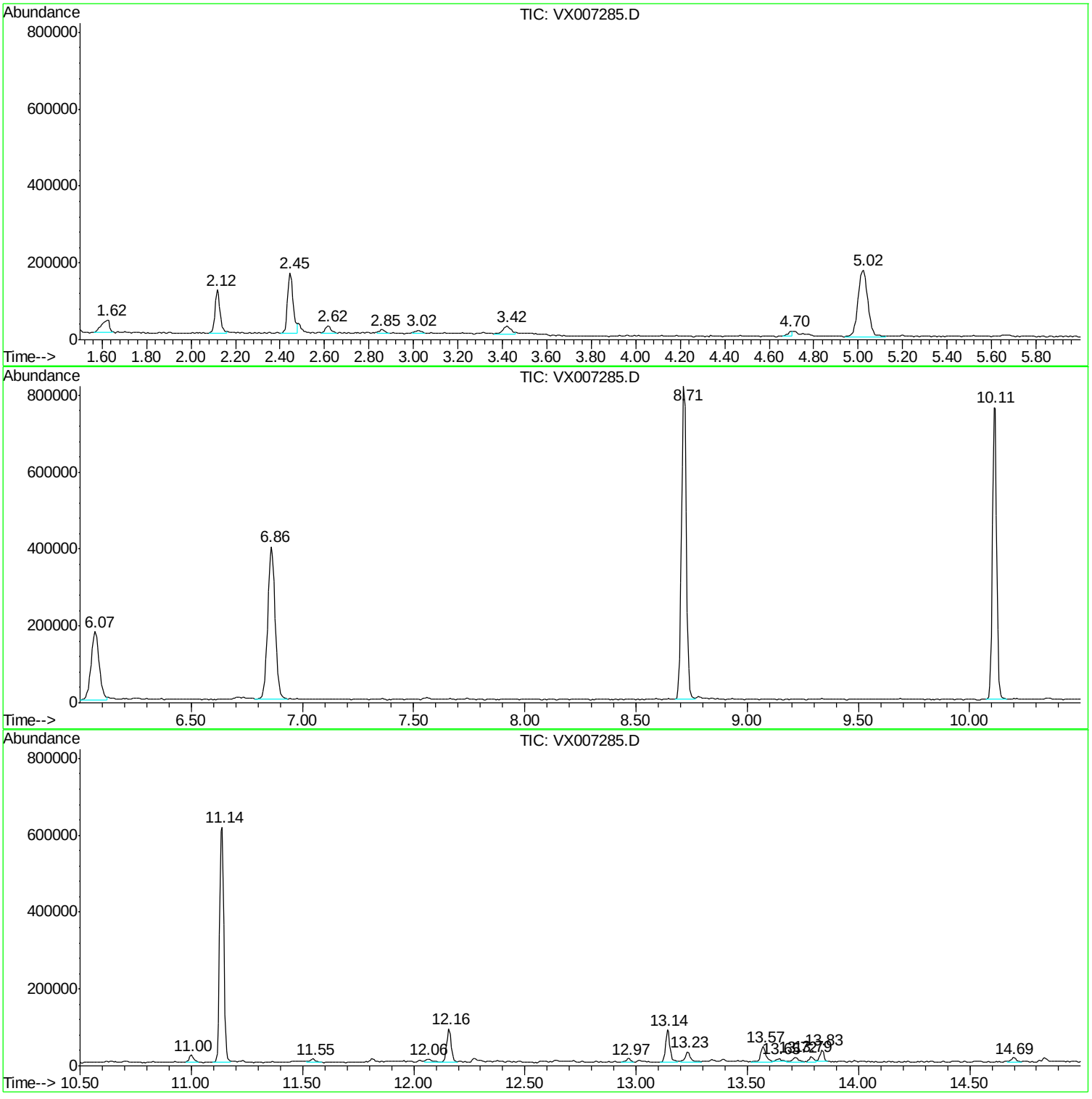
Sum of corrected areas: 6249738

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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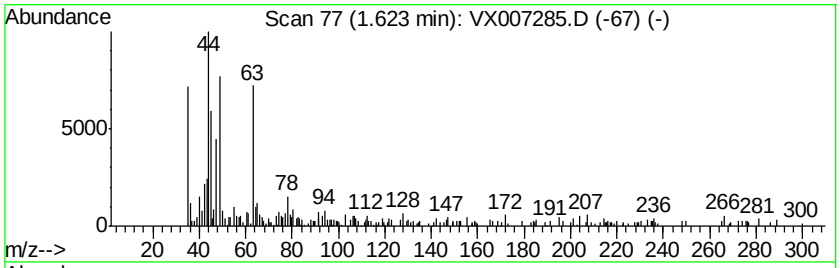
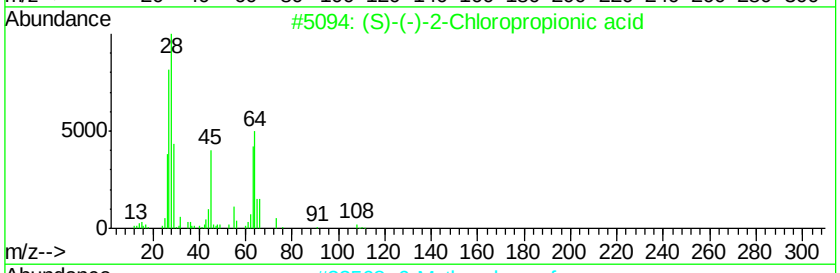
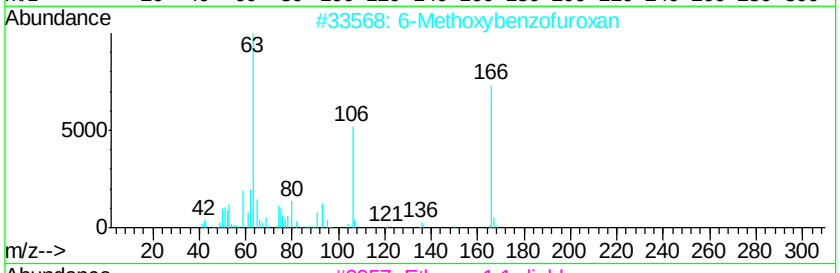
Peak Number 1 unknown1.62 Concentration Rank 2

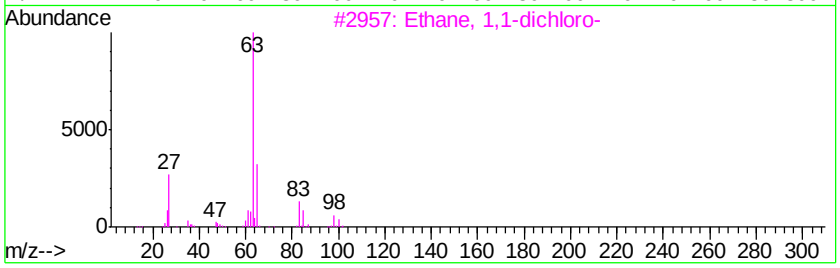
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	4.60 ug/l	81400	Bromochloromethane	5.02

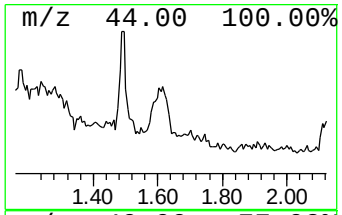
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	10
2	6-Methoxybenzofuroxan	166	C7H6N2O3	003524-06-9	10
3	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	10
4	Phenol, 4-(2-aminopropyl)-	151	C9H13NO	000103-86-6	10
5	Oxalyl chloride	126	C2Cl2O2	000079-37-8	9

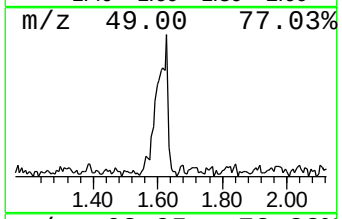


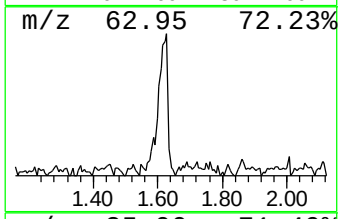


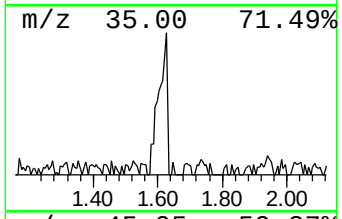


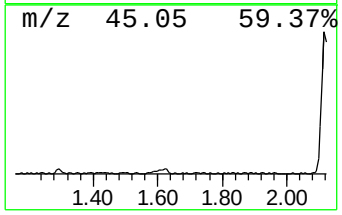












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
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Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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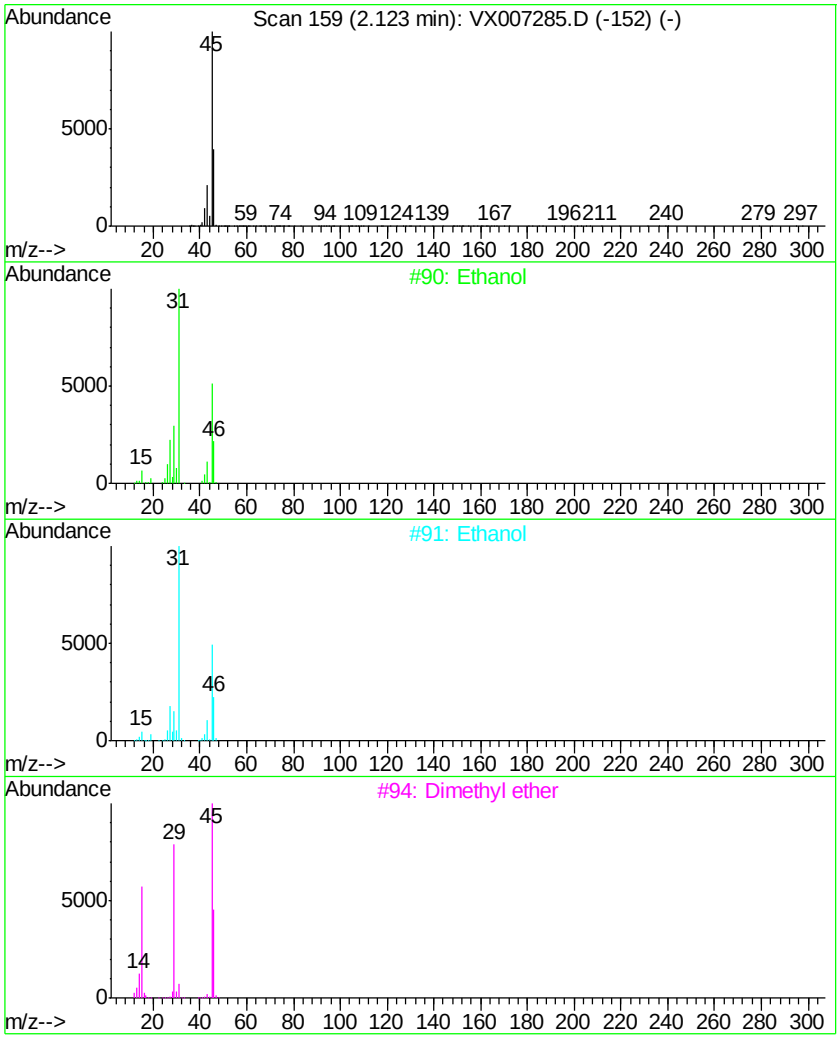
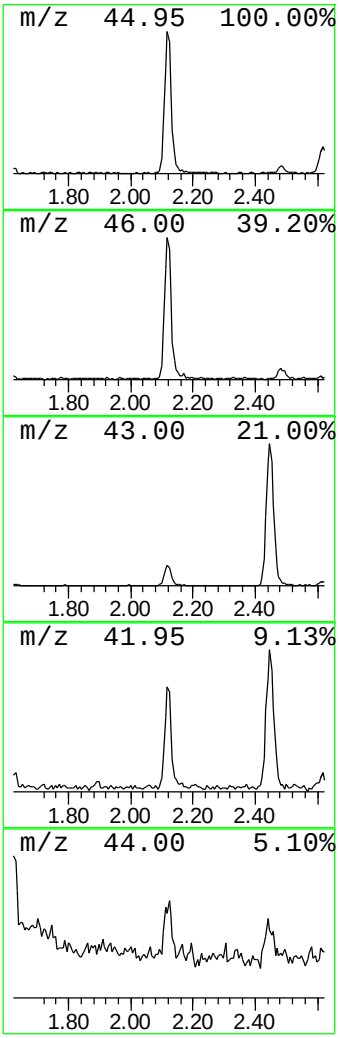
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	10.13 ug/l	179197	Bromochloromethane	5.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	43
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	(S)-2-Hydroxypropanoic acid	90	C3H6O3	000079-33-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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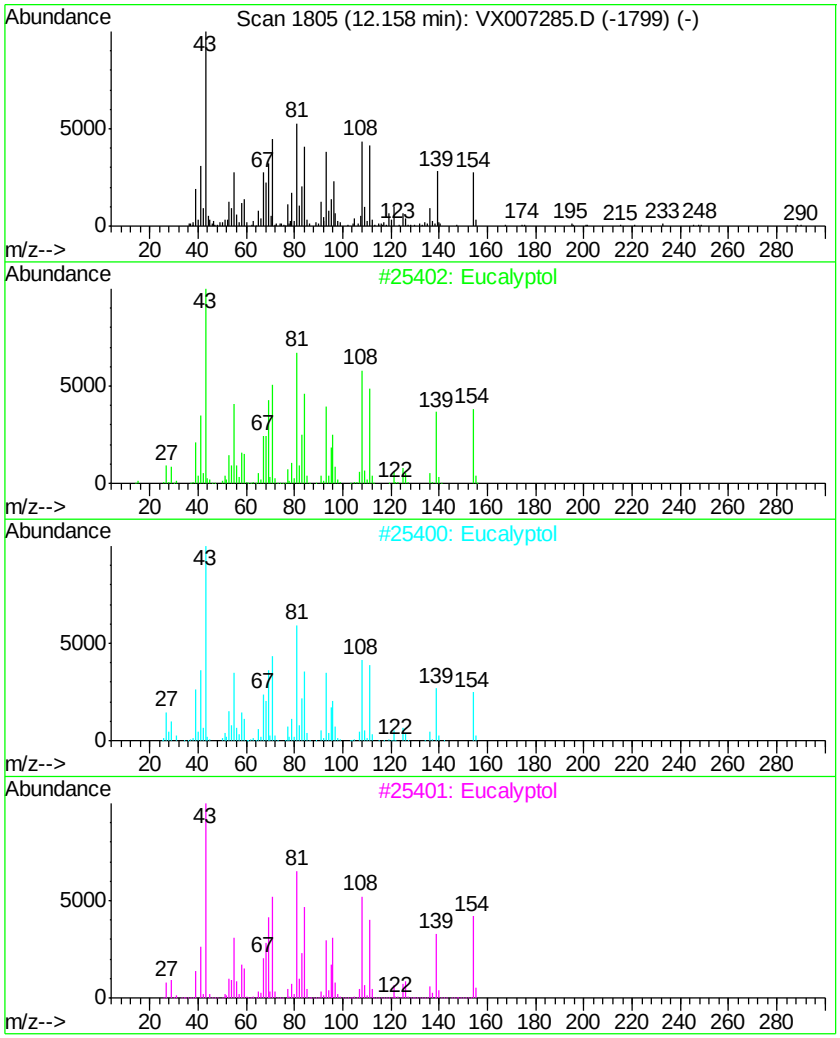
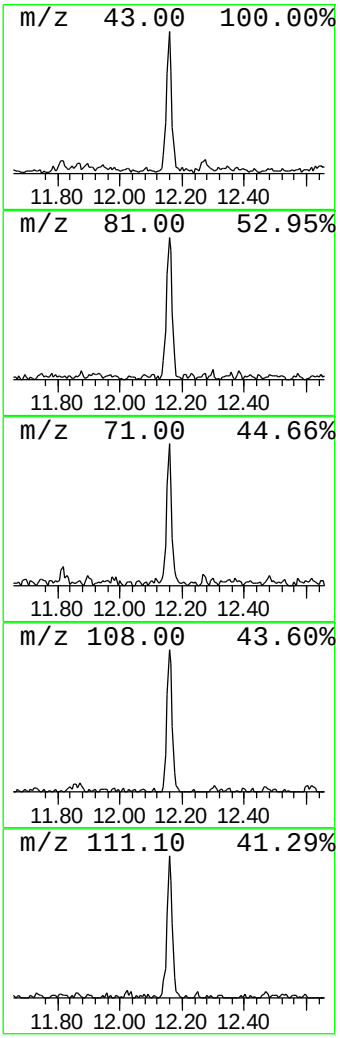
Peak Number 3 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.46 ug/l	122874	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	98
3	Eucalyptol	154	C10H18O	000470-82-6	96
4	Eucalyptol	154	C10H18O	000470-82-6	93
5	Eucalyptol	154	C10H18O	000470-82-6	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

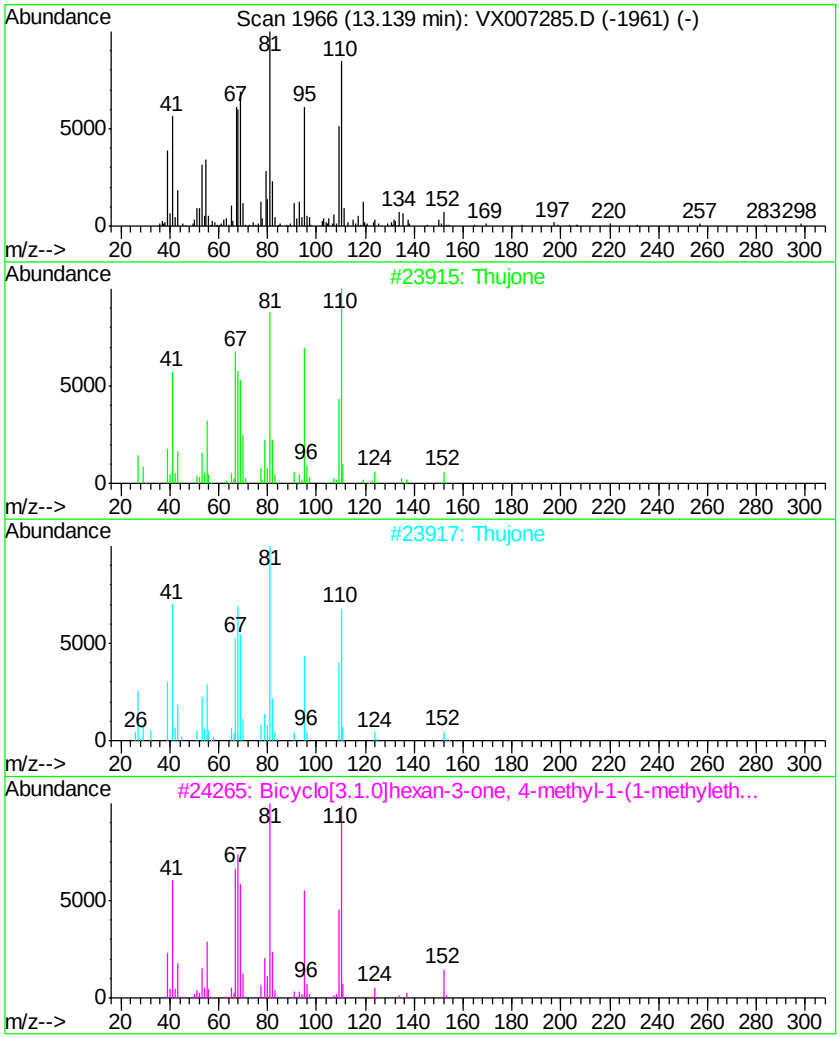
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

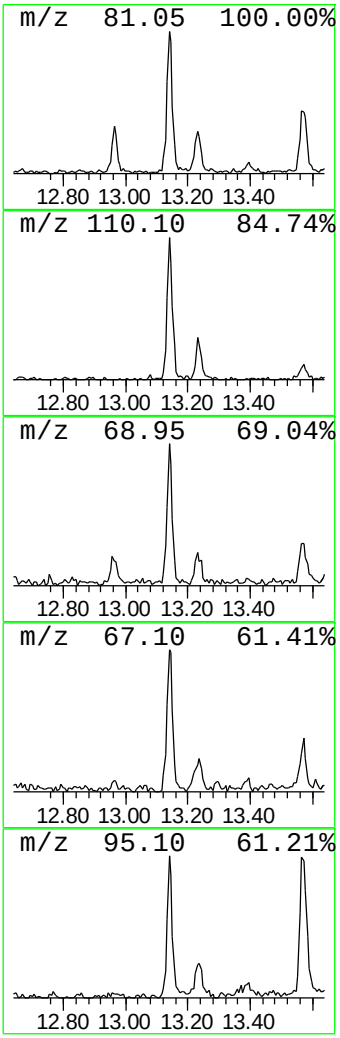
****

Peak Number 4 Thujone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.39 ug/l	120379	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thujone	152	C10H16O	000546-80-5	94
2	Thujone	152	C10H16O	000546-80-5	94
3	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	91
4	Thujone	152	C10H16O	000546-80-5	91
5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007285.D
Acq On : 29 Jan 2019 13:56
Operator : JC/SP
Sample : K1260-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.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
unknown1.62	1.62	4.6	ug/l	81400	1	5.02	530552	30.0
Ethanol	2.12	10.1	ug/l	179197	1	5.02	530552	30.0
Eucalyptol	12.16	3.5	ug/l	122874	3	10.12	1064360	30.0
Thujone	13.14	3.4	ug/l	120379	3	10.12	1064360	30.0