LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\
Data File : VX009659.D
Acq On : 17 May 2019 13:32
Operator : JC/SP
Sample : K2861-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-001-IDWGW-20190514

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\624X050119W.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	64	77	80	rBV9	9137	26554	4.19%	0.974%
2	2.440	205	211	219	rVB	7064	12008	1.90%	0.441%
3	2.605	233	238	247	rBV	39356	70979	11.21%	2.604%
4	4.690	573	580	590	rBV5	2697	9326	1.47%	0.342%
5	5.013	620	633	646	rBV3	80634	246055	38.87%	9.027%
6	5.135	646	653	665	rVB2	9794	30809	4.87%	1.130%
7	6.055	794	804	819	rBV	87101	234763	37.09%	8.613%
8	6.854	924	935	950	rBV	193447	466839	73.75%	17.128%
9	8.714	1233	1240	1249	rBV	401106	633035	100.00%	23.225%
10	9.329	1336	1341	1349	rVB3	3713	6562	1.04%	0.241%
11	10.110	1460	1469	1481	rBV	384520	526698	83.20%	19.324%
12	11.134	1630	1637	1647	rBV	307802	396252	62.60%	14.538%
13	11.359	1669	1674	1679	rVB	7775	11526	1.82%	0.423%
14	12.268	1818	1823	1836	rBV	25999	47766	7.55%	1.752%
15	13.188	1970	1974	1980	rBV3	4189	6460	1.02%	0.237%

Sum of corrected areas: 2725632

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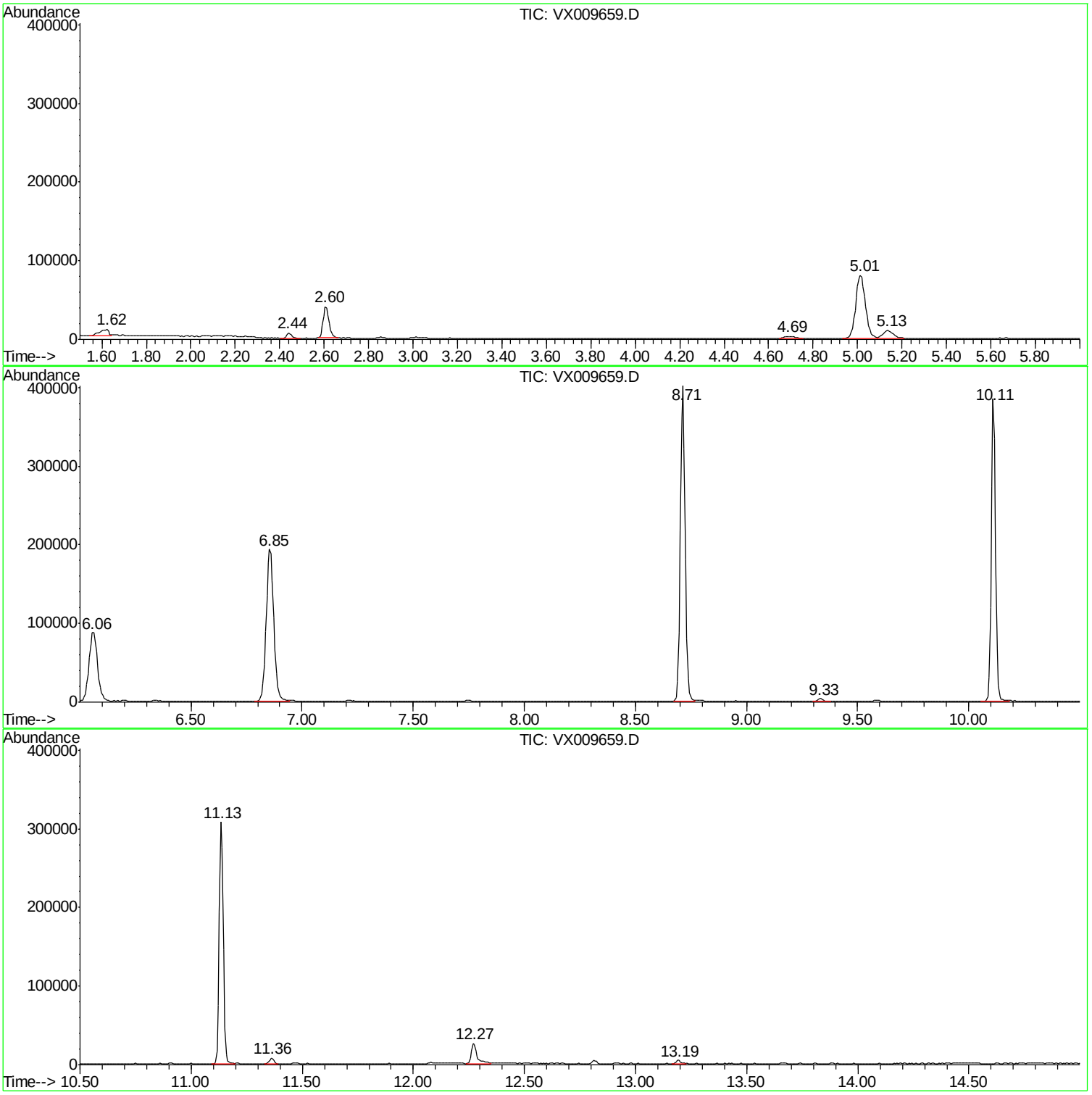
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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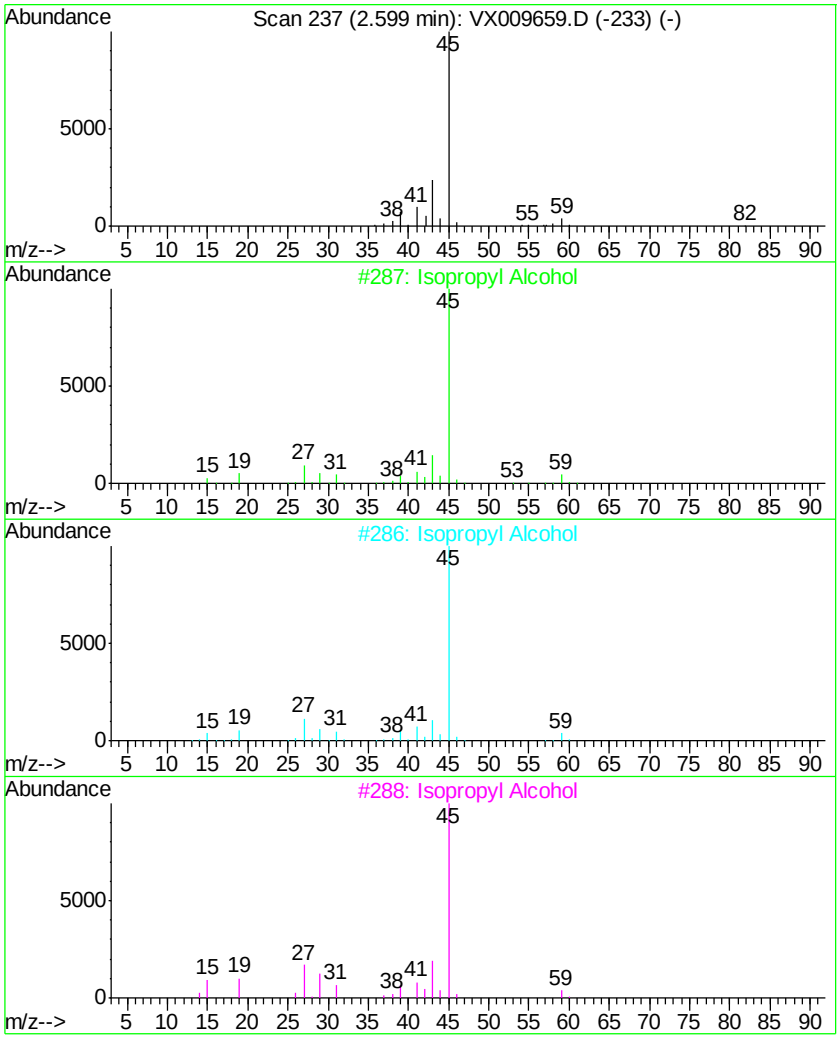
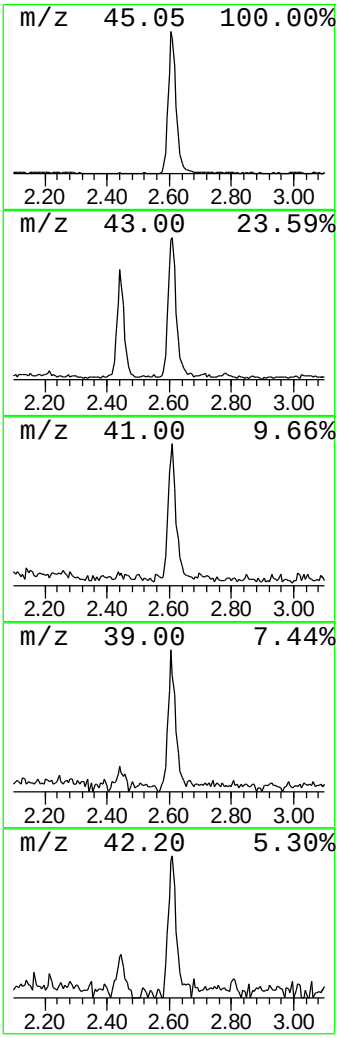
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	8.65 ug/l	70979	Bromochloromethane	5.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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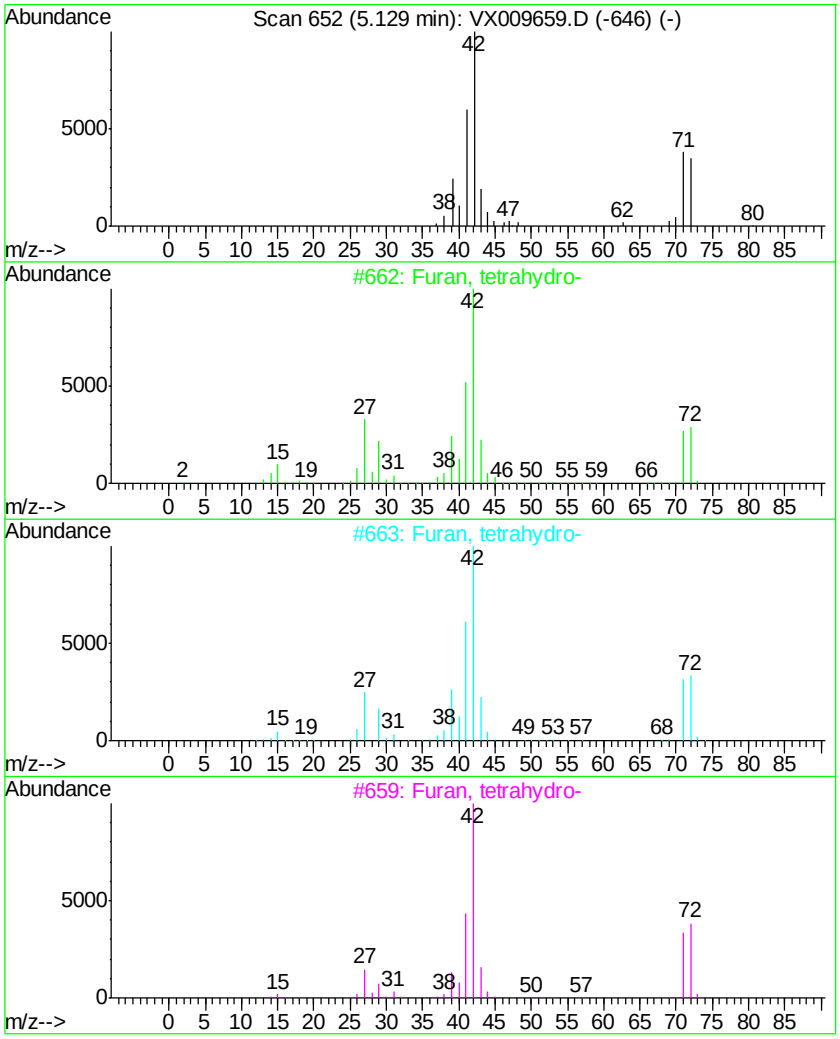
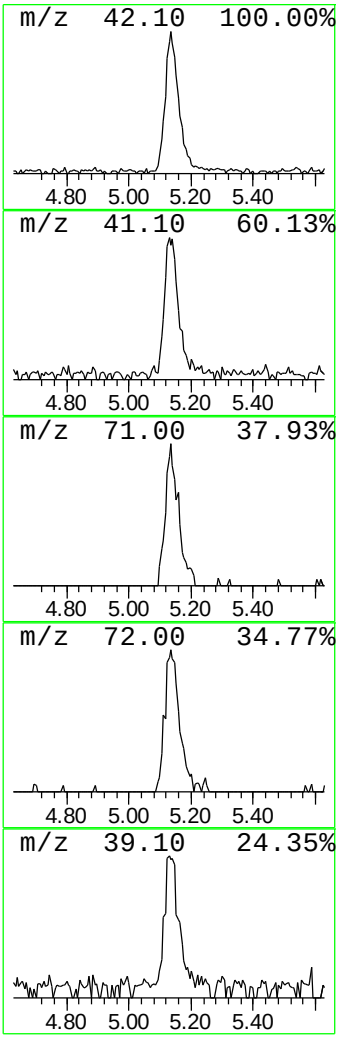
Peak Number 3 Furan, tetrahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.76 ug/l	30809	Bromochloromethane	5.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-	72	C4H8O	000109-99-9	78
2	Furan, tetrahydro-	72	C4H8O	000109-99-9	78
3	Furan, tetrahydro-	72	C4H8O	000109-99-9	72
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	40
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	40





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.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
Isopropyl Alcohol	2.60	8.7	ug/l	70979	1	5.01	246055	30.0
Furan, tetrahydro-	5.13	3.8	ug/l	30809	1	5.01	246055	30.0