

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
Data File : VN051637.D
Acq On : 1 Oct 2018 14:53
Operator : MD\SY
Sample : J5167-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Integration Parameters: RTEINT3.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 0 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.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	612	636	655	rBV	1716739	4520075	23.96%	14.152%
2	4.069	695	714	744	rBV	406178	1174766	6.23%	3.678%
3	7.201	1666	1688	1713	rBV2	254895	682232	3.62%	2.136%
4	8.030	1927	1946	1965	rBV2	242688	572464	3.03%	1.792%
5	8.587	2104	2119	2146	rBV	537063	1139265	6.04%	3.567%
6	10.091	2572	2587	2595	rBV	762440	1414770	7.50%	4.429%
7	10.156	2595	2607	2635	rVB	10599326	18868536	100.00%	59.074%
8	11.410	2981	2997	3020	rBV	718981	1286048	6.82%	4.026%
9	11.808	3109	3121	3133	rBV	244767	389912	2.07%	1.221%
10	12.403	3292	3306	3326	rBV	480238	885101	4.69%	2.771%
11	13.165	3523	3543	3557	rVB3	143466	295243	1.56%	0.924%
12	13.291	3571	3582	3592	rVB	328214	508547	2.70%	1.592%
13	14.898	4074	4082	4098	rVB2	113407	203342	1.08%	0.637%

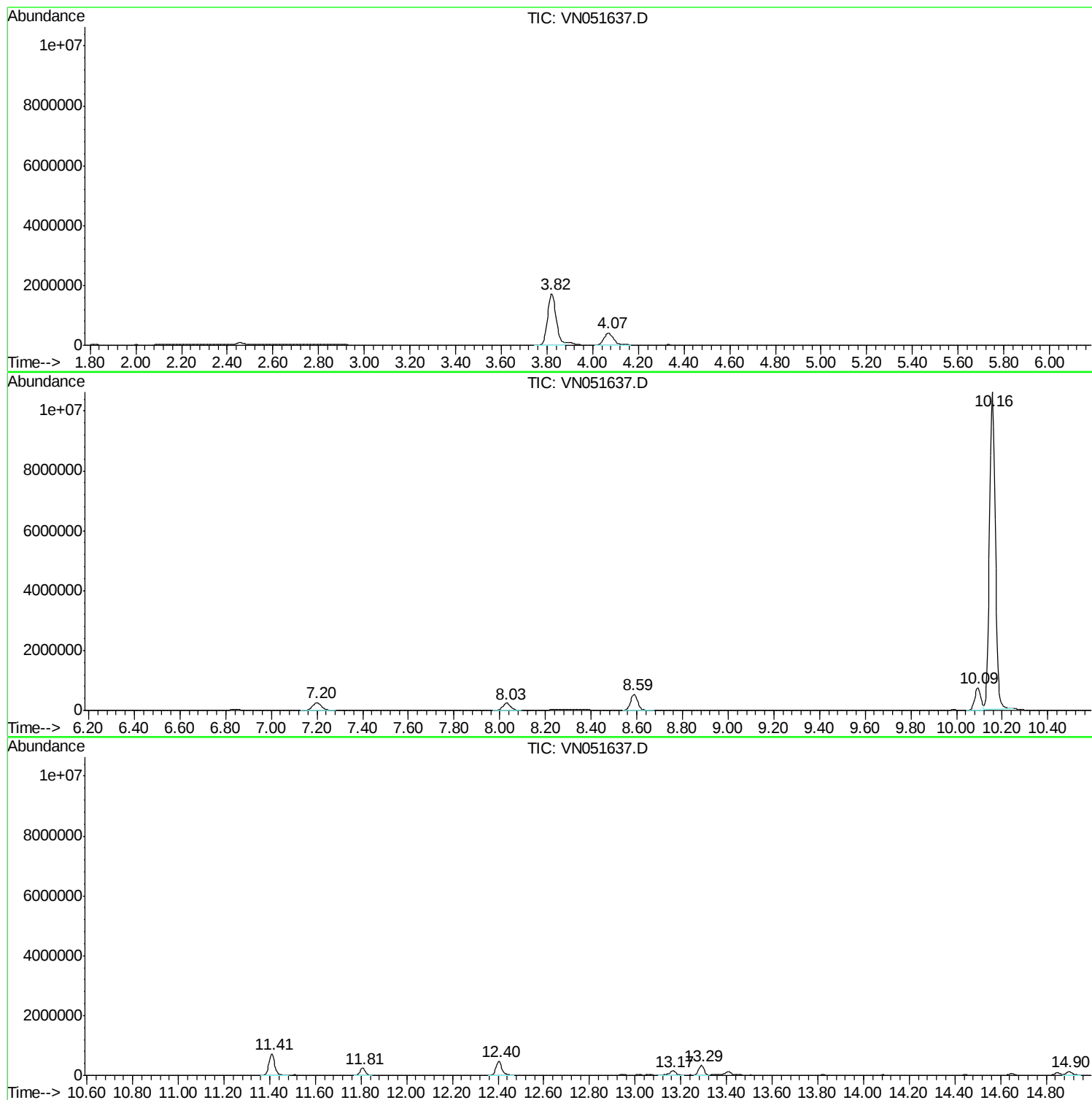
Sum of corrected areas: 31940301

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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	51.66 ug/l	1174770	Bromochloromethane	7.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	9.10 ug/l	389912	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	81
2		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	62
3		2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	50
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.89 ug/l	295243	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	95
2		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	94
3		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
4		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	62
5		4-Hepten-3-one, 2,5,6-trimethyl-	154	C10H18O	016466-21-0	47

 Peak Number 4 Bicyclo[2.2.1]heptane, 2-ch... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.90	4.74 ug/l	203342	Chlorobenzene-d5	11.41		
Hit#	of	5	Tentative ID	MW	MolForm	CAS# Qual

1			Bicyclo[2.2.1]heptane, 2-chloro-...	172	C10H17Cl	030462-53-4 78
2			Bornyl chloride	172	C10H17Cl	000464-41-5 78
3			Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8 72
4			Isoborneol	154	C10H18O	000124-76-5 64
5			Isoborneol	154	C10H18O	000124-76-5 64

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.07	51.7	ug/l	1174770	1	7.20	682232	30.0
4-Octene, 2,6-dim...	11.81	9.1	ug/l	389912	3	11.41	1286050	30.0
7-Oxabicyclo[2.2...	13.17	6.9	ug/l	295243	3	11.41	1286050	30.0
Bicyclo[2.2.1]hep...	14.90	4.7	ug/l	203342	3	11.41	1286050	30.0