LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051638.D
Acq On : 1 Oct 2018 15:17
Operator : MD\SY
Sample : J5167-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 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\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	614	636	654	rBV	1726973	4532929	23.00%	13.944%
2	4.069	696	714	751	rBV	405916	1183649	6.01%	3.641%
3	7.201	1668	1688	1717	rBV2	244191	670610	3.40%	2.063%
4	8.030	1928	1946	1969	rBV	240890	567347	2.88%	1.745%
5	8.587	2104	2119	2143	rBV	523124	1111892	5.64%	3.420%
6	10.095	2572	2588	2595	rBV	752386	1388892	7.05%	4.272%
7	10.156	2595	2607	2636	rVB	10904197	19704174	100.00%	60.613%
8	11.410	2983	2997	3018	rBV	686300	1247748	6.33%	3.838%
9	11.808	3109	3121	3136	rBV	249679	402251	2.04%	1.237%
10	12.403	3293	3306	3327	rBV	473269	877489	4.45%	2.699%
11	13.165	3527	3543	3558	rVB3	148559	295775	1.50%	0.910%
12	13.291	3571	3582	3593	rBV	342247	525331	2.67%	1.616%

Sum of corrected areas: 32508087

LSC Report - Integrated Chromatogram

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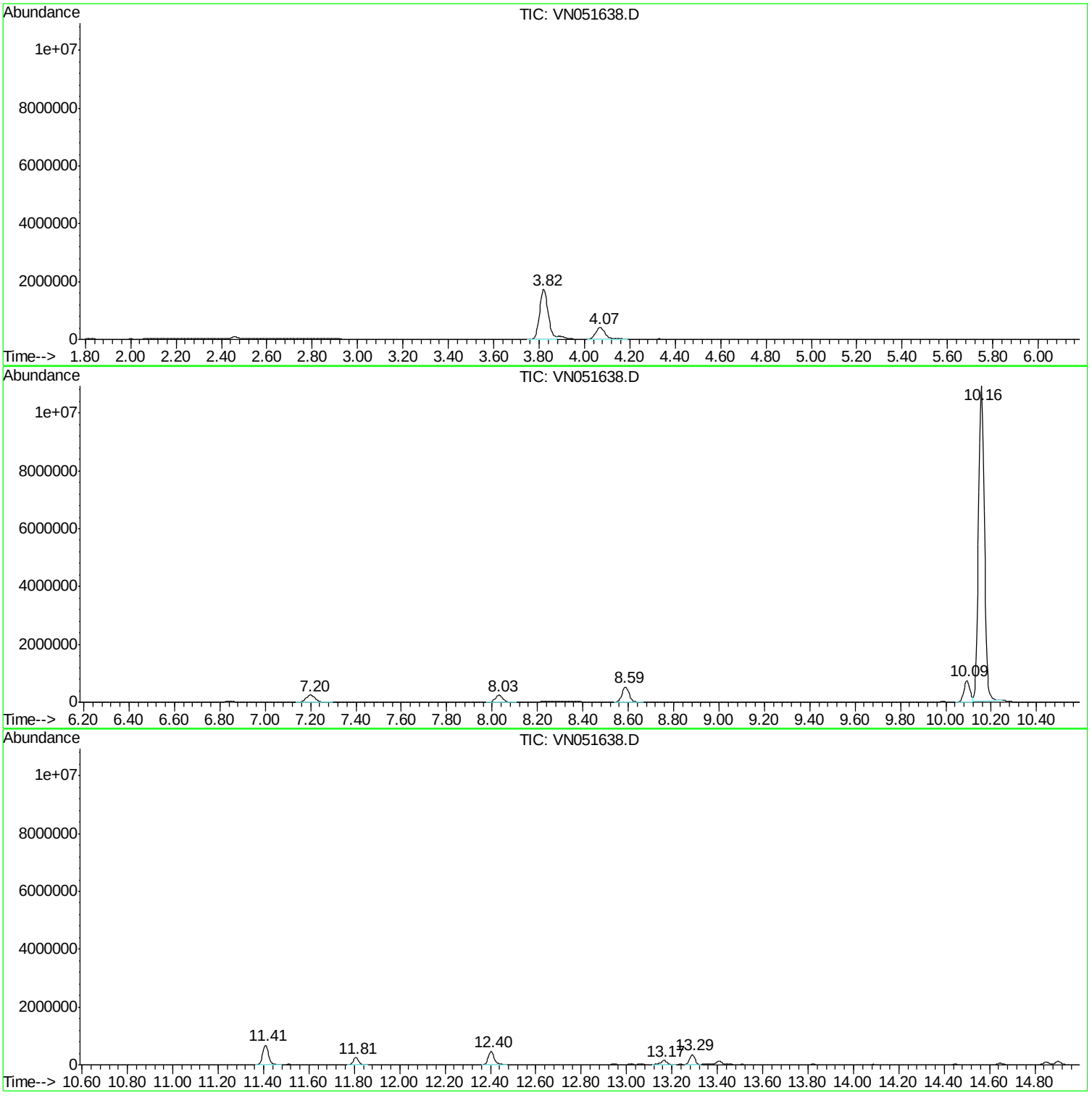
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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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	52.95 ug/l	1183650	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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40

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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	9.67 ug/l	402251	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	74
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	52
4	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	50
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49

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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	7.11 ug/l	295775	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	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	83
4	4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	38
5	1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	38

Tentatively Identified Compound (LSC) summary

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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	53.0	ug/l	1183650	1	7.20	670610	30.0
4-Octene, 2,6-dim...	11.81	9.7	ug/l	402251	3	11.41	1247750	30.0
7-Oxabicyclo[2.2....	13.17	7.1	ug/l	295775	3	11.41	1247750	30.0