

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050732.D
 Acq On : 17 Aug 2018 16:02
 Operator : MD\SY
 Sample : J4548-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(AUG)

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\624N072518W.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	1.658	3	21	47	rBV	875950	1457818	20.43%	5.502%
2	3.821	672	694	749	rBV	2652290	7137267	100.00%	26.938%
3	4.072	754	772	811	rVV	448580	1315834	18.44%	4.966%
4	6.841	1613	1633	1657	rBV3	45759	144283	2.02%	0.545%
5	7.198	1724	1744	1774	rBV3	278239	756252	10.60%	2.854%
6	8.030	1985	2003	2026	rBV	275213	637567	8.93%	2.406%
7	8.281	2042	2081	2082	rBV3	67484	295771	4.14%	1.116%
8	8.587	2161	2176	2202	rBV	637784	1345749	18.86%	5.079%
9	10.091	2629	2644	2654	rBV	928565	1732514	24.27%	6.539%
10	10.156	2654	2664	2690	rVV	2632668	4836185	67.76%	18.253%
11	11.410	3039	3054	3077	rBV	820028	1480777	20.75%	5.589%
12	11.808	3161	3178	3197	rBV	1742361	2655144	37.20%	10.021%
13	12.403	3349	3363	3385	rBV	602368	1066290	14.94%	4.024%
14	13.165	3584	3600	3613	rVV3	145246	261086	3.66%	0.985%
15	13.239	3615	3623	3629	rVV2	62622	97673	1.37%	0.369%
16	13.291	3629	3639	3649	rVV	383151	594830	8.33%	2.245%
17	13.410	3664	3676	3684	rVV3	114202	209972	2.94%	0.792%
18	14.847	4114	4123	4130	rBV2	60102	98678	1.38%	0.372%
19	14.901	4130	4140	4158	rVB2	208072	371411	5.20%	1.402%

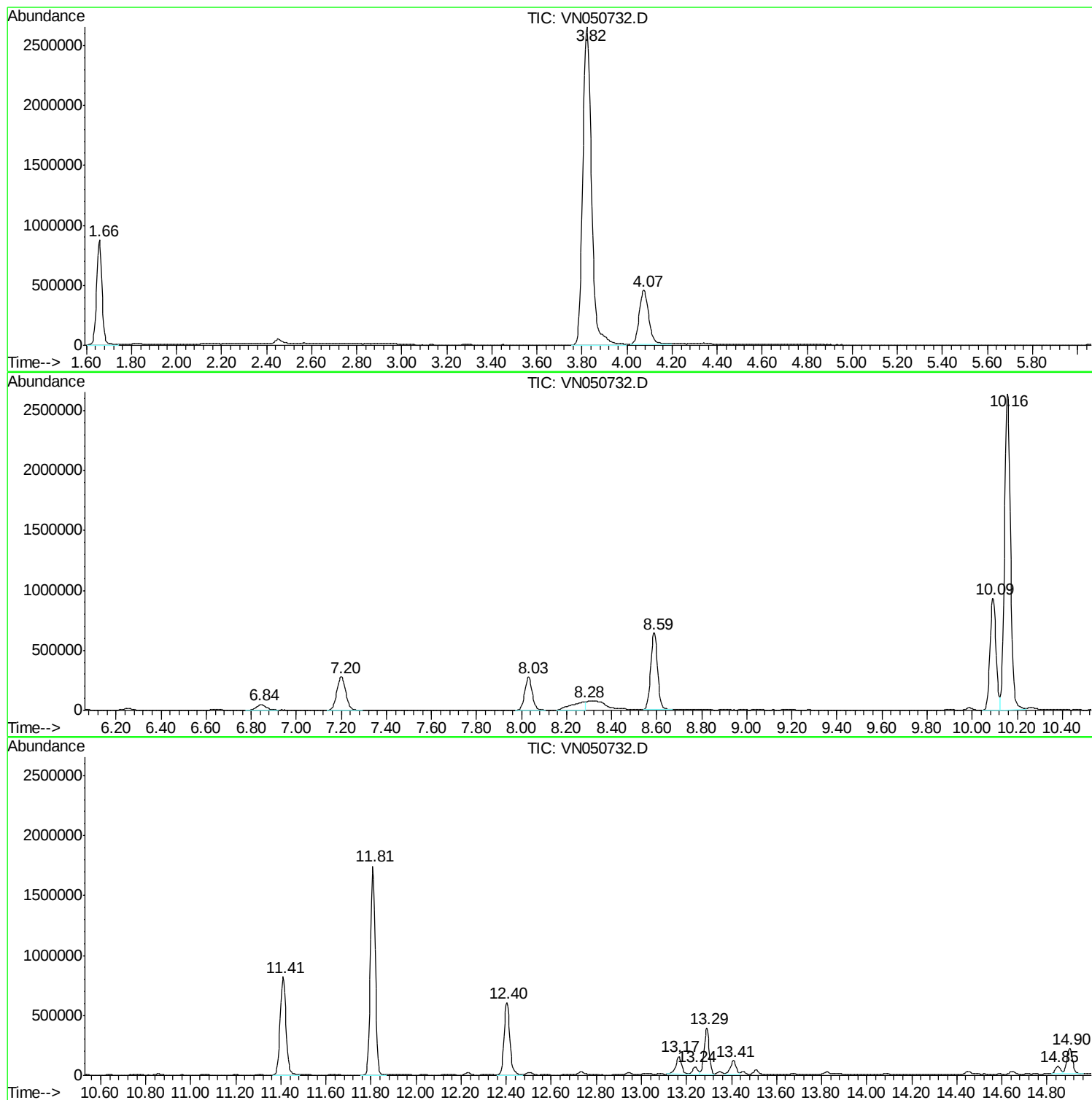
Sum of corrected areas: 26495101

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.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 Acetic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	6.59 ug/l	295771	1,4-Difluorobenzene	8.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acetic acid	60	C2H4O2	000064-19-7 86
2	Acetic acid	60	C2H4O2	000064-19-7 86
3	Acetic acid	60	C2H4O2	000064-19-7 78
4	Acetic acid	60	C2H4O2	000064-19-7 78
5	Thiirane	60	C2H4S	000420-12-2 9

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	53.79 ug/l	2655140	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 91
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4 90
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1 68
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5 64
5	4-Nonene, 5-methyl-	140	C10H20	015918-07-7 53

 Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.29 ug/l	261086	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 91
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7 81
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7 76
4	1-Propanone, 2-methyl-1-[2-(1-me...	154	C10H18O	056259-15-5 43
5	4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1 38

 Peak Number 4 Eucalyptol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.41	4.25 ug/l	209972	Chlorobenzene-d5	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Eucalyptol	154	C10H18O	000470-82-6	98
3	Eucalyptol	154	C10H18O	000470-82-6	95
4	Eucalyptol	154	C10H18O	000470-82-6	94
5	Eucalyptol	154	C10H18O	000470-82-6	87

Peak Number 5 Isoborneol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.90	7.52 ug/l	371411	Chlorobenzene-d5	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoborneol	154	C10H18O	000124-76-5	70
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	58
3	Borneol	154	C10H18O	010385-78-1	50
4	Isoborneol	154	C10H18O	000124-76-5	50
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetic acid	8.28	6.6	ug/l	295771	2	8.59	1345750	30.0
4-Octene, 2,6-dim...	11.81	53.8	ug/l	2655140	3	11.41	1480780	30.0
7-Oxabicyclo[2.2....	13.17	5.3	ug/l	261086	3	11.41	1480780	30.0
Eucalyptol	13.41	4.3	ug/l	209972	3	11.41	1480780	30.0
Isoborneol	14.90	7.5	ug/l	371411	3	11.41	1480780	30.0