LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083118\
Data File : VN051000.D
Acq On : 31 Aug 2018 20:34
Operator : MD\SY
Sample : J4763-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

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

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\624N082818W.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	49	rBV	1144544	1836867	5.51%	3.459%
2	3.818	670	693	713	rBV	2340072	6125475	18.37%	11.533%
3	4.066	751	770	798	rBV	573762	1657348	4.97%	3.121%
4	7.198	1725	1744	1771	rBV	271204	733294	2.20%	1.381%
5	8.030	1985	2003	2023	rBV	253438	594596	1.78%	1.120%
6	8.587	2161	2176	2202	rBV	634295	1320302	3.96%	2.486%
7	10.091	2629	2644	2652	rBV	941909	1715873	5.15%	3.231%
8	10.156	2652	2664	2717	rVB	18149883	33347989	100.00%	62.789%
9	11.410	3031	3054	3077	rBV	808033	1510472	4.53%	2.844%
10	11.808	3164	3178	3195	rBV	1556480	2456483	7.37%	4.625%
11	12.403	3349	3363	3384	rBV	539642	987412	2.96%	1.859%
12	13.287	3629	3638	3650	rVB	519755	825264	2.47%	1.554%

Sum of corrected areas: 53111375

LSC Report - Integrated Chromatogram

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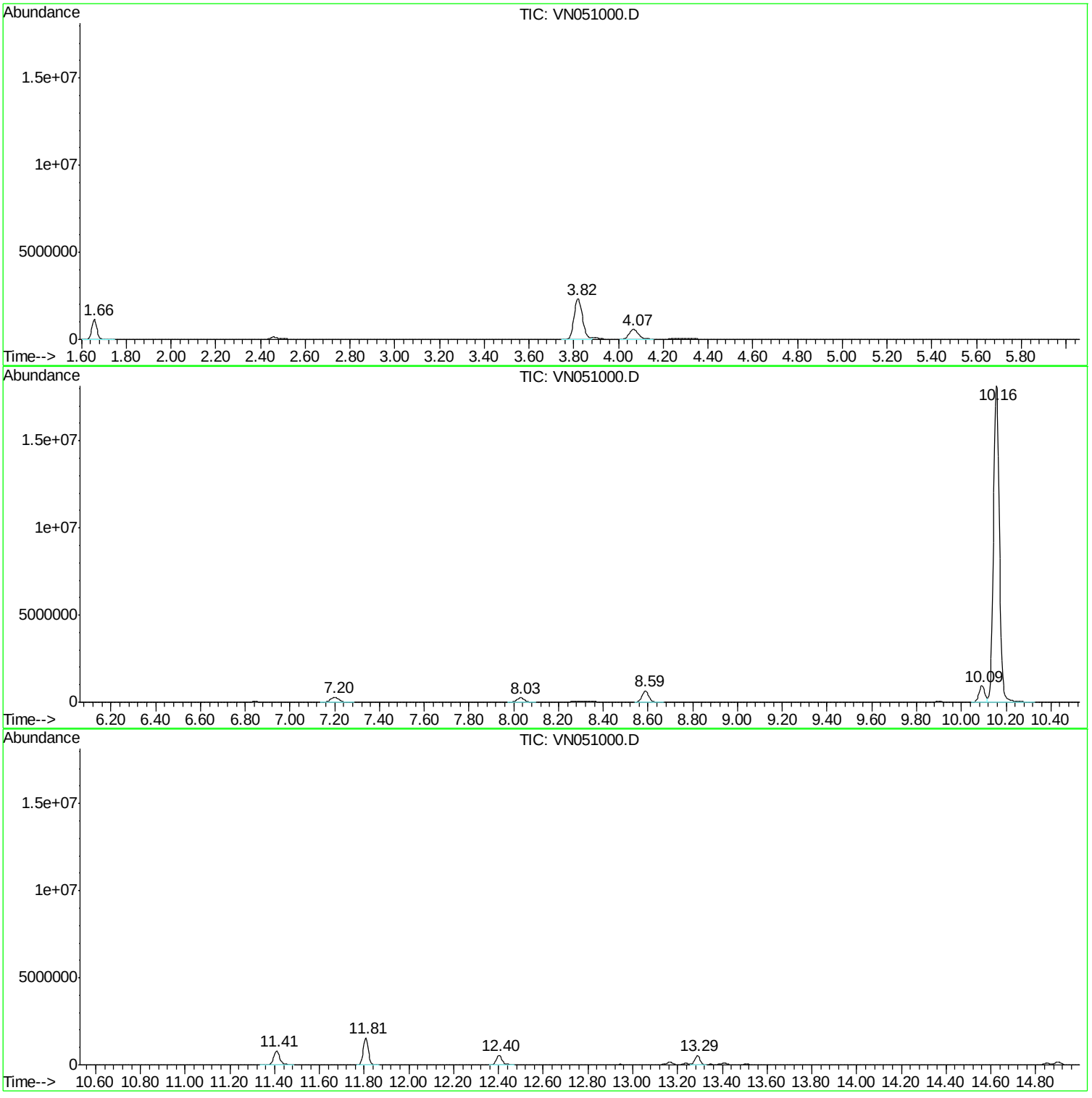
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	67.80 ug/l	1657350	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40

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Peak Number 2 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	48.79 ug/l	2456480	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	87
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	68
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	64
5	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	64

Tentatively Identified Compound (LSC) summary

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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	4.07	67.8	ug/l	1657350	1	7.20	733294	30.0
4-Octene, 2,6-dim...	11.81	48.8	ug/l	2456480	3	11.41	1510470	30.0