LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
Data File : VX014872.D
Acq On : 07 Feb 2020 15:37
Operator : JC/SP
Sample : L1410-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002-35TH-AVE-(FEB)

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\624X011520W.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	1.576	110	113	121	rVB3	28766	45905	1.25%	0.354%
2	2.429	246	253	268	rBV	2292849	3687017	100.00%	28.445%
3	2.588	272	279	293	rBV	2109670	3639266	98.70%	28.077%
4	5.008	666	676	688	rVB	144606	435390	11.81%	3.359%
5	6.051	839	847	858	rVB	156827	392772	10.65%	3.030%
6	6.849	968	978	996	rBV	359529	844009	22.89%	6.511%
7	8.709	1275	1283	1289	rBV	755027	1147678	31.13%	8.854%
8	8.776	1289	1294	1302	rVB	272739	425295	11.53%	3.281%
9	10.105	1507	1512	1519	rBV	725369	990664	26.87%	7.643%
10	10.587	1582	1591	1599	rBV	100534	140858	3.82%	1.087%
11	10.904	1639	1643	1653	rVB2	31714	47738	1.29%	0.368%
12	11.129	1670	1680	1686	rBV	611028	822745	22.31%	6.347%
13	11.806	1786	1791	1796	rBV4	24573	39368	1.07%	0.304%
14	11.940	1808	1813	1821	rVB3	24198	42288	1.15%	0.326%
15	12.263	1862	1866	1872	rBV	29764	41627	1.13%	0.321%
16	13.385	2046	2050	2055	rBV	70541	91860	2.49%	0.709%
17	14.147	2168	2175	2187	rVB6	21822	68781	1.87%	0.531%
18	14.848	2286	2290	2299	rBV	40821	58702	1.59%	0.453%

Sum of corrected areas: 12961963

LSC Report - Integrated Chromatogram

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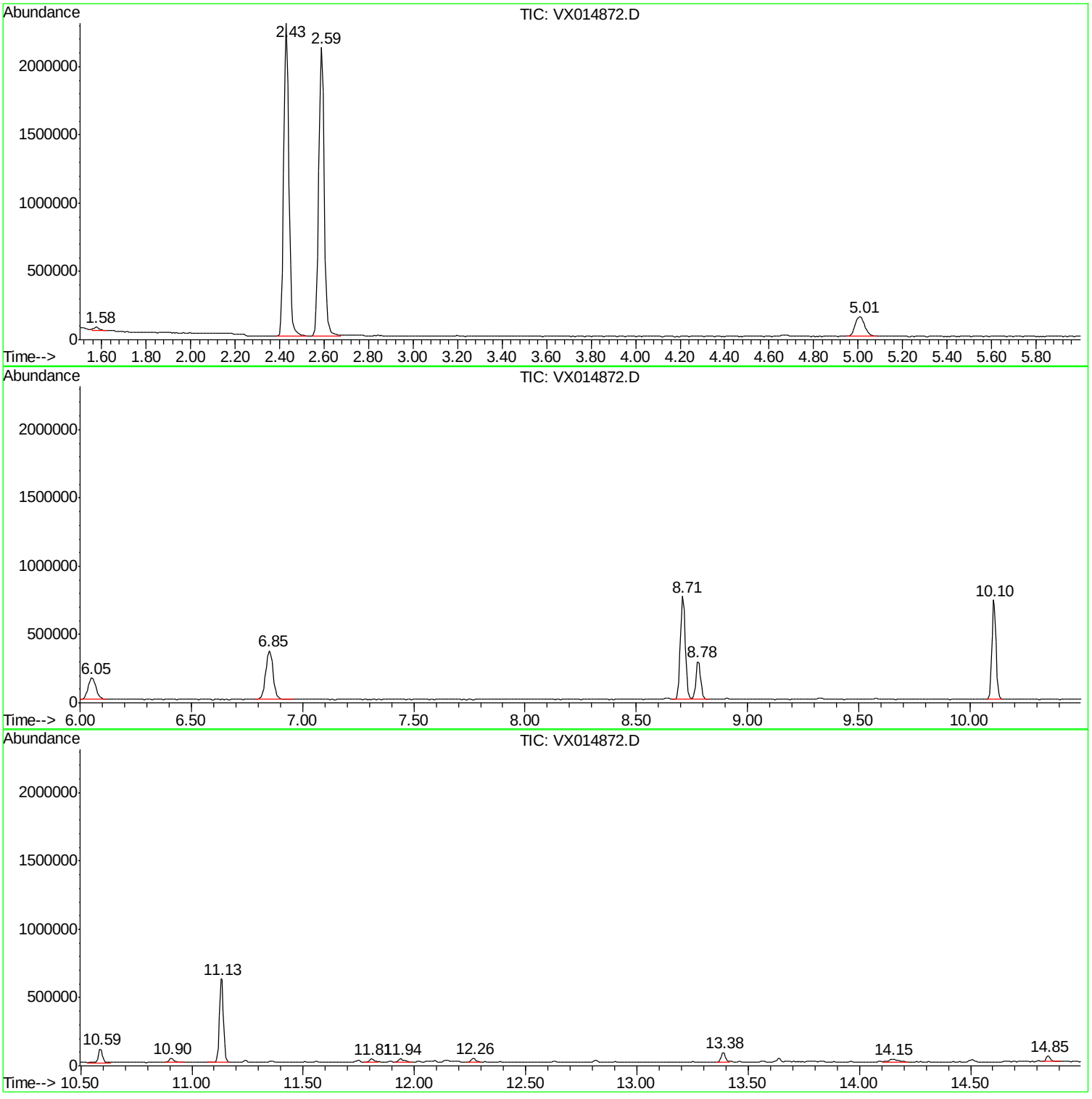
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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 unknown1.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.58	3.16 ug/l	45905	Bromochloromethane	5.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 3-(methylthio)-	104	C4H8OS	003268-49-3	36
2	Methanethiol	48	CH4S	000074-93-1	25
3	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	25
4	Diethylpropion Hydrochloride	205	C13H19NO	000134-80-5	25
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	25

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Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	250.76 ug/l	3639270	Bromochloromethane	5.01

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	Formamide	45	CH3NO	000075-12-7	5
5	Formamide	45	CH3NO	000075-12-7	4

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.27 ug/l	140858	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	91
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	91
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	83
4	cis-4-Decene	140	C10H20	019398-88-0	68
5	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	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
unknown1.58	1.58	3.2	ug/l	45905	1	5.01	435390	30.0
Isopropyl Alcohol	2.59	250.8	ug/l	3639270	1	5.01	435390	30.0
4-Octene, 2,6-dim...	10.59	4.3	ug/l	140858	3	10.10	990664	30.0