LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
Data File : VX043016.D
Acq On : 13 Aug 2024 15:43
Operator : JC/MD
Sample : P3546-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE

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\624X081324W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX043016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.392	208	214	238	rBV	623298	1176998	37.92%	17.586%
2	2.575	238	244	253	rVV	116216	206984	6.67%	3.093%
3	4.580	565	573	590	rBV	17873	56496	1.82%	0.844%
4	4.904	613	626	641	rBV2	56441	195158	6.29%	2.916%
5	5.958	789	799	811	rBV	67167	183099	5.90%	2.736%
6	6.763	922	931	942	rBV	149543	370393	11.93%	5.534%
7	8.647	1234	1240	1246	rVV	329106	525526	16.93%	7.852%
8	8.714	1246	1251	1269	rVB	1927417	3103985	100.00%	46.378%
9	10.055	1462	1471	1487	rBV	307793	439628	14.16%	6.569%
10	11.079	1631	1639	1651	rBV	241697	320826	10.34%	4.794%
11	12.006	1788	1791	1795	rBV	41174	51084	1.65%	0.763%
12	12.219	1821	1826	1833	rBV	41502	62586	2.02%	0.935%

Sum of corrected areas: 6692763

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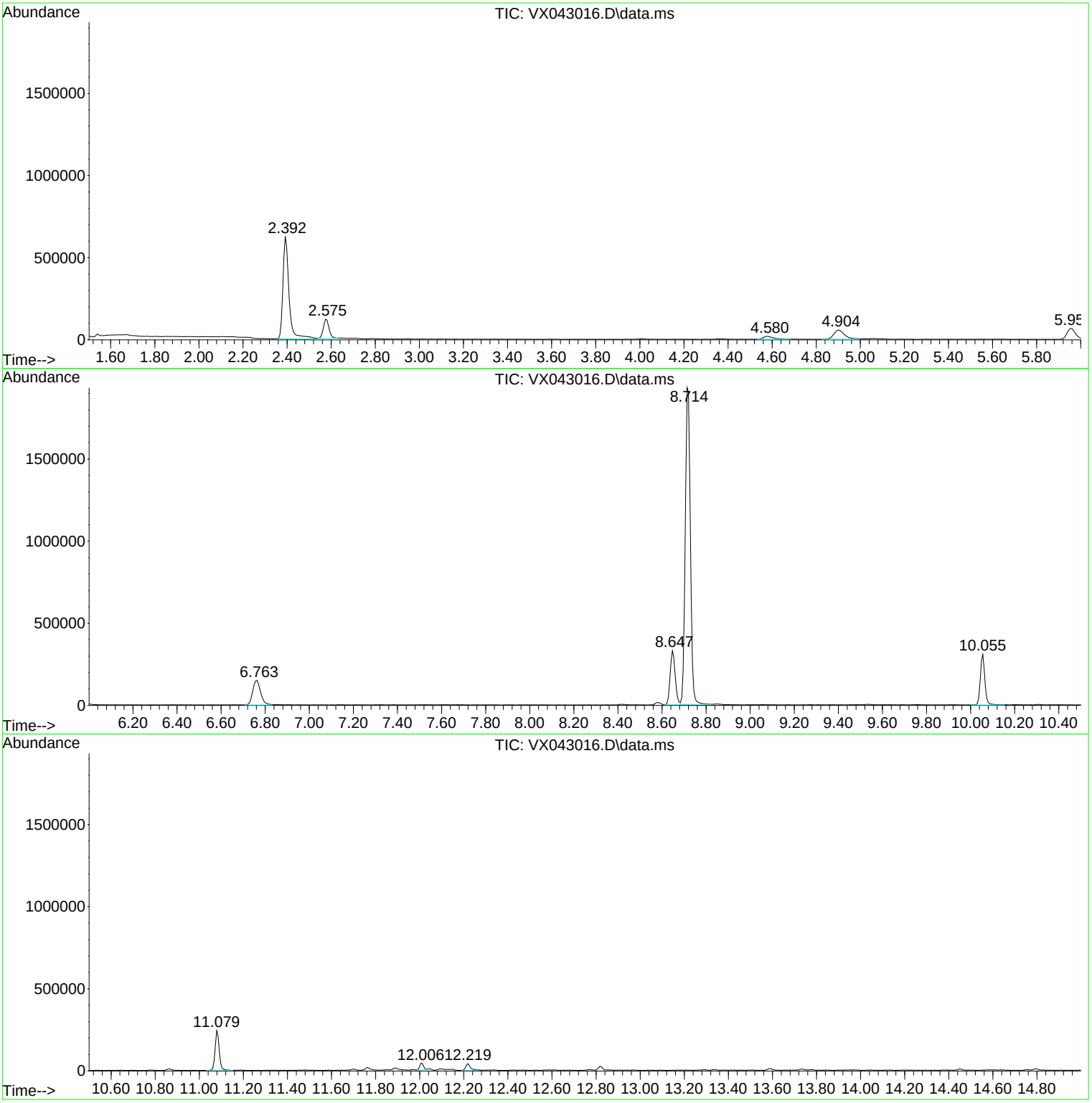
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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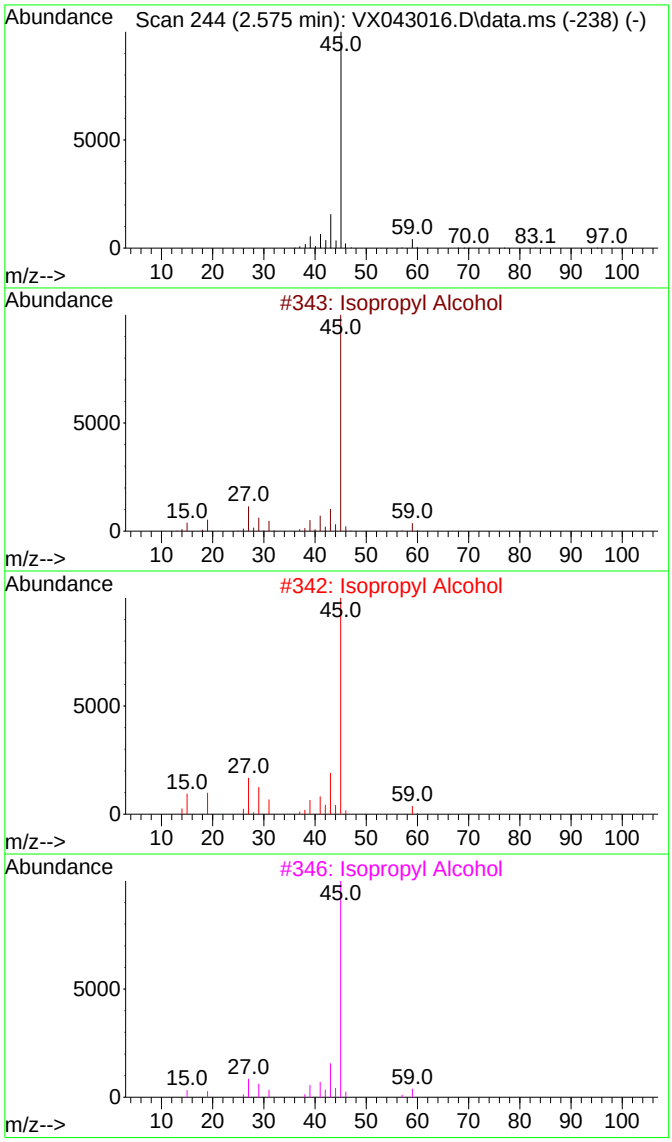
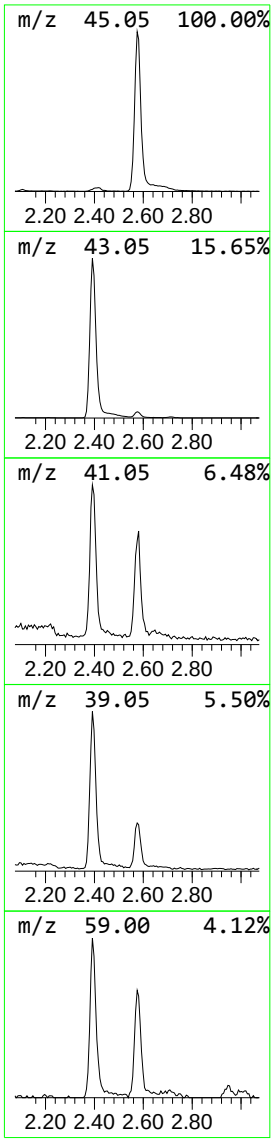
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.575	31.82 ug/l	206984	Bromochloromethane	4.904

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	64
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	7





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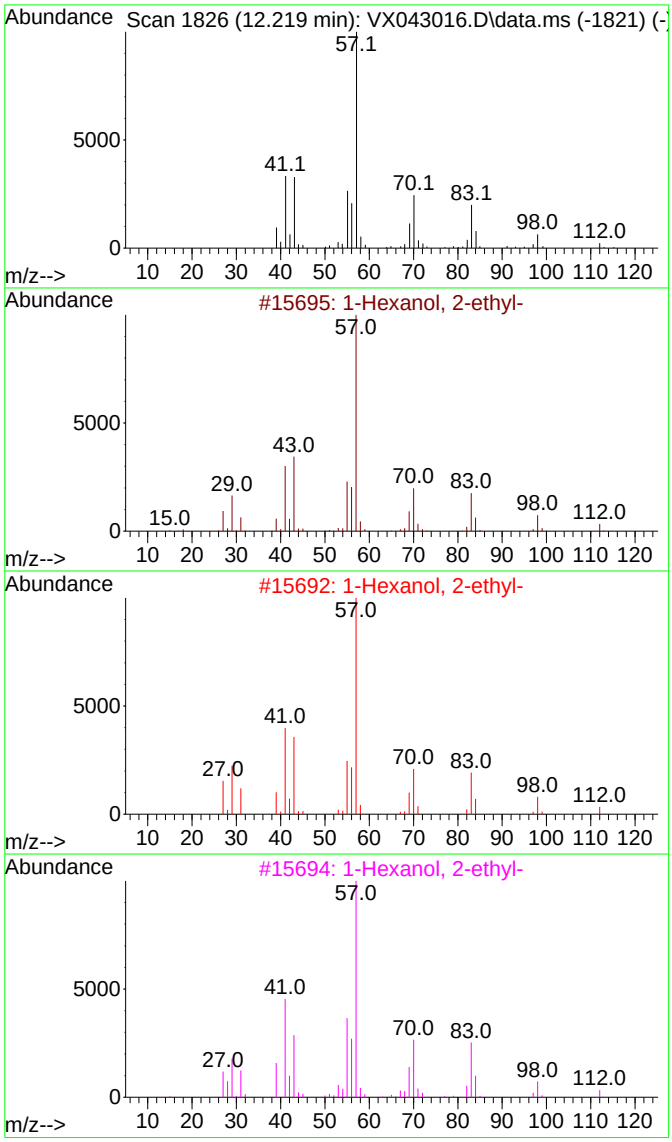
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

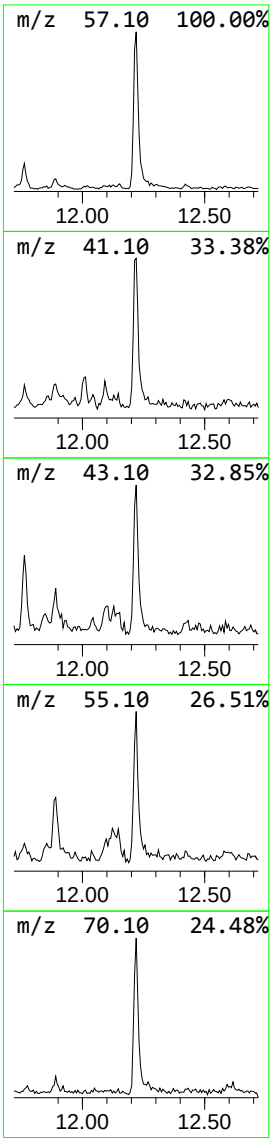
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	4.27 ug/l	62586	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.575	31.8	ug/l	206984	1	4.904	195158	30.0
1-Hexanol, 2-et...	12.219	4.3	ug/l	62586	3	10.055	439628	30.0