LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
Data File : VN087359.D
Acq On : 18 Jul 2025 12:34
Operator : JC\MD
Sample : Q2585-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

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\624N062525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN087359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	405	420	439	rBV	626070	1957429	35.85%	18.057%
2	4.718	455	470	503	rBV	1577867	5460766	100.00%	50.374%
3	7.800	984	994	1007	rBV2	114127	290803	5.33%	2.683%
4	8.565	1113	1124	1136	rVB2	115982	269057	4.93%	2.482%
5	9.083	1202	1212	1221	rBV	245824	505075	9.25%	4.659%
6	10.547	1453	1461	1468	rBV	363891	671674	12.30%	6.196%
7	11.847	1672	1682	1692	rBV	315514	583849	10.69%	5.386%
8	12.829	1842	1849	1864	rBV	222353	402699	7.37%	3.715%
9	13.894	2021	2030	2047	rBV2	121456	627299	11.49%	5.787%
10	14.541	2133	2140	2153	rVB6	23419	71844	1.32%	0.663%

Sum of corrected areas: 10840495

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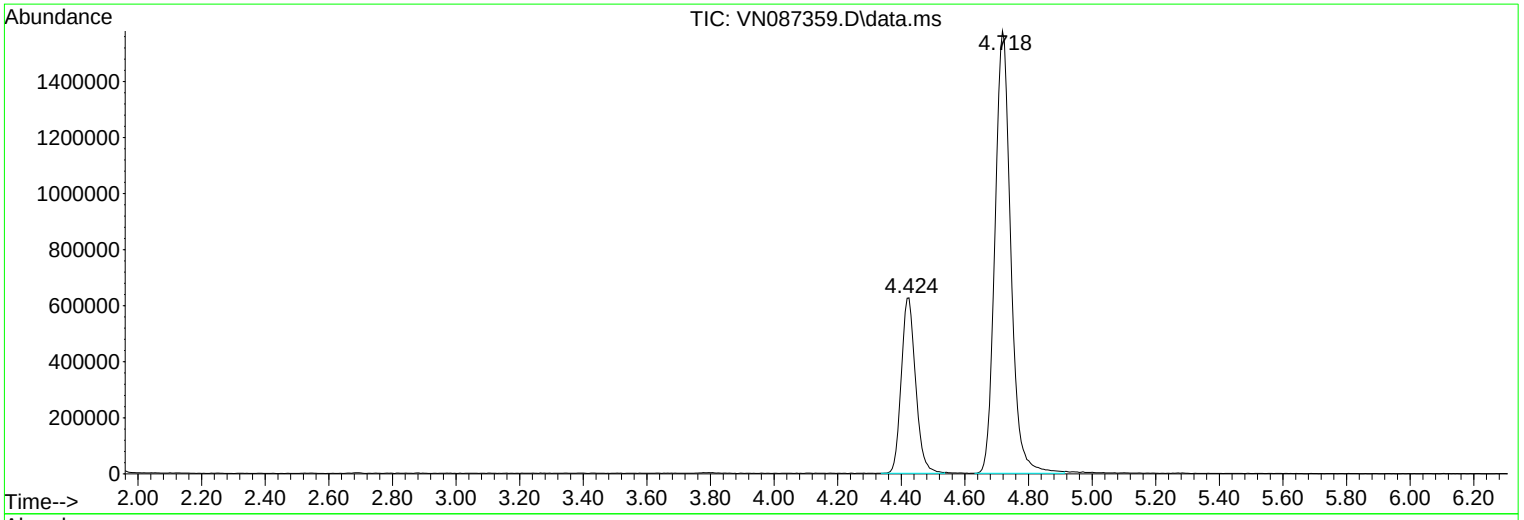
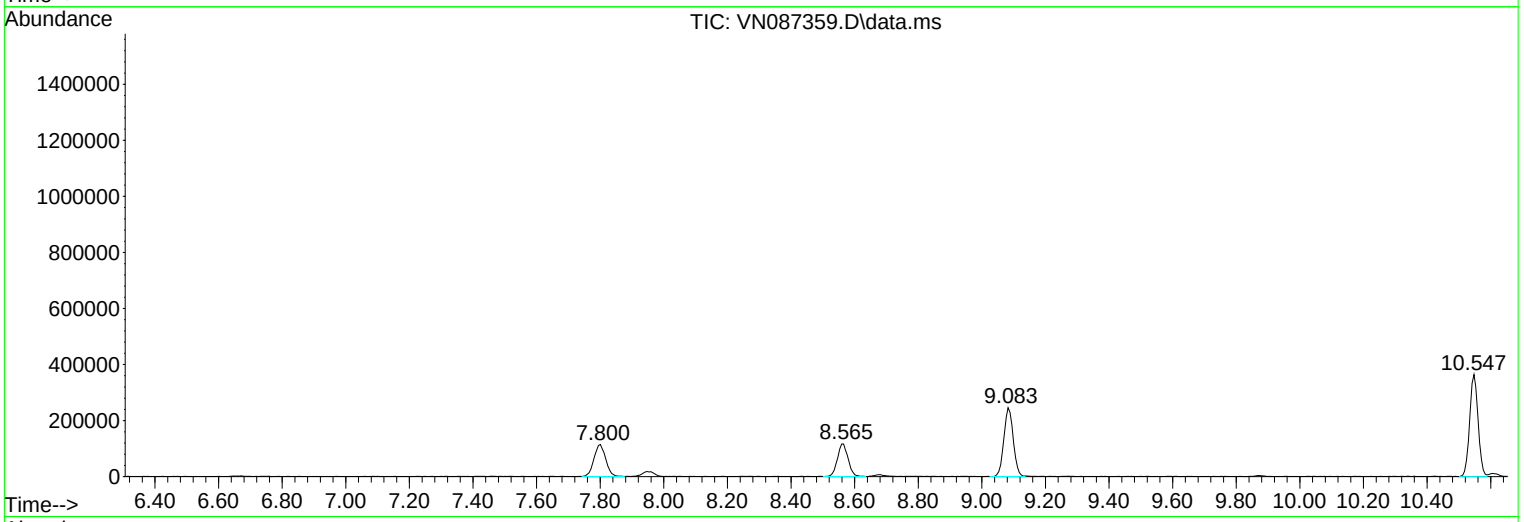
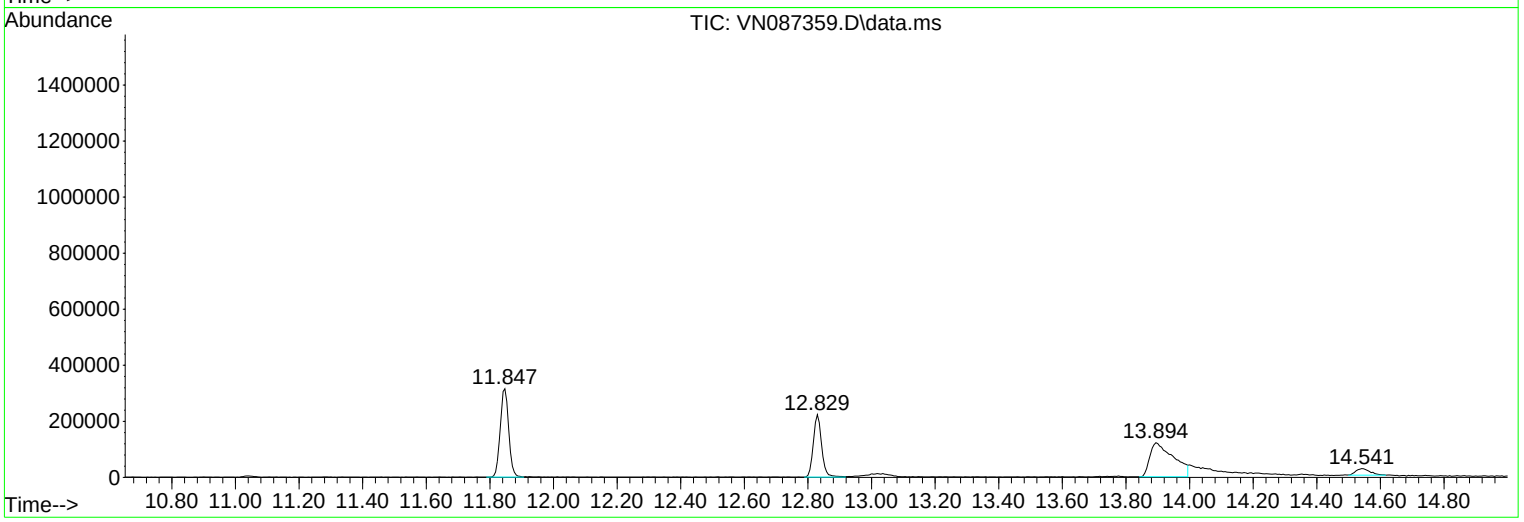
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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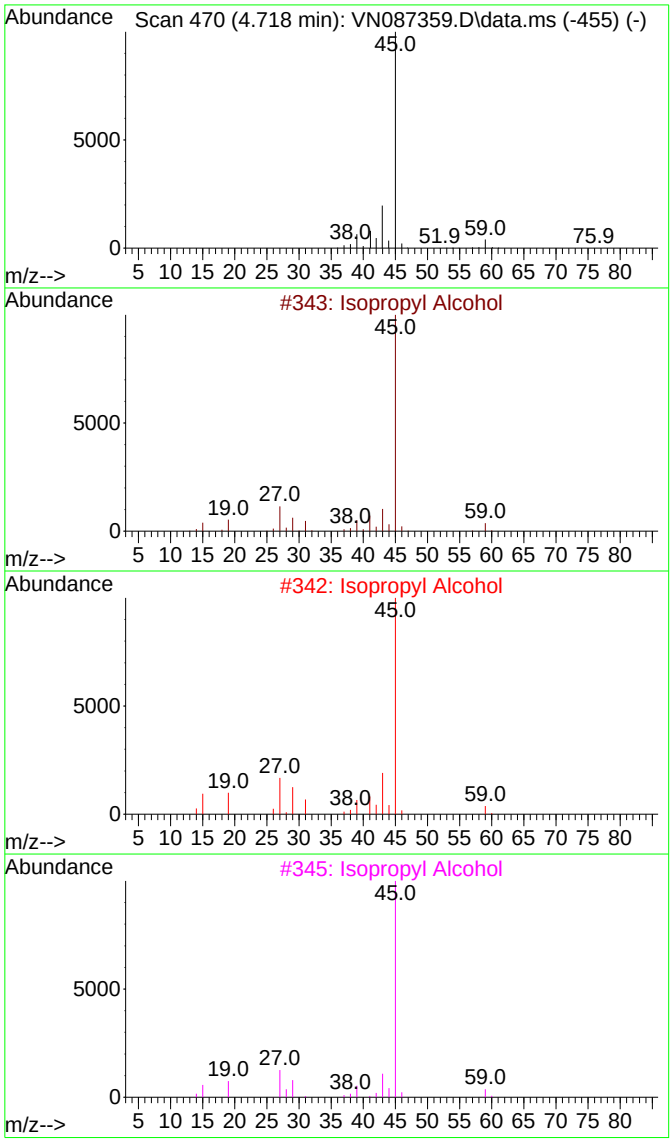
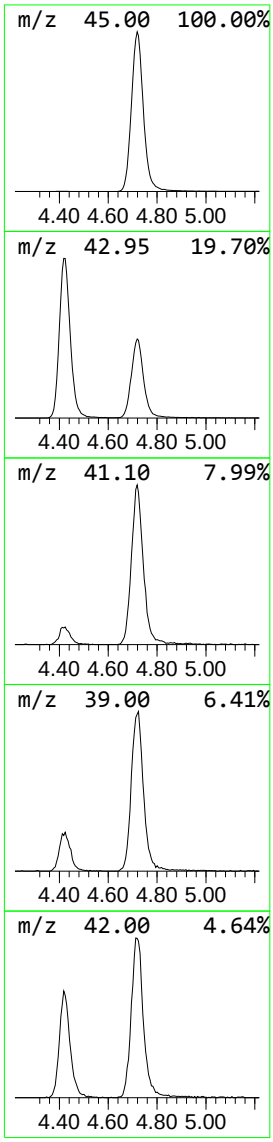
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	563.35 ug/l	5460770	Bromochloromethane	7.795

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	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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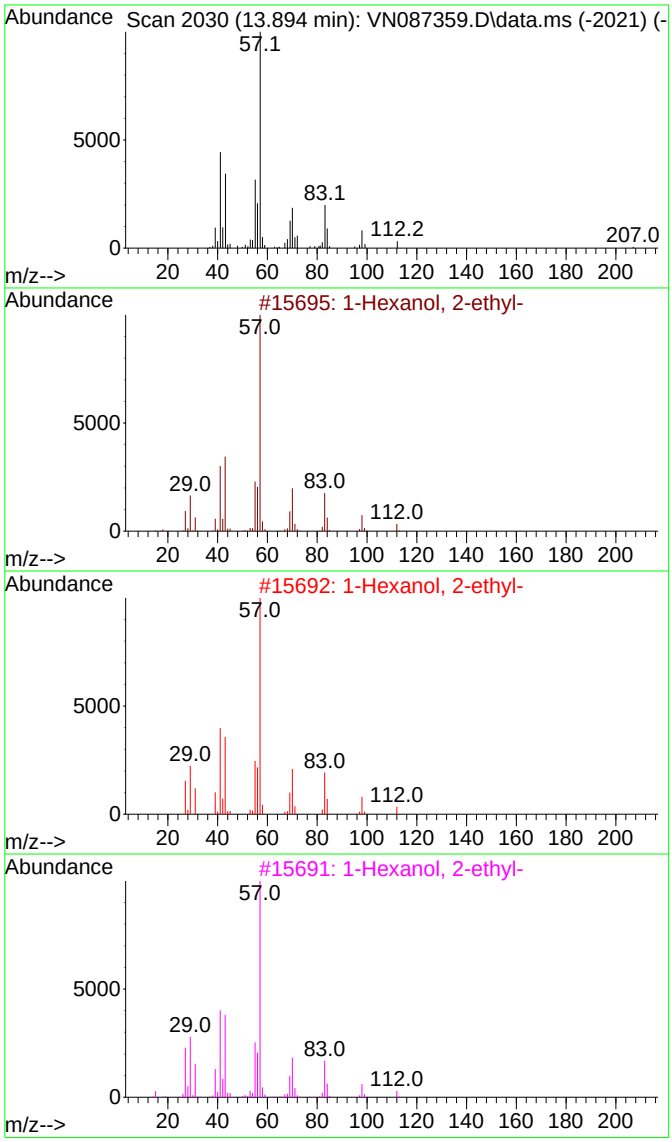
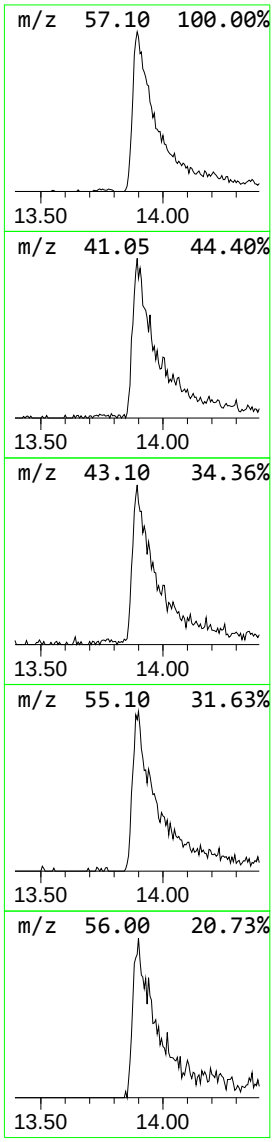
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.894	32.23 ug/l	627299	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
4	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	72
5	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	59





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MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

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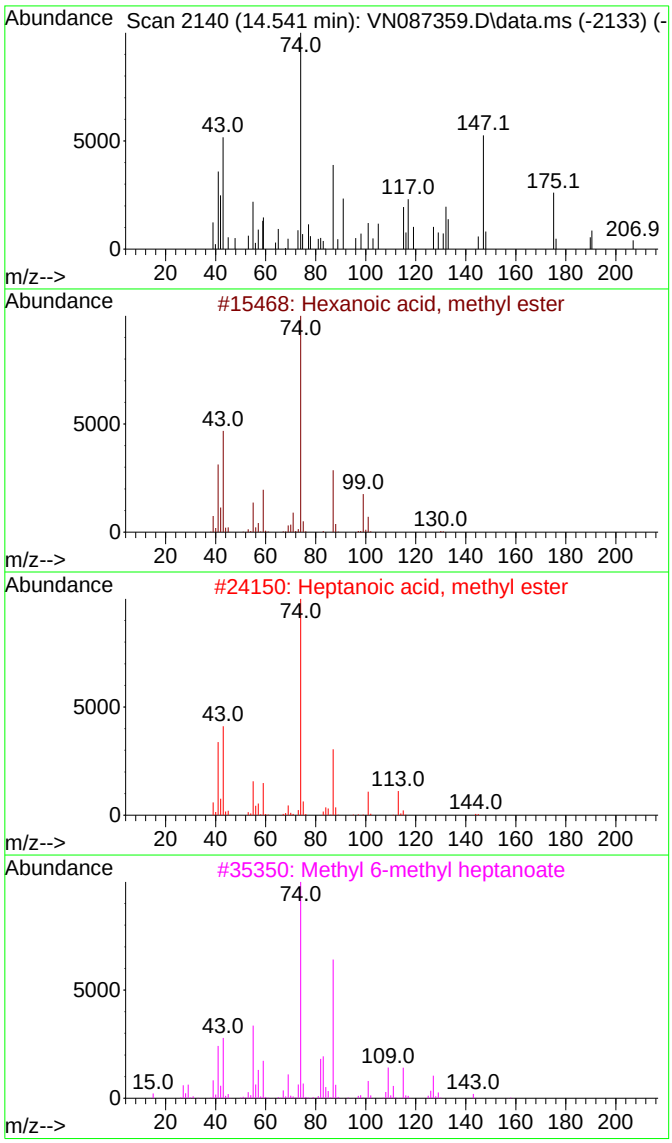
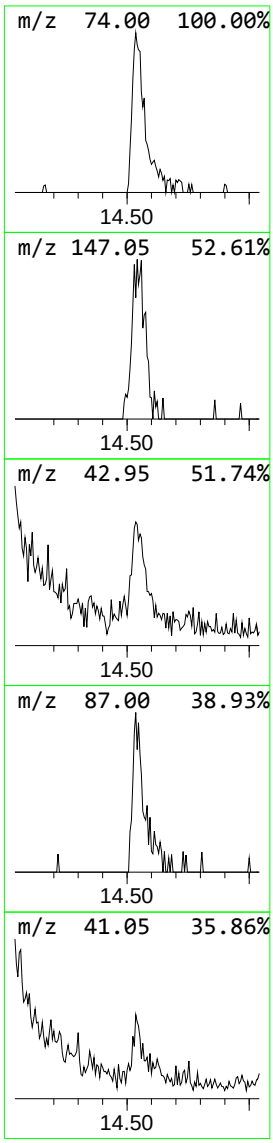
Peak Number 3 unknown14.541 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	3.69 ug/l	71844	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	38
2	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	38
3	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	38
4	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	35
5	1-(4-tert-Butylphenyl)propan-2-one	190	C13H18O	081561-77-5	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.718	563.4	ug/l	5460770	1	7.795	290803	30.0
1-Hexanol, 2-et...	13.894	32.2	ug/l	627299	3	11.847	583849	30.0
unknown14.541	14.541	3.7	ug/l	71844	3	11.847	583849	30.0