LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
Data File : VN082111.D
Acq On : 13 May 2024 21:08
Operator : JC\MD
Sample : P2464-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 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\624N042624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN082111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.783	302	311	322	rBV2	86792	230668	4.00%	2.178%
2	4.424	409	420	432	rBV	230469	676095	11.72%	6.382%
3	4.706	455	468	486	rBV	1816046	5766755	100.00%	54.439%
4	5.030	513	523	534	rVB2	29659	94354	1.64%	0.891%
5	7.559	944	953	962	rBV2	159351	397973	6.90%	3.757%
6	7.818	988	997	1009	rBV3	74521	196222	3.40%	1.852%
7	8.577	1117	1126	1136	rBV	84997	187327	3.25%	1.768%
8	8.688	1137	1145	1156	rBV2	28667	70203	1.22%	0.663%
9	9.106	1207	1216	1225	rBV	168433	345875	6.00%	3.265%
10	10.571	1455	1465	1475	rBV	244967	460593	7.99%	4.348%
11	11.865	1678	1685	1696	rBV	209038	385770	6.69%	3.642%
12	12.847	1845	1852	1862	rVB	147506	254276	4.41%	2.400%
13	13.876	2018	2027	2038	rBV	856547	1370633	23.77%	12.939%
14	14.535	2132	2139	2148	rBV	104060	156354	2.71%	1.476%

Sum of corrected areas: 10593098

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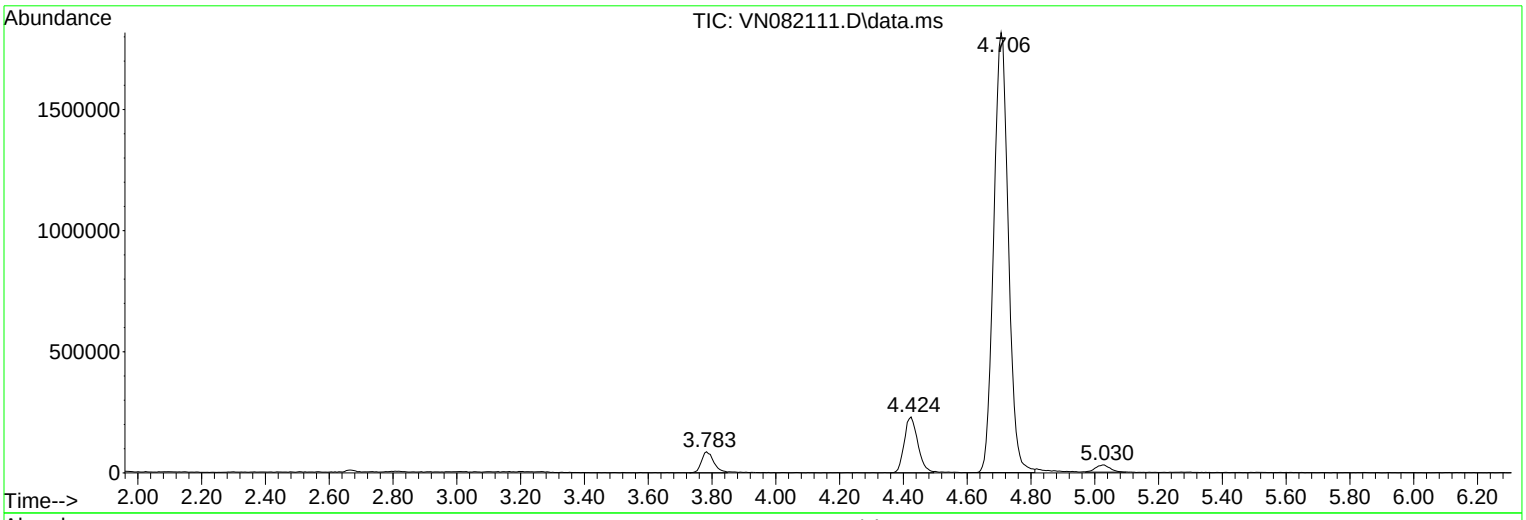
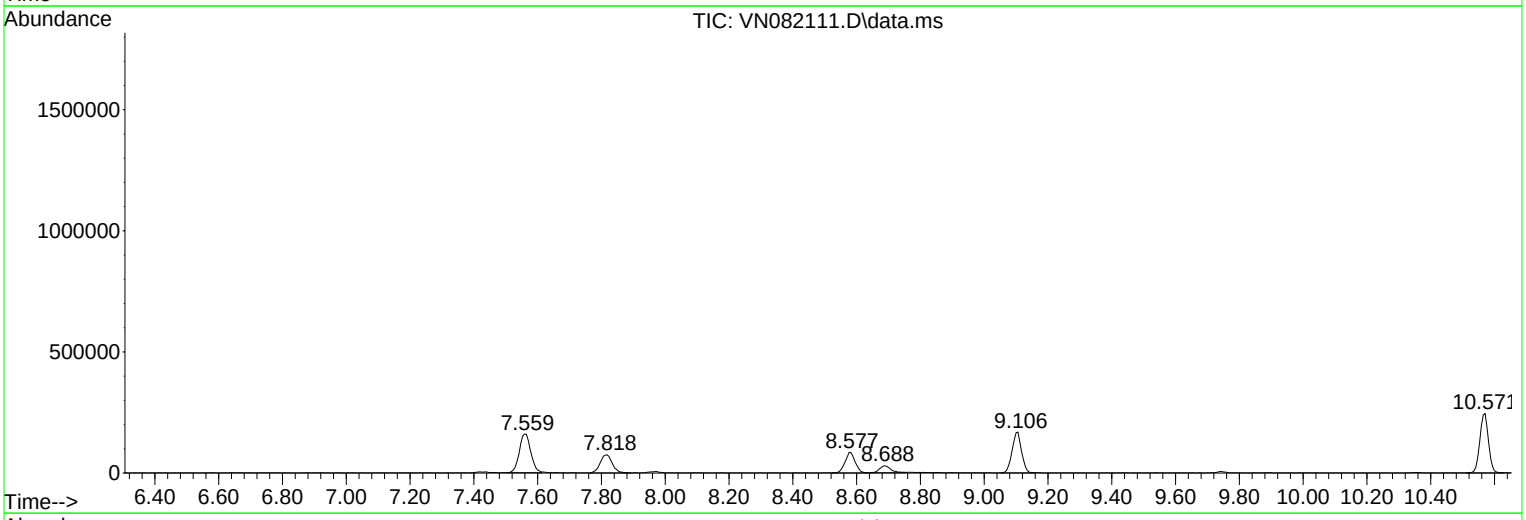
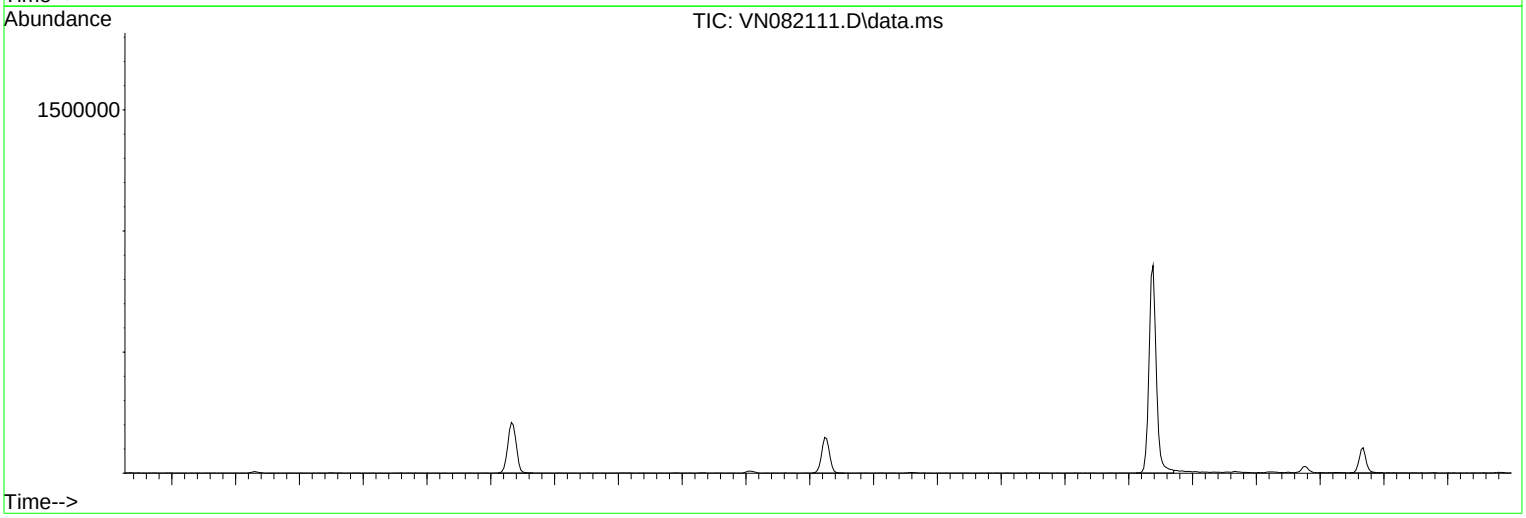
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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

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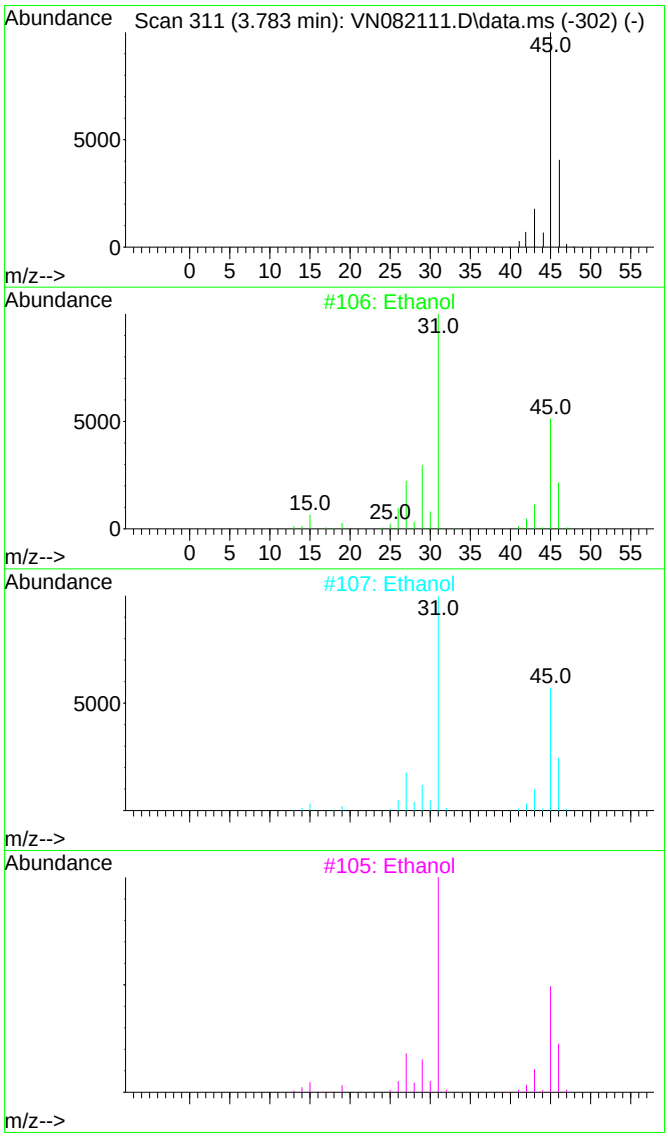
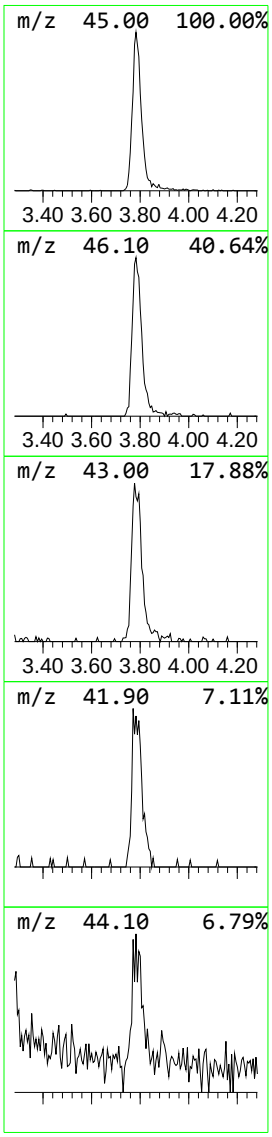
Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.783	35.27 ug/l	230668	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Ethanol	46	C2H6O	000064-17-5	74
3	Ethanol	46	C2H6O	000064-17-5	64
4	Ethanol	46	C2H6O	000064-17-5	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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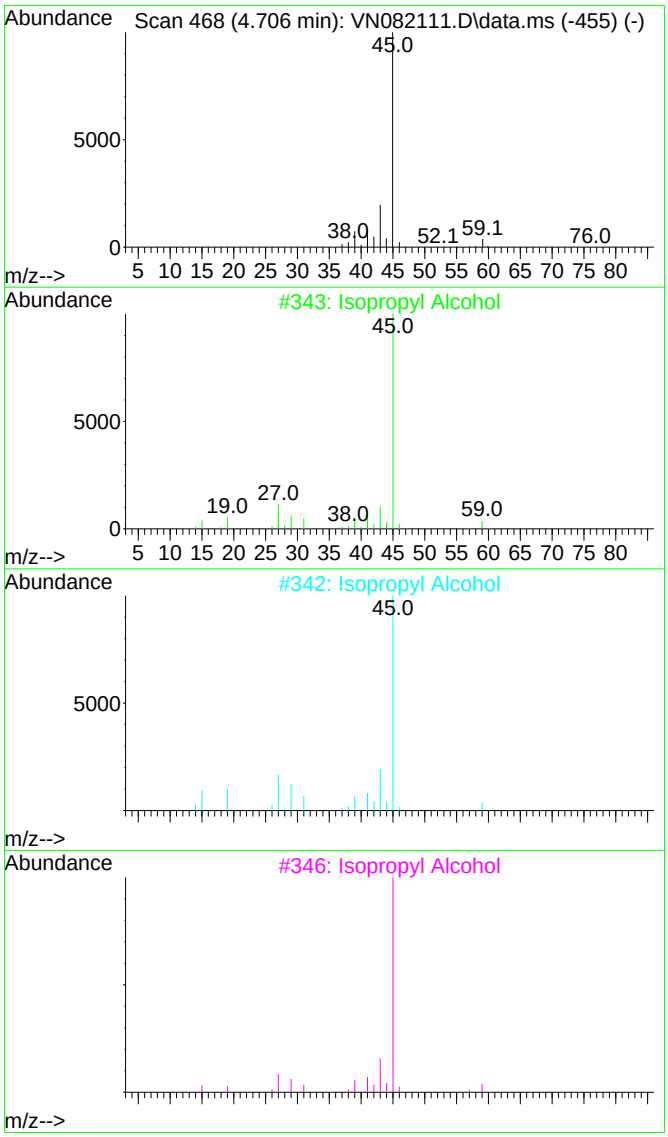
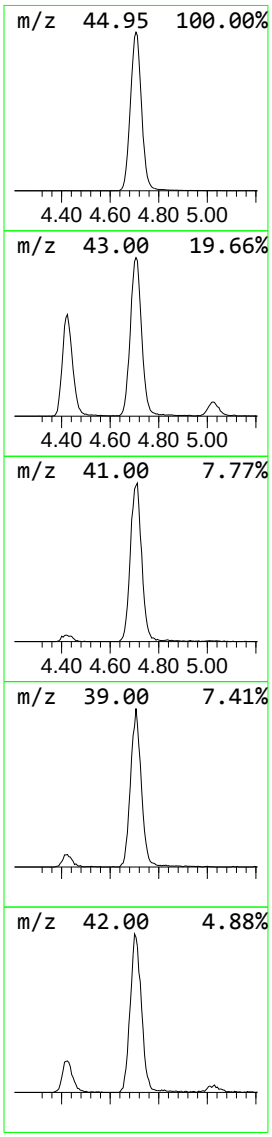
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.706	881.67 ug/l	5766760	Bromochloromethane	7.818

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	64





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Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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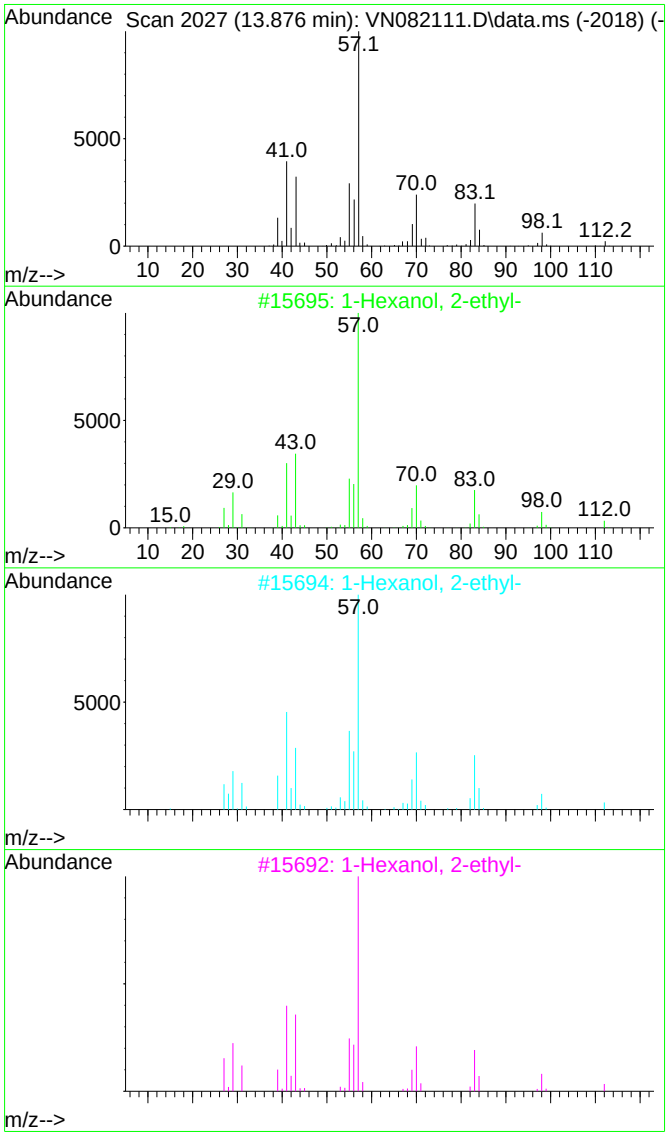
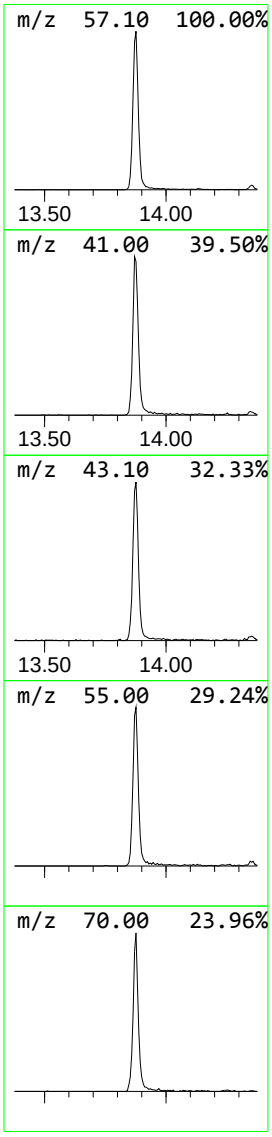
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	106.59 ug/l	1370630	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	53





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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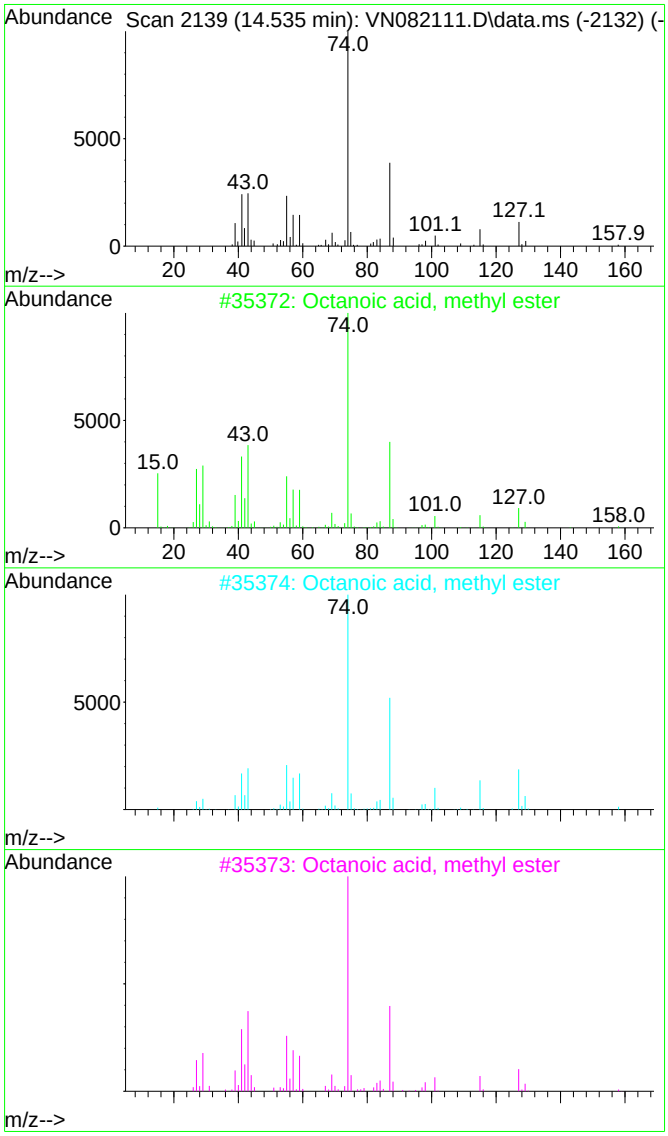
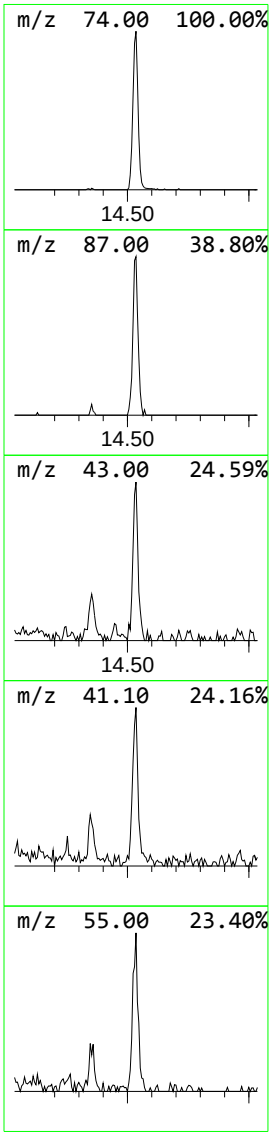
Peak Number 4 Octanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	12.16 ug/l	156354	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	91
2	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	91
3	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	91
4	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	87
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78





Tentatively Identified Compound (LSC) summary

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MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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
Ethanol	3.783	35.3	ug/l	230668	1	7.818	196222	30.0
Isopropyl Alcohol	4.706	881.7	ug/l	5766760	1	7.818	196222	30.0
1-Hexanol, 2-et...	13.876	106.6	ug/l	1370630	3	11.865	385770	30.0
Octanoic acid, ...	14.535	12.2	ug/l	156354	3	11.865	385770	30.0