LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084880.D
Acq On : 15 Nov 2024 19:36
Operator : JC\MD
Sample : P4762-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 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\624N103124W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.430	409	421	439	rBV2	124244	371500	3.45%	1.284%
2	4.736	457	473	495	rBV	2396003	8000144	74.23%	27.655%
3	6.671	790	802	819	rBV2	99747	319424	2.96%	1.104%
4	7.812	984	996	1011	rVB2	74596	188916	1.75%	0.653%
5	7.977	1014	1024	1035	rBV2	86143	213119	1.98%	0.737%
6	8.577	1118	1126	1134	rBV	77461	170762	1.58%	0.590%
7	9.100	1206	1215	1227	rVB2	165485	335042	3.11%	1.158%
8	9.659	1301	1310	1321	rBV	710978	1310135	12.16%	4.529%
9	10.565	1455	1464	1472	rBV	260163	463217	4.30%	1.601%
10	11.200	1565	1572	1582	rBV	93469	151306	1.40%	0.523%
11	11.865	1672	1685	1696	rBV	230862	412737	3.83%	1.427%
12	12.235	1737	1748	1754	rBV2	118022	263645	2.45%	0.911%
13	12.306	1754	1760	1767	rVB	106501	172622	1.60%	0.597%
14	12.418	1767	1779	1791	rBV	6895144	10777560	100.00%	37.256%
15	12.847	1845	1852	1863	rVB	187333	325745	3.02%	1.126%
16	13.870	2020	2026	2035	rBV	94471	154924	1.44%	0.536%
17	14.241	2082	2089	2100	rBV	72874	127127	1.18%	0.439%
18	14.347	2101	2107	2121	rVV	3495495	5170782	47.98%	17.874%

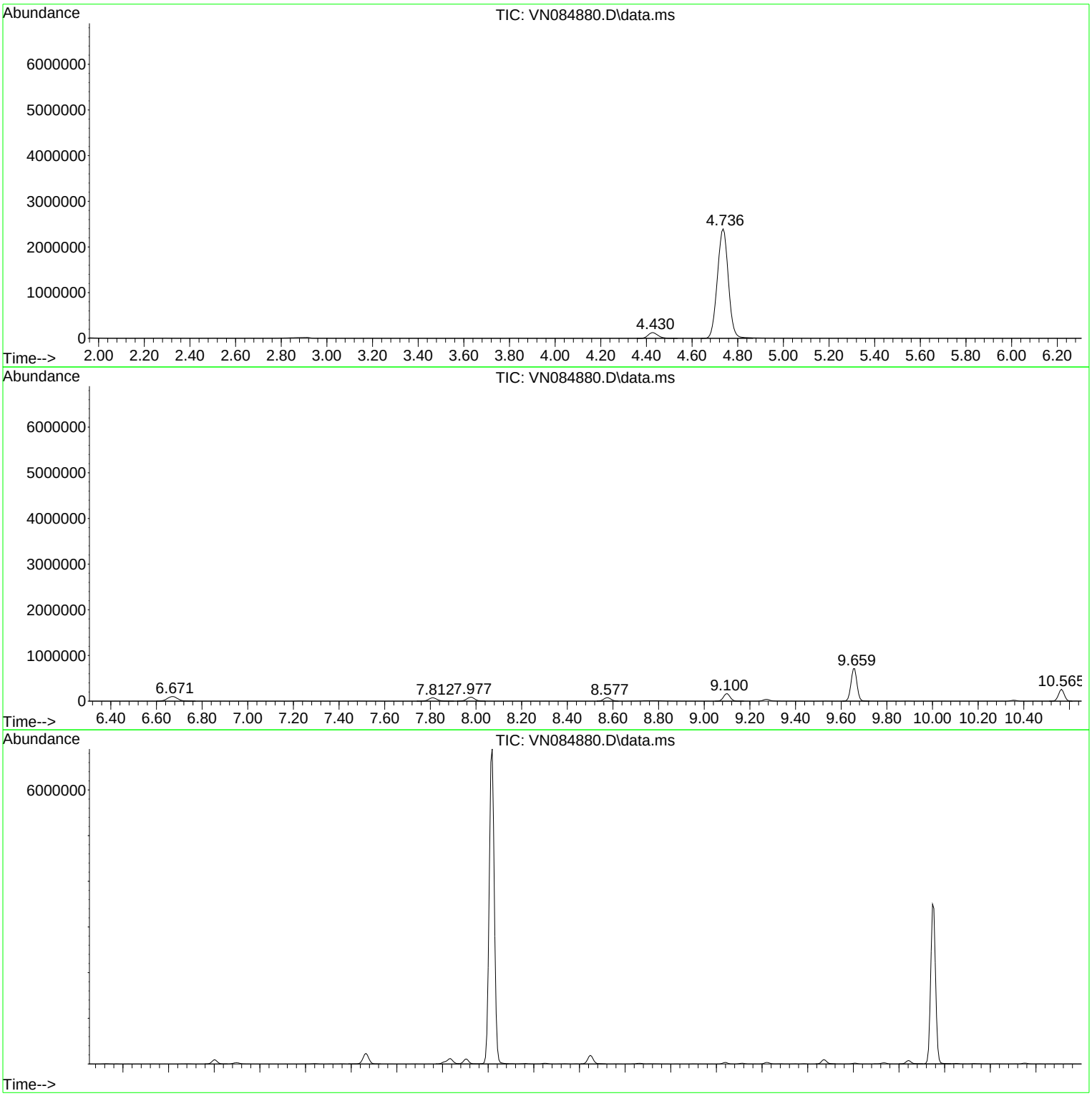
Sum of corrected areas: 28928707

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084880.D
Acq On : 15 Nov 2024 19:36
Operator : JC\MD
Sample : P4762-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084880.D
Acq On : 15 Nov 2024 19:36
Operator : JC\MD
Sample : P4762-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

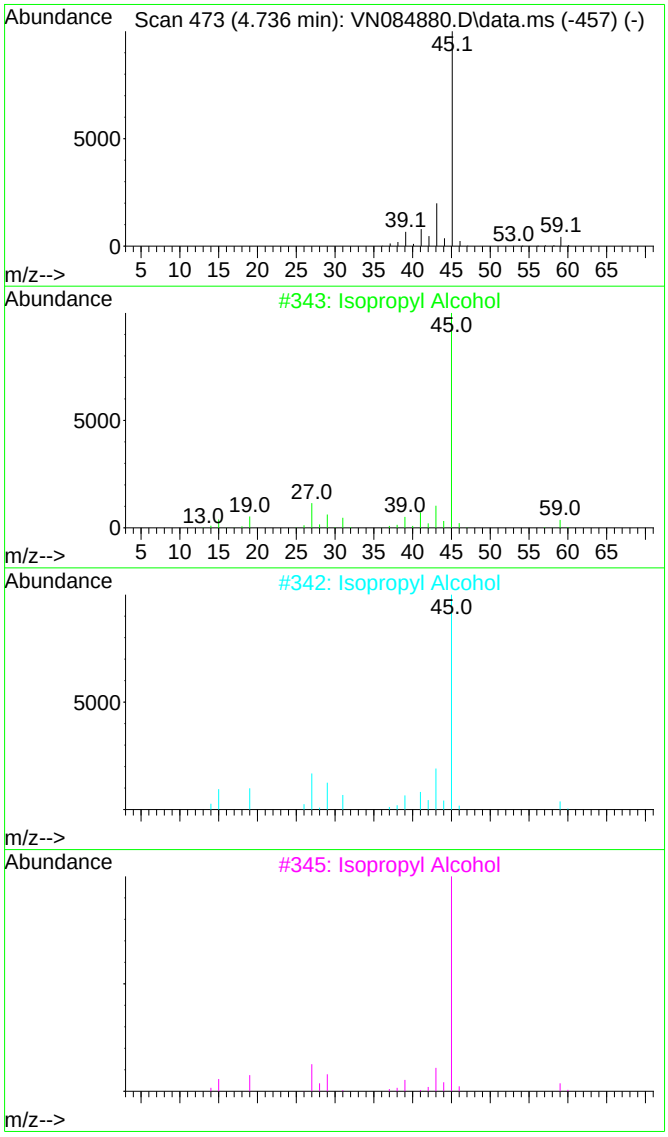
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

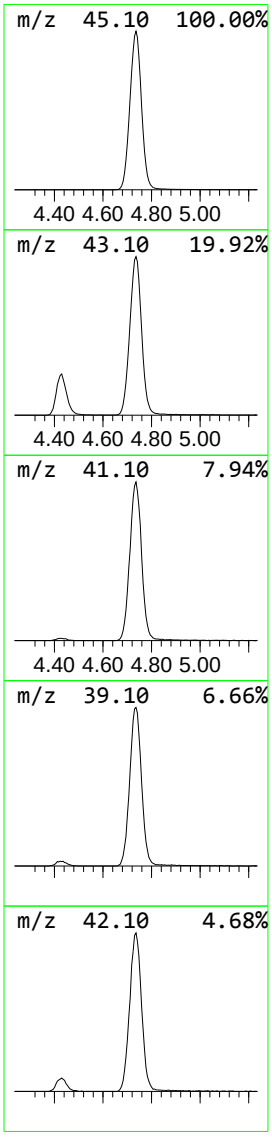
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.736	1270.43 ug/l	8000140	Bromochloromethane	7.812

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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Data File : VN084880.D
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Operator : JC\MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

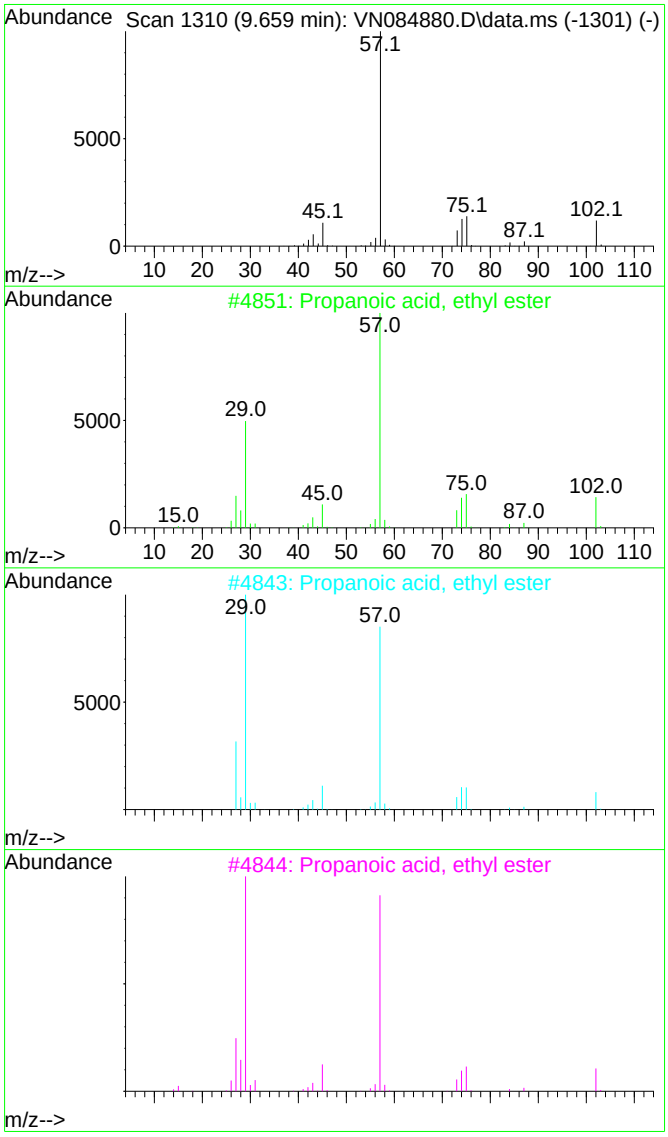
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

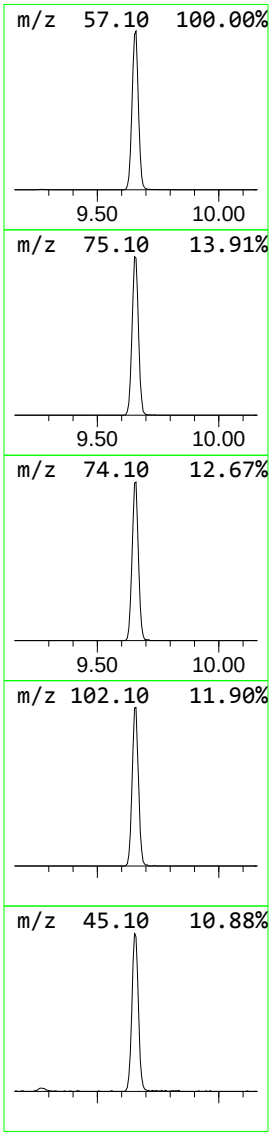
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanoic acid, ethyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.659	117.31 ug/l	1310140	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	91
2	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	90
3	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	90
4	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	72
5	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	64





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Data File : VN084880.D
Acq On : 15 Nov 2024 19:36
Operator : JC\MD
Sample : P4762-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

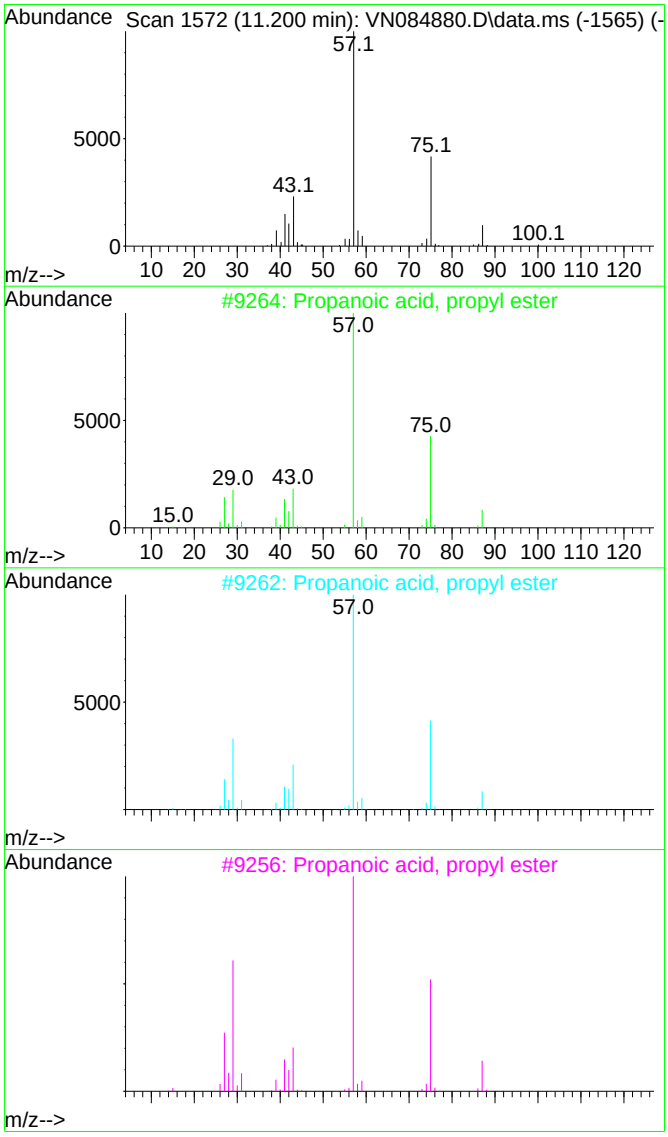
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

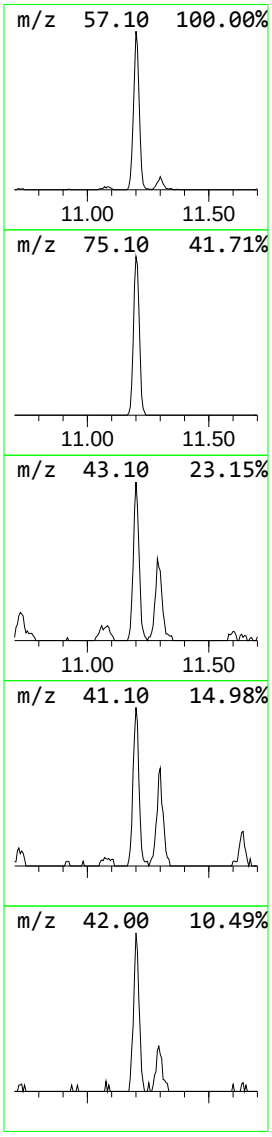
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.200	11.00 ug/l	151306	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
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Operator : JC\MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

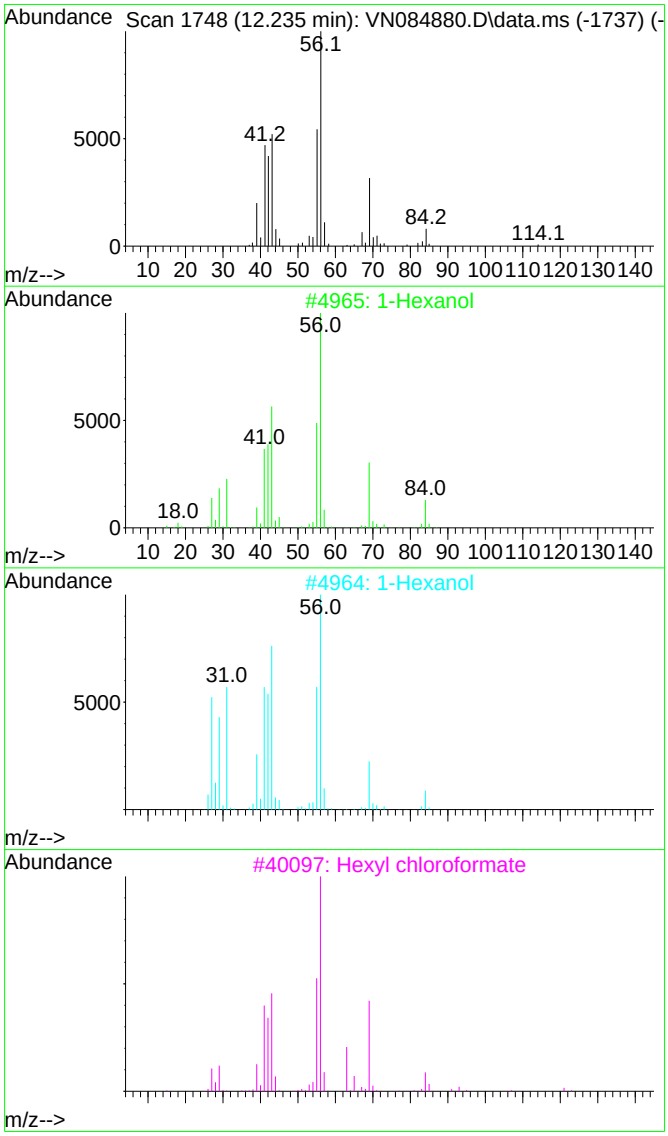
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

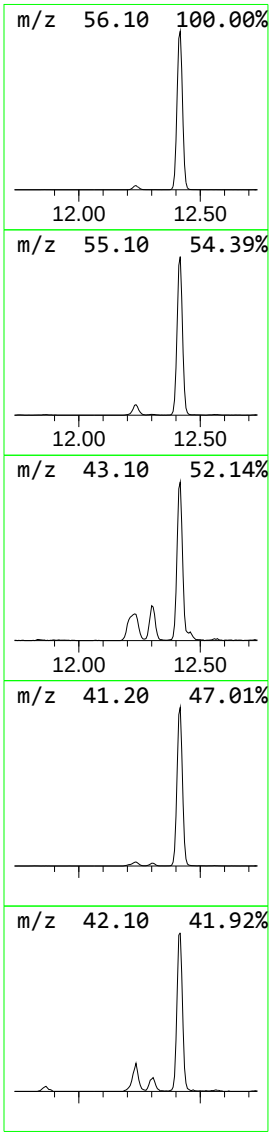
****

Peak Number 4 1-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.235	19.16 ug/l	263645	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	1-Hexanol	102	C6H14O	000111-27-3	78
3	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084880.D
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Operator : JC\MD
Sample : P4762-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

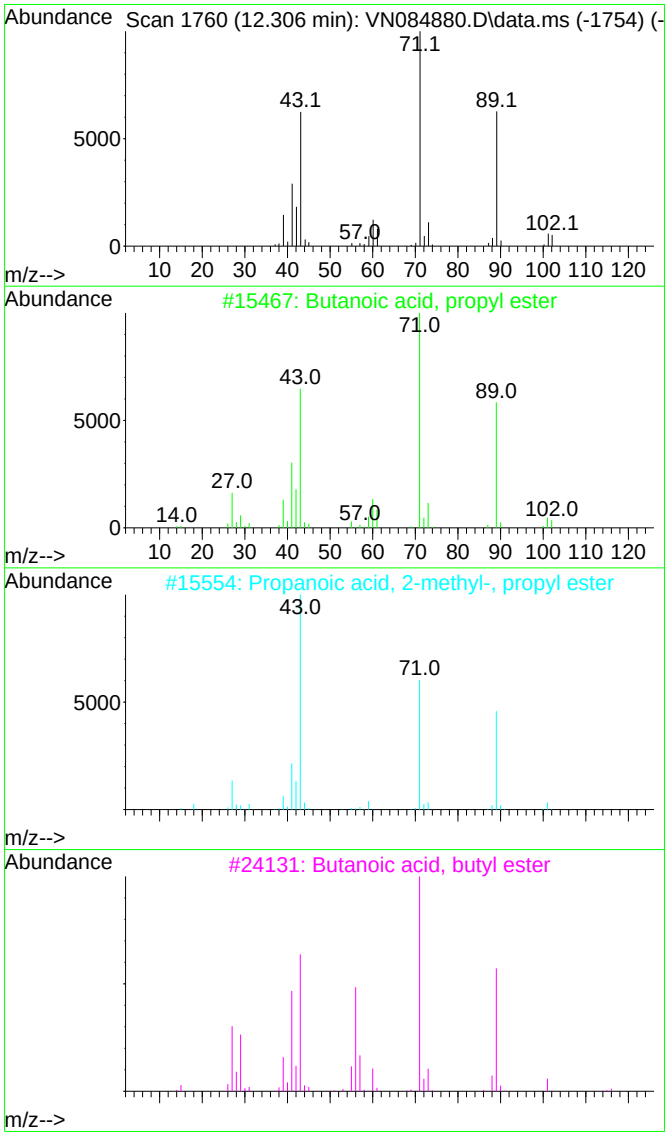
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

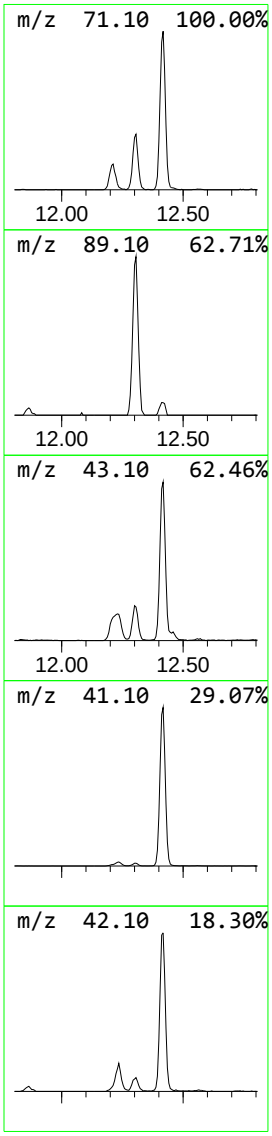
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butanoic acid, propyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	12.55 ug/l	172622	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

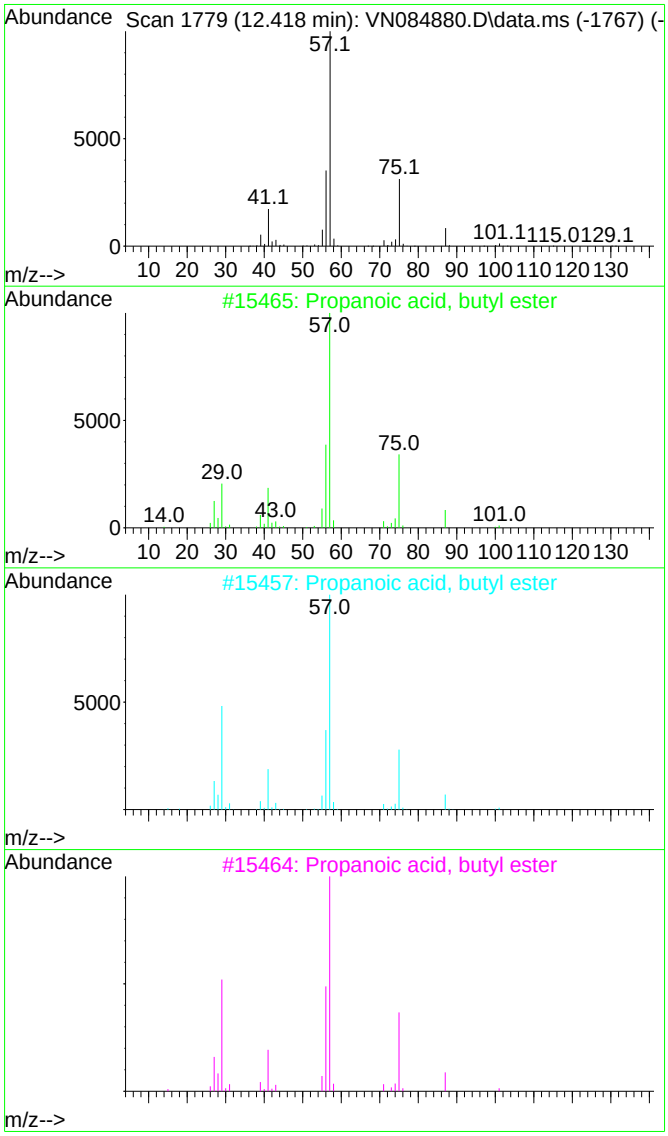
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

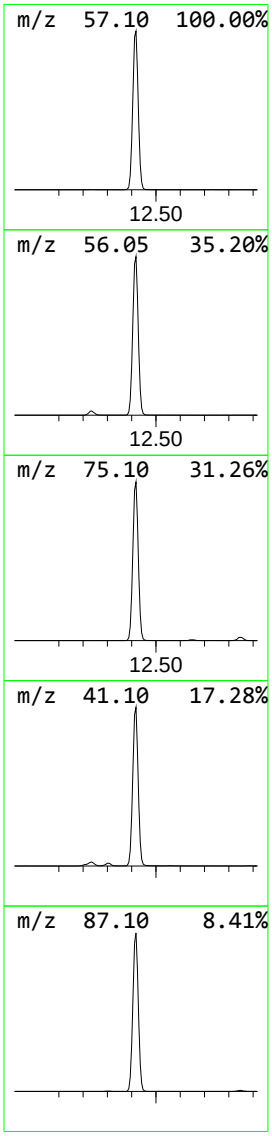
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.418	783.37 ug/l	10777600	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	90
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	83
3	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	83
4	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	74
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

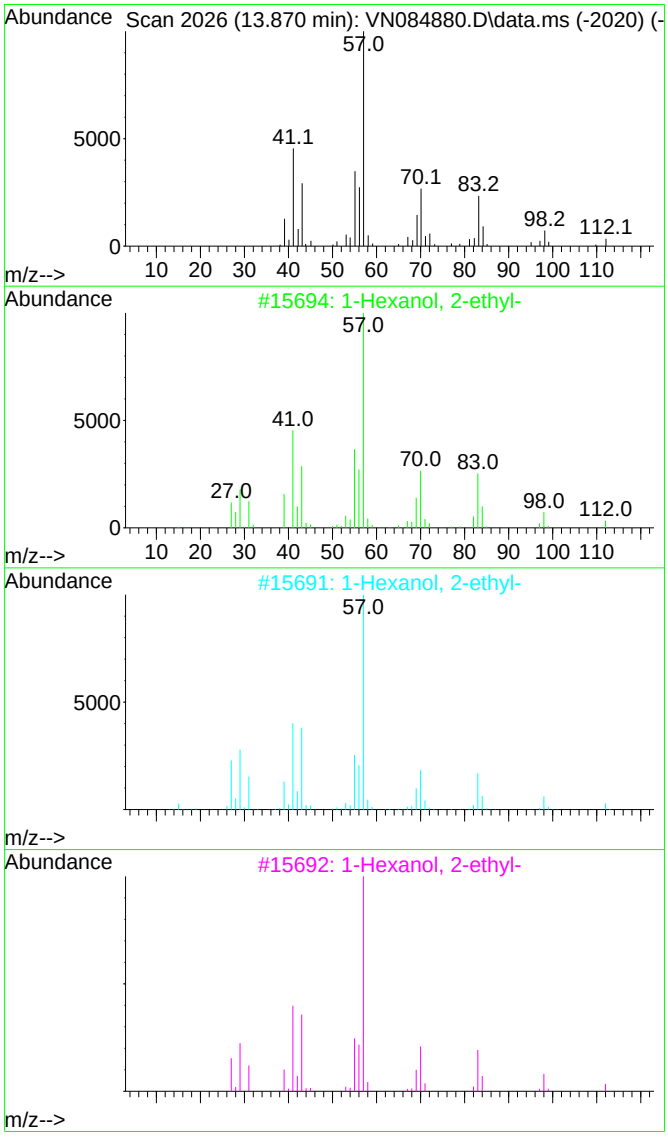
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

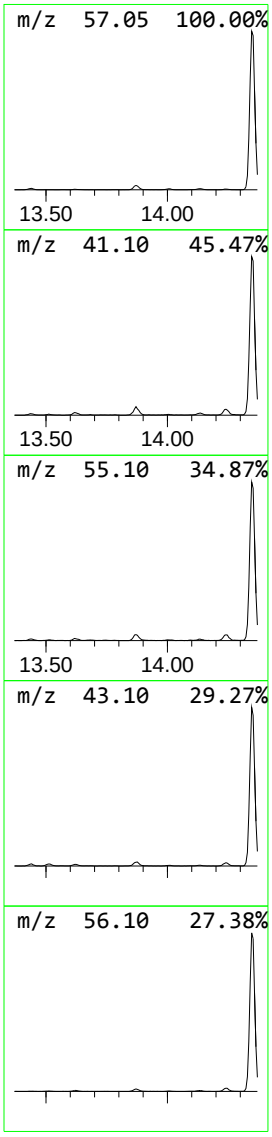
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	11.26 ug/l	154924	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

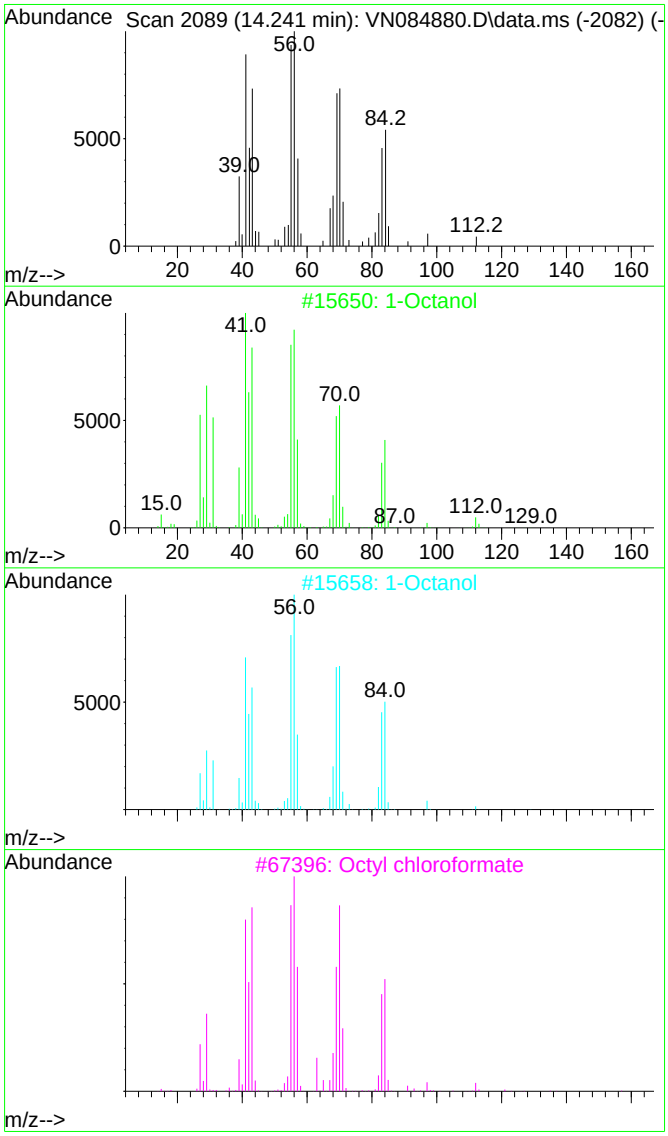
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

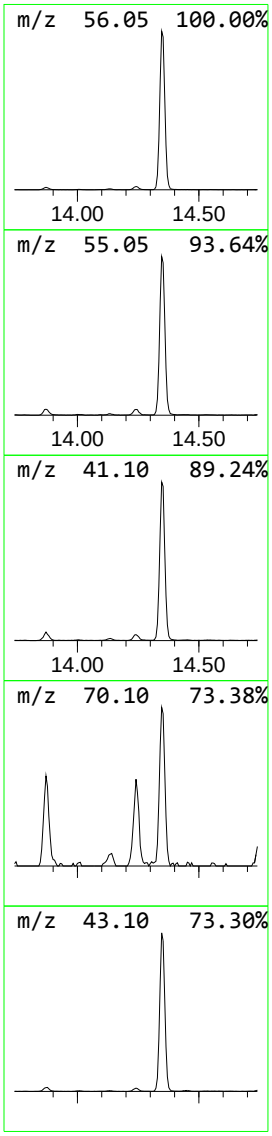
****

Peak Number 8 1-Octanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	9.24 ug/l	127127	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	90
2	1-Octanol	130	C8H18O	000111-87-5	86
3	Octyl chloroformate	192	C9H17ClO2	007452-59-7	86
4	Formic acid, octyl ester	158	C9H18O2	000112-32-3	86
5	1-Octanol	130	C8H18O	000111-87-5	86





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

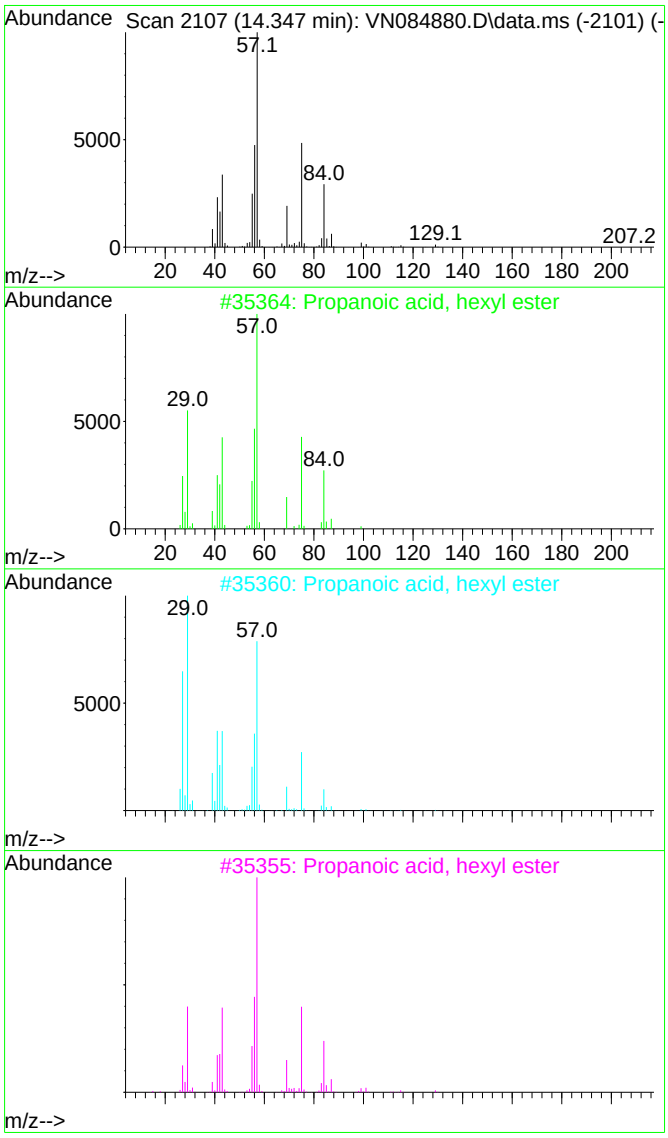
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

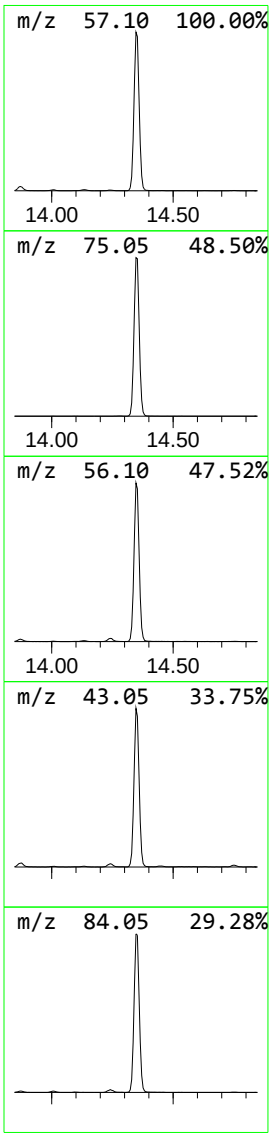
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Propanoic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	375.84 ug/l	5170780	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	90
2	Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	83
3	Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	83
4	Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	72
5	Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084880.D
Acq On : 15 Nov 2024 19:36
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Sample : P4762-01 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.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
Isopropyl Alcohol	4.736	1270.4	ug/l	8000140	1	7.812	188916	30.0
Propanoic acid,...	9.659	117.3	ug/l	1310140	2	9.100	335042	30.0
Propanoic acid,...	11.200	11.0	ug/l	151306	3	11.865	412737	30.0
1-Hexanol	12.235	19.2	ug/l	263645	3	11.865	412737	30.0
Butanoic acid, ...	12.306	12.6	ug/l	172622	3	11.865	412737	30.0
Propanoic acid,...	12.418	783.4	ug/l	10777600	3	11.865	412737	30.0
1-Hexanol, 2-et...	13.871	11.3	ug/l	154924	3	11.865	412737	30.0
1-Octanol	14.241	9.2	ug/l	127127	3	11.865	412737	30.0
Propanoic acid,...	14.347	375.8	ug/l	5170780	3	11.865	412737	30.0