LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
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_X\Method\624X021822W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX027106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.379	205	212	229	rBV	1853015	3233181	12.09%	8.406%
2	2.605	229	249	253	rBV	6951504	26748145	100.00%	69.545%
3	10.585	1552	1558	1565	rBV	992047	1231570	4.60%	3.202%
4	10.762	1582	1587	1599	rVB	855987	1019177	3.81%	2.650%
5	12.219	1821	1826	1843	rBV	900369	1127374	4.21%	2.931%
6	12.585	1880	1886	1900	rBV	536793	678908	2.54%	1.765%
7	12.701	1900	1905	1911	rBV	2229444	2594565	9.70%	6.746%
8	14.268	2157	2162	2169	rBV	1549728	1828887	6.84%	4.755%

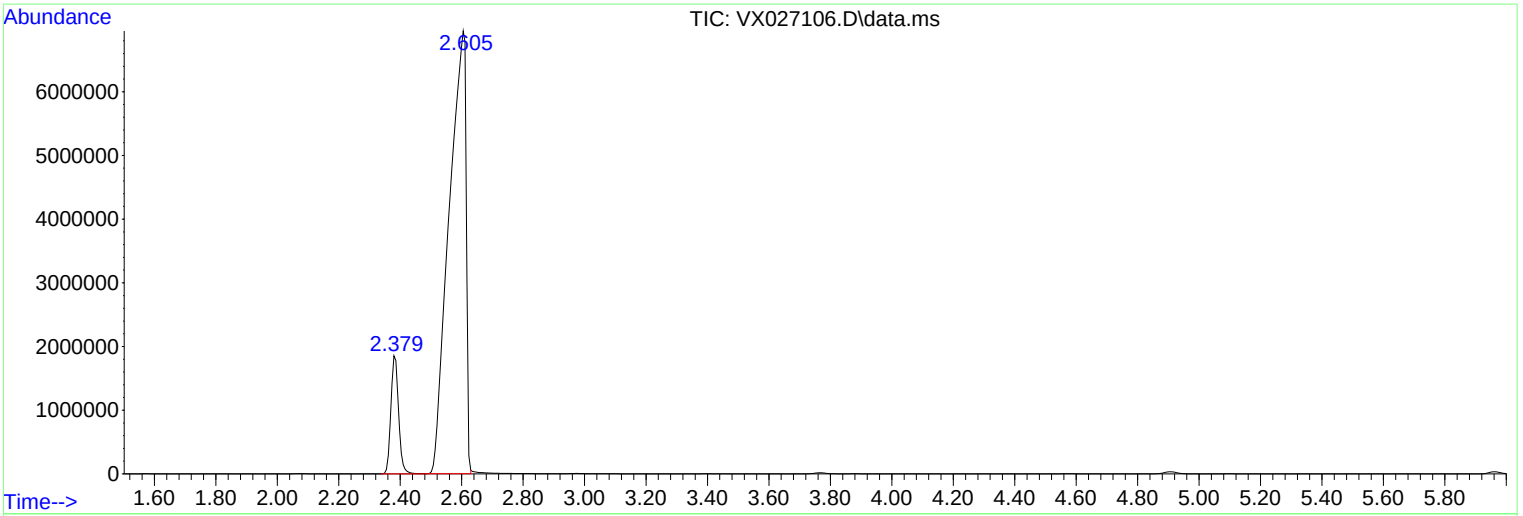
Sum of corrected areas: 38461807

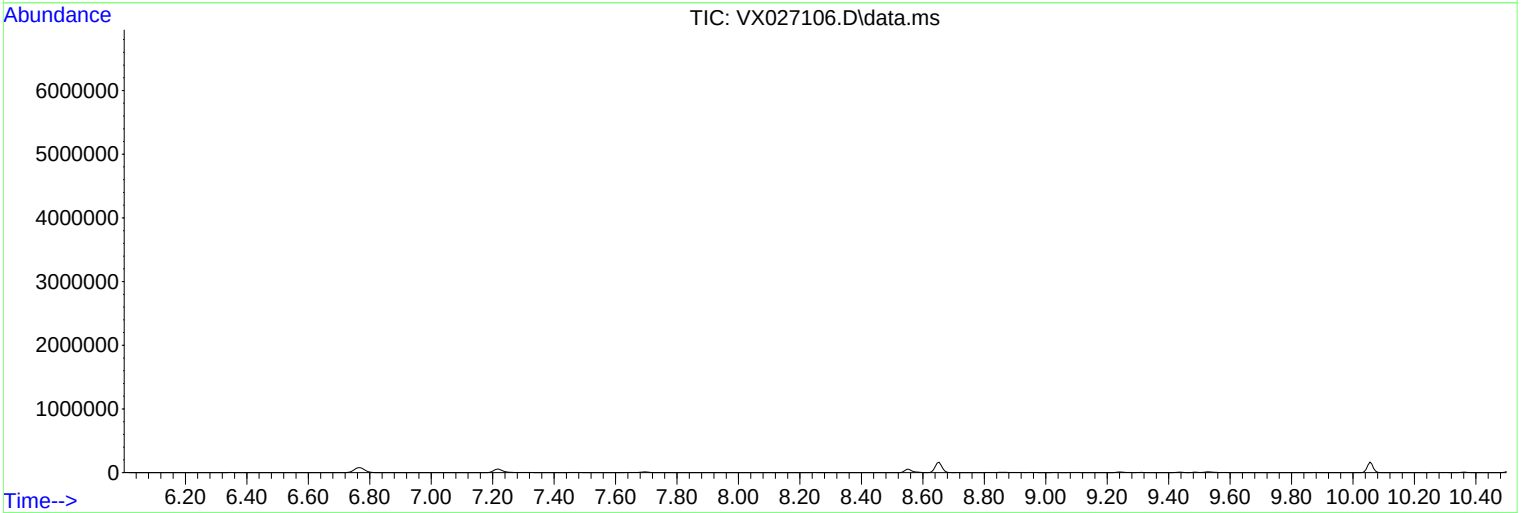
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

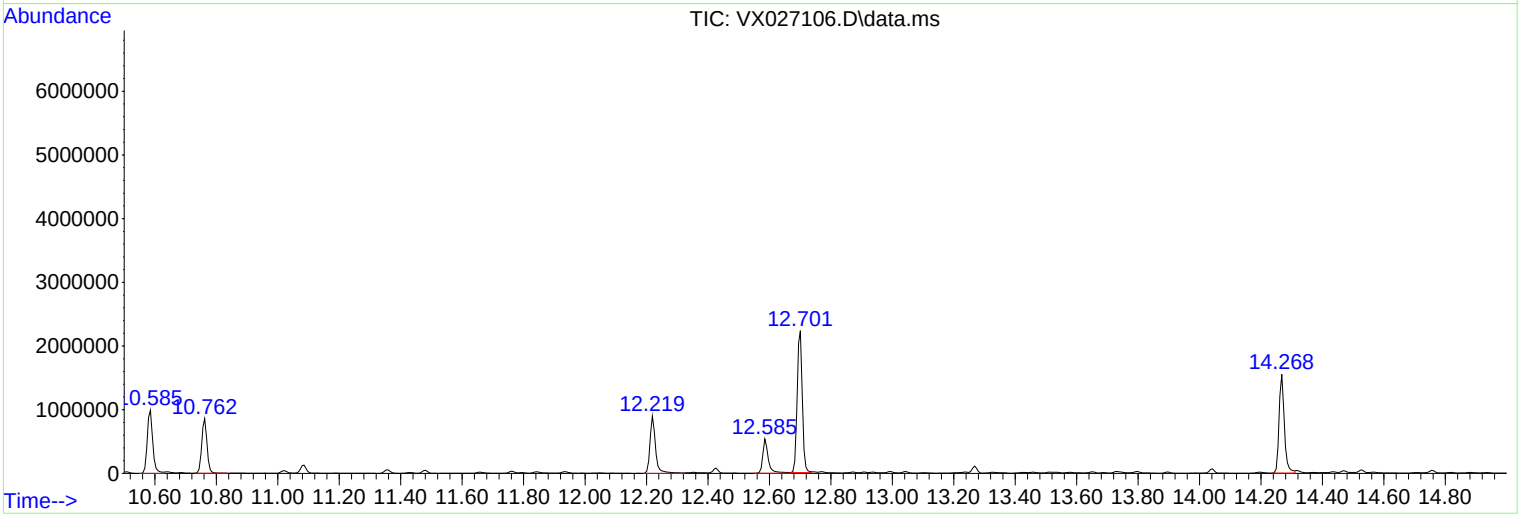
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.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_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

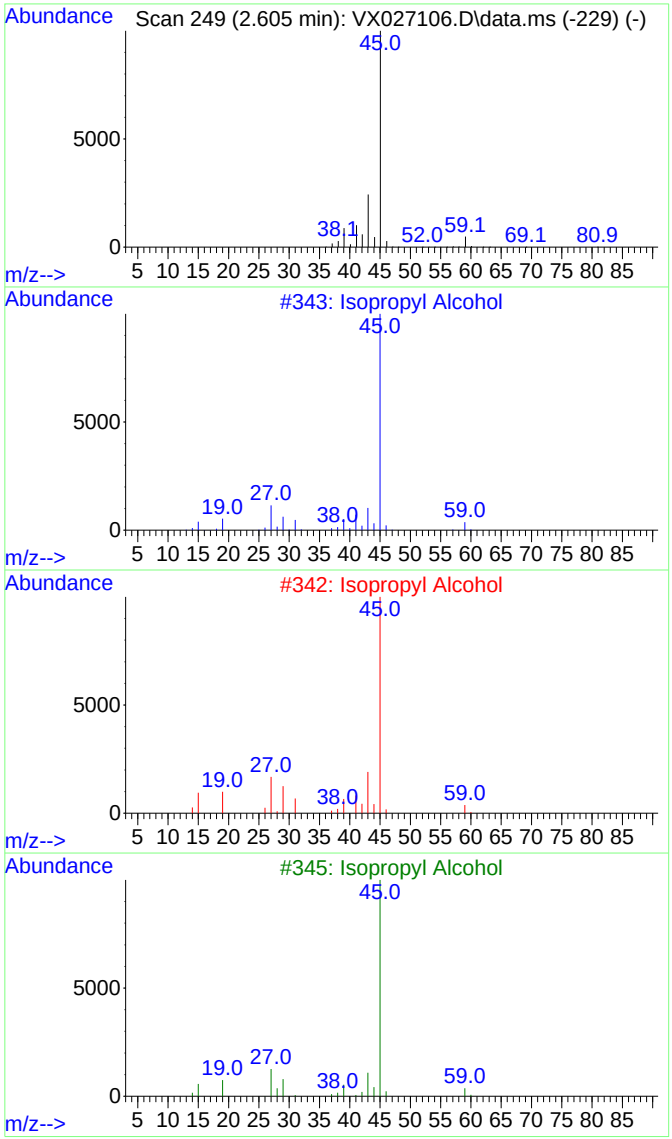
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

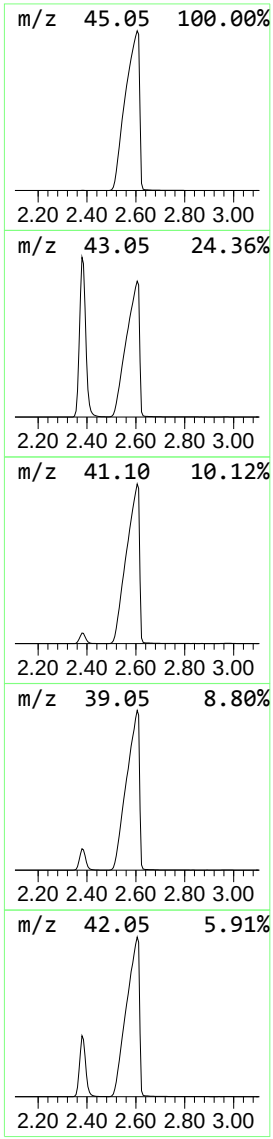
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.605	30.00 ug/l	26748100	Bromochloromethane	4.909

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	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

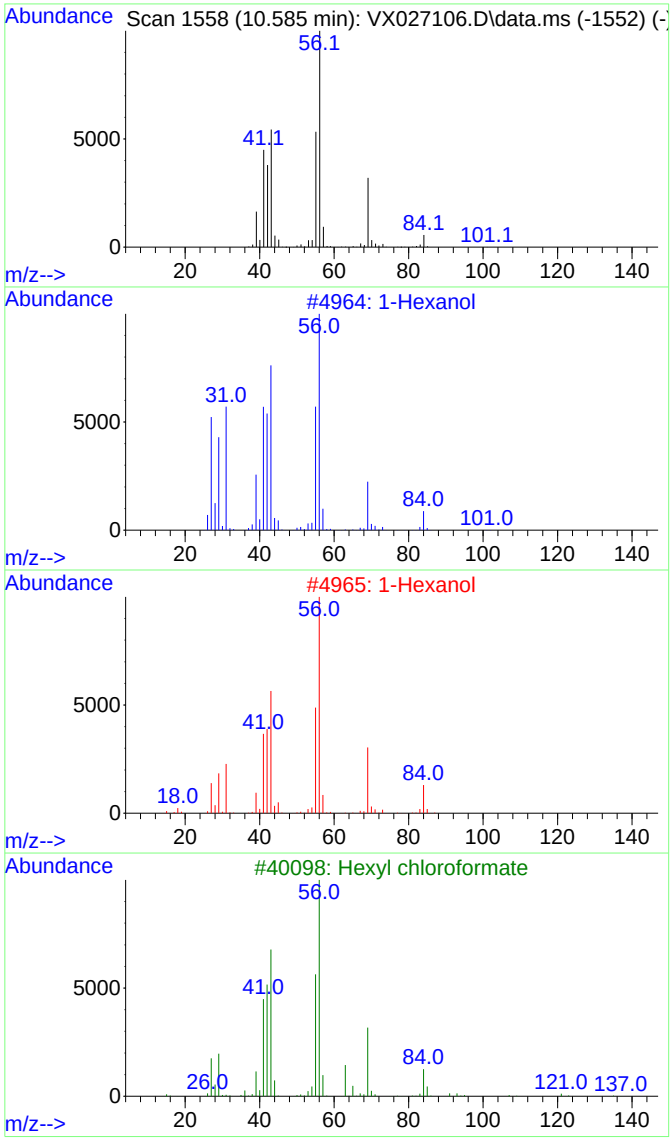
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

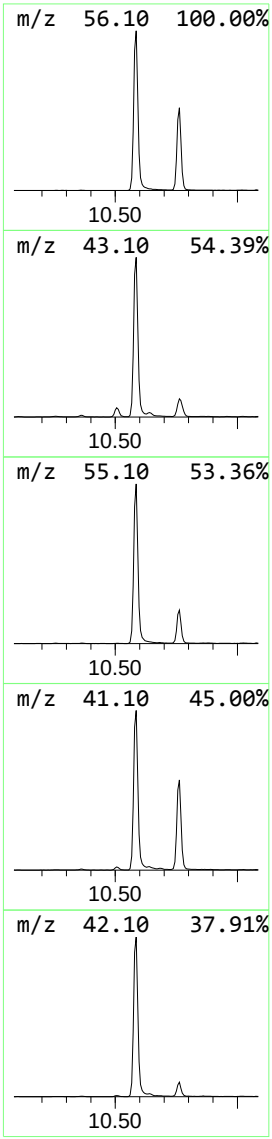
****

Peak Number 2 1-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.585	30.00 ug/l	1231570	Chlorobenzene-d5	10.055

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	83
3	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	83
4	1-Hexanol	102	C6H14O	000111-27-3	78
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

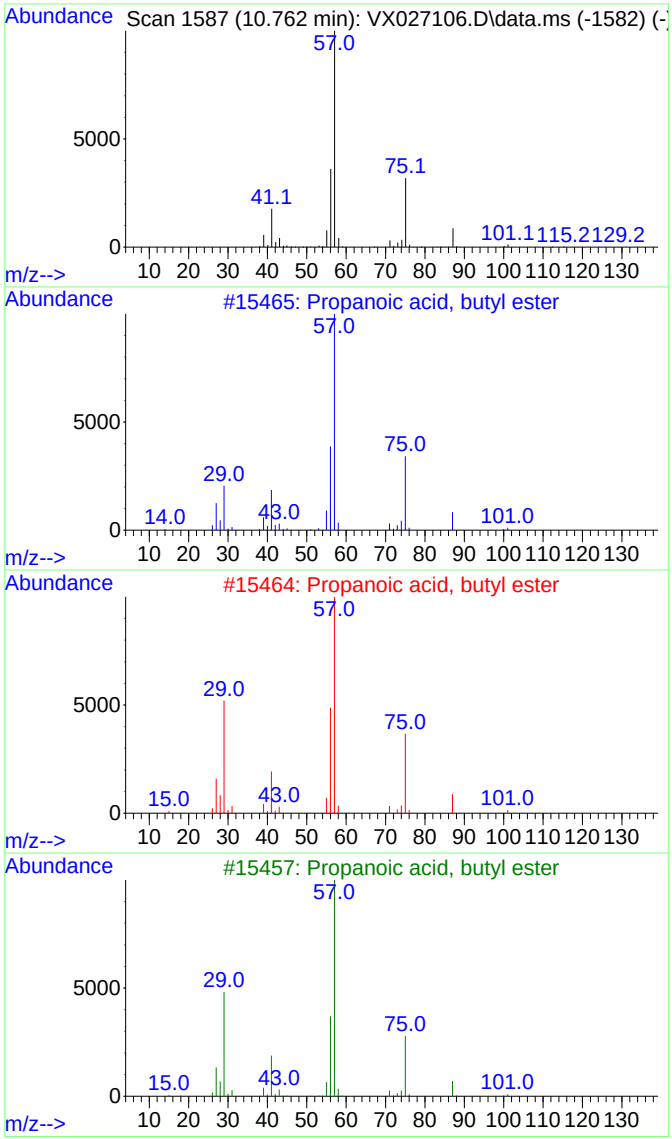
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

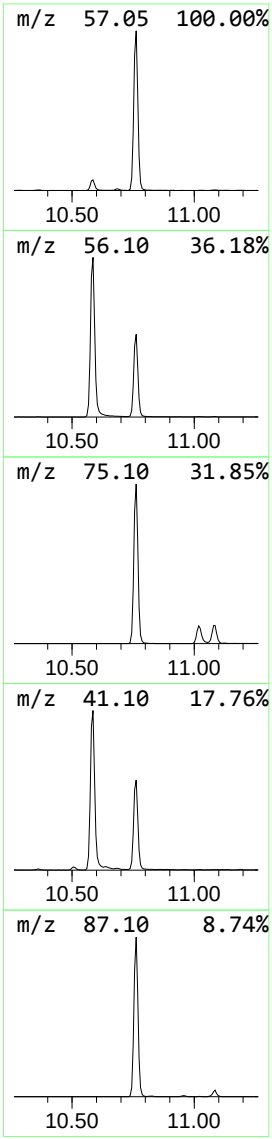
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	24.83 ug/l	1019180	Chlorobenzene-d5	10.055

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, 2-methylpropyl e...	130	C7H14O2	000540-42-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

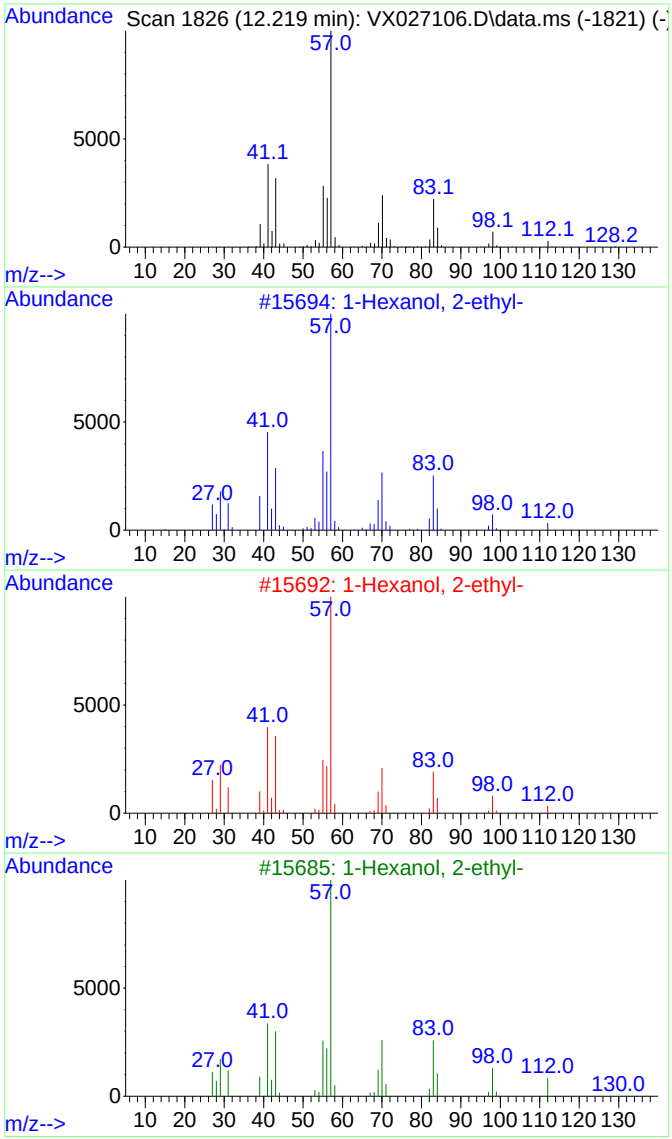
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

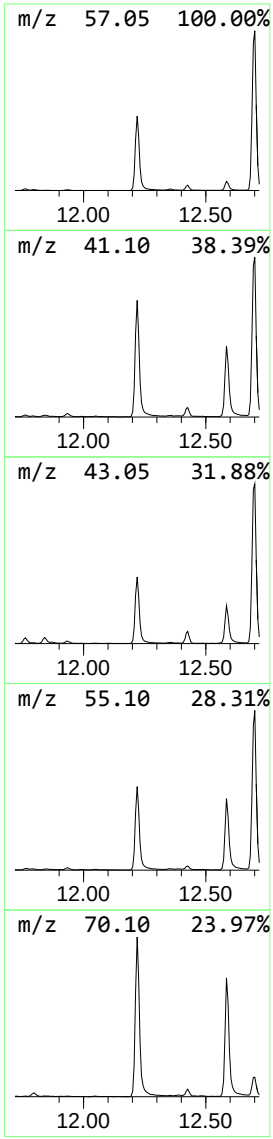
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	27.46 ug/l	1127370	Chlorobenzene-d5	10.055

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	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

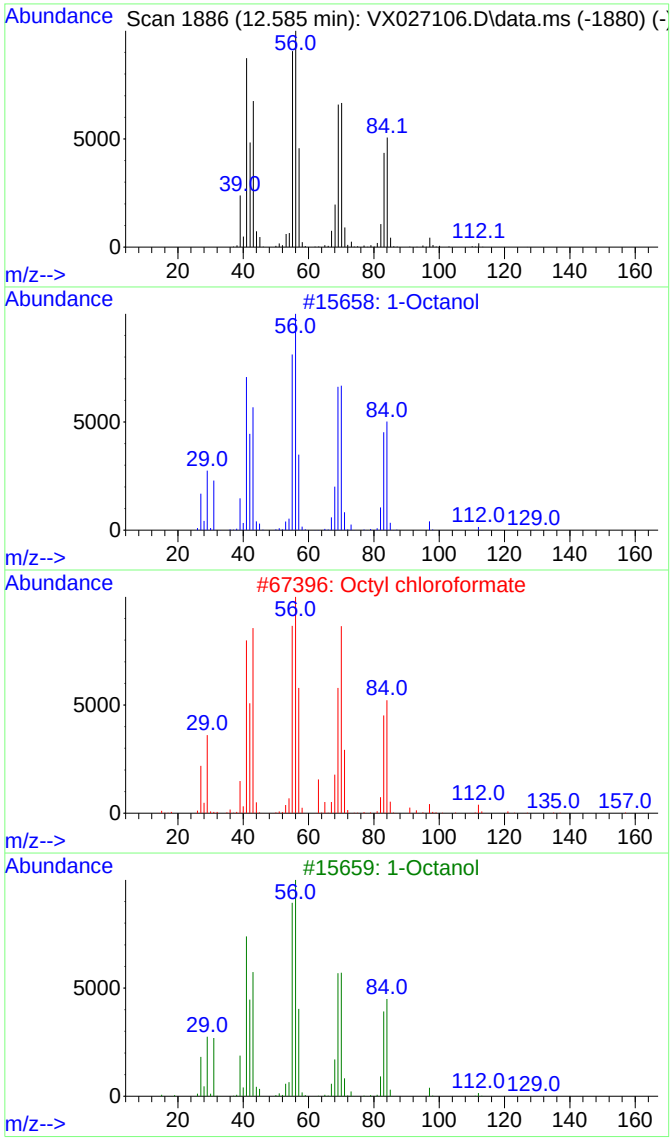
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

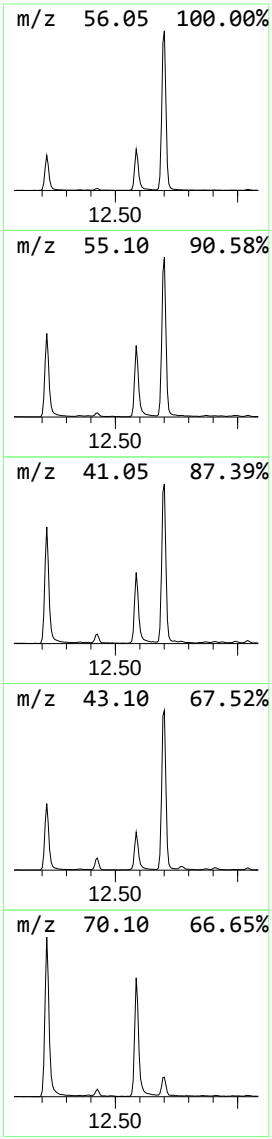
****

Peak Number 5 1-Octanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.585	16.54 ug/l	678908	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	91
2	Octyl chloroformate	192	C9H17ClO2	007452-59-7	91
3	1-Octanol	130	C8H18O	000111-87-5	91
4	Formic acid, octyl ester	158	C9H18O2	000112-32-3	90
5	Formic acid, octyl ester	158	C9H18O2	000112-32-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

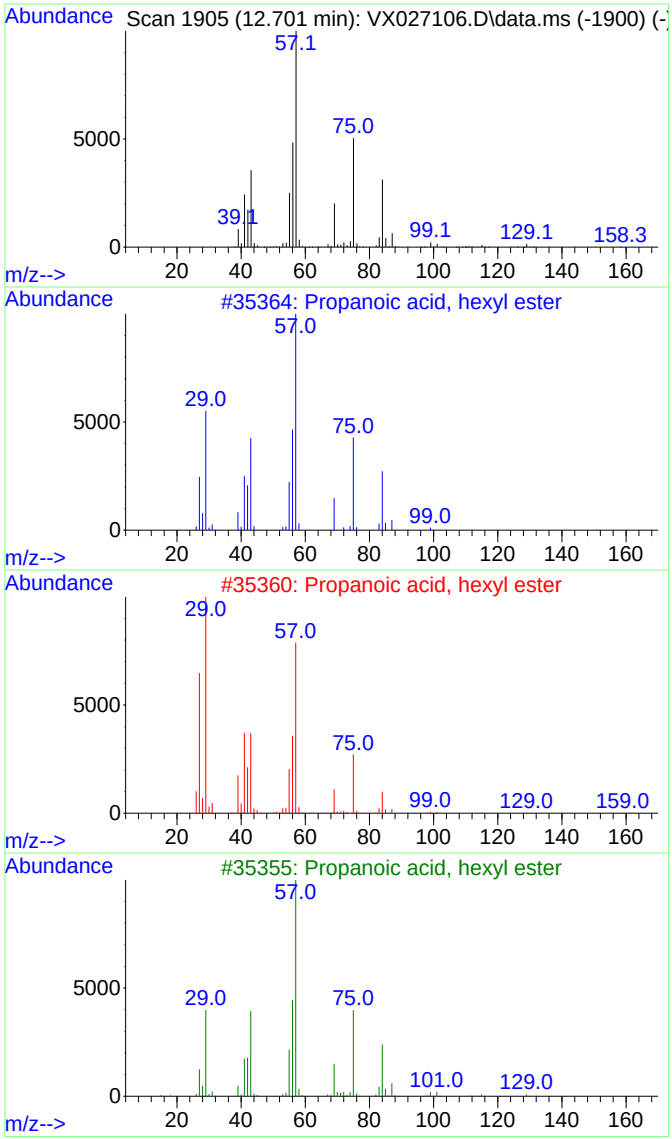
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

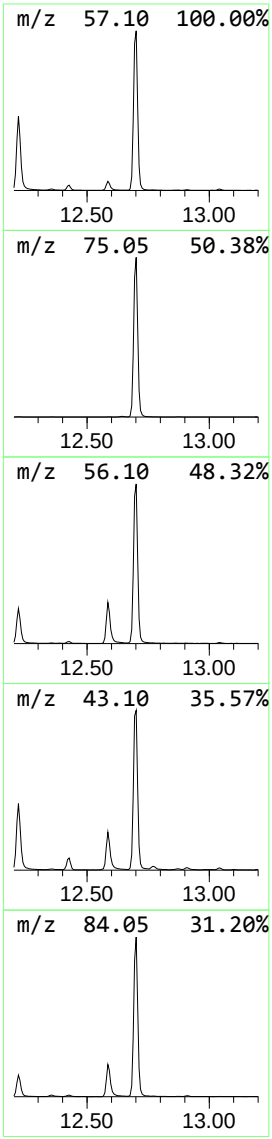
****

Peak Number 6 Propanoic acid, hexyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	63.20 ug/l	2594570	Chlorobenzene-d5	10.055

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
Sample : N1582-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

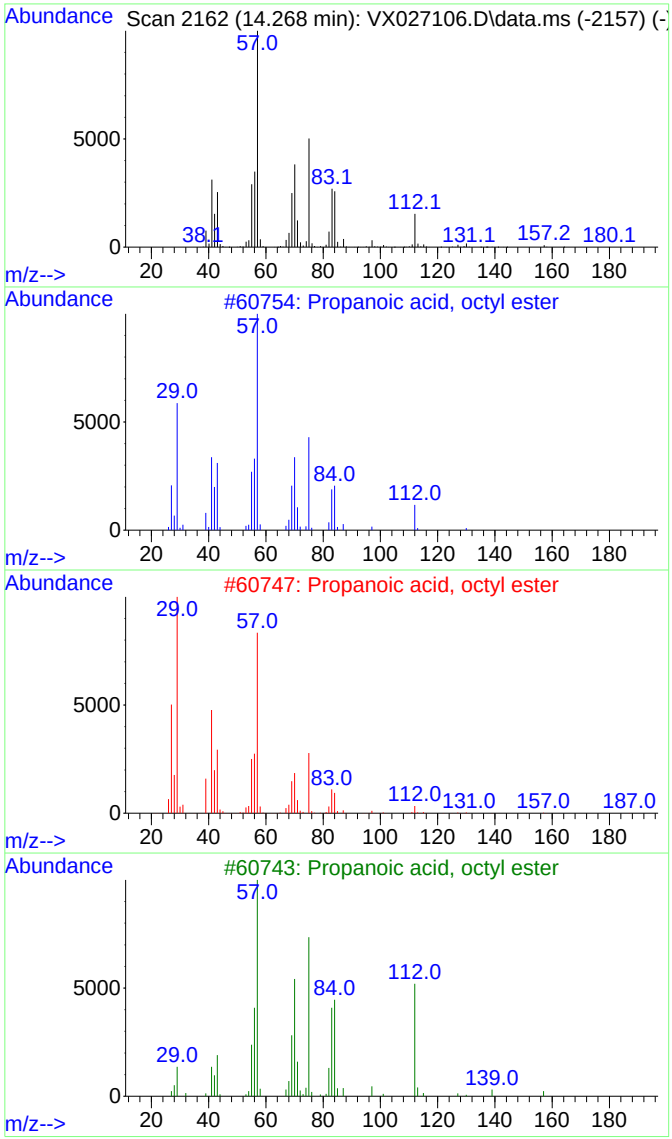
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

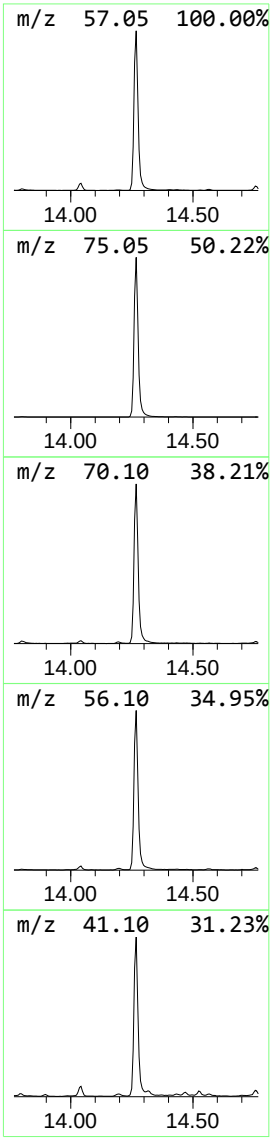
****

Peak Number 7 Propanoic acid, octyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	44.55 ug/l	1828890	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	91
2	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	83
3	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	83
4	Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
Acq On : 18 Feb 2022 13:43
Operator : JC/MD
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.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	2.605	30.0	ug/l	26748100	1	4.909	26748100	30.0
1-Hexanol	10.585	30.0	ug/l	1231570	3	10.055	1231570	30.0
Propanoic acid,...	10.762	24.8	ug/l	1019180	3	10.055	1231570	30.0
1-Hexanol, 2-et...	12.219	27.5	ug/l	1127370	3	10.055	1231570	30.0
1-Octanol	12.585	16.5	ug/l	678908	3	10.055	1231570	30.0
Propanoic acid,...	12.701	63.2	ug/l	2594570	3	10.055	1231570	30.0
Propanoic acid,...	14.268	44.5	ug/l	1828890	3	10.055	1231570	30.0