LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

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\624N072722W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN073772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	48	53	62	rBV	38491	85318	3.21%	1.178%
2	2.322	62	74	79	rBV2	24391	92746	3.49%	1.281%
3	2.704	135	139	151	rVB4	31833	83693	3.15%	1.156%
4	4.222	387	397	418	rBV	905484	2661023	100.00%	36.752%
5	4.516	438	447	472	rVB	79931	268433	10.09%	3.707%
6	7.269	904	915	928	rBV2	39383	110710	4.16%	1.529%
7	7.586	958	969	984	rBV2	135875	352562	13.25%	4.869%
8	8.375	1092	1103	1113	rBV	162843	375200	14.10%	5.182%
9	8.904	1185	1193	1204	rBV	278871	579421	21.77%	8.003%
10	10.275	1419	1426	1433	rBV3	35727	65262	2.45%	0.901%
11	10.380	1436	1444	1450	rBV	533741	985064	37.02%	13.605%
12	10.445	1450	1455	1466	rVB	203970	378124	14.21%	5.222%
13	11.686	1658	1666	1679	rBV	380260	665660	25.02%	9.194%
14	12.674	1827	1834	1847	rVB	322690	537209	20.19%	7.420%

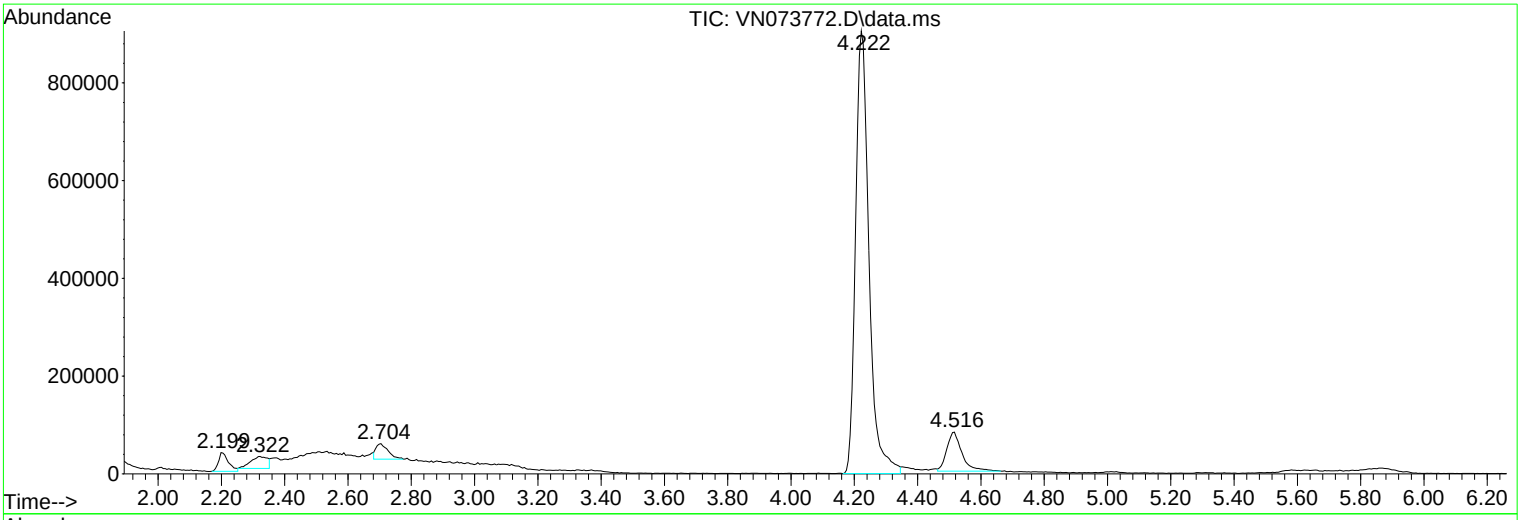
Sum of corrected areas: 7240425

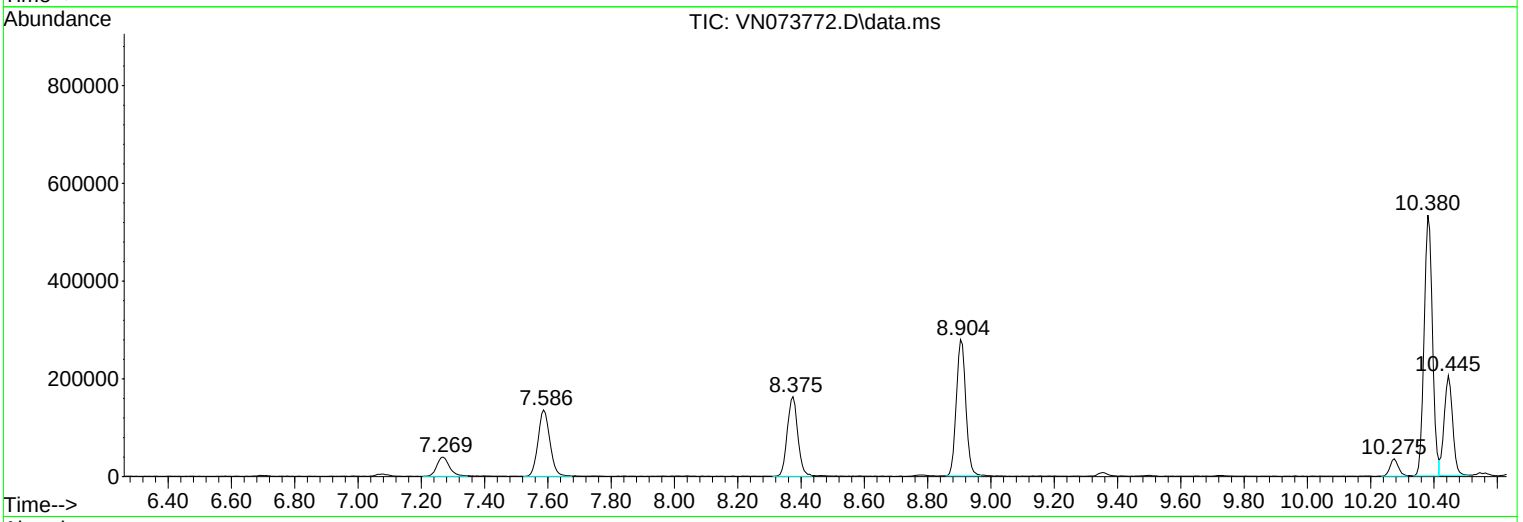
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

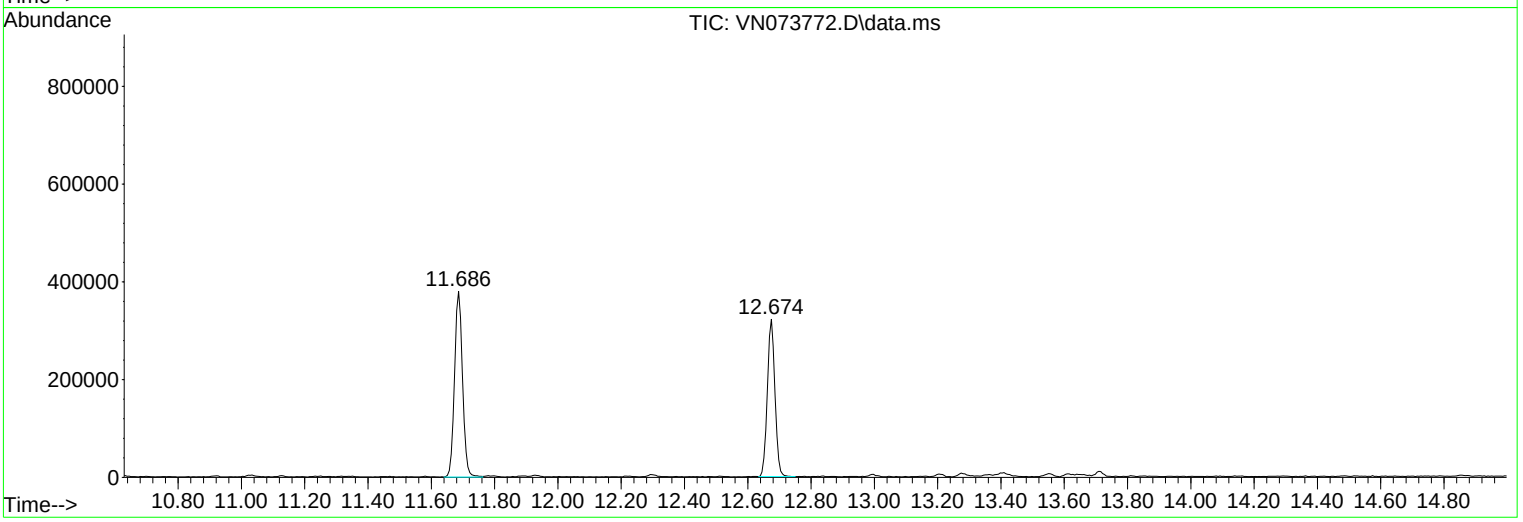
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.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\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

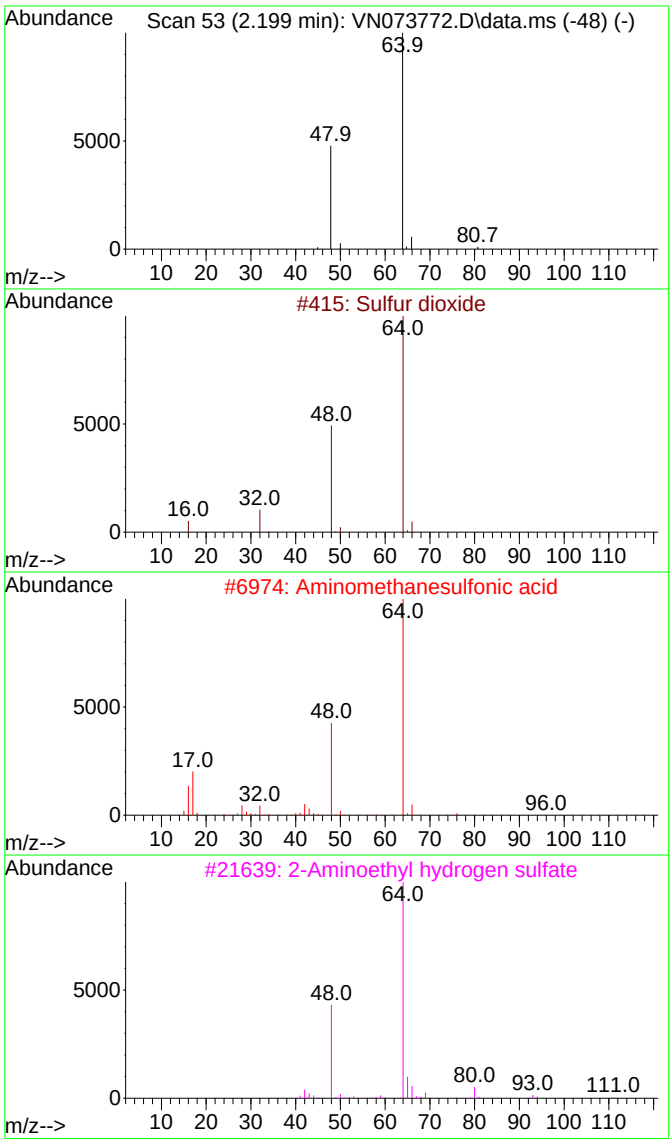
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

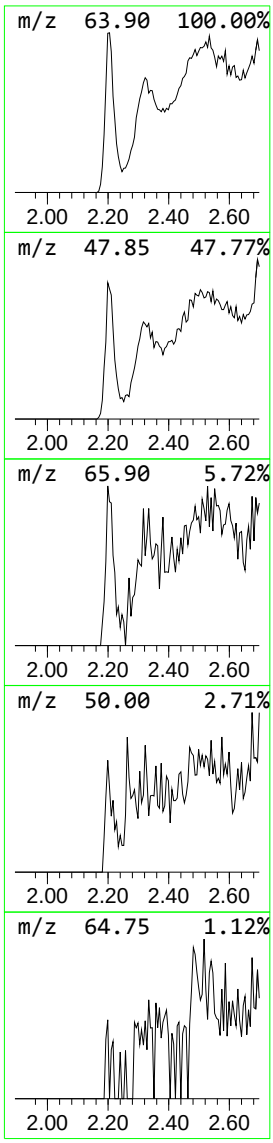
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	7.26 ug/l	85318	Bromochloromethane	7.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

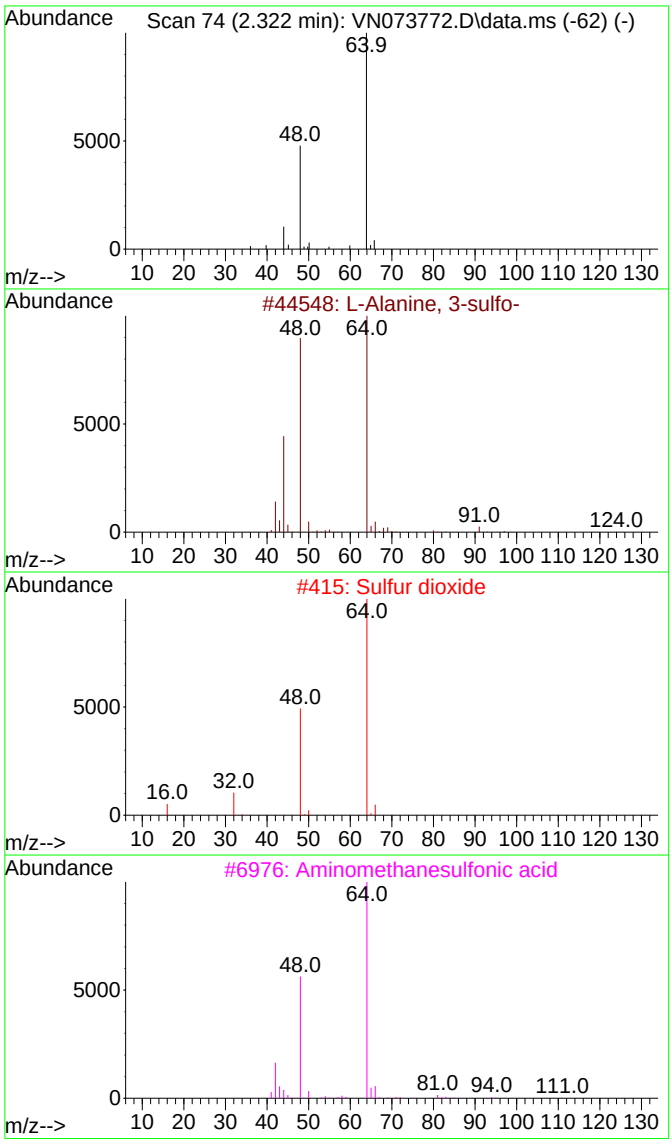
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

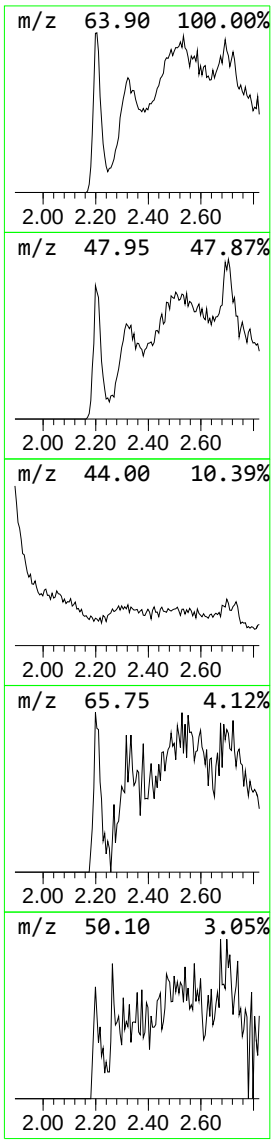
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 L-Alanine, 3-sulfo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	7.89 ug/l	92746	Bromochloromethane	7.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	83
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

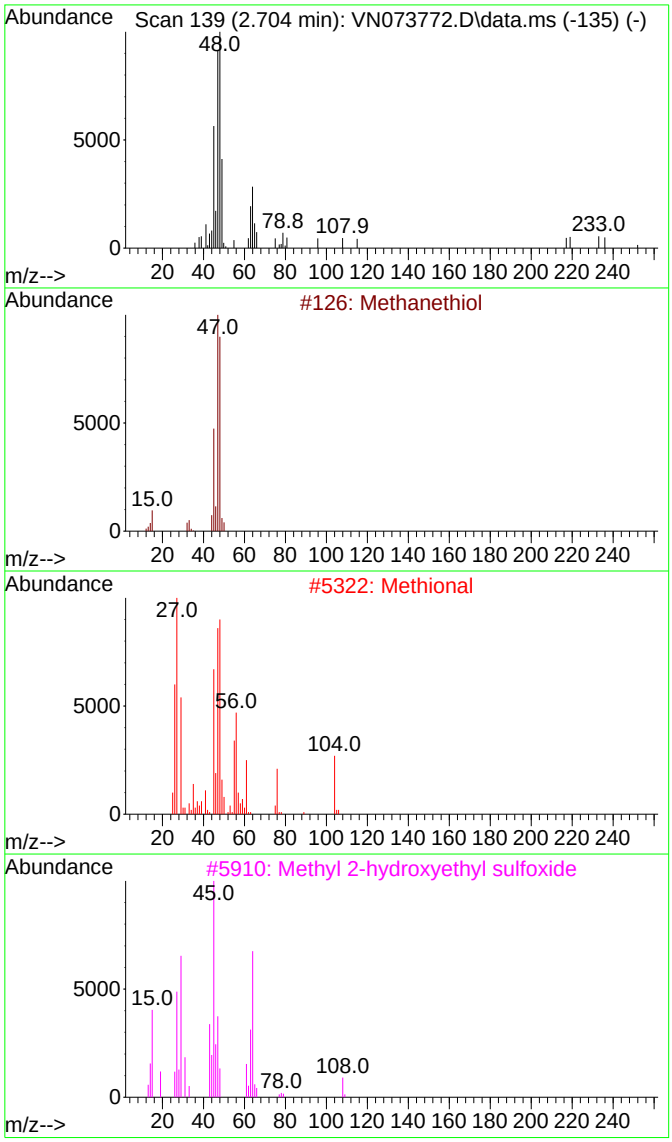
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

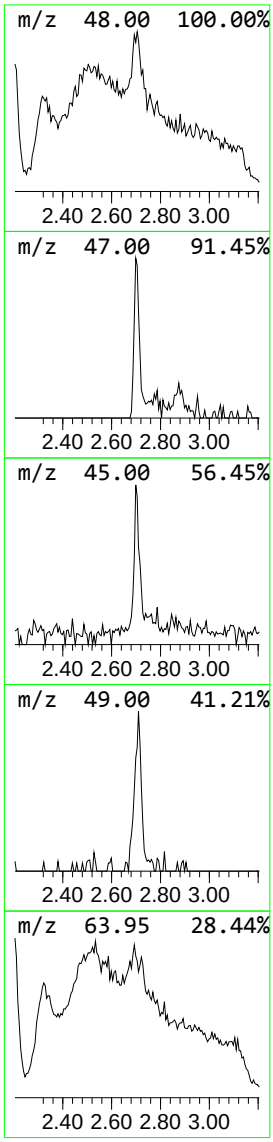
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown2.704 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.704	7.12 ug/l	83693	Bromochloromethane	7.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	38
2	Methional	104	C4H8OS	003268-49-3	32
3	Methyl 2-hydroxyethyl sulfoxide	108	C3H8O2S	021281-74-3	10
4	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	10
5	Methanethiol	48	CH4S	000074-93-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

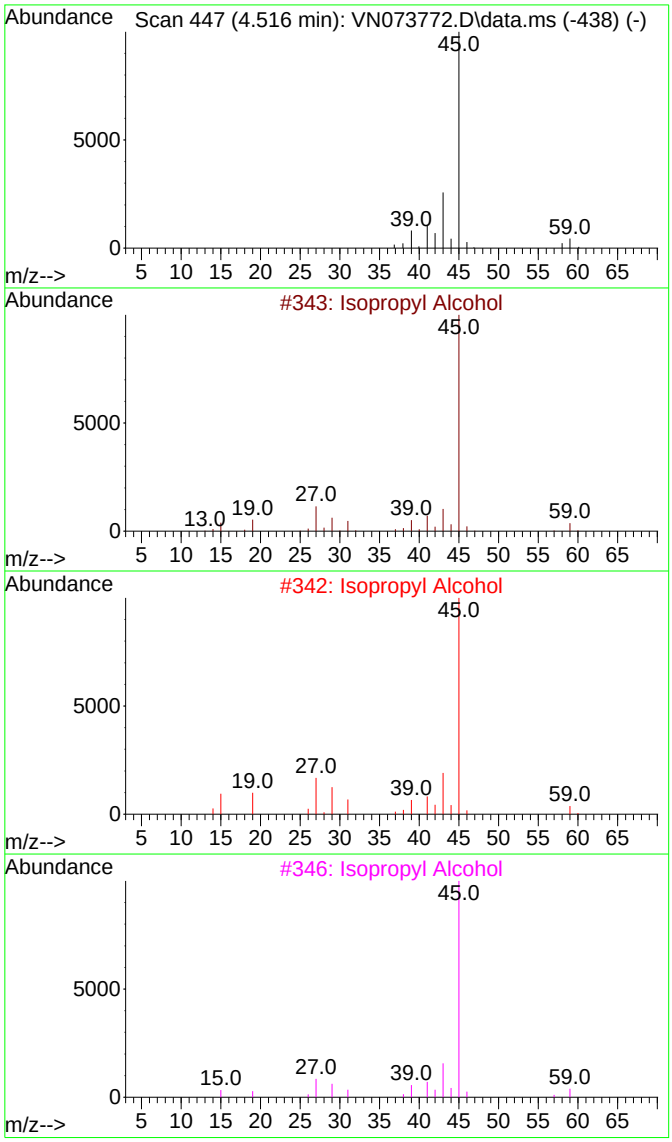
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

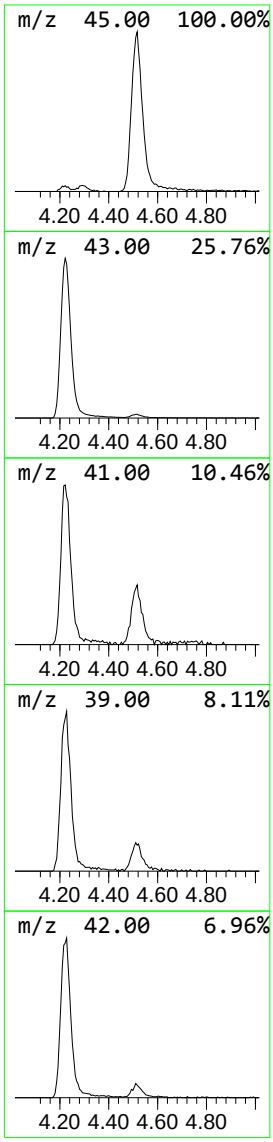
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	22.84 ug/l	268433	Bromochloromethane	7.592

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073772.D
Acq On : 08 Aug 2022 16:01
Operator : JC\MD
Sample : N4041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.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
Sulfur dioxide	2.199	7.3	ug/l	85318	1	7.592	352562	30.0
L-Alanine, 3-su...	2.322	7.9	ug/l	92746	1	7.592	352562	30.0
unknown2.704	2.704	7.1	ug/l	83693	1	7.592	352562	30.0
Isopropyl Alcohol	4.516	22.8	ug/l	268433	1	7.592	352562	30.0