LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

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\624N101723W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.301	51	59	65	rBV4	8164	22511	4.51%	1.088%
2	2.824	138	148	156	rBV4	15604	39069	7.83%	1.889%
3	3.295	227	228	238	rVB2	4469	6548	1.31%	0.317%
4	7.430	923	931	940	rBV3	8420	23395	4.69%	1.131%
5	7.818	988	997	1008	rBV3	55501	139640	27.99%	6.751%
6	8.583	1117	1127	1139	rBV	103307	234801	47.07%	11.351%
7	8.730	1144	1152	1153	rBV3	5397	8482	1.70%	0.410%
8	9.106	1207	1216	1229	rBV	155291	316018	63.35%	15.278%
9	10.571	1457	1465	1477	rBV	260795	498829	100.00%	24.115%
10	11.277	1581	1585	1593	rVB4	2728	5724	1.15%	0.277%
11	11.871	1678	1686	1700	rBV	253597	476229	95.47%	23.023%
12	12.853	1845	1853	1862	rBV2	162843	297263	59.59%	14.371%

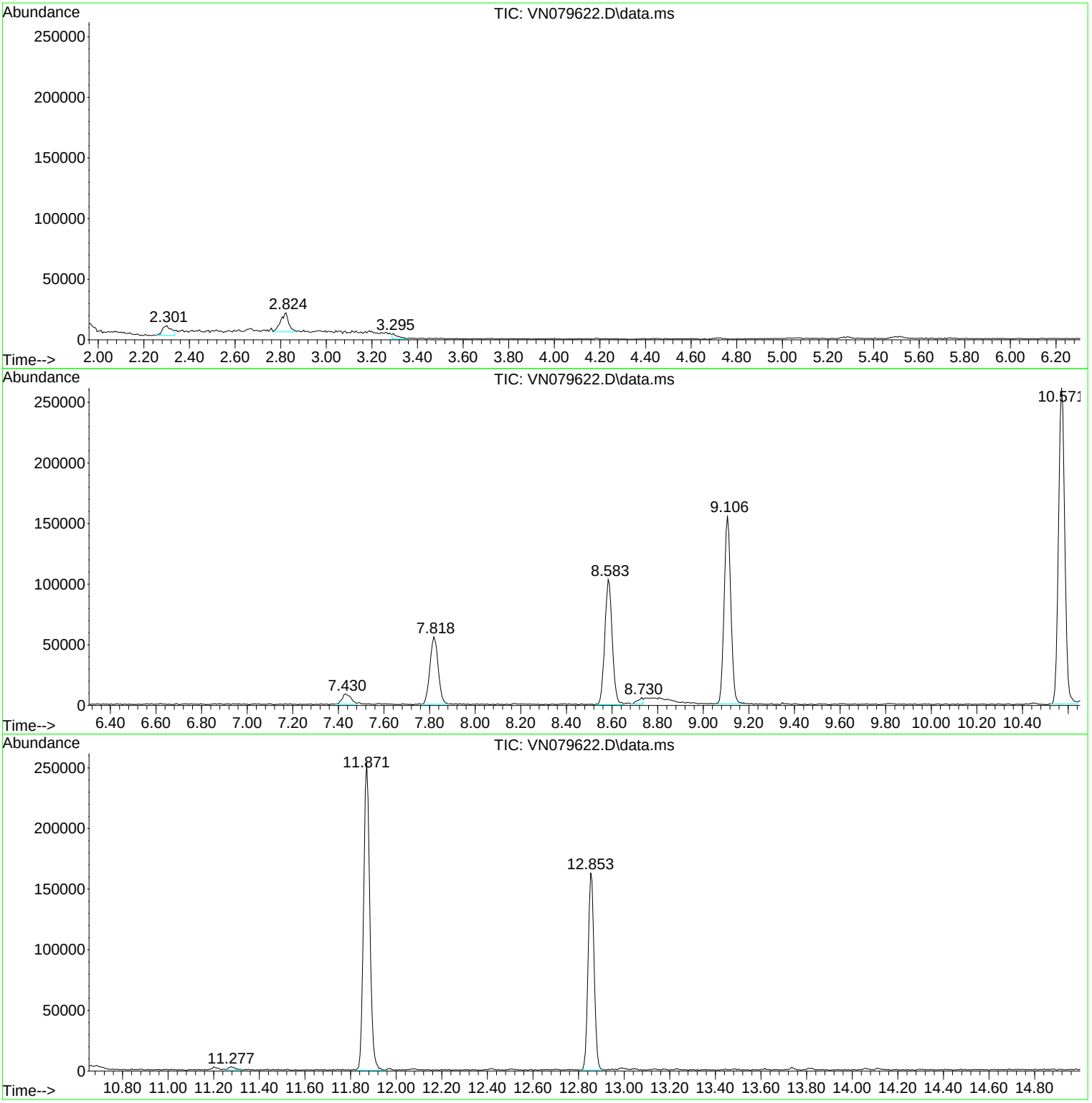
Sum of corrected areas: 2068509

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.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\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

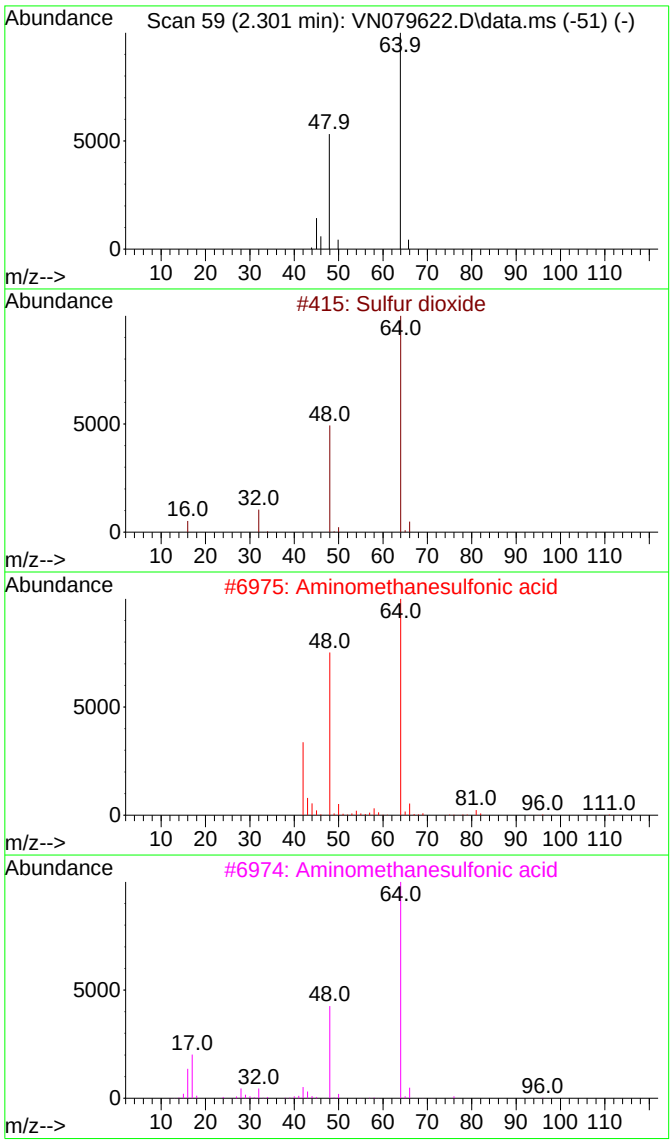
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

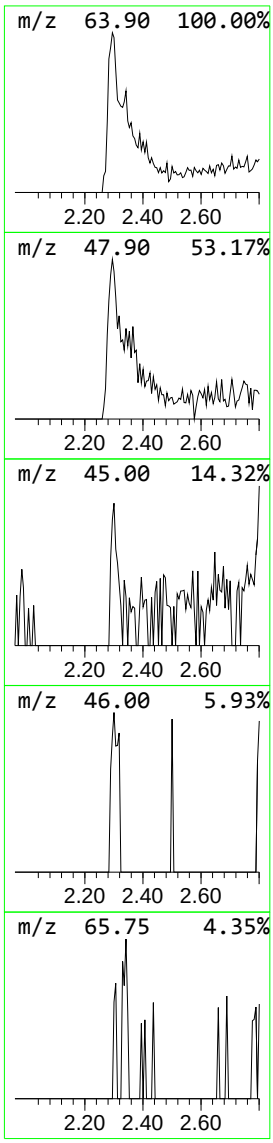
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.301	4.84 ug/l	22511	Bromochloromethane	7.818

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

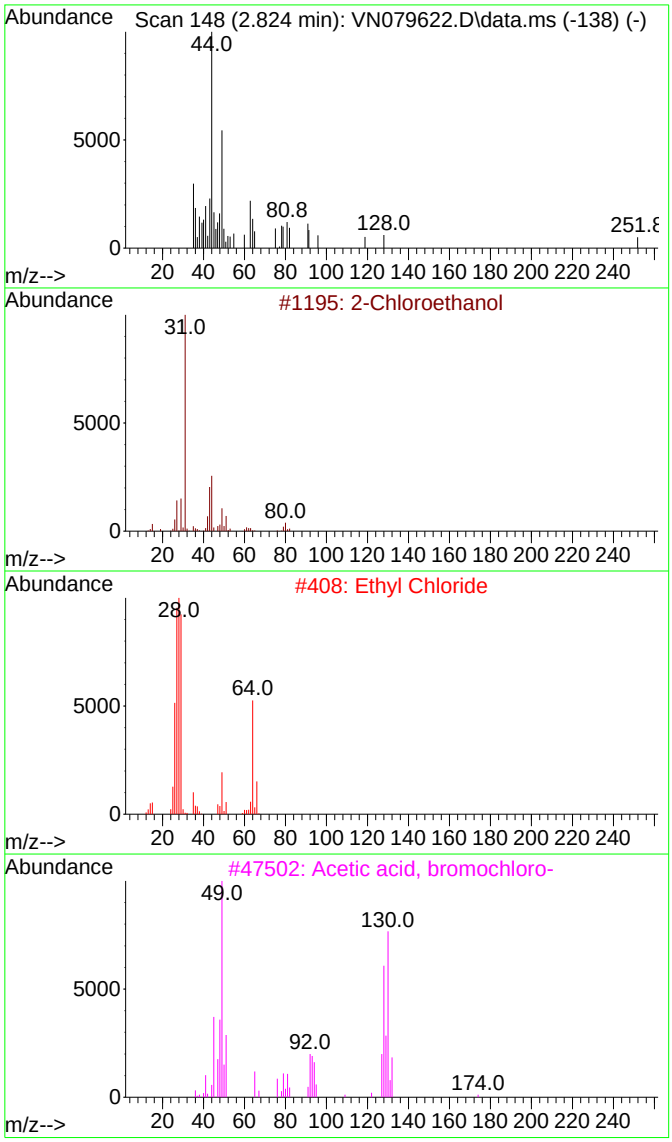
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

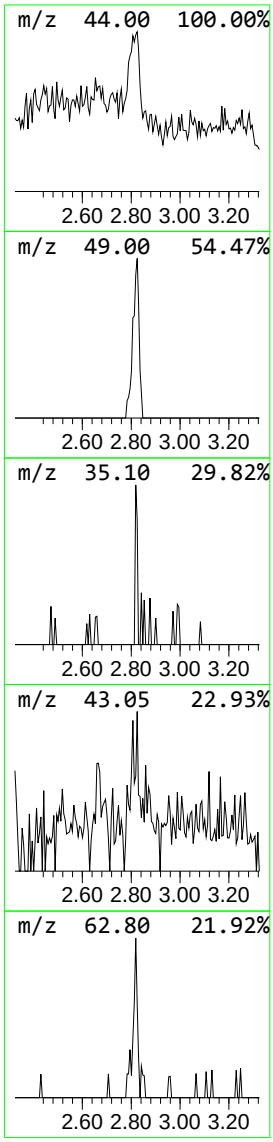
****

Peak Number 2 unknown2.824 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	8.39 ug/l	39069	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	40
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	38
3	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	28
4	Methylene chloride	84	CH2Cl2	000075-09-2	23
5	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

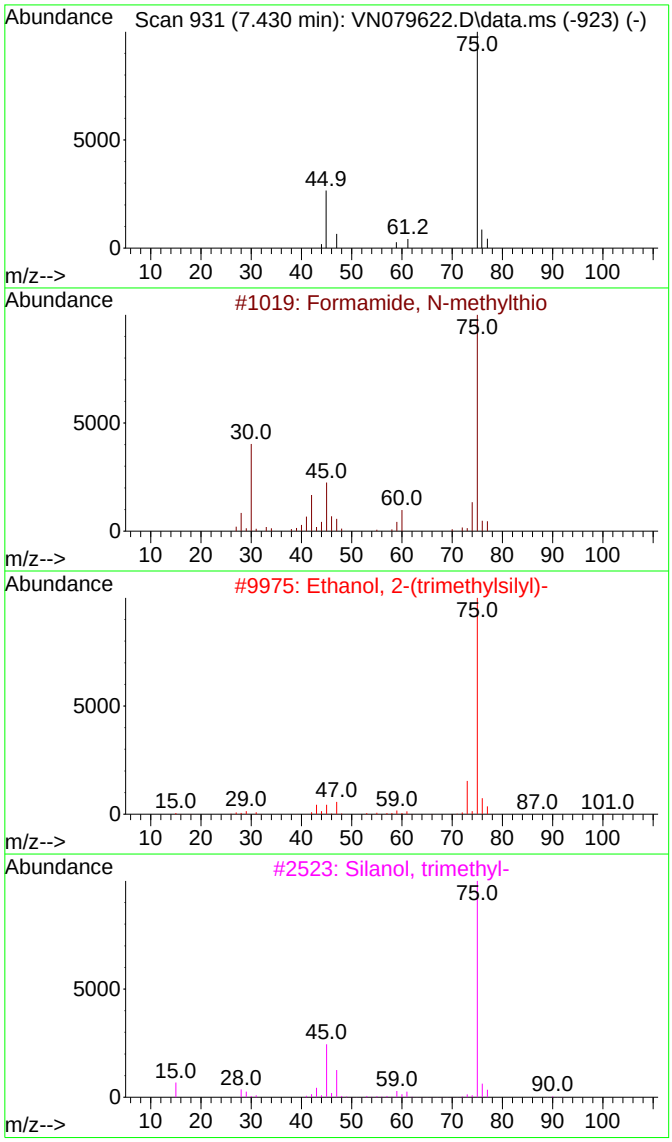
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

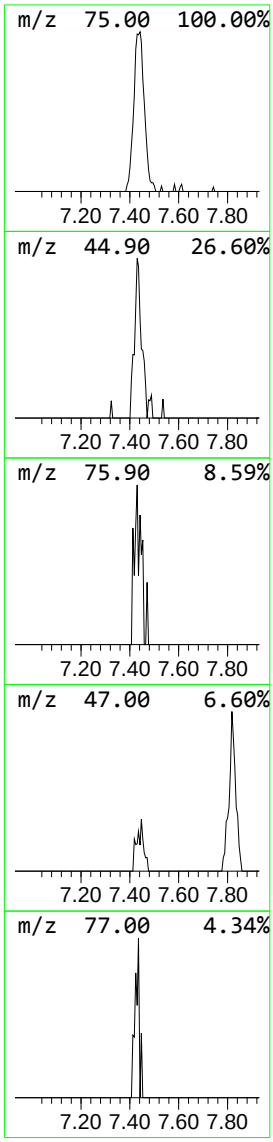
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Formamide, N-methylthio Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.430	5.03 ug/l	23395	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-methylthio	75	C2H5NS	018952-41-5	64
2	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	40
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
4	o-Isopropylhydroxylamine	75	C3H9NO	1000322-42-6	5
5	Ethanethioamide	75	C2H5NS	000062-55-5	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079622.D
Acq On : 20 Oct 2023 12:29
Operator : JC\MD
Sample : VN1020WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.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	2.301	4.8	ug/l	22511	1	7.818	139640	30.0
unknown2.824	2.824	8.4	ug/l	39069	1	7.818	139640	30.0
Formamide, N-me...	7.430	5.0	ug/l	23395	1	7.818	139640	30.0