LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
Data File : VN079186.D
Acq On : 07 Sep 2023 20:07
Operator : JC\MD
Sample : 04303-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230823029-02

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\624N090723W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	51	57	67	rBV2	10852	23774	5.13%	1.072%
2	2.824	142	148	155	rVB4	4855	11104	2.40%	0.501%
3	3.806	307	315	329	rBV	18214	49092	10.59%	2.215%
4	4.436	412	422	437	rBV	38669	118724	25.62%	5.356%
5	4.730	464	472	484	rBV2	6578	21752	4.69%	0.981%
6	5.389	573	584	594	rBV3	7294	22160	4.78%	1.000%
7	7.824	986	998	1008	rBV2	76910	196063	42.31%	8.845%
8	7.971	1015	1023	1034	rVB2	35168	85253	18.40%	3.846%
9	8.588	1117	1128	1138	rBV	76030	177446	38.29%	8.005%
10	8.688	1138	1145	1152	rBV5	9136	34234	7.39%	1.544%
11	9.106	1207	1216	1234	rVB	170779	354670	76.54%	16.000%
12	9.535	1284	1289	1296	rBV2	3326	6338	1.37%	0.286%
13	9.900	1345	1351	1358	rVB3	5390	10363	2.24%	0.467%
14	10.571	1457	1465	1474	rBV	245456	463393	100.00%	20.905%
15	10.706	1485	1488	1496	rVB	2609	4770	1.03%	0.215%
16	10.812	1502	1506	1512	rVB5	3263	5584	1.21%	0.252%
17	11.871	1679	1686	1698	rBV	208297	374625	80.84%	16.900%
18	12.218	1739	1745	1753	rBV	5725	8952	1.93%	0.404%
19	12.794	1837	1843	1847	rBV2	9684	15928	3.44%	0.719%
20	12.859	1847	1854	1862	rVB	120328	212898	45.94%	9.604%
21	13.447	1950	1954	1959	rVB3	2912	4693	1.01%	0.212%
22	13.876	2018	2027	2033	rBV4	8549	14886	3.21%	0.672%

Sum of corrected areas: 2216702

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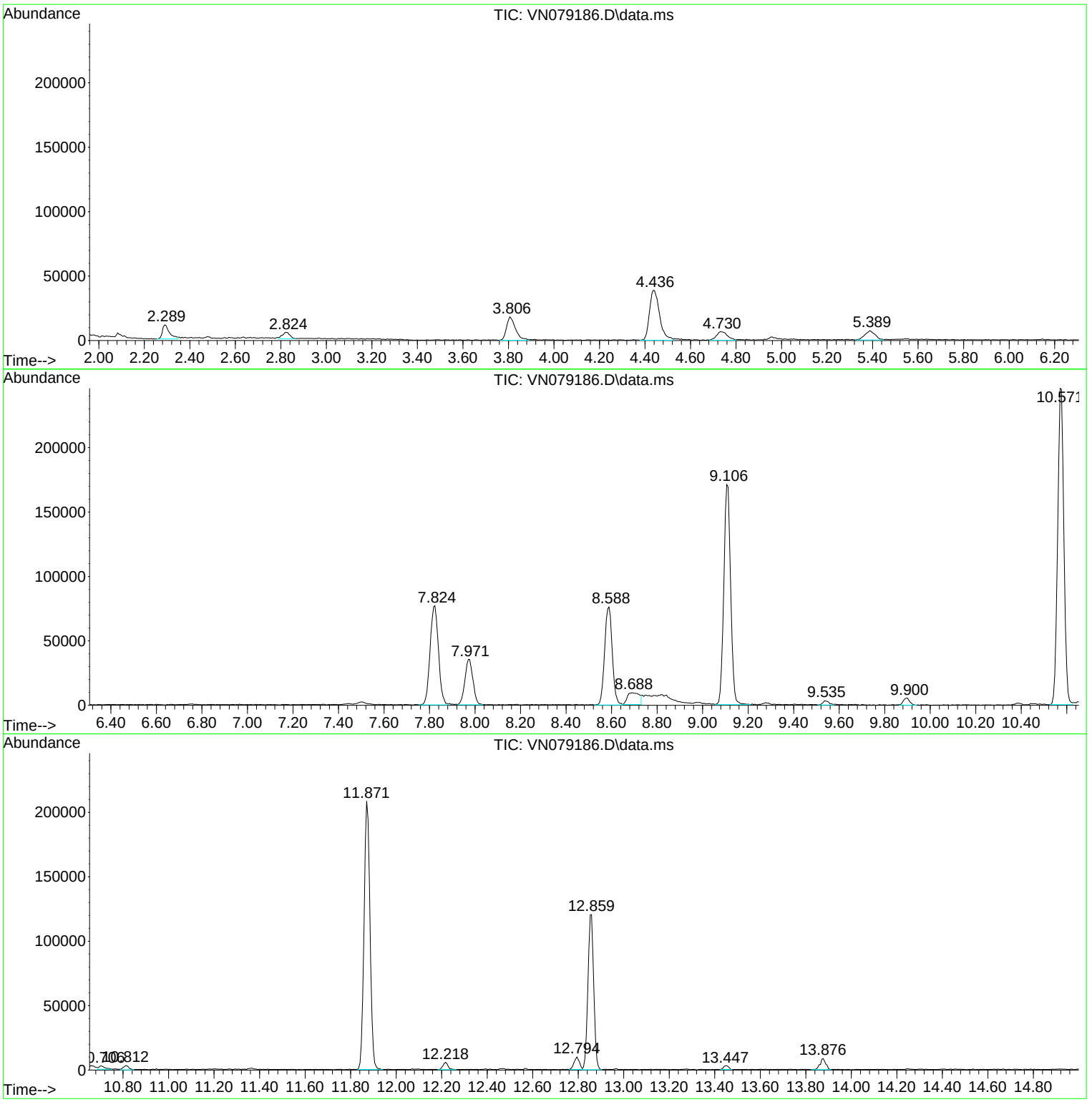
230823029-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.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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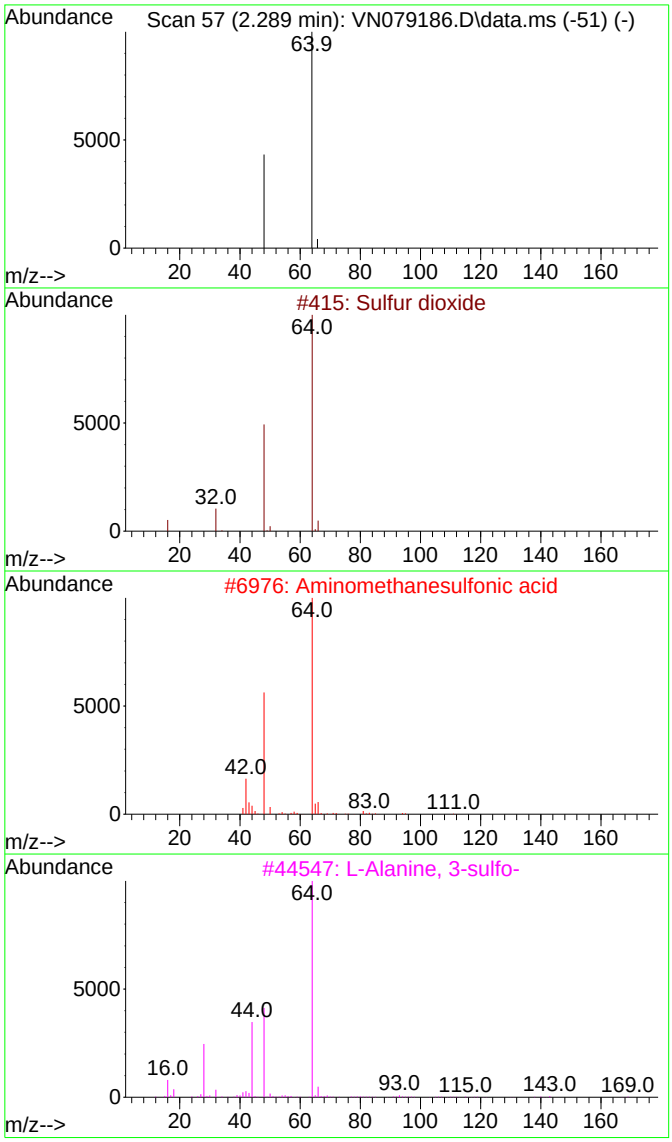
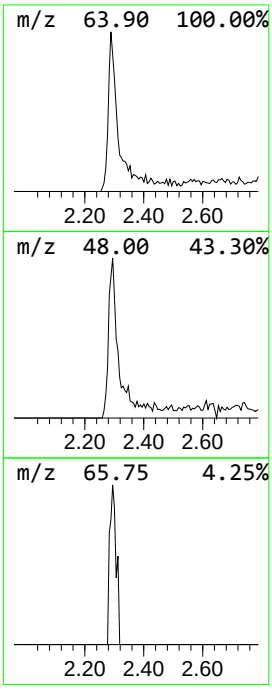
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.289	3.64 ug/l	23774	Bromochloromethane	7.824

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	9
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

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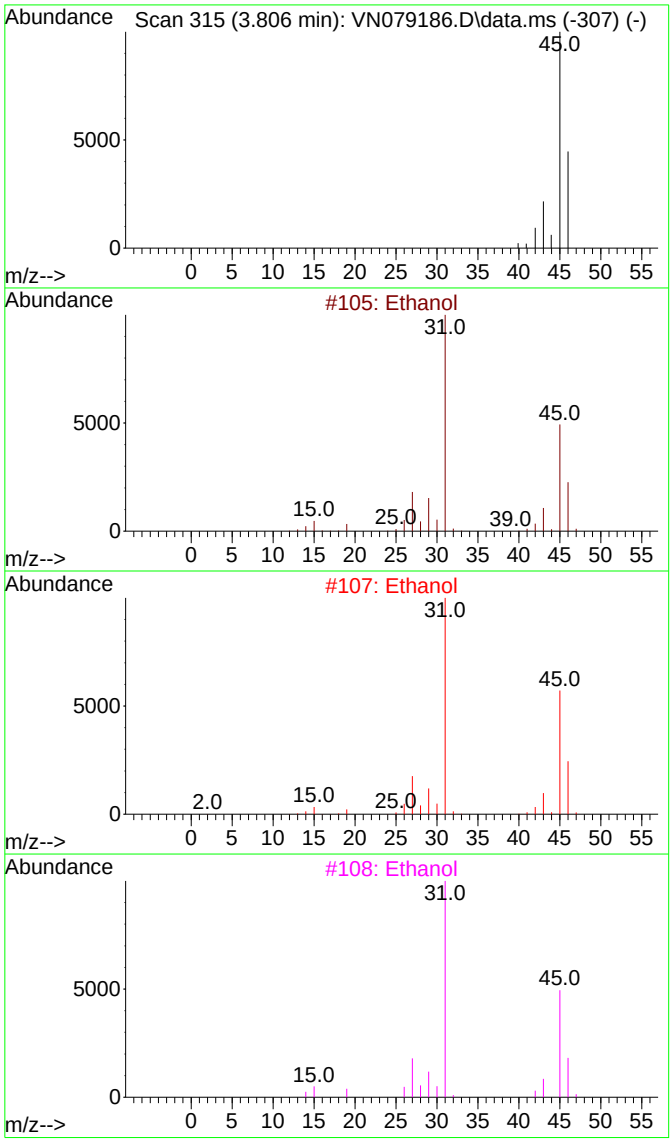
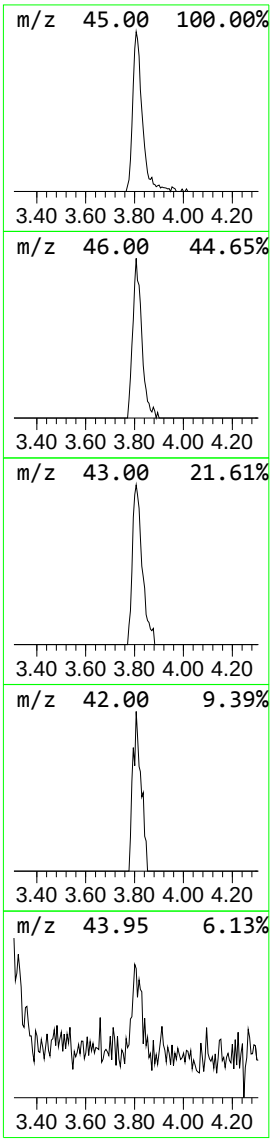
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.806	7.51 ug/l	49092	Bromochloromethane	7.824

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





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
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TIC Library : C:\Database\NIST20.L
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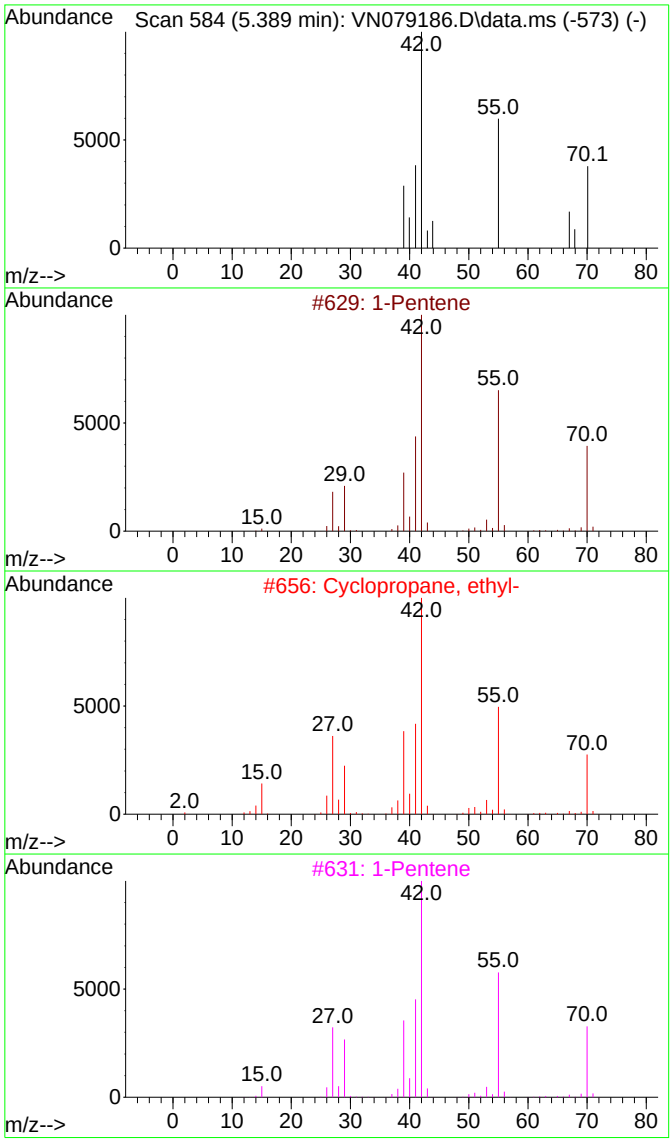
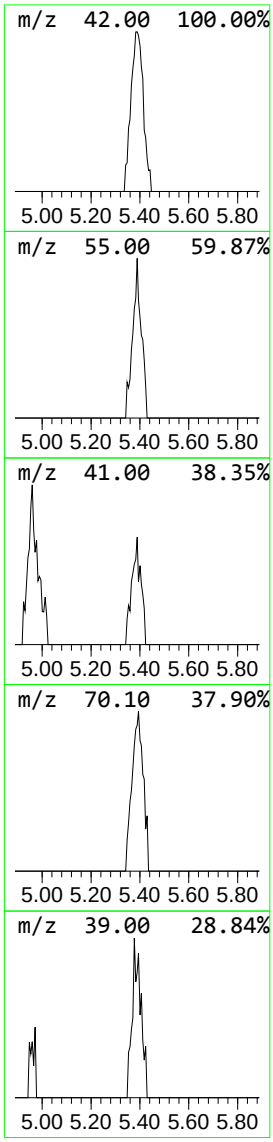
Peak Number 4 1-Pentene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.389	3.39 ug/l	22160	Bromochloromethane	7.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	72
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
3	1-Pentene	70	C5H10	000109-67-1	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
5	Cyclopentane	70	C5H10	000287-92-3	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.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	2.289	3.6	ug/l	23774	1	7.824	196063	30.0
Ethanol	3.806	7.5	ug/l	49092	1	7.824	196063	30.0
1-Pentene	5.389	3.4	ug/l	22160	1	7.824	196063	30.0