LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
Data File : VN085136.D
Acq On : 06 Dec 2024 18:51
Operator : JC\MD
Sample : P5139-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

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

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\624N120624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN085136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.318	51	62	94	rBV	300153	1203689	85.74%	21.510%
2	2.830	144	149	158	rVB2	11474	28498	2.03%	0.509%
3	4.424	409	420	430	rBV2	254028	748469	53.31%	13.375%
4	4.524	430	437	450	rVB2	55917	174488	12.43%	3.118%
5	4.718	457	470	484	rBV2	35797	127602	9.09%	2.280%
6	7.488	932	941	951	rVB	7779	19062	1.36%	0.341%
7	7.812	985	996	1007	rBV3	76616	196605	14.00%	3.513%
8	8.577	1117	1126	1138	rBV	84074	180480	12.86%	3.225%
9	9.100	1206	1215	1223	rBV	158199	318746	22.70%	5.696%
10	10.441	1438	1443	1450	rVB3	9654	16319	1.16%	0.292%
11	10.565	1457	1464	1469	rBV	246533	446488	31.80%	7.979%
12	10.629	1469	1475	1487	rVV	768953	1403925	100.00%	25.088%
13	11.865	1676	1685	1698	rVB	220024	390612	27.82%	6.980%
14	12.847	1841	1852	1860	rBV	154229	260213	18.53%	4.650%
15	13.729	1995	2002	2007	rBV	18828	31423	2.24%	0.562%
16	13.870	2020	2026	2032	rVB3	12593	23221	1.65%	0.415%
17	14.488	2127	2131	2138	rVB3	18114	26183	1.86%	0.468%

Sum of corrected areas: 5596023

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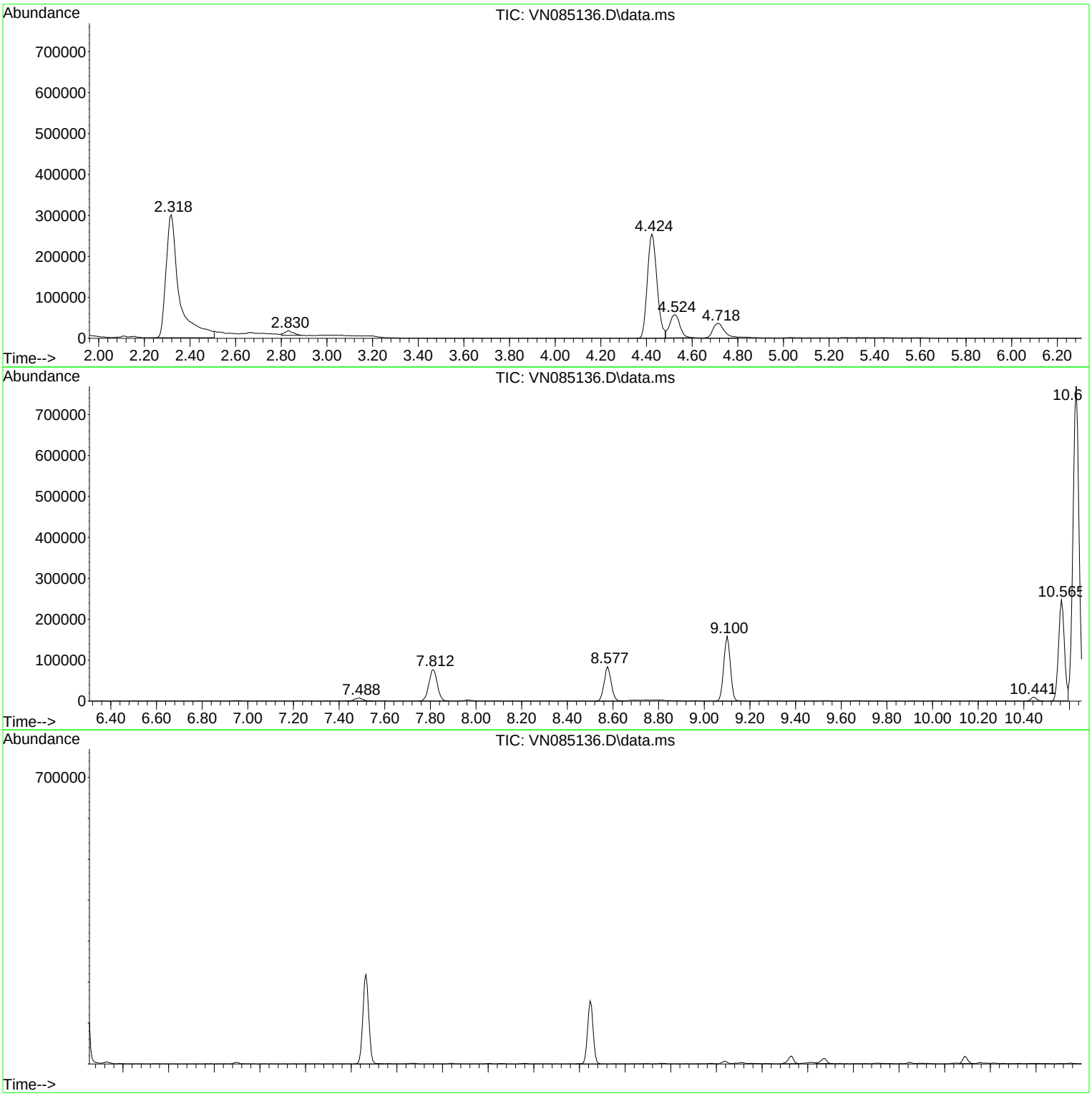
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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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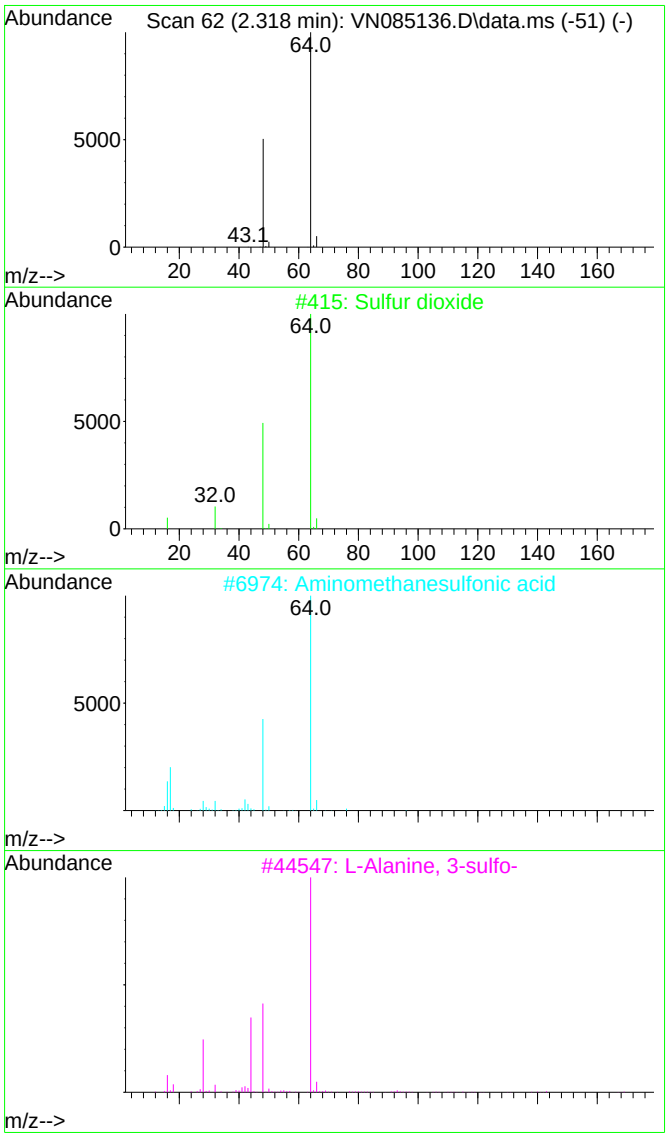
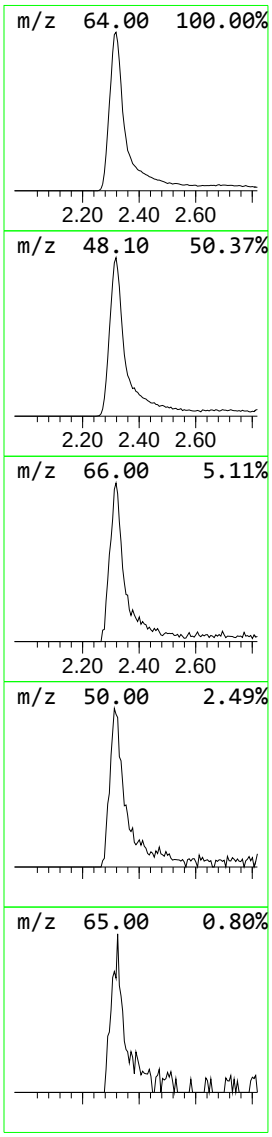
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	183.67 ug/l	1203690	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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002-35TH-AVE(DEC)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
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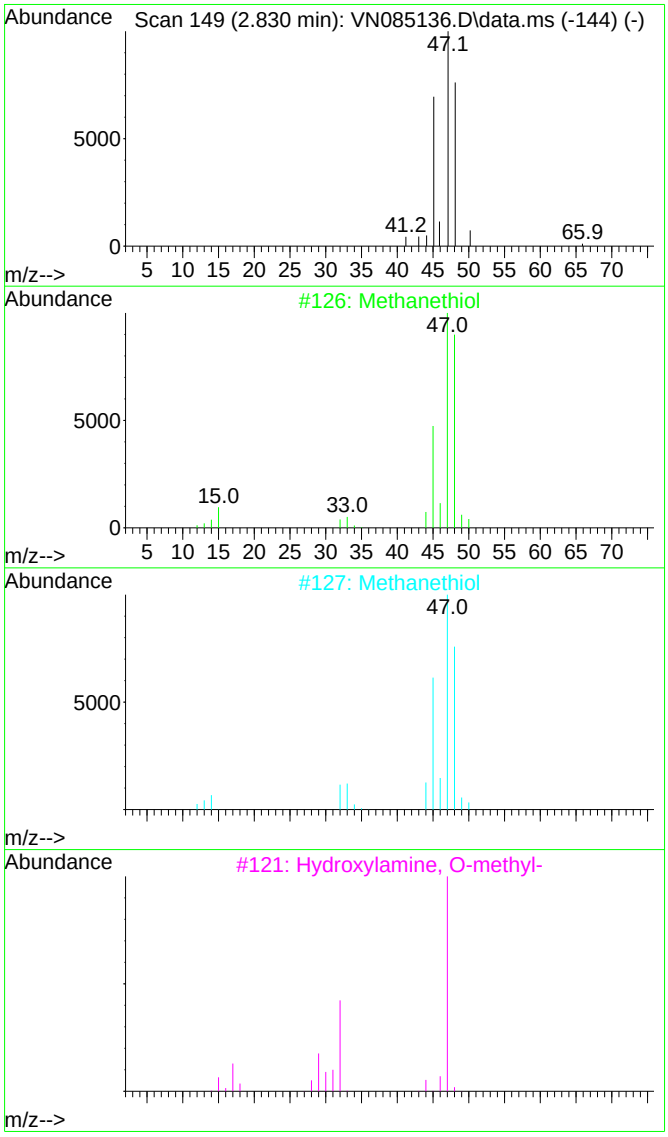
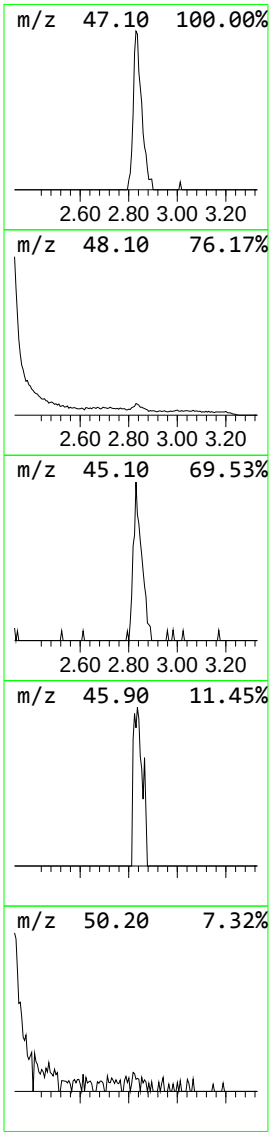
Peak Number 2 Methanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.830	4.35 ug/l	28498	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	83
2	Methanethiol	48	CH4S	000074-93-1	83
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Methane, nitroso-	45	CH3NO	000865-40-7	5
5	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4





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Instrument :
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ClientSampleId :
002-35TH-AVE(DEC)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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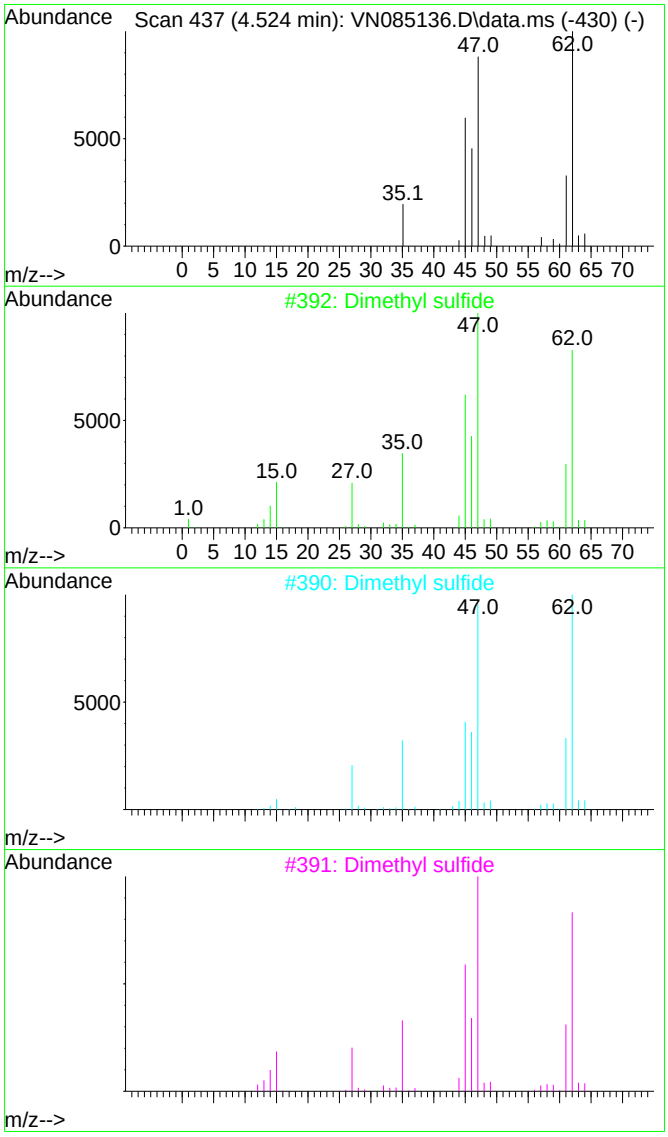
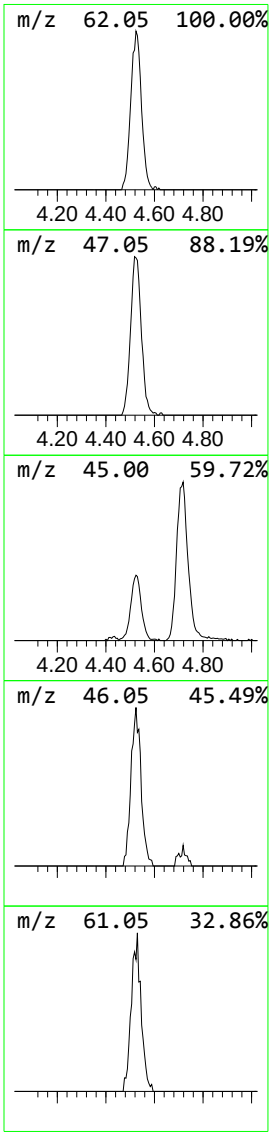
Peak Number 3 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	26.63 ug/l	174488	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Ethanethiol	62	C2H6S	000075-08-1	86





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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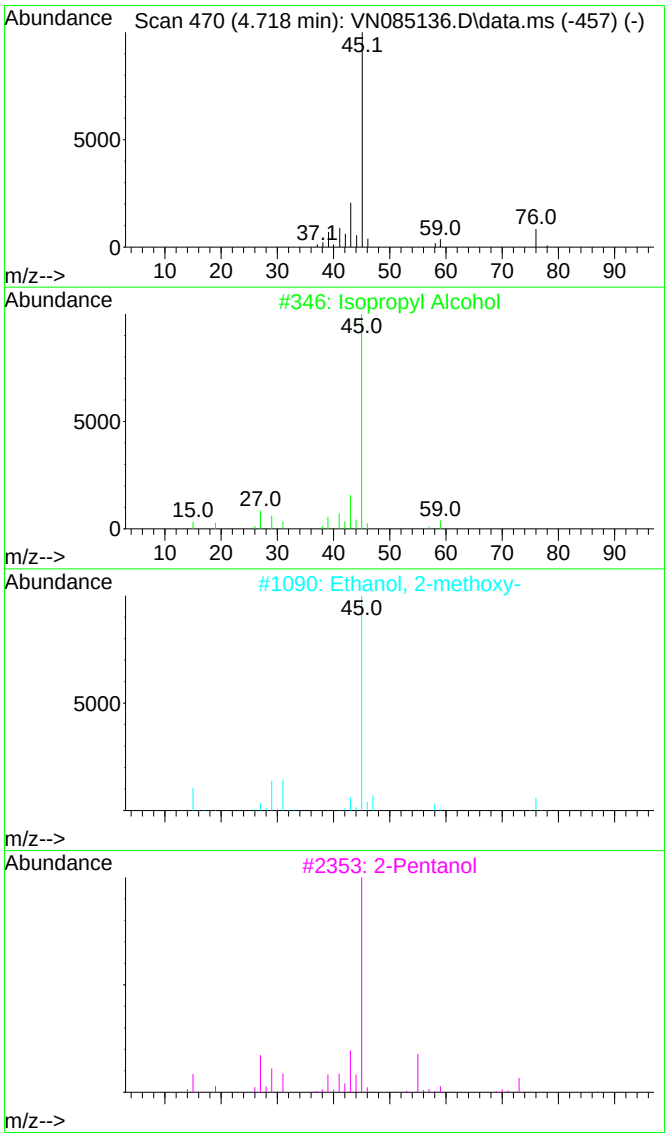
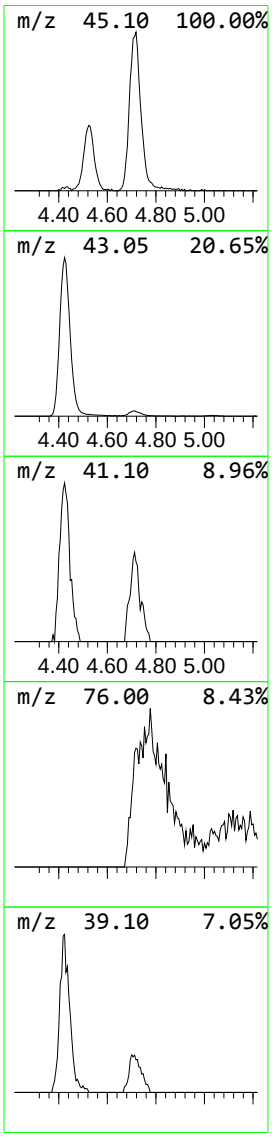
Peak Number 4 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	19.47 ug/l	127602	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
3	2-Pentanol	88	C5H12O	006032-29-7	9
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.318	183.7	ug/l	1203690	1	7.812	196605	30.0
Methanethiol	2.830	4.3	ug/l	28498	1	7.812	196605	30.0
Dimethyl sulfide	4.524	26.6	ug/l	174488	1	7.812	196605	30.0
Isopropyl Alcohol	4.718	19.5	ug/l	127602	1	7.812	196605	30.0