LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084875.D
Acq On : 15 Nov 2024 17:36
Operator : JC\MD
Sample : P4853-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

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\624N103124W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.312	47	61	93	rBV	278428	1735873	53.74%	22.441%
2	2.812	142	146	152	rVB	54873	66253	2.05%	0.857%
3	4.424	409	420	432	rBV	197302	597338	18.49%	7.722%
4	4.730	456	472	487	rBV	63906	231444	7.17%	2.992%
5	7.482	932	940	950	rBV2	24125	60246	1.87%	0.779%
6	7.806	984	995	1007	rBV2	76267	195175	6.04%	2.523%
7	8.577	1116	1126	1133	rBV	70620	157291	4.87%	2.033%
8	9.100	1205	1215	1227	rVB	143880	292054	9.04%	3.776%
9	10.447	1438	1444	1450	rVV	20297	36066	1.12%	0.466%
10	10.565	1456	1464	1468	rBV	221973	400730	12.41%	5.181%
11	10.629	1468	1475	1486	rVB	1765129	3229992	100.00%	41.757%
12	11.865	1677	1685	1696	rBV	195772	348398	10.79%	4.504%
13	12.847	1845	1852	1861	rVB	144767	253482	7.85%	3.277%
14	13.729	1990	2002	2007	rBV	37169	73888	2.29%	0.955%
15	13.870	2021	2026	2033	rVB2	32018	56940	1.76%	0.736%

Sum of corrected areas: 7735170

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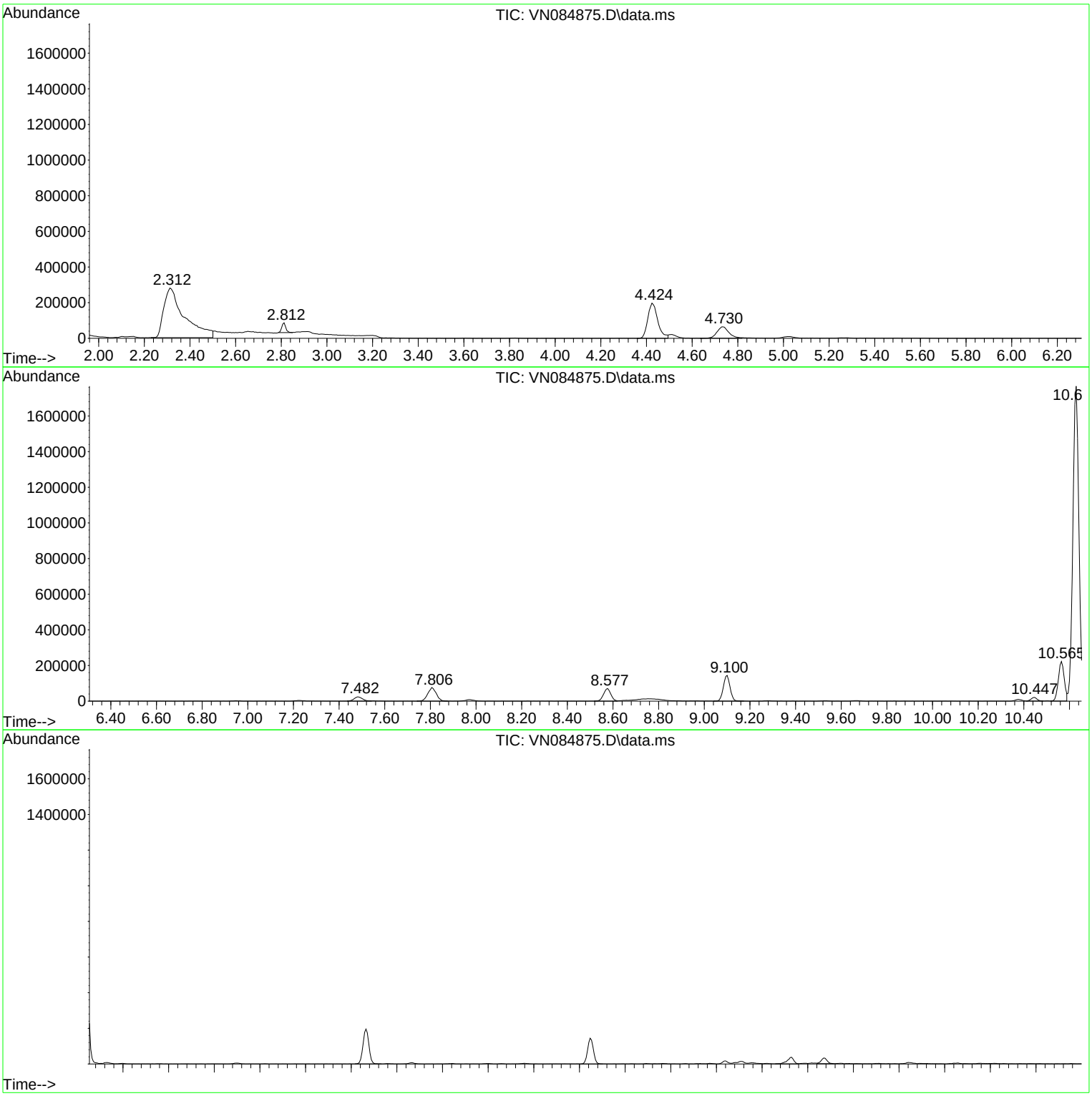
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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TIC Library : C:\Database\NIST20.L
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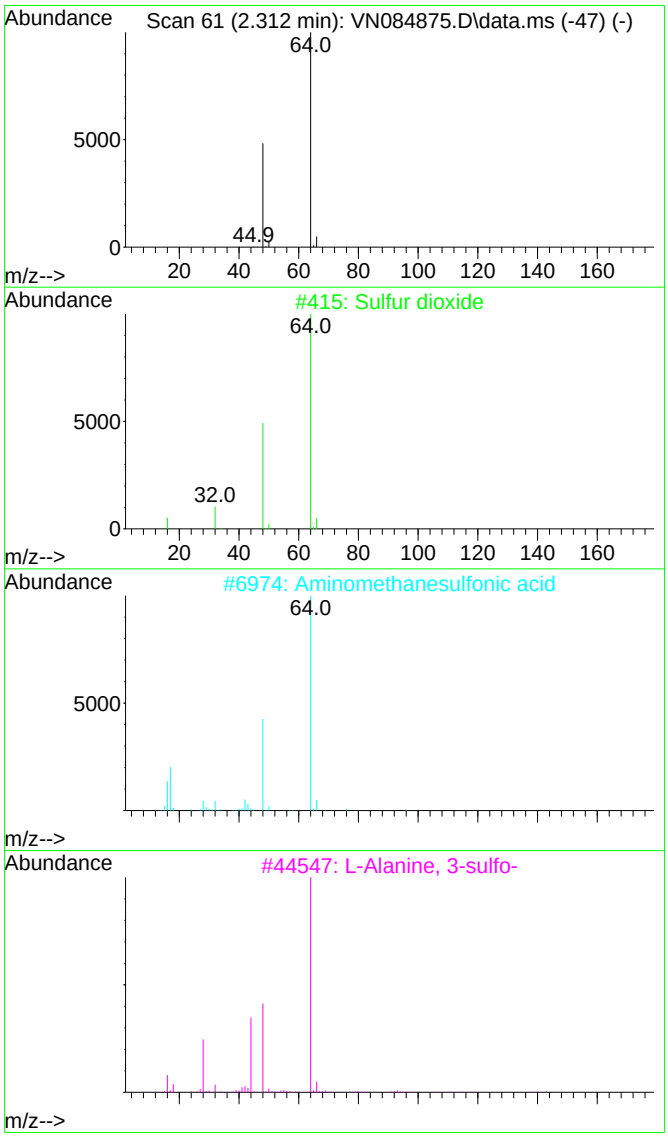
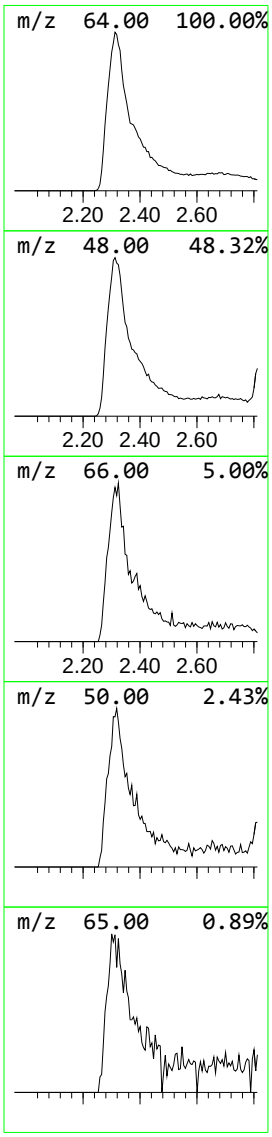
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.312	266.82 ug/l	1735870	Bromochloromethane	7.806

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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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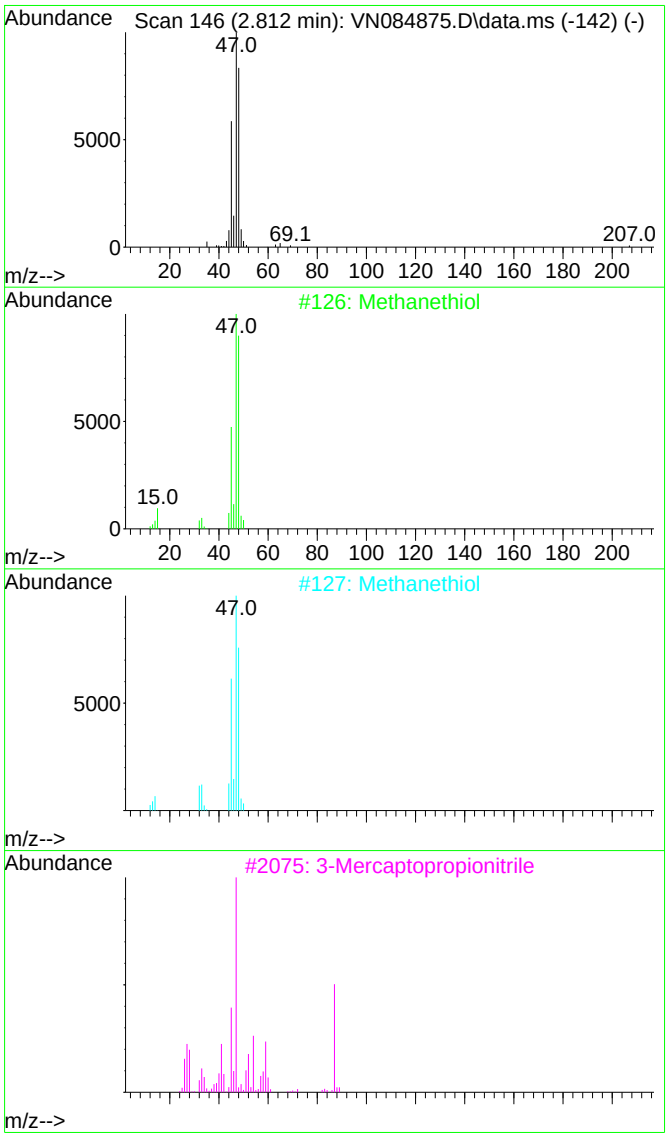
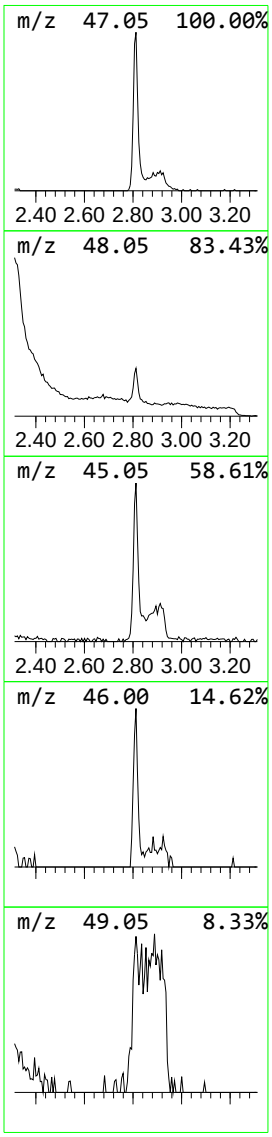
****
Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.812	10.18 ug/l	66253	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	83
3	3-Mercaptopropionitrile	87	C3H5NS	001001-58-7	28
4	Methional	104	C4H8OS	003268-49-3	9
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9





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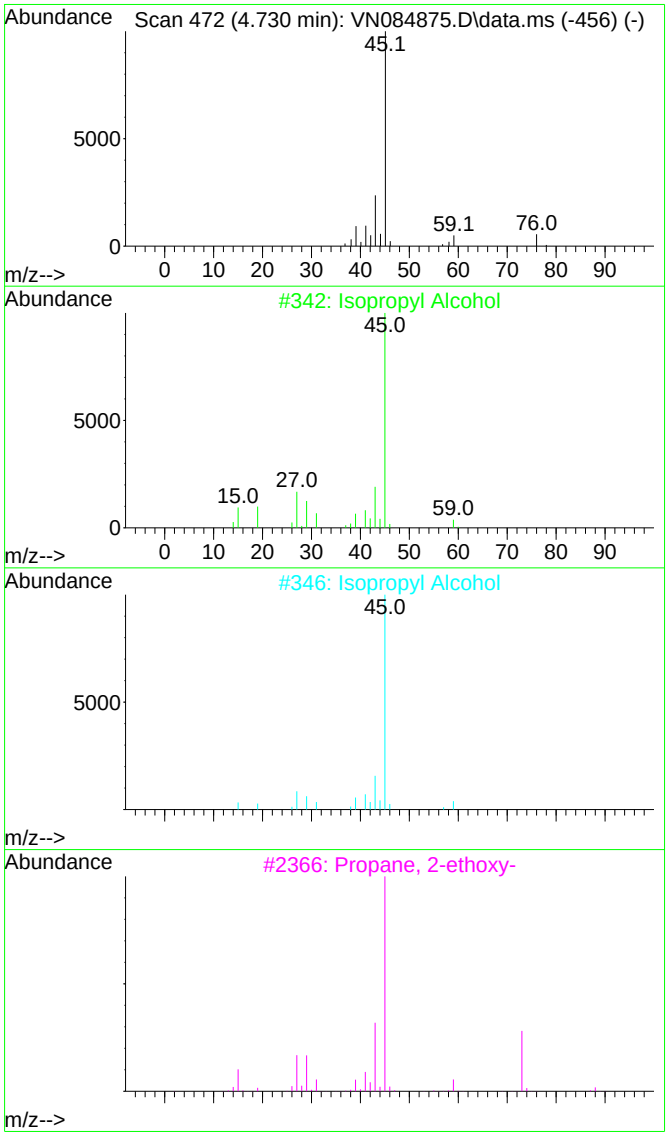
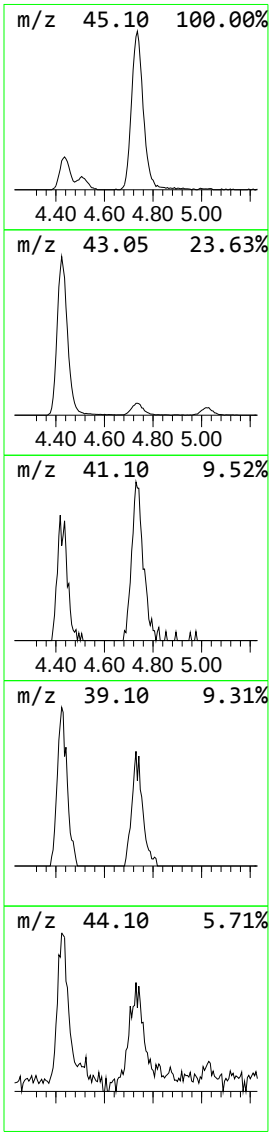
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.730	35.57 ug/l	231444	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40





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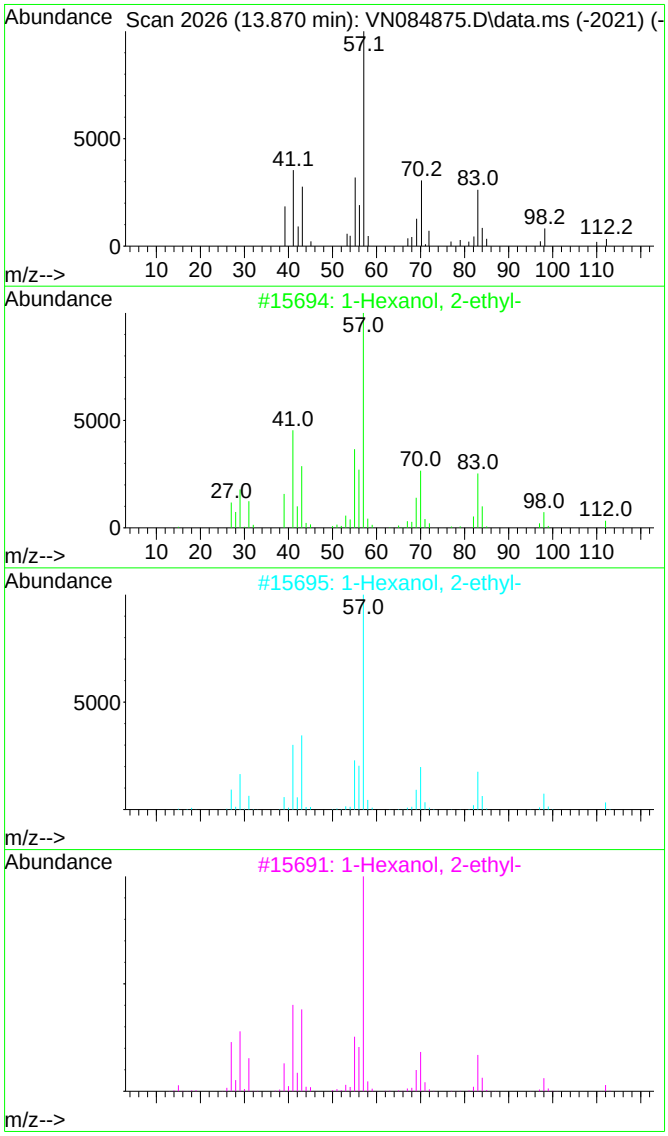
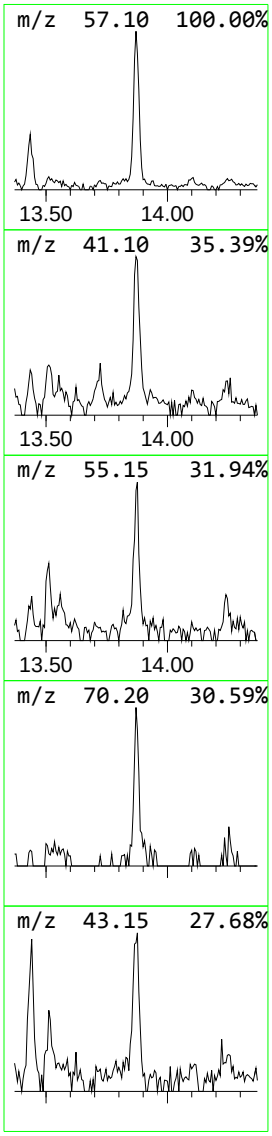
****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	4.90 ug/l	56940	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.312	266.8	ug/l	1735870	1	7.806	195175	30.0
Methanethiol	2.812	10.2	ug/l	66253	1	7.806	195175	30.0
Isopropyl Alcohol	4.730	35.6	ug/l	231444	1	7.806	195175	30.0
1-Hexanol, 2-et...	13.870	4.9	ug/l	56940	3	11.865	348398	30.0