LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084351.D
Acq On : 08 Oct 2024 16:05
Operator : JC\MD
Sample : P4337-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

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

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\624N100824W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.324	50	63	79	rBV	224612	1111399	75.98%	17.105%
2	2.836	145	150	157	rVB3	18754	41862	2.86%	0.644%
3	4.424	408	420	434	rBV	491237	1462848	100.00%	22.514%
4	4.712	457	469	488	rBV2	126900	423346	28.94%	6.515%
5	7.483	932	940	952	rBV2	20718	52590	3.60%	0.809%
6	7.818	983	997	1011	rBV2	89040	230579	15.76%	3.549%
7	8.577	1116	1126	1137	rBV	91303	206518	14.12%	3.178%
8	9.100	1207	1215	1226	rBV	190038	378156	25.85%	5.820%
9	10.447	1438	1444	1450	rBV3	16632	29787	2.04%	0.458%
10	10.565	1456	1464	1469	rBV	293073	529644	36.21%	8.151%
11	10.629	1469	1475	1486	rVV	541239	1009525	69.01%	15.537%
12	11.865	1677	1685	1694	rBV	254663	448911	30.69%	6.909%
13	12.847	1844	1852	1862	rBV	181343	312867	21.39%	4.815%
14	13.370	1936	1941	1947	rVB3	15242	24602	1.68%	0.379%
15	13.441	1947	1953	1959	rBV4	16114	29639	2.03%	0.456%
16	13.512	1959	1965	1969	rVV6	8526	17539	1.20%	0.270%
17	13.570	1969	1975	1982	rVB6	17483	43656	2.98%	0.672%
18	13.723	1993	2001	2006	rBV3	20355	38684	2.64%	0.595%
19	13.776	2006	2010	2014	rVV3	15857	30162	2.06%	0.464%
20	13.823	2014	2018	2022	rVV3	12663	29181	1.99%	0.449%
21	13.870	2022	2026	2034	rVB2	26553	46108	3.15%	0.710%

Sum of corrected areas: 6497603

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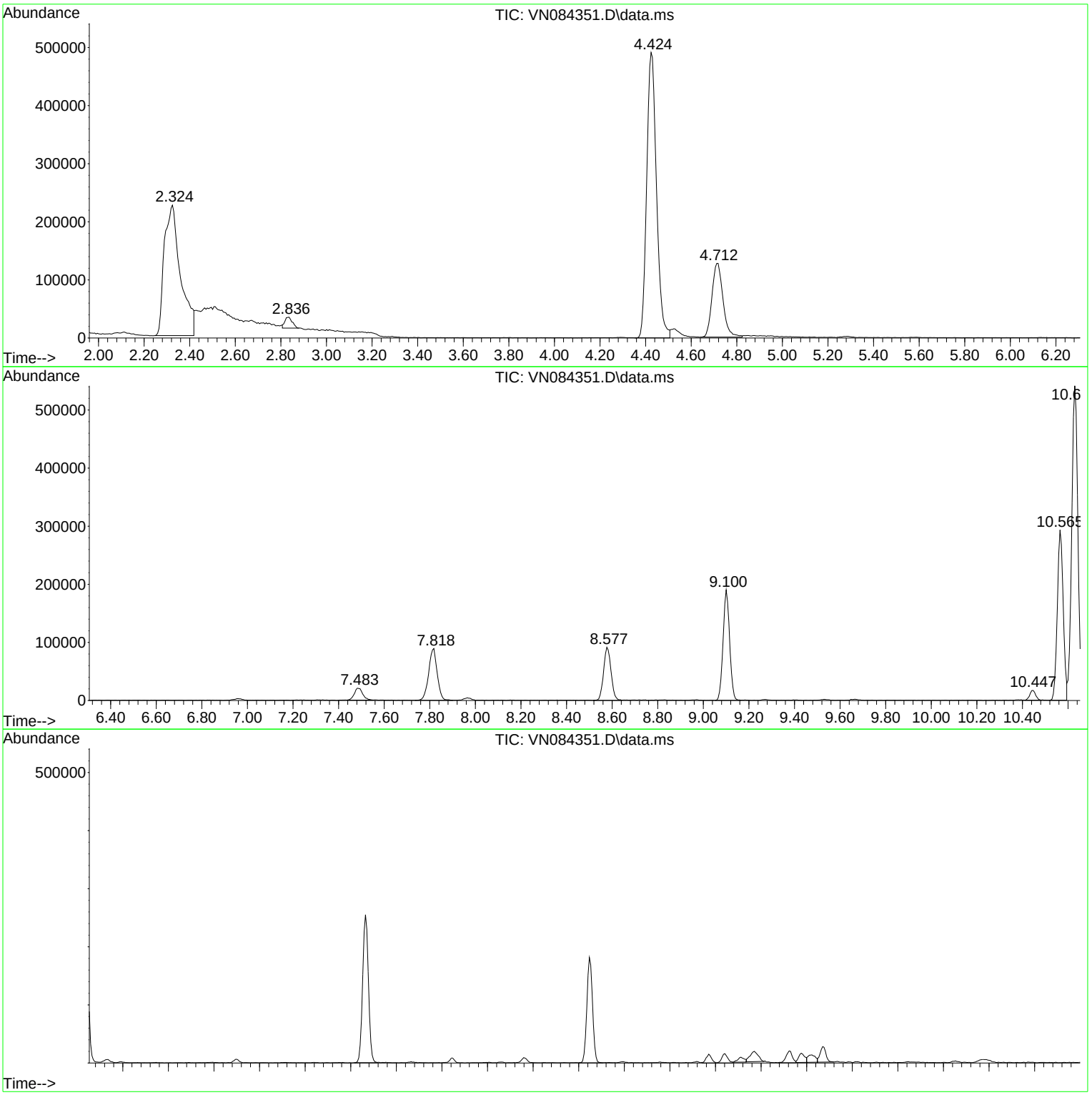
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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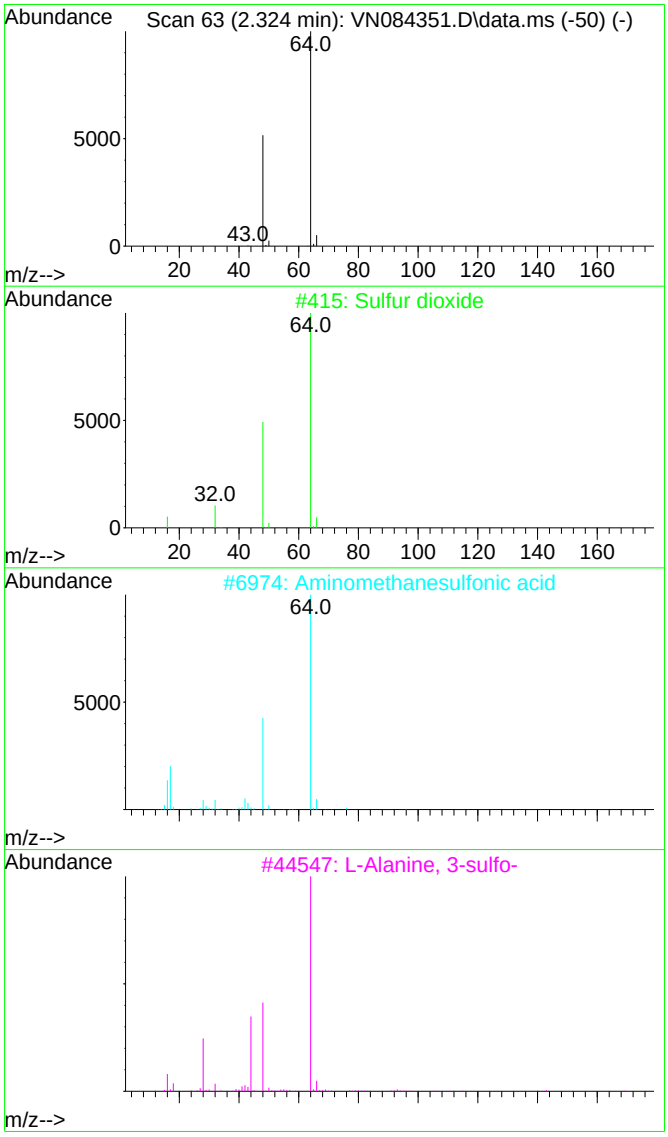
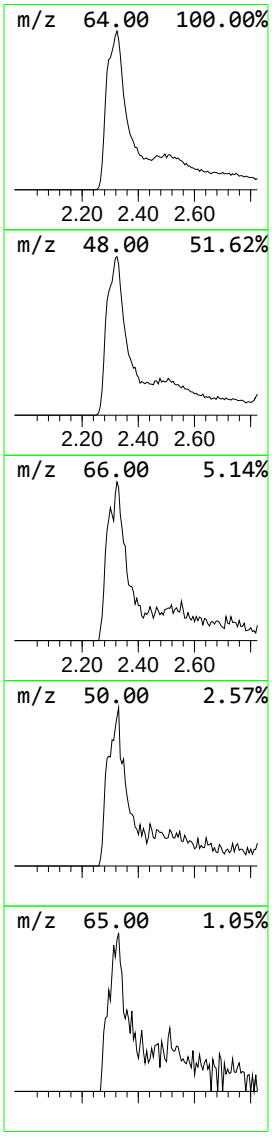
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	144.60 ug/l	1111400	Bromochloromethane	7.818

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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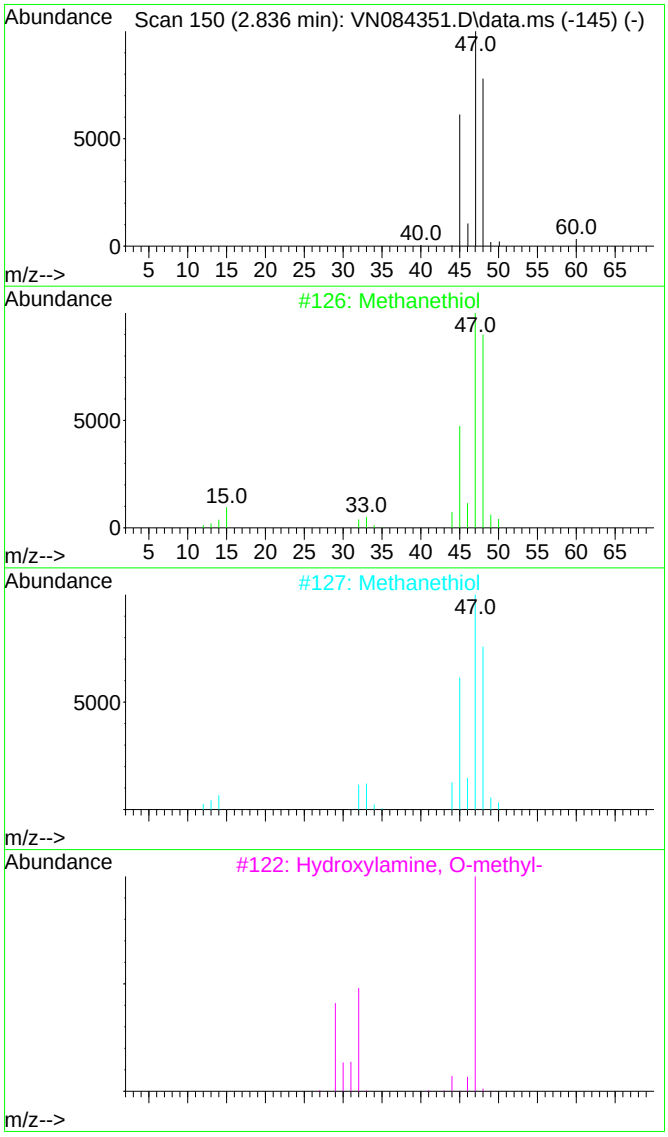
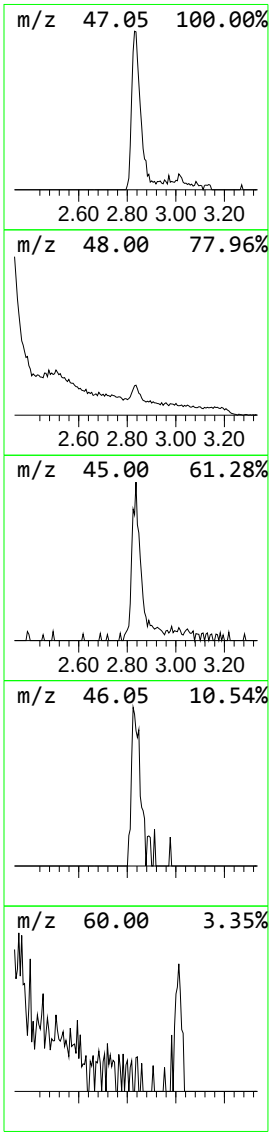
Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.836	5.45 ug/l	41862	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	83
2	Methanethiol	48	CH4S	000074-93-1	43
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	4





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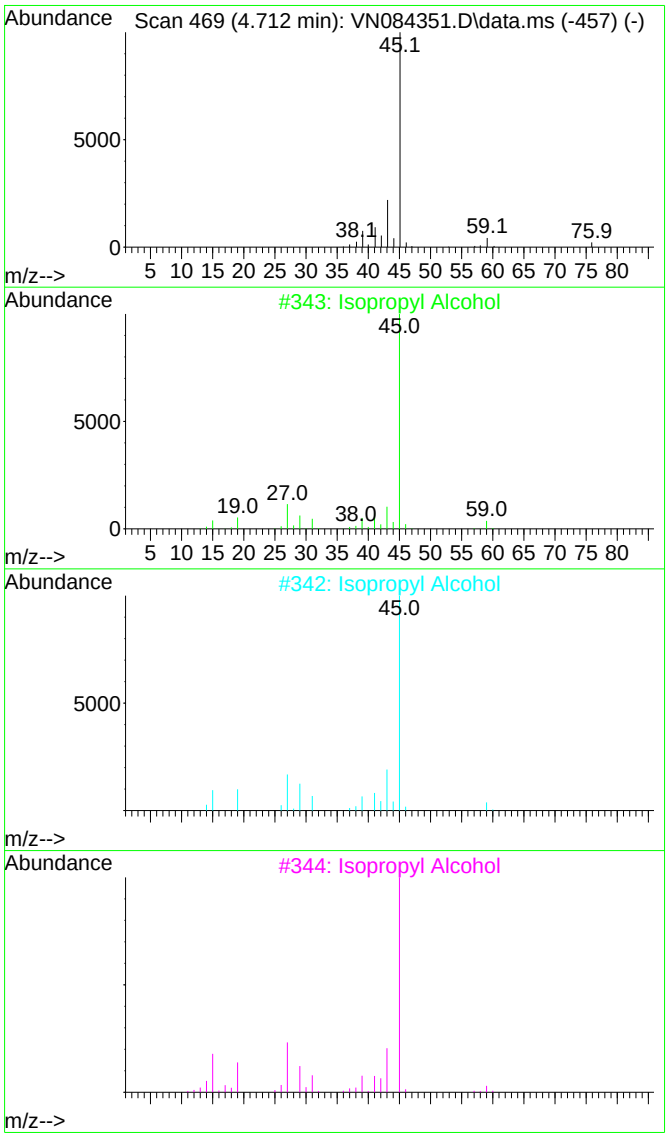
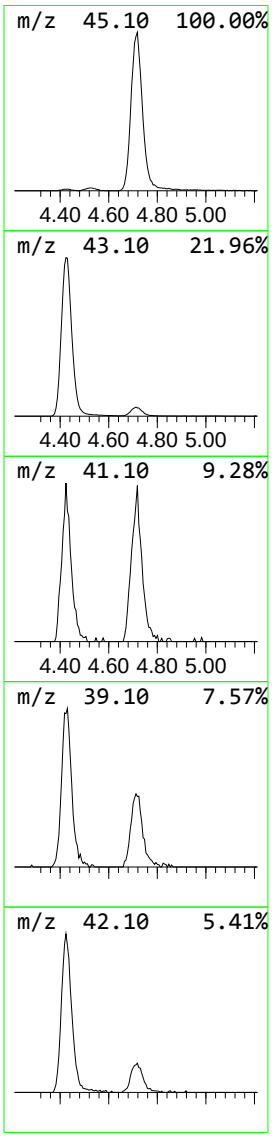
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	55.08 ug/l	423346	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64





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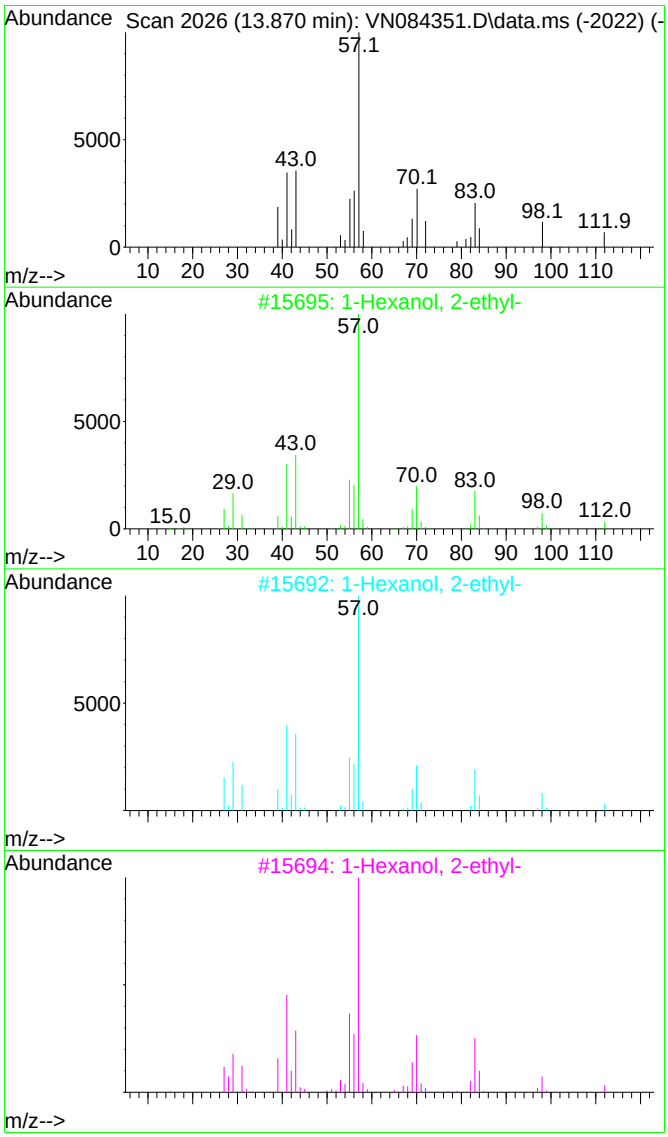
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

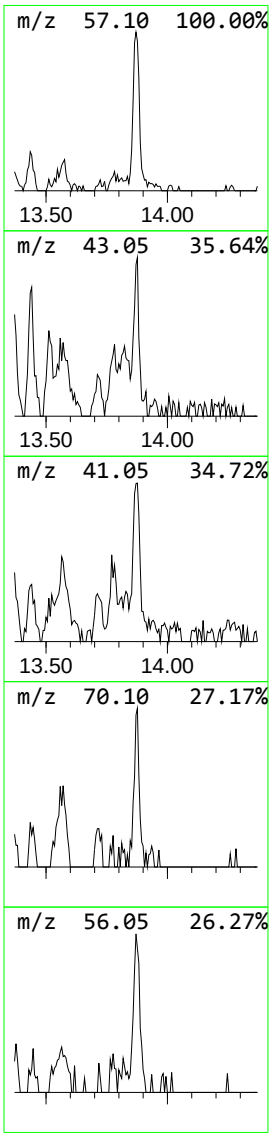
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	3.08 ug/l	46108	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.324	144.6	ug/l	1111400	1	7.818	230579	30.0
Methanethiol	2.836	5.5	ug/l	41862	1	7.818	230579	30.0
Isopropyl Alcohol	4.712	55.1	ug/l	423346	1	7.818	230579	30.0
1-Hexanol, 2-et...	13.870	3.1	ug/l	46108	3	11.865	448911	30.0