LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084348.D
Acq On : 08 Oct 2024 14:53
Operator : JC\MD
Sample : P4334-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

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: VN084348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.106	24	26	40	rVB2	10793	26459	1.74%	0.392%
2	2.324	52	63	80	rBV	224598	867547	56.98%	12.860%
3	2.824	144	148	155	rBV	45777	71396	4.69%	1.058%
4	4.424	409	420	432	rBV	518470	1522465	100.00%	22.569%
5	4.524	435	437	449	rVB3	16514	31838	2.09%	0.472%
6	4.712	457	469	484	rBV	139621	466640	30.65%	6.917%
7	7.482	933	940	951	rVB2	20735	53654	3.52%	0.795%
8	7.812	984	996	1007	rBV	93986	236867	15.56%	3.511%
9	8.577	1116	1126	1139	rVB	94172	213961	14.05%	3.172%
10	9.100	1204	1215	1226	rBV	193232	395529	25.98%	5.863%
11	10.441	1437	1443	1450	rBV2	18597	34357	2.26%	0.509%
12	10.565	1455	1464	1469	rBV	307492	555732	36.50%	8.238%
13	10.629	1469	1475	1487	rVV	660257	1198447	78.72%	17.766%
14	11.865	1675	1685	1694	rBV	274379	475242	31.22%	7.045%
15	12.847	1845	1852	1862	rVB	189785	333664	21.92%	4.946%
16	13.370	1936	1941	1947	rVB3	15256	25543	1.68%	0.379%
17	13.441	1947	1953	1958	rBV4	17968	30790	2.02%	0.456%
18	13.570	1968	1975	1984	rVB6	20146	54979	3.61%	0.815%
19	13.729	1994	2002	2006	rBV3	22924	42380	2.78%	0.628%
20	13.776	2006	2010	2014	rVV3	15675	30546	2.01%	0.453%
21	13.817	2014	2017	2022	rVV5	13445	29446	1.93%	0.437%
22	13.870	2022	2026	2034	rVB2	28087	48394	3.18%	0.717%

Sum of corrected areas: 6745876

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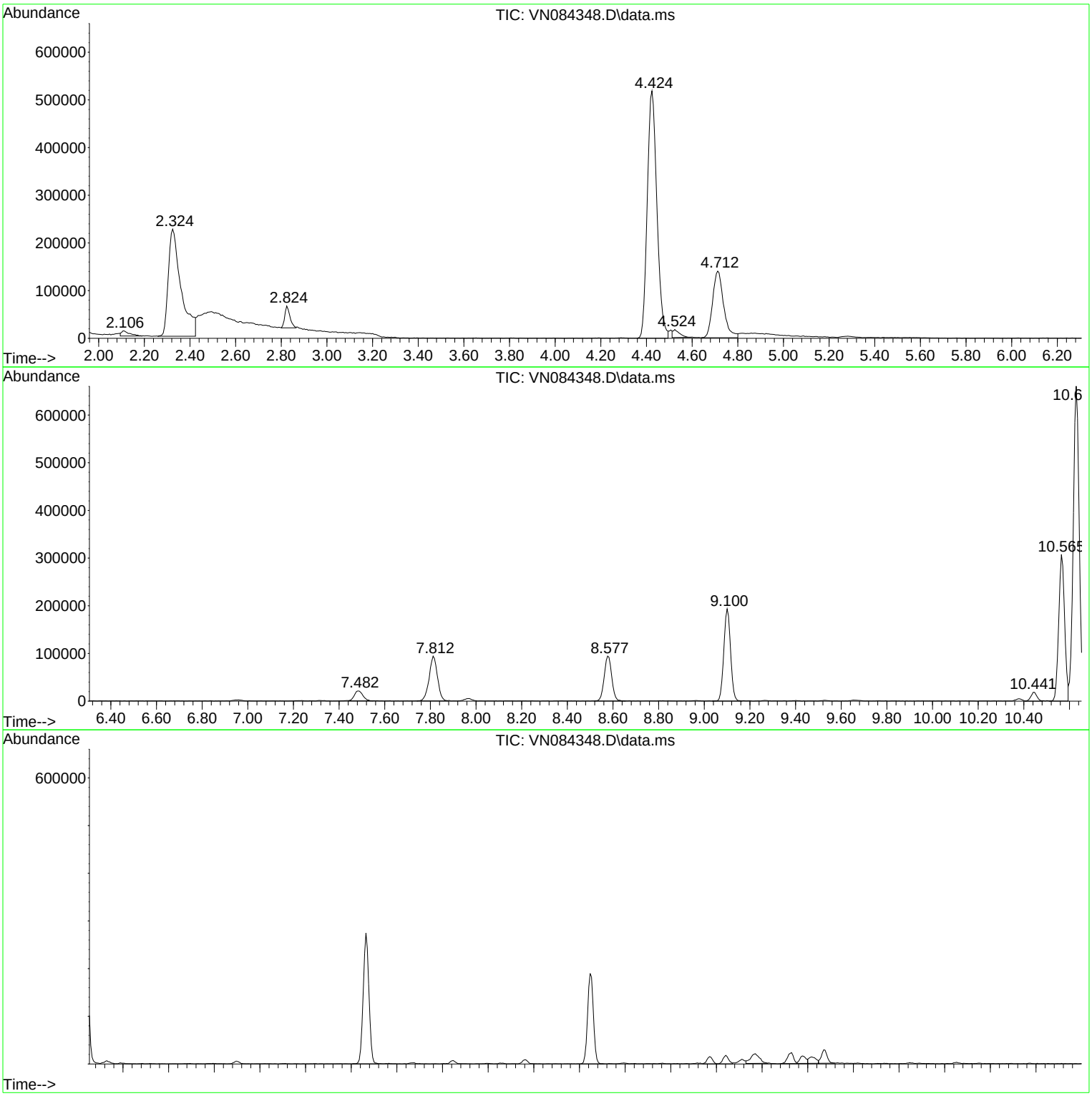
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

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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Data File : VN084348.D
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Operator : JC\MD
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Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

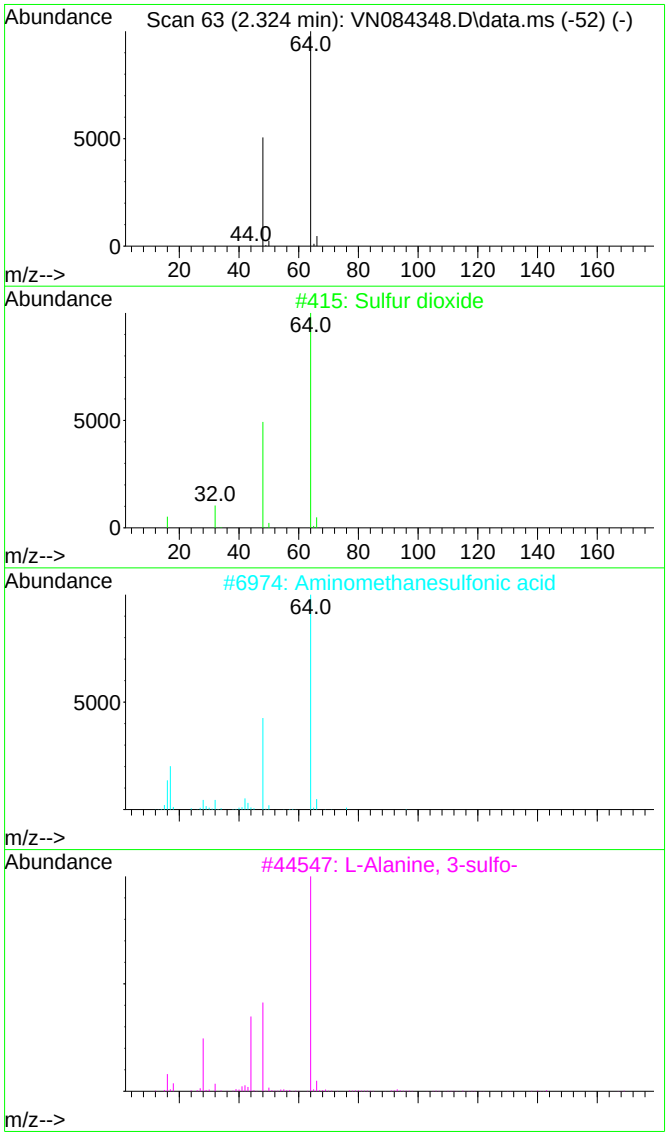
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

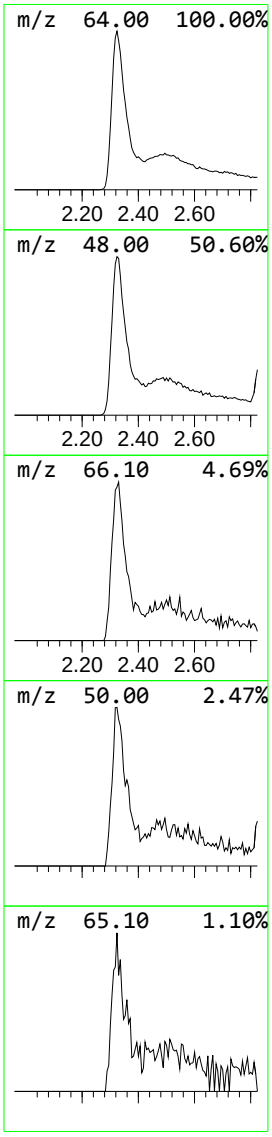
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	109.88 ug/l	867547	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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Data File : VN084348.D
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Operator : JC\MD
Sample : P4334-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

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

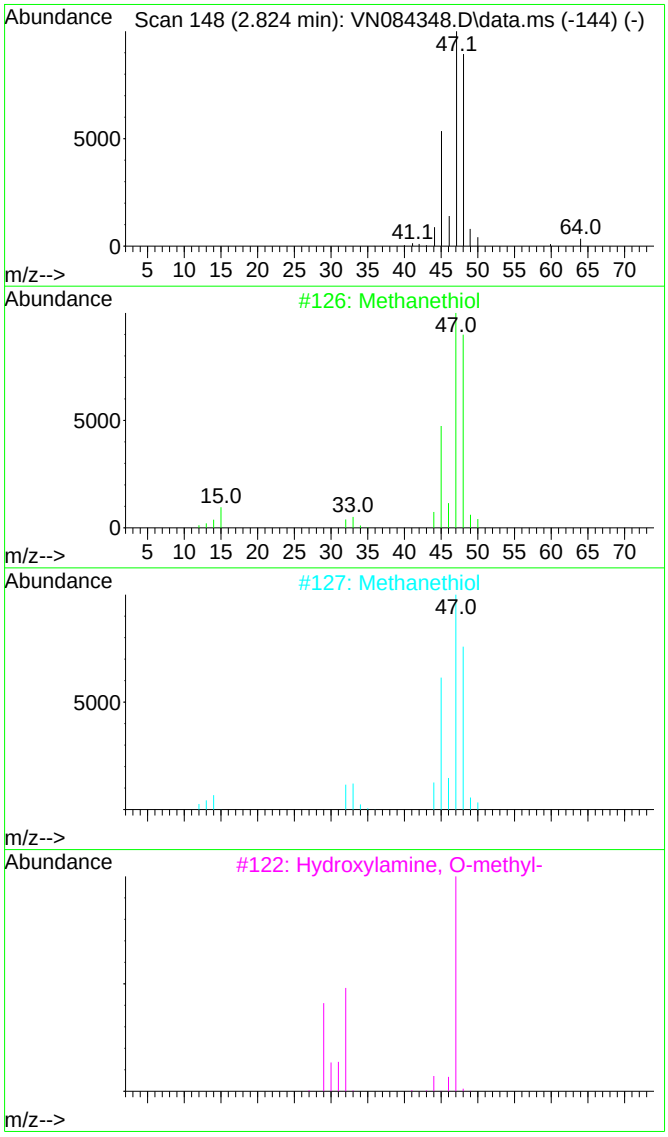
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

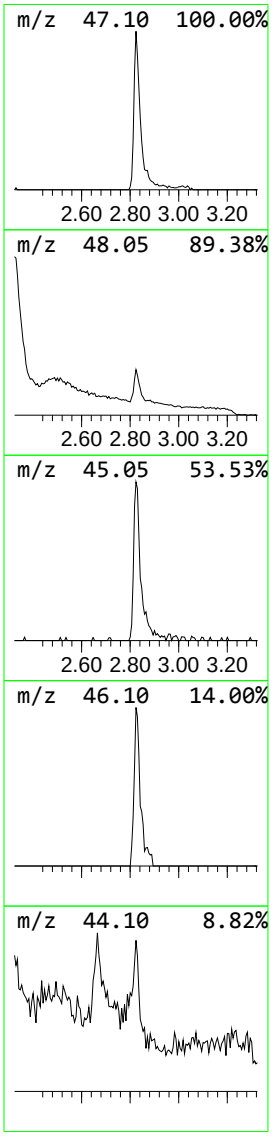
****

Peak Number 3 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	9.04 ug/l	71396	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	9
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Ethanol	46	C2H6O	000064-17-5	4





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Operator : JC\MD
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

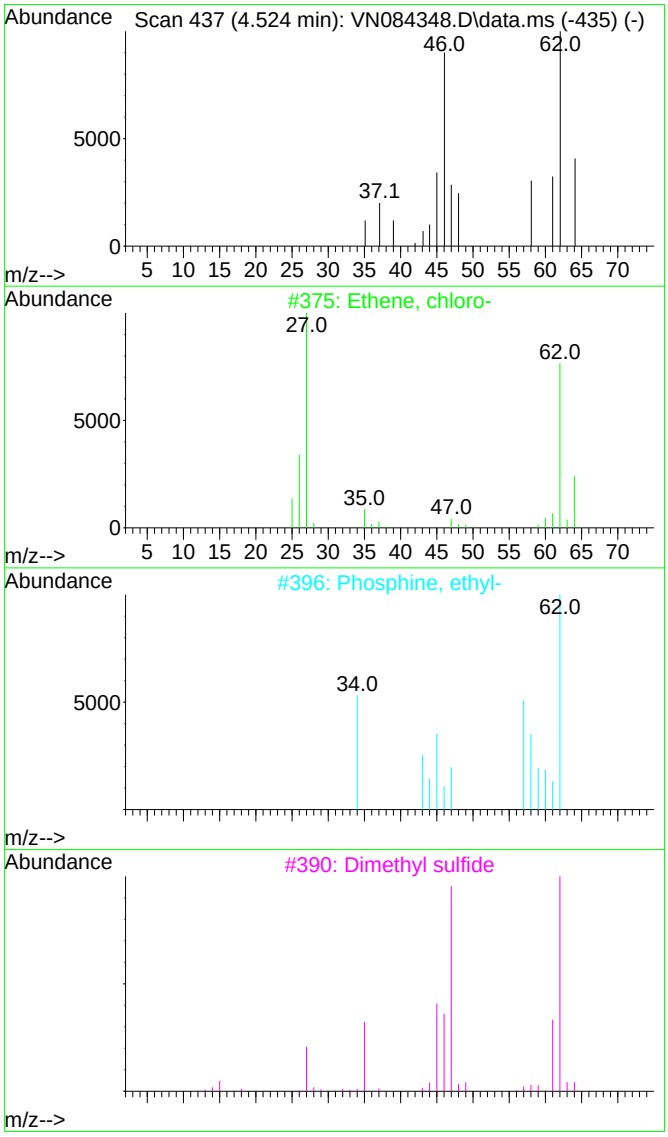
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

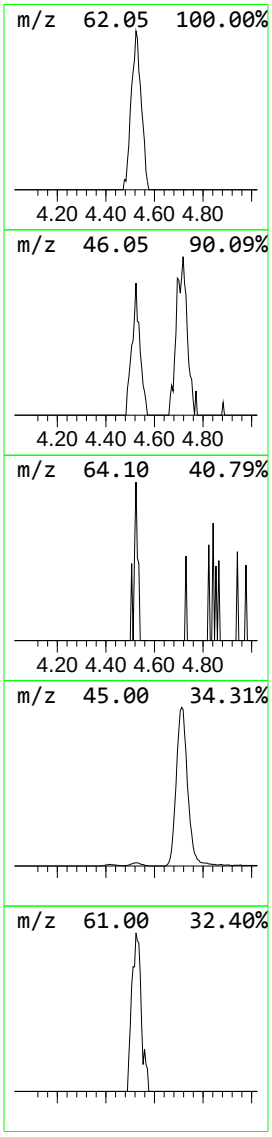
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown4.524 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	4.03 ug/l	31838	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, chloro-	62	C2H3Cl	000075-01-4	42
2	Phosphine, ethyl-	62	C2H7P	000593-68-0	23
3	Dimethyl sulfide	62	C2H6S	000075-18-3	23
4	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5	Acetone-D6	64	C3D6O	000666-52-4	9





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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

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

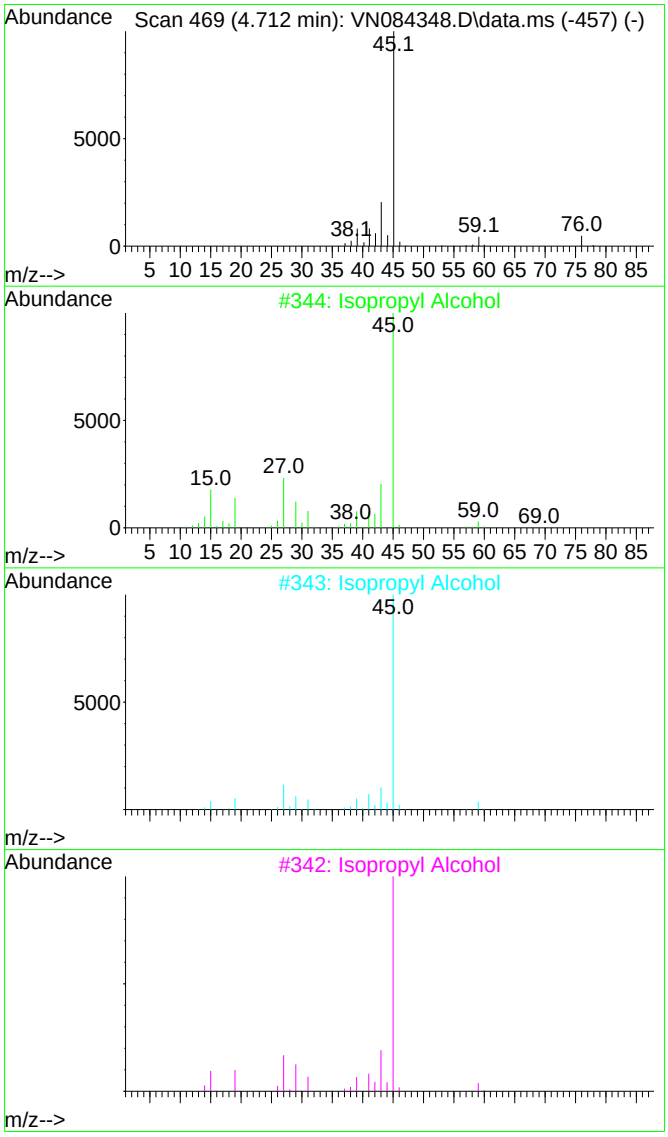
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

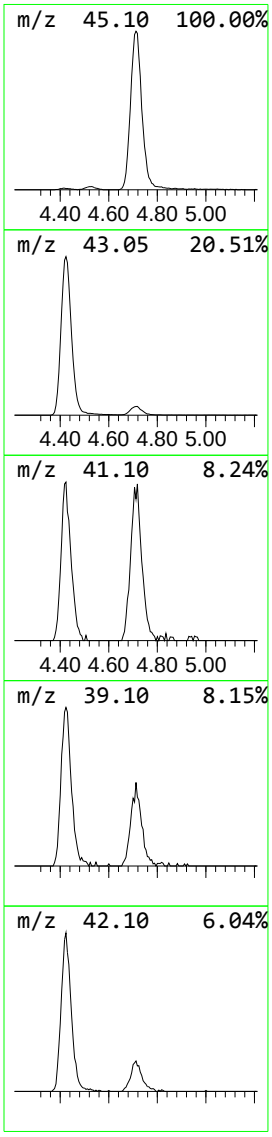
****

Peak Number 5 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	59.10 ug/l	466640	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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Sample : P4334-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

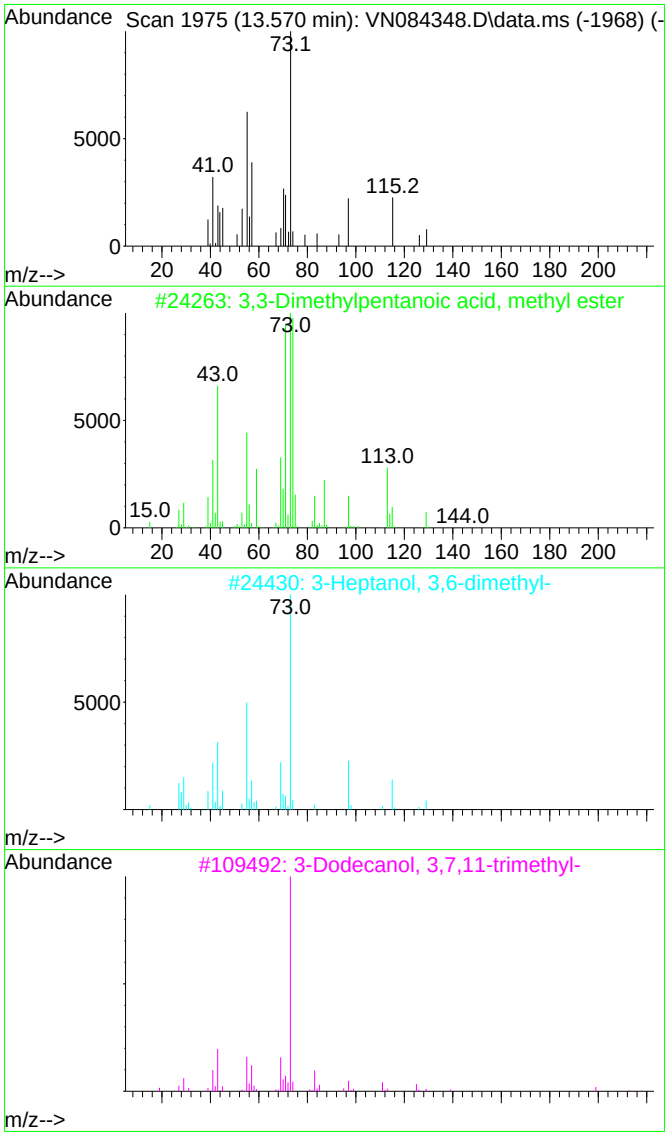
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

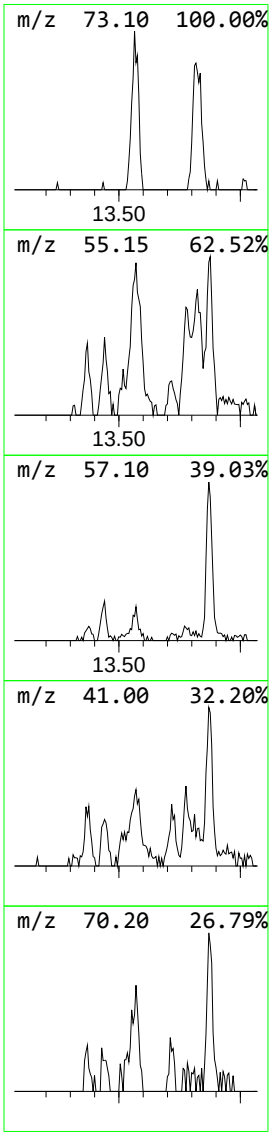
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown13.570 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.570	3.47 ug/l	54979	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylpentanoic acid, meth...	144	C8H16O2	101186-01-0	28
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	28
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	28
4	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	28
5	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	25





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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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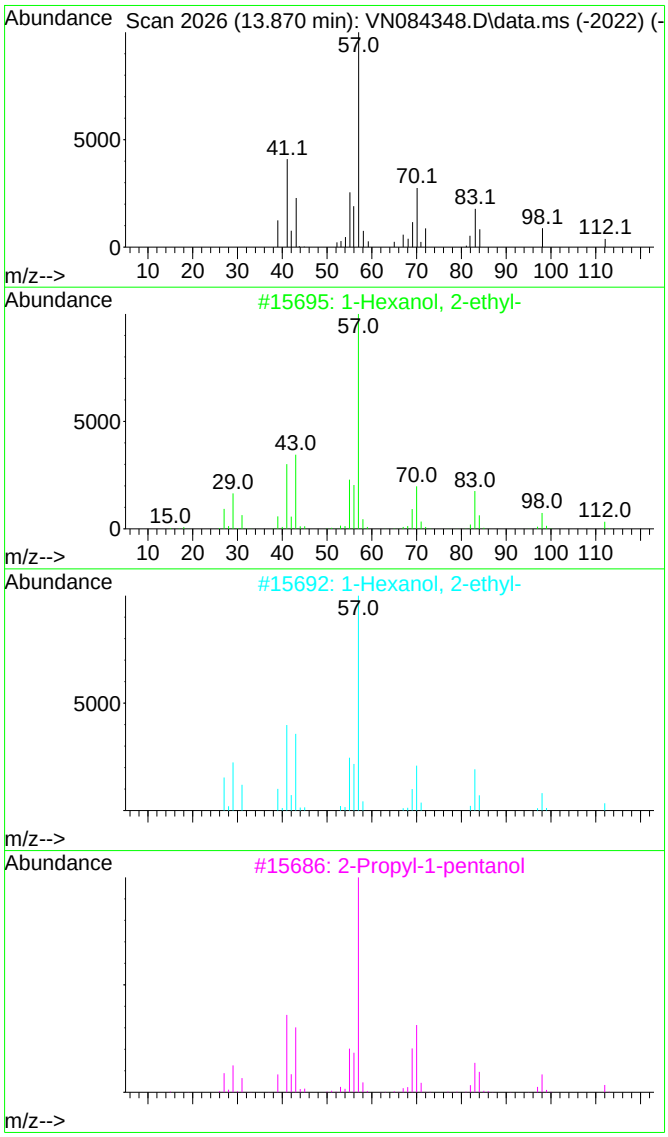
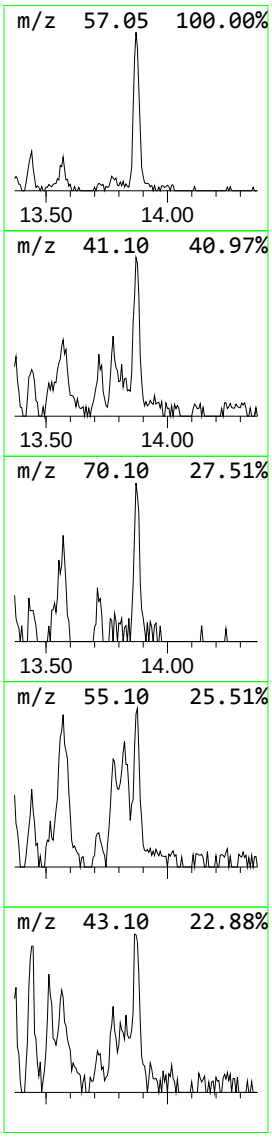
****

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	3.05 ug/l	48394	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	78
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	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	109.9	ug/l	867547	1	7.818	236867	30.0
Methanethiol	2.824	9.0	ug/l	71396	1	7.818	236867	30.0
unknown4.524	4.524	4.0	ug/l	31838	1	7.818	236867	30.0
Isopropyl Alcohol	4.712	59.1	ug/l	466640	1	7.818	236867	30.0
unknown13.570	13.570	3.5	ug/l	54979	3	11.865	475242	30.0
1-Hexanol, 2-et...	13.870	3.0	ug/l	48394	3	11.865	475242	30.0