LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 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\624N090624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN083702.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	50	58	77	rBV	261610	885325	61.32%	13.798%
2	2.812	142	146	151	rBV4	18435	26972	1.87%	0.420%
3	4.430	406	421	449	rBV	276226	874784	60.59%	13.634%
4	4.736	459	473	490	rBV	93306	353816	24.50%	5.514%
5	7.488	929	941	954	rBV	23563	59258	4.10%	0.924%
6	7.812	986	996	1009	rVB3	83484	216702	15.01%	3.377%
7	8.576	1117	1126	1137	rVB	90945	204246	14.15%	3.183%
8	9.100	1204	1215	1224	rBV	192095	388942	26.94%	6.062%
9	10.447	1437	1444	1451	rVB	15836	28825	2.00%	0.449%
10	10.565	1456	1464	1469	rBV	291467	536294	37.14%	8.358%
11	10.629	1469	1475	1487	rVV	798310	1443870	100.00%	22.503%
12	11.865	1676	1685	1693	rBV	263949	459320	31.81%	7.159%
13	12.247	1745	1750	1755	rVB2	15662	24559	1.70%	0.383%
14	12.564	1796	1804	1809	rBV3	12988	21820	1.51%	0.340%
15	12.847	1842	1852	1861	rBV	208722	353265	24.47%	5.506%
16	13.370	1935	1941	1947	rVV2	33422	59261	4.10%	0.924%
17	13.441	1947	1953	1958	rVV2	30105	50678	3.51%	0.790%
18	13.511	1959	1965	1967	rVV5	10193	21140	1.46%	0.329%
19	13.570	1969	1975	1985	rVB4	50894	127112	8.80%	1.981%
20	13.723	1993	2001	2006	rBV5	47453	90857	6.29%	1.416%
21	13.776	2006	2010	2013	rVV3	36522	64239	4.45%	1.001%
22	13.817	2013	2017	2023	rVV3	33407	83608	5.79%	1.303%
23	13.876	2023	2027	2035	rVB2	25295	41313	2.86%	0.644%

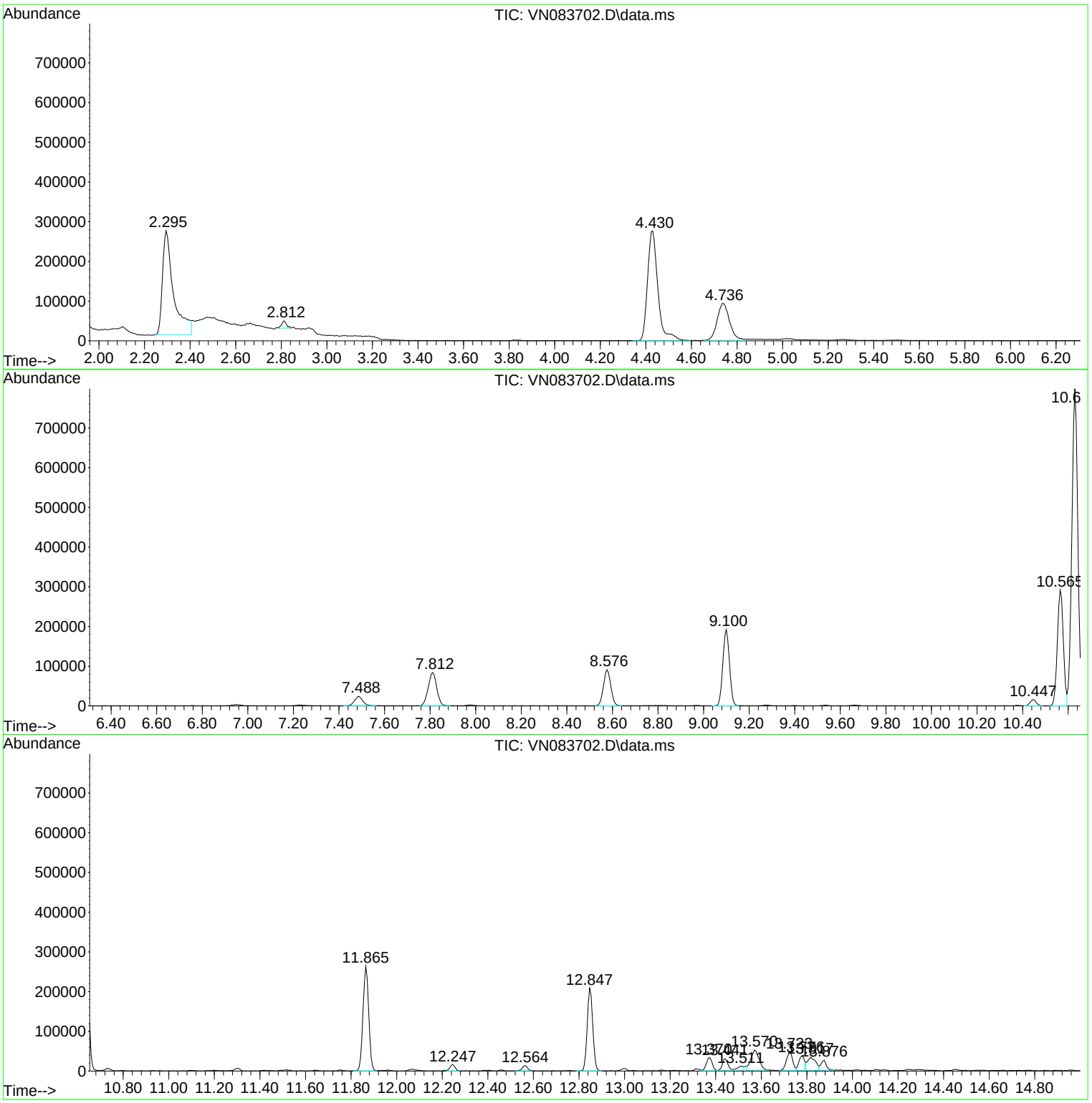
Sum of corrected areas: 6416206

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

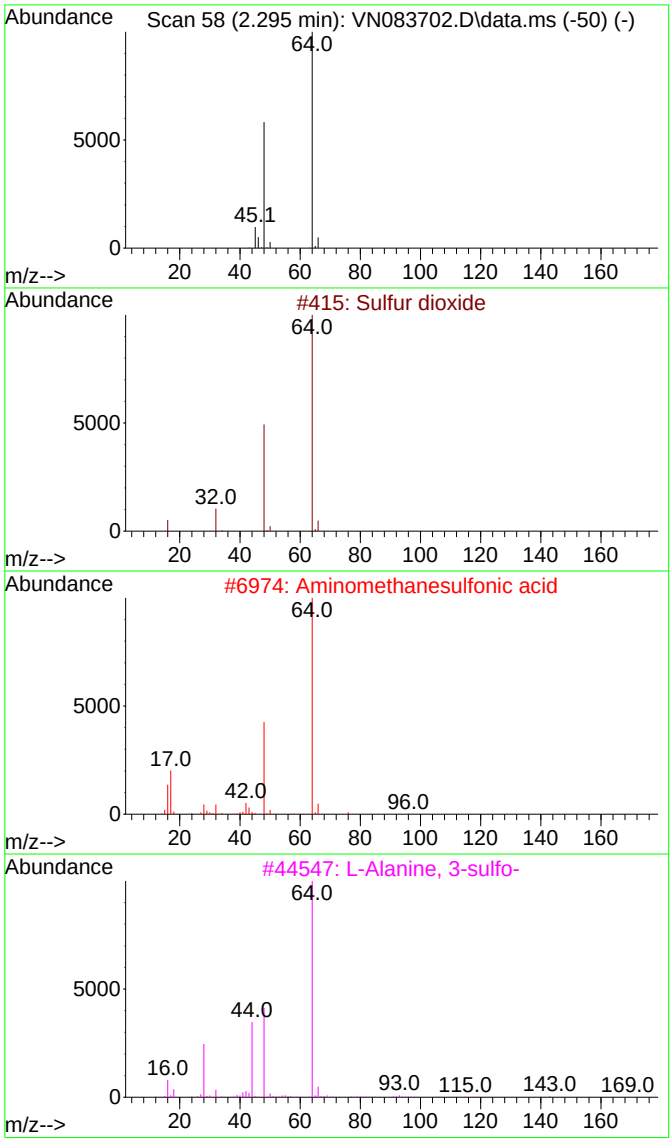
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

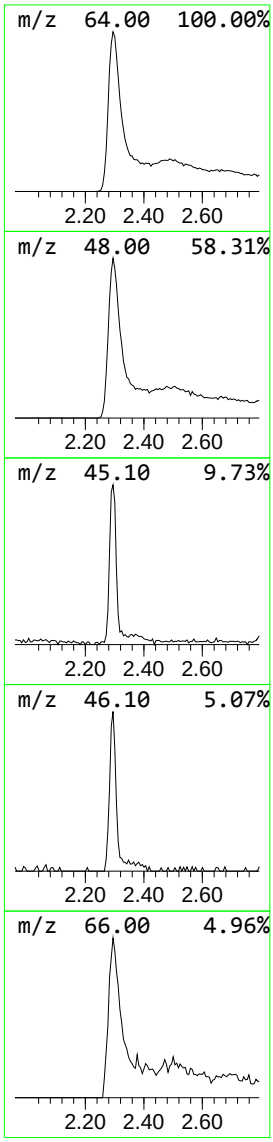
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	122.56 ug/l	885325	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

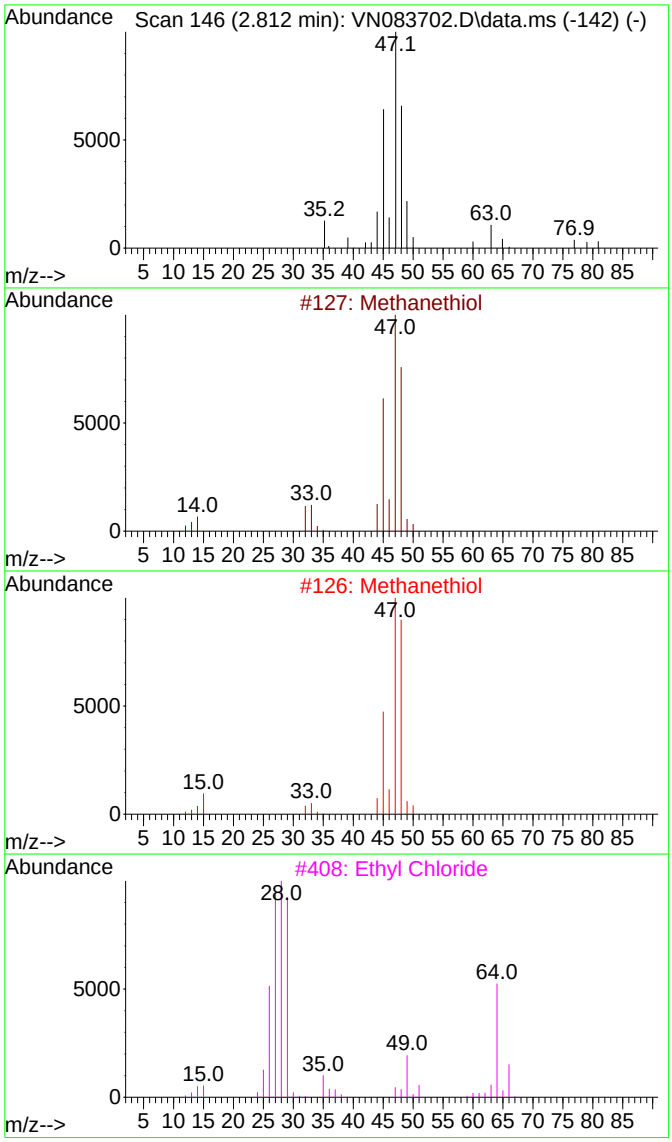
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

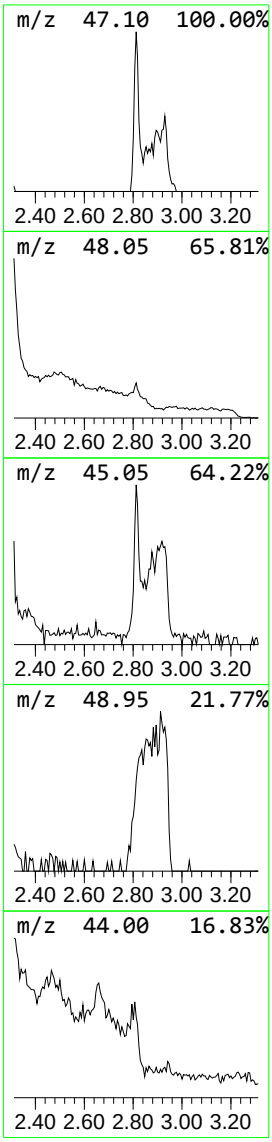
****

Peak Number 2 unknown2.812 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.812	3.73 ug/l	26972	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	49
2	Methanethiol	48	CH4S	000074-93-1	43
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	12
4	Tetraborane(10)	54	B4H10	018283-93-7	9
5	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

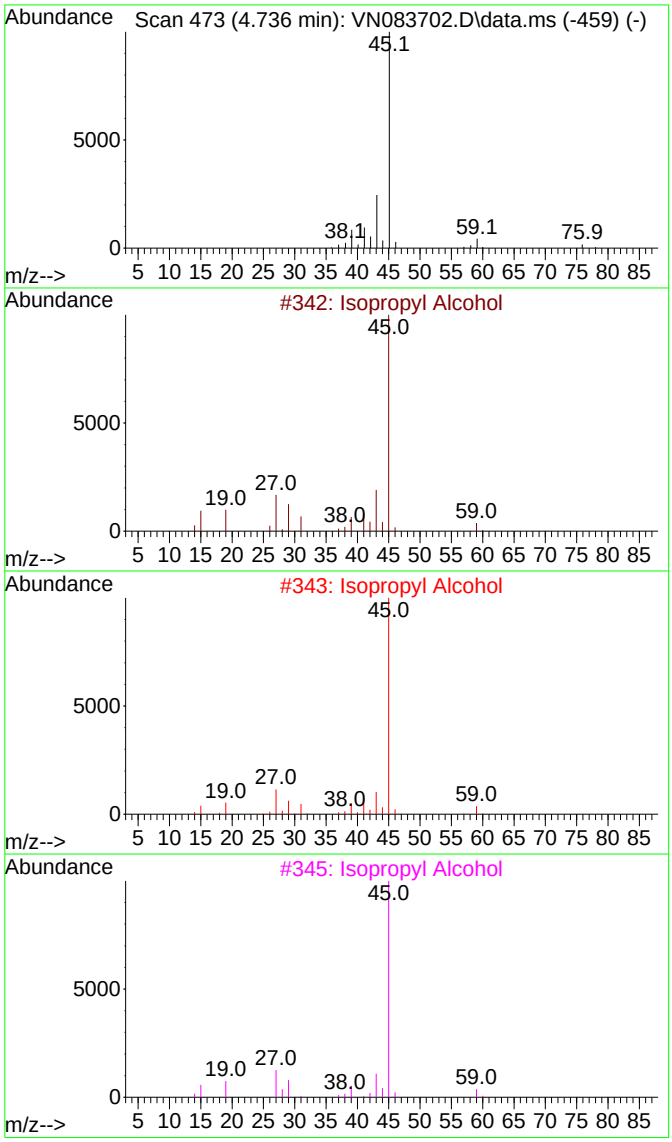
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

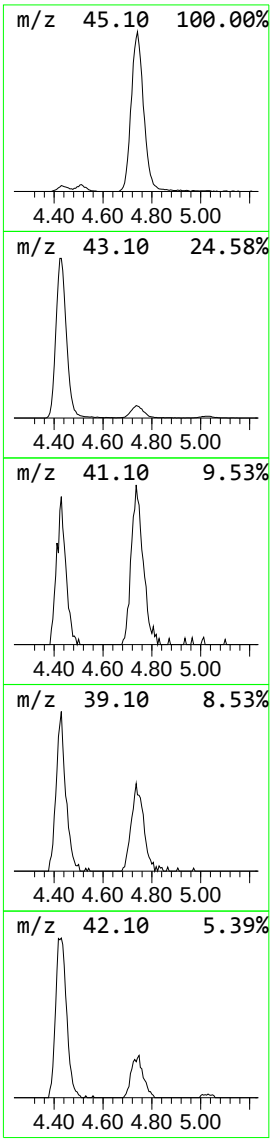
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.736	48.98 ug/l	353816	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	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

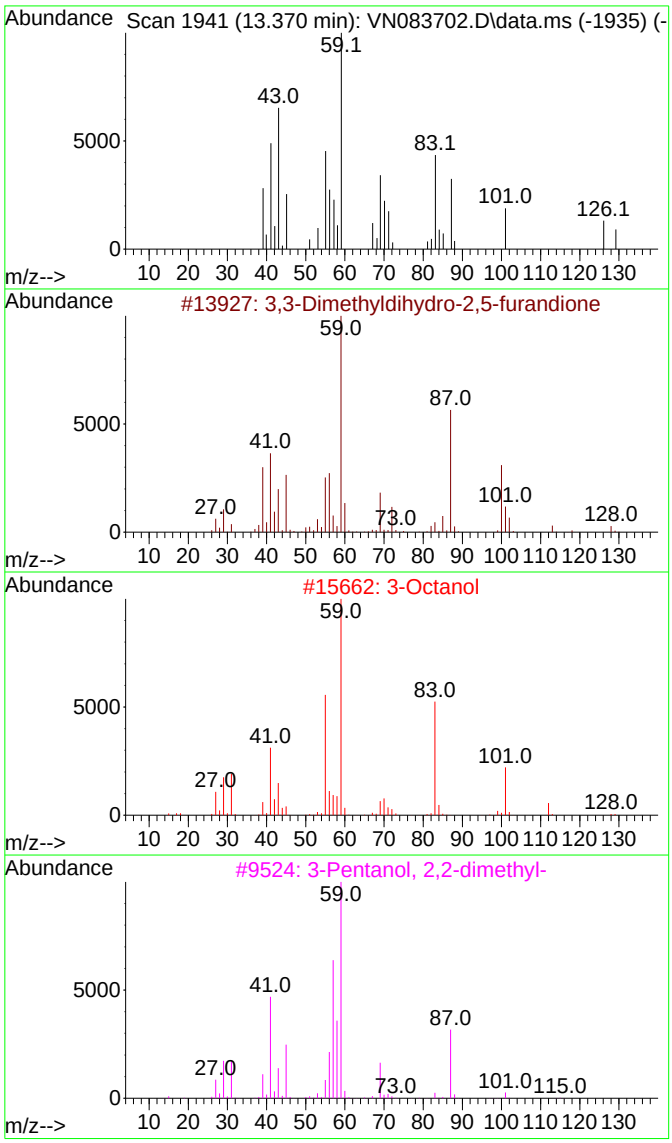
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

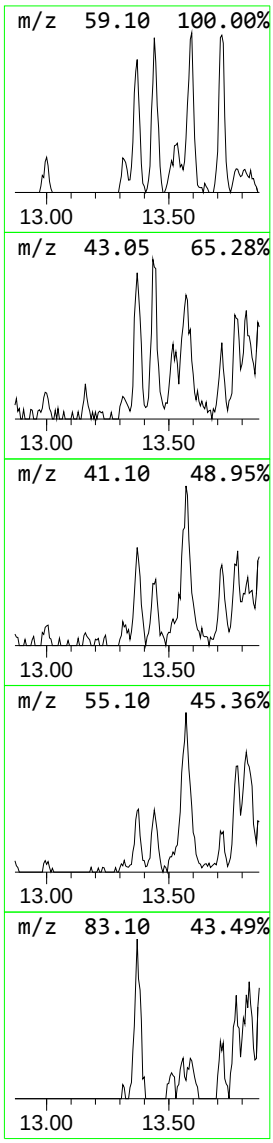
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown13.370 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.370	3.87 ug/l	59261	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyldihydro-2,5-furandione	128	C6H8O3	017347-61-4	47
2	3-Octanol	130	C8H18O	000589-98-0	38
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	38
4	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	37
5	3-Octanol	130	C8H18O	000589-98-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

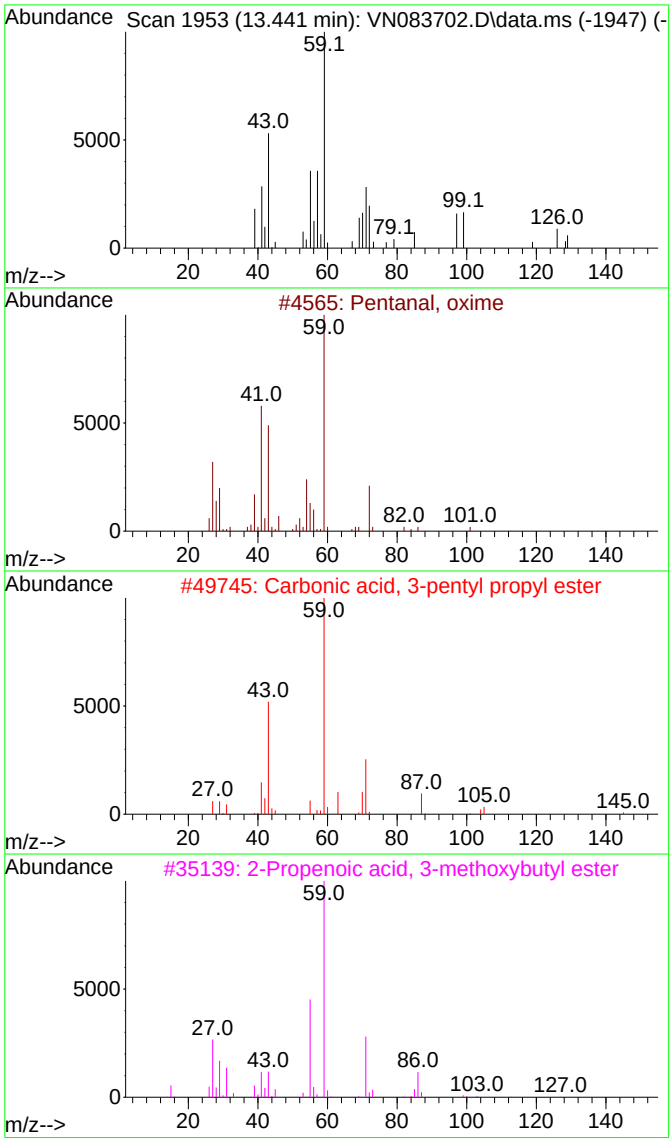
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

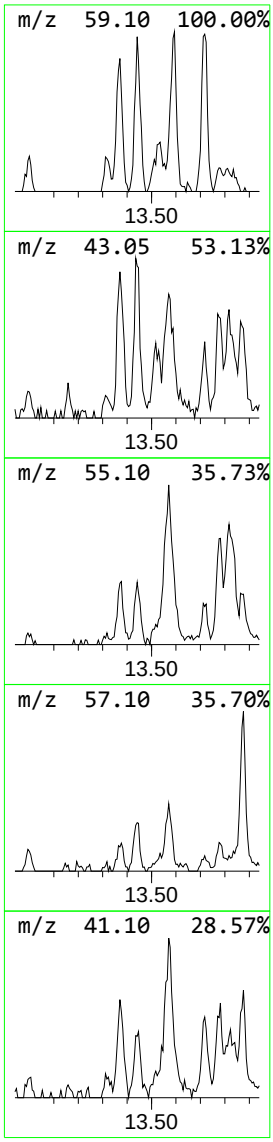
****

Peak Number 5 unknown13.441 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	3.31 ug/l	50678	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, oxime	101	C5H11NO	000628-79-5	43
2	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	38
3	2-Propenoic acid, 3-methoxybutyl...	158	C8H14O3	002768-07-2	38
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	38
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

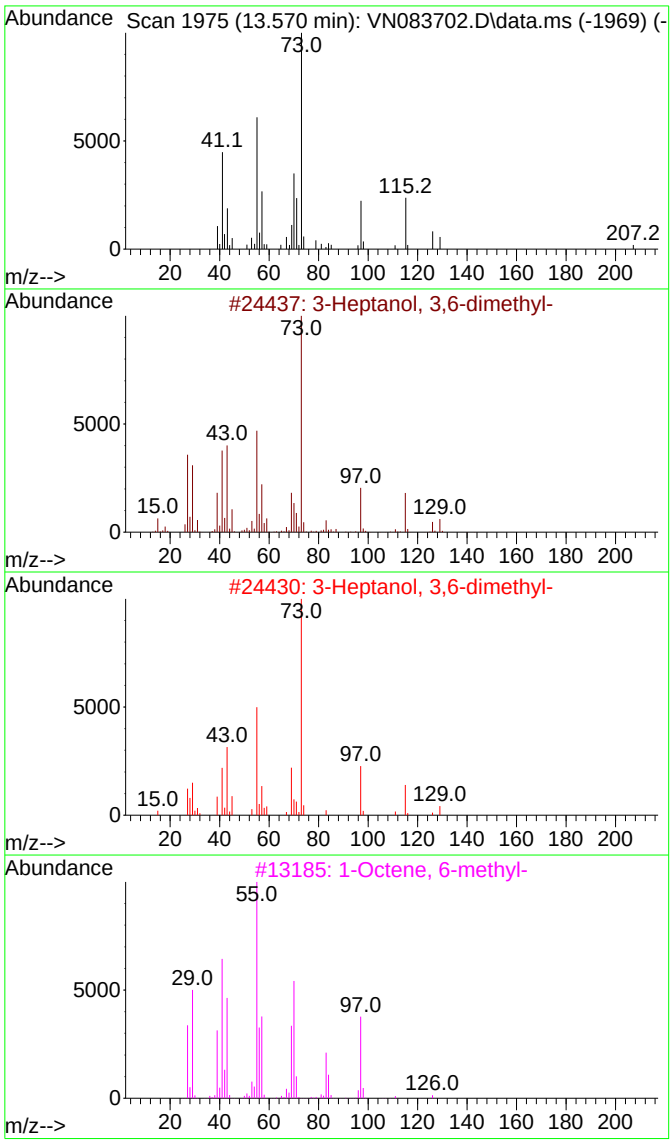
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

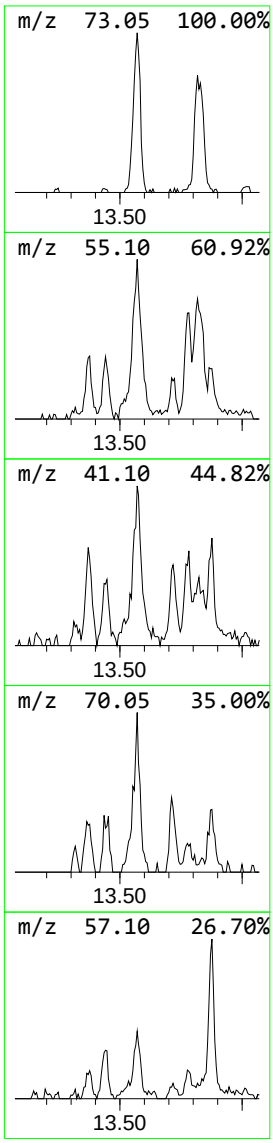
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Heptanol, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.570	8.30 ug/l	127112	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	50
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	47
3	1-Octene, 6-methyl-	126	C9H18	013151-10-5	25
4	4-Decanol	158	C10H22O	002051-31-2	23
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

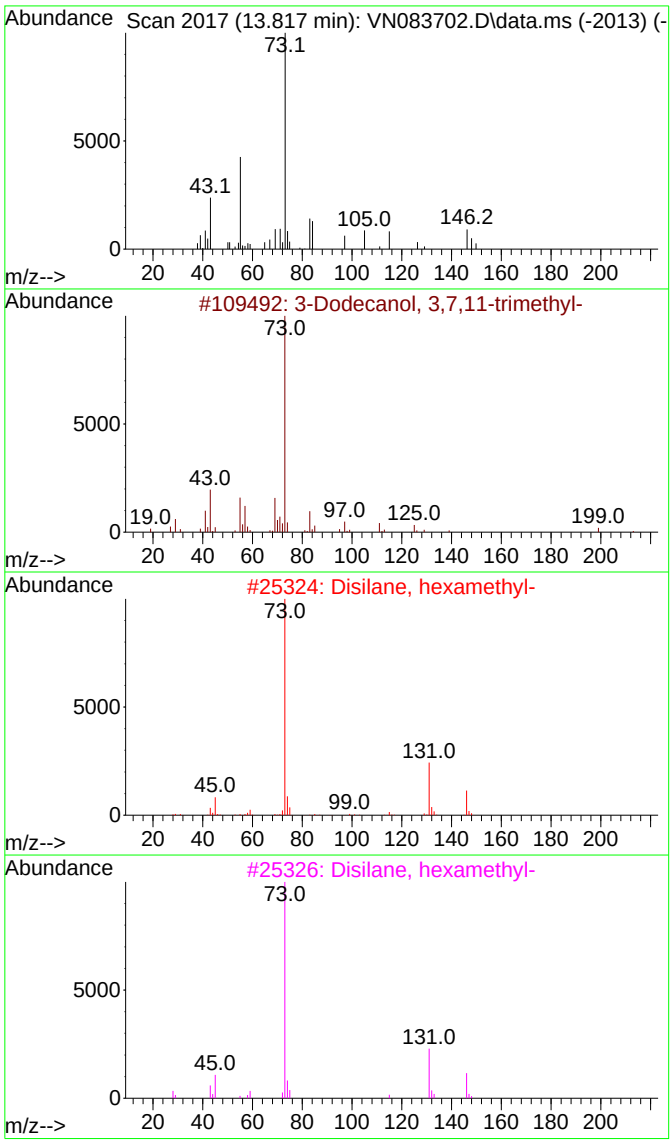
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

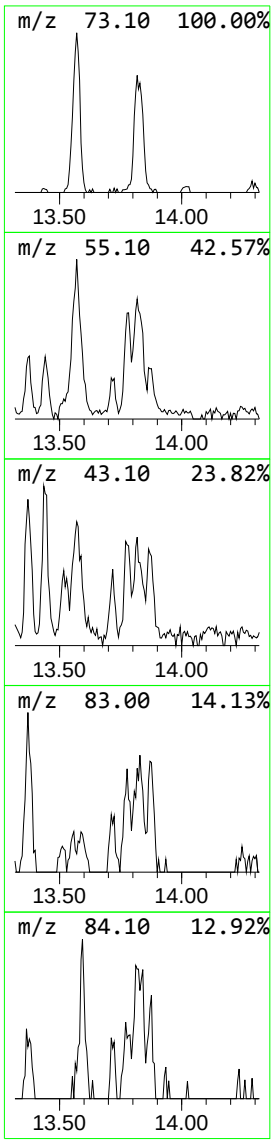
****

Peak Number 7 unknown13.817 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.817	5.46 ug/l	83608	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	47
2	Disilane, hexamethyl-	146	C6H18Si2	001450-14-2	14
3	Disilane, hexamethyl-	146	C6H18Si2	001450-14-2	14
4	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	12
5	Hexane, 2,5-dimethoxy-2,5-dimethyl-	174	C10H22O2	053273-13-5	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083702.D
Acq On : 06 Sep 2024 17:36
Operator : JC\MD
Sample : P3884-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.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	2.295	122.6	ug/l	885325	1	7.818	216702	30.0
unknown2.812	2.812	3.7	ug/l	26972	1	7.818	216702	30.0
Isopropyl Alcohol	4.736	49.0	ug/l	353816	1	7.818	216702	30.0
unknown13.370	13.370	3.9	ug/l	59261	3	11.865	459320	30.0
unknown13.441	13.441	3.3	ug/l	50678	3	11.865	459320	30.0
3-Heptanol, 3,6...	13.570	8.3	ug/l	127112	3	11.865	459320	30.0
unknown13.817	13.817	5.5	ug/l	83608	3	11.865	459320	30.0