LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

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\624N042624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN082006.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.624	106	114	115	rBV3	6697	12107	1.01%	0.239%
2	2.830	142	149	161	rBV4	29506	88242	7.38%	1.743%
3	4.424	407	420	432	rBV	404362	1195736	100.00%	23.620%
4	4.524	432	437	449	rVB5	19238	55945	4.68%	1.105%
5	4.706	456	468	481	rBV	112989	394151	32.96%	7.786%
6	7.477	931	939	952	rVB	64165	164758	13.78%	3.255%
7	7.818	981	997	1007	rBV4	91445	276667	23.14%	5.465%
8	8.577	1118	1126	1134	rVB3	90275	206510	17.27%	4.079%
9	9.100	1205	1215	1226	rBV	200233	419915	35.12%	8.295%
10	10.382	1423	1433	1440	rBV2	62066	134552	11.25%	2.658%
11	10.447	1440	1444	1450	rVB4	10055	17730	1.48%	0.350%
12	10.571	1457	1465	1470	rBV	313748	590879	49.42%	11.672%
13	10.630	1470	1475	1484	rVV	189760	355129	29.70%	7.015%
14	10.794	1498	1503	1512	rVB	43701	74935	6.27%	1.480%
15	11.865	1678	1685	1696	rBV	275133	485349	40.59%	9.587%
16	12.071	1713	1720	1725	rBV4	13140	24089	2.01%	0.476%
17	12.400	1770	1776	1782	rBV5	9543	16546	1.38%	0.327%
18	12.847	1845	1852	1862	rBV3	191356	377208	31.55%	7.451%
19	13.441	1947	1953	1957	rBV5	24253	44457	3.72%	0.878%
20	13.706	1991	1998	2006	rBV6	27568	56422	4.72%	1.115%
21	13.876	2021	2027	2032	rVB3	33155	57639	4.82%	1.139%
22	14.453	2120	2125	2128	rBV4	9044	13483	1.13%	0.266%

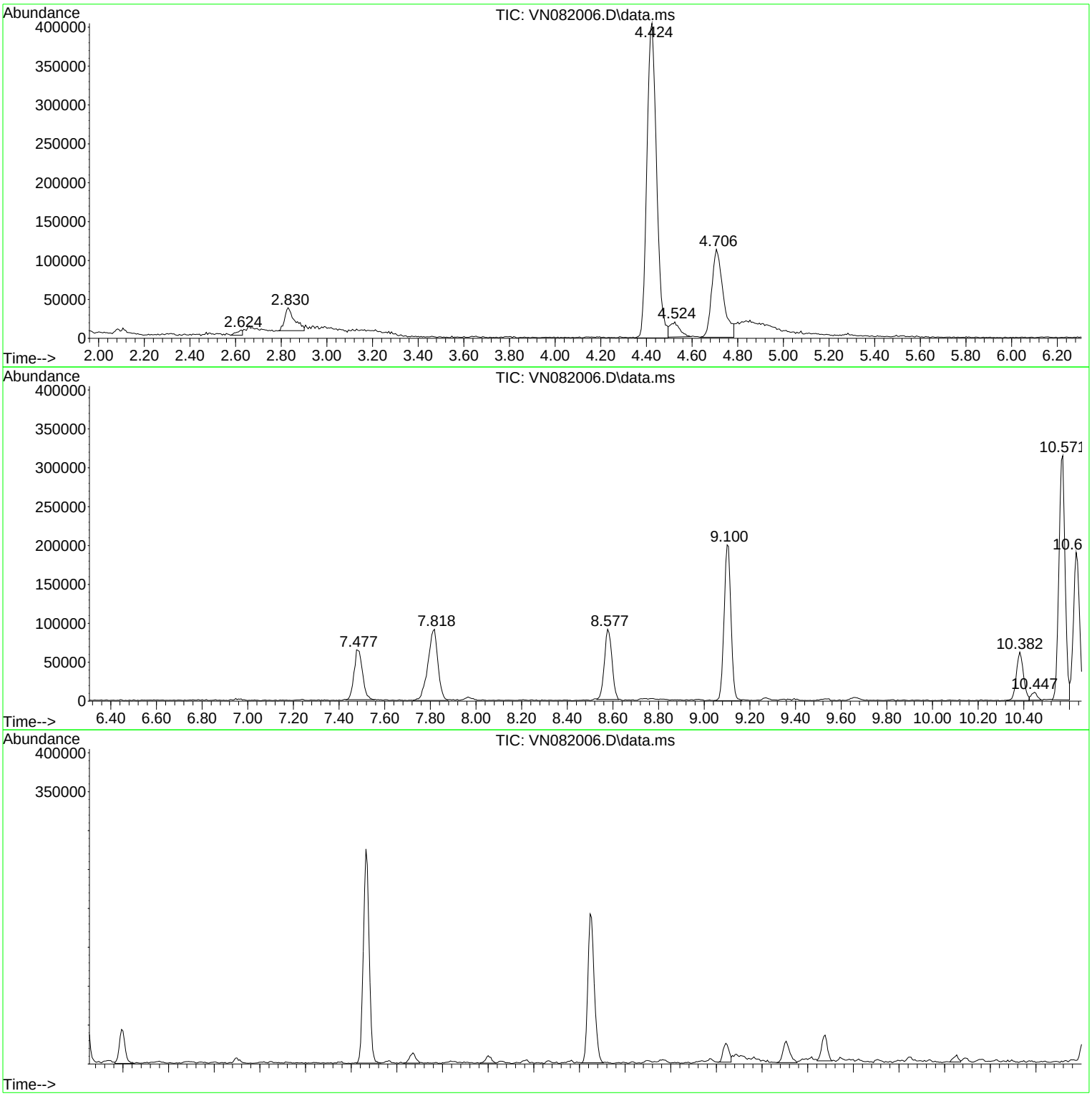
Sum of corrected areas: 5062449

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.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\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

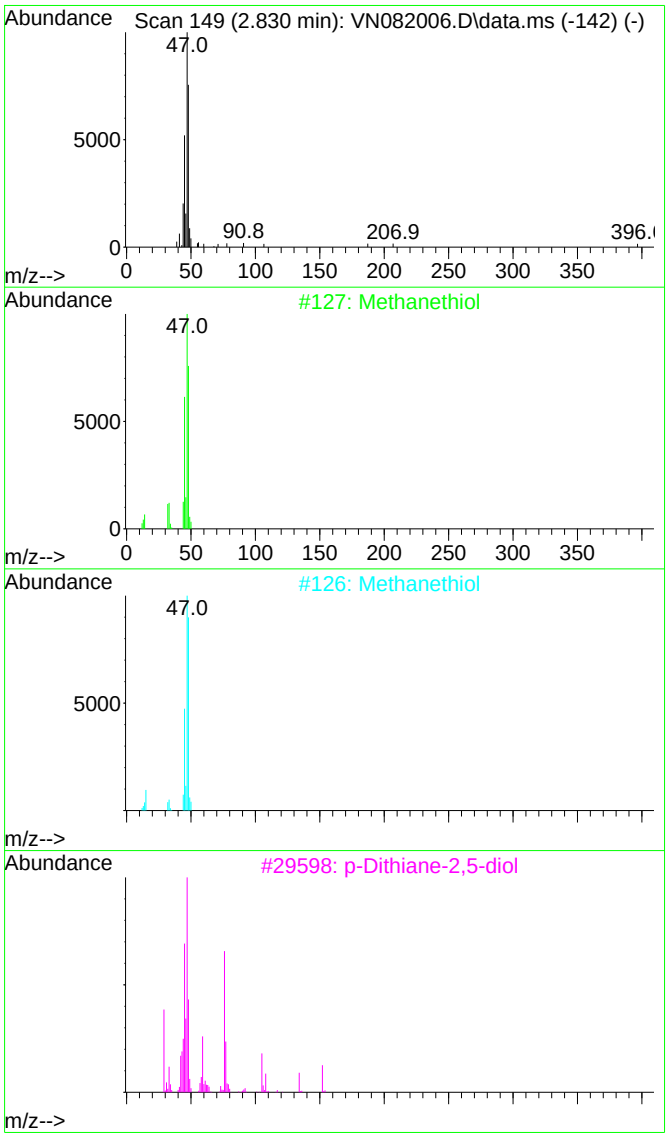
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

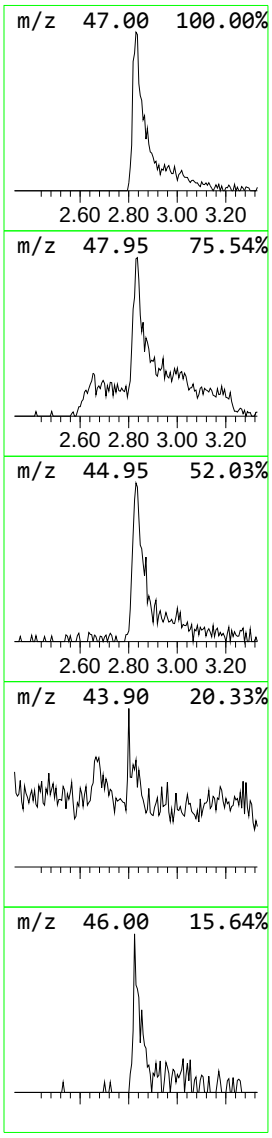
****

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.830	9.57 ug/l	88242	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	86
2	Methanethiol	48	CH4S	000074-93-1	86
3	p-Dithiane-2,5-diol	152	C4H8O2S2	040018-26-6	33
4	Sparsomycin	361	C13H19N3O5S2	001404-64-4	9
5	Ethane, fluoro-	48	C2H5F	000353-36-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

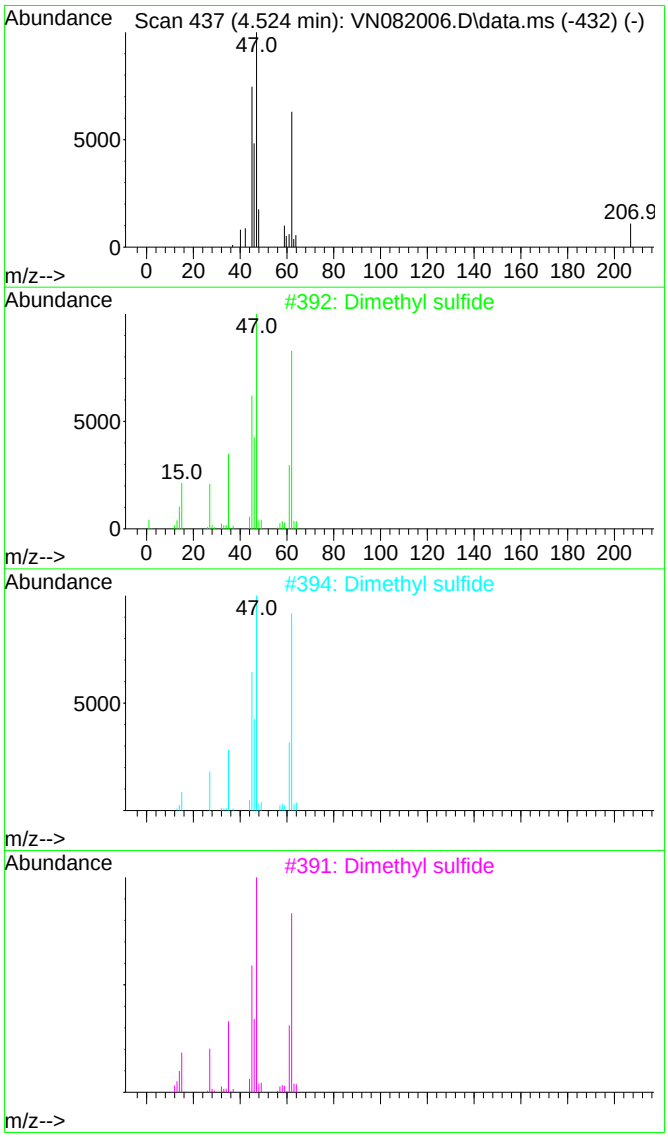
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

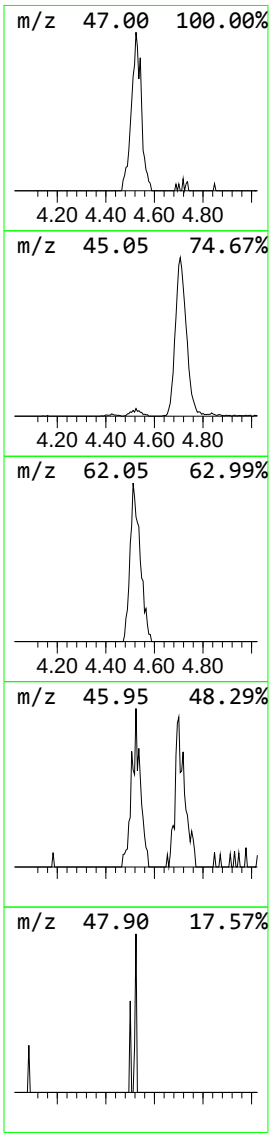
****

Peak Number 2 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	6.07 ug/l	55945	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	64
2	Dimethyl sulfide	62	C2H6S	000075-18-3	64
3	Dimethyl sulfide	62	C2H6S	000075-18-3	59
4	Sulfonium, dimethyl-, cyanonitro...	146	C4H6N2O2S	058992-18-0	39
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

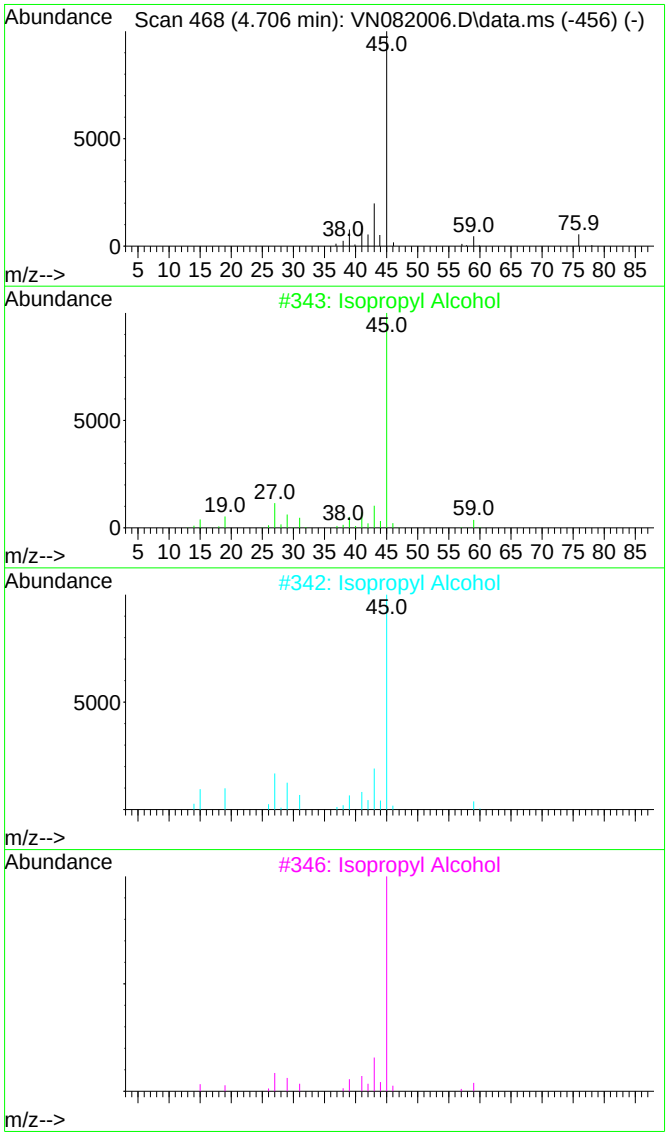
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

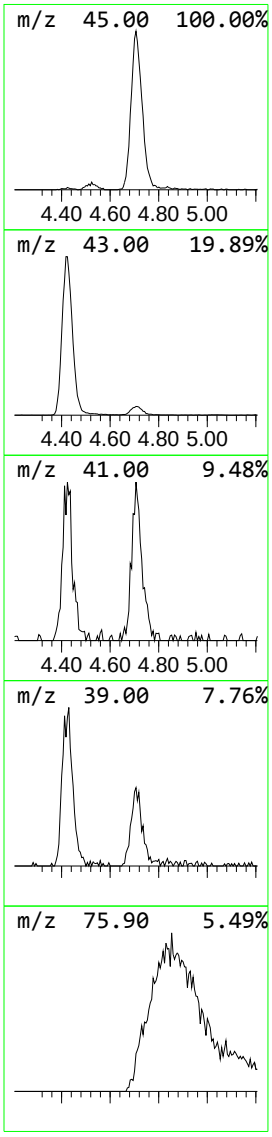
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.706	42.74 ug/l	394151	Bromochloromethane	7.812

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	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

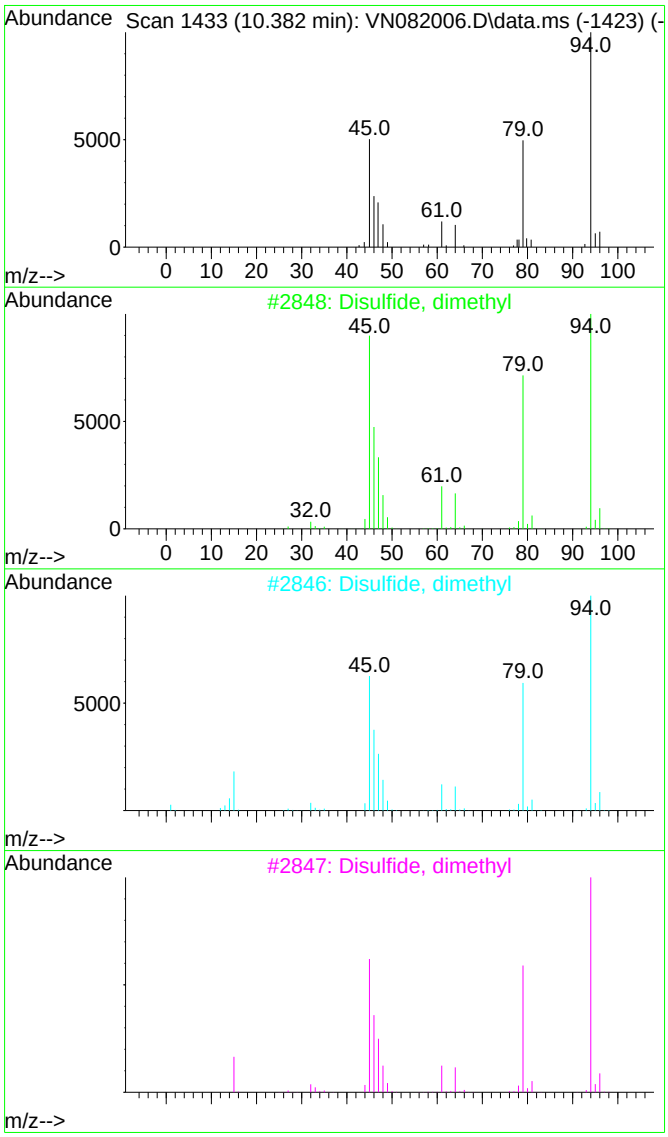
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

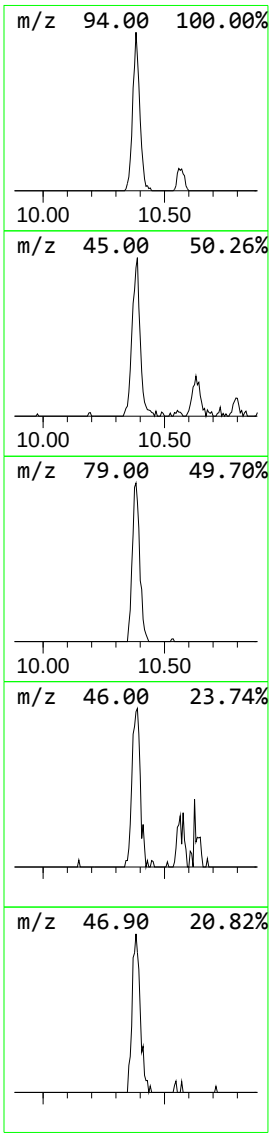
****

Peak Number 4 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.383	9.61 ug/l	134552	1,4-Difluorobenzene	9.106

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	87
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

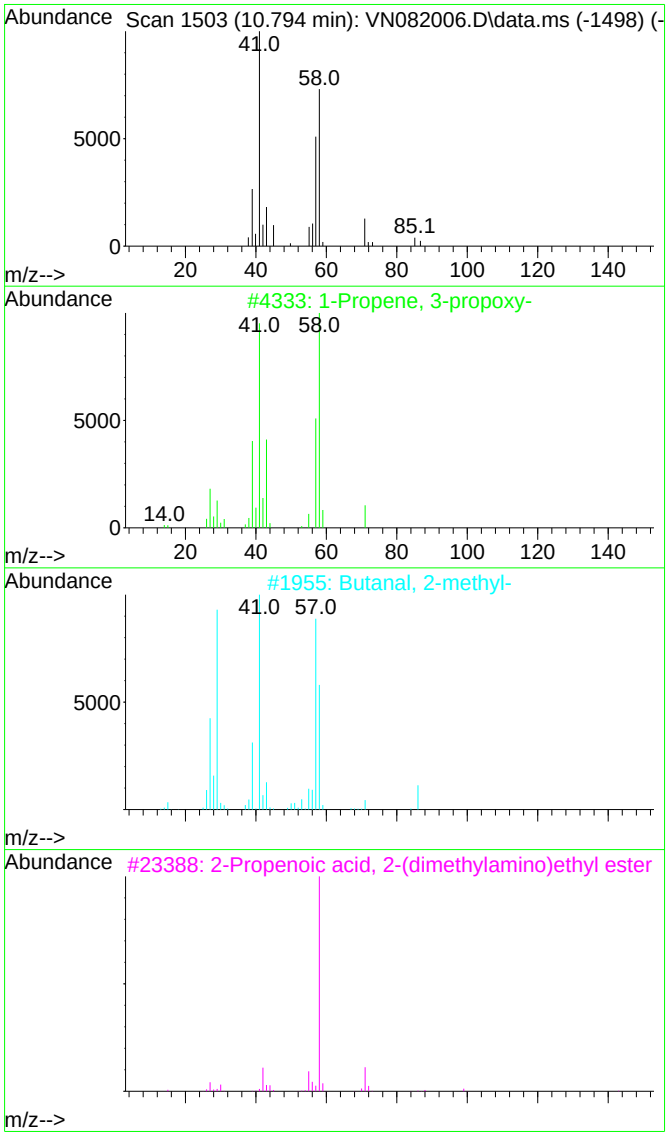
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

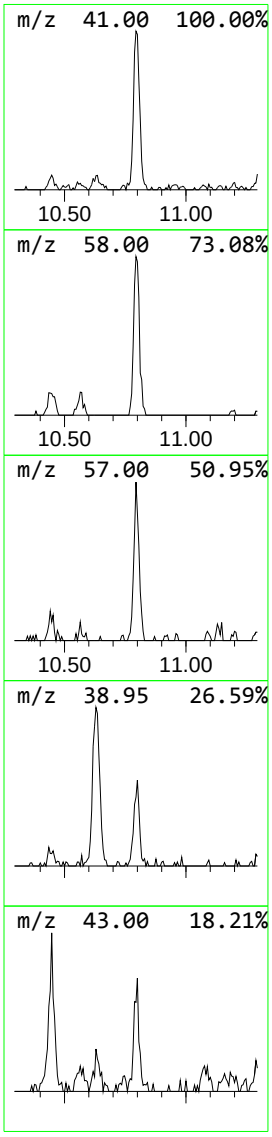
****

Peak Number 5 unknown10.794 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.794	4.63 ug/l	74935	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-propoxy-	100	C6H12O	001471-03-0	45
2	Butanal, 2-methyl-	86	C5H10O	000096-17-3	33
3	2-Propenoic acid, 2-(dimethylami...	143	C7H13NO2	002439-35-2	25
4	Butane, 1-(2-propenyloxy)-	114	C7H14O	003739-64-8	23
5	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

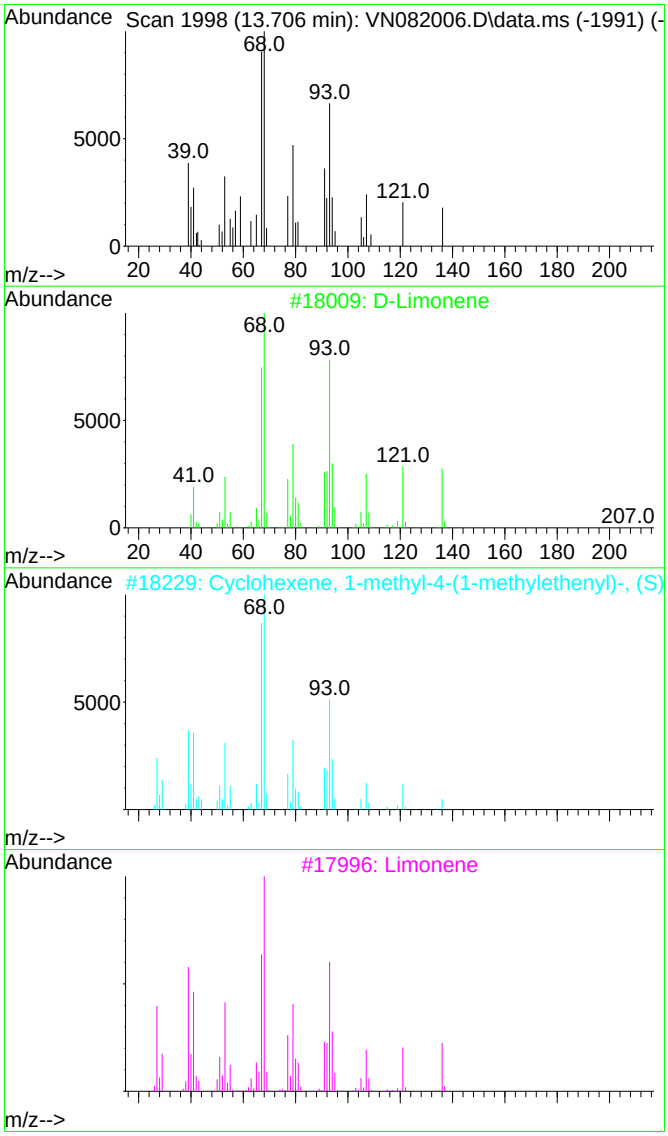
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

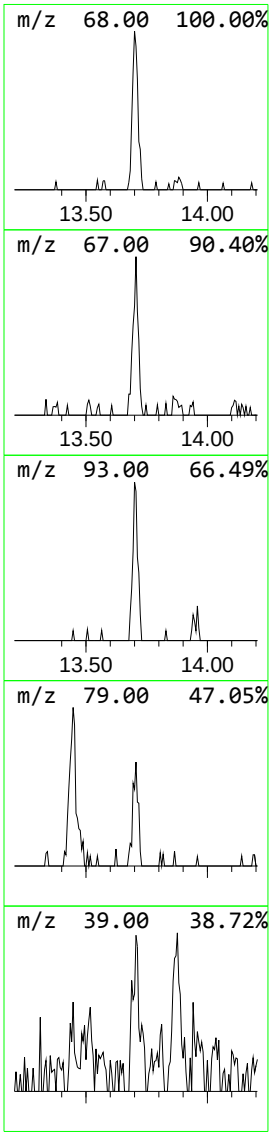
****

Peak Number 6 D-Limonene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.706	3.49 ug/l	56422	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	95
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	72
3	Limonene	136	C10H16	000138-86-3	70
4	Limonene	136	C10H16	000138-86-3	70
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

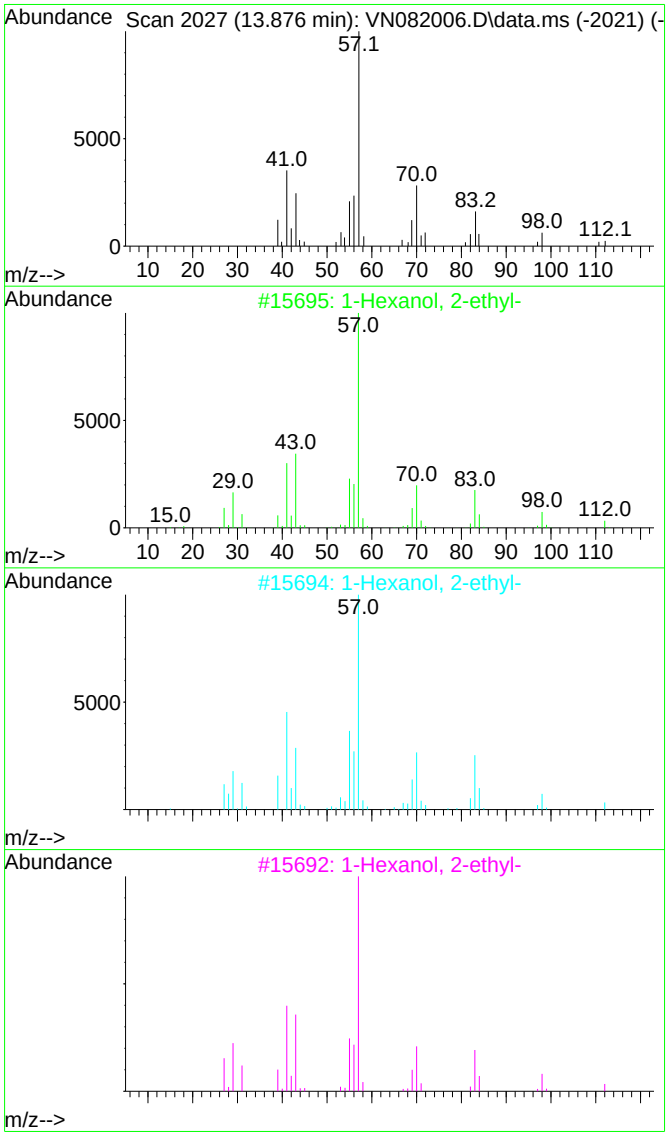
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

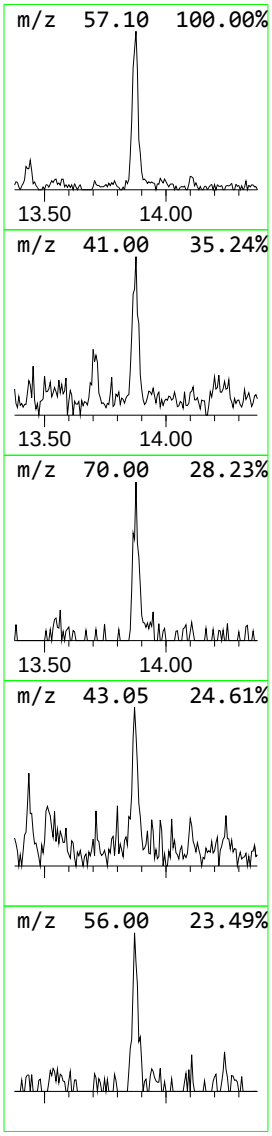
****

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	3.56 ug/l	57639	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	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082006.D
Acq On : 06 May 2024 13:46
Operator : JC\MD
Sample : P2382-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.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
Methanethiol	2.830	9.6	ug/l	88242	1	7.812	276667	30.0
Dimethyl sulfide	4.524	6.1	ug/l	55945	1	7.812	276667	30.0
Isopropyl Alcohol	4.706	42.7	ug/l	394151	1	7.812	276667	30.0
Disulfide, dime...	10.383	9.6	ug/l	134552	2	9.106	419915	30.0
unknown10.794	10.794	4.6	ug/l	74935	3	11.865	485349	30.0
D-Limonene	13.706	3.5	ug/l	56422	3	11.865	485349	30.0
1-Hexanol, 2-et...	13.876	3.6	ug/l	57639	3	11.865	485349	30.0