LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 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\624N042325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.666	114	121	129	rVB	48419	90209	7.94%	1.073%
2	2.842	140	151	162	rVB	75344	186157	16.39%	2.215%
3	3.783	302	311	324	rBV	35149	96227	8.47%	1.145%
4	4.289	385	397	407	rBV	8144	21784	1.92%	0.259%
5	4.418	407	419	431	rBV	350870	1055421	92.92%	12.559%
6	4.524	431	437	450	rVB2	27279	81778	7.20%	0.973%
7	4.707	455	468	496	rBV2	75593	275253	24.23%	3.275%
8	6.136	701	711	722	rBV3	6134	20032	1.76%	0.238%
9	6.718	799	810	818	rBV3	13671	42924	3.78%	0.511%
10	6.953	839	850	859	rBV3	6054	15889	1.40%	0.189%
11	7.477	930	939	949	rBV	73620	194177	17.10%	2.311%
12	7.559	949	953	963	rVB2	7927	17305	1.52%	0.206%
13	7.812	980	996	1007	rBV3	124762	416547	36.67%	4.957%
14	8.577	1110	1126	1135	rBV	147836	347056	30.55%	4.130%
15	8.971	1186	1193	1200	rVB4	6759	14798	1.30%	0.176%
16	9.095	1207	1214	1225	rBV	295215	604790	53.24%	7.197%
17	9.259	1236	1242	1253	rBV3	10687	26377	2.32%	0.314%
18	9.524	1280	1287	1294	rBV3	7169	15619	1.38%	0.186%
19	9.653	1303	1309	1318	rVB3	7488	19103	1.68%	0.227%
20	10.377	1422	1432	1438	rBV	54885	109139	9.61%	1.299%
21	10.441	1438	1443	1449	rVV2	35094	63253	5.57%	0.753%
22	10.500	1449	1453	1456	rVV3	7603	12502	1.10%	0.149%
23	10.565	1456	1464	1469	rVV	546175	1028509	90.55%	12.239%
24	10.630	1469	1475	1485	rVV	606349	1135869	100.00%	13.516%
25	10.730	1487	1492	1497	rVV	9869	18078	1.59%	0.215%
26	10.789	1497	1502	1508	rVB2	11989	19894	1.75%	0.237%
27	10.953	1520	1530	1536	rBV5	6692	16263	1.43%	0.194%
28	11.294	1578	1588	1594	rBV3	16626	28997	2.55%	0.345%
29	11.865	1675	1685	1695	rBV	389178	713614	62.83%	8.492%
30	11.959	1695	1701	1707	rVB	17586	29490	2.60%	0.351%
31	12.065	1707	1719	1728	rBB	73118	144309	12.70%	1.717%
32	12.230	1739	1747	1756	rVB3	10421	20874	1.84%	0.248%
33	12.394	1765	1775	1780	rBV	35207	64213	5.65%	0.764%
34	12.459	1780	1786	1792	rVB	22135	37388	3.29%	0.445%
35	12.535	1792	1799	1808	rBV	23251	47520	4.18%	0.565%
36	12.847	1844	1852	1863	rBV	368792	629212	55.39%	7.487%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 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\624N042325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	13.306	1925	1930	1936	rBV6	5317	12705	1.12%	0.151%
38	13.371	1936	1941	1947	rVB2	14140	24768	2.18%	0.295%
39	13.441	1947	1953	1958	rBV2	50950	92916	8.18%	1.106%
40	13.506	1958	1964	1969	rVV3	52553	100018	8.81%	1.190%
41	13.565	1969	1974	1982	rVB6	17719	43324	3.81%	0.516%
42	13.700	1992	1997	2005	rBV5	20726	49262	4.34%	0.586%
43	13.777	2005	2010	2013	rVV3	9626	17537	1.54%	0.209%
44	13.818	2013	2017	2020	rVV3	13247	23904	2.10%	0.284%
45	13.871	2020	2026	2034	rVB	116094	191744	16.88%	2.282%
46	14.100	2061	2065	2070	rBV2	9991	15838	1.39%	0.188%
47	14.241	2083	2089	2095	rBV7	21621	41648	3.67%	0.496%
48	14.441	2117	2123	2127	rBV6	9229	19944	1.76%	0.237%
49	14.488	2127	2131	2137	rVB2	58293	90769	7.99%	1.080%
50	14.959	2201	2211	2214	rBV4	8979	18915	1.67%	0.225%

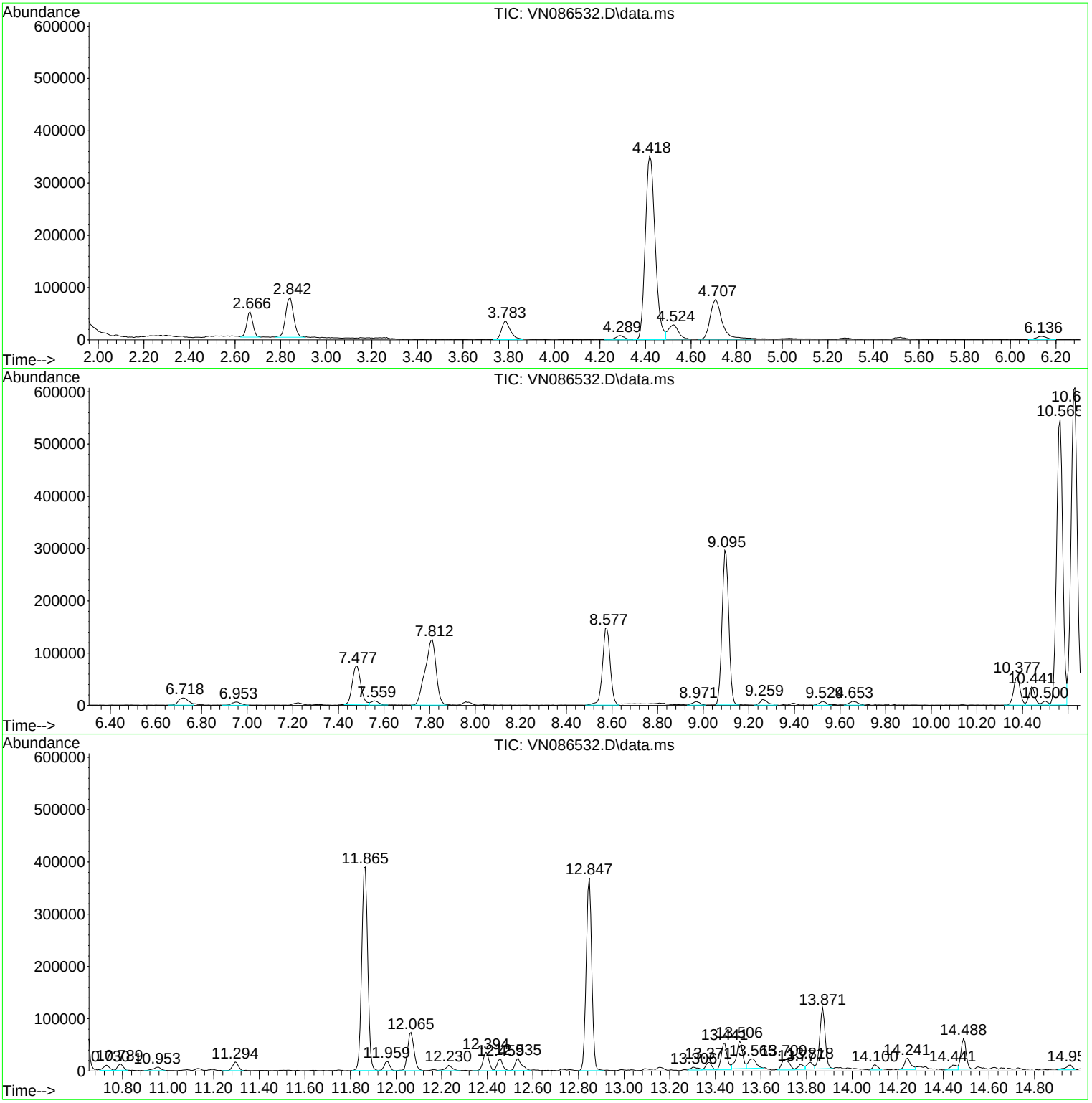
Sum of corrected areas: 8403862

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.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\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

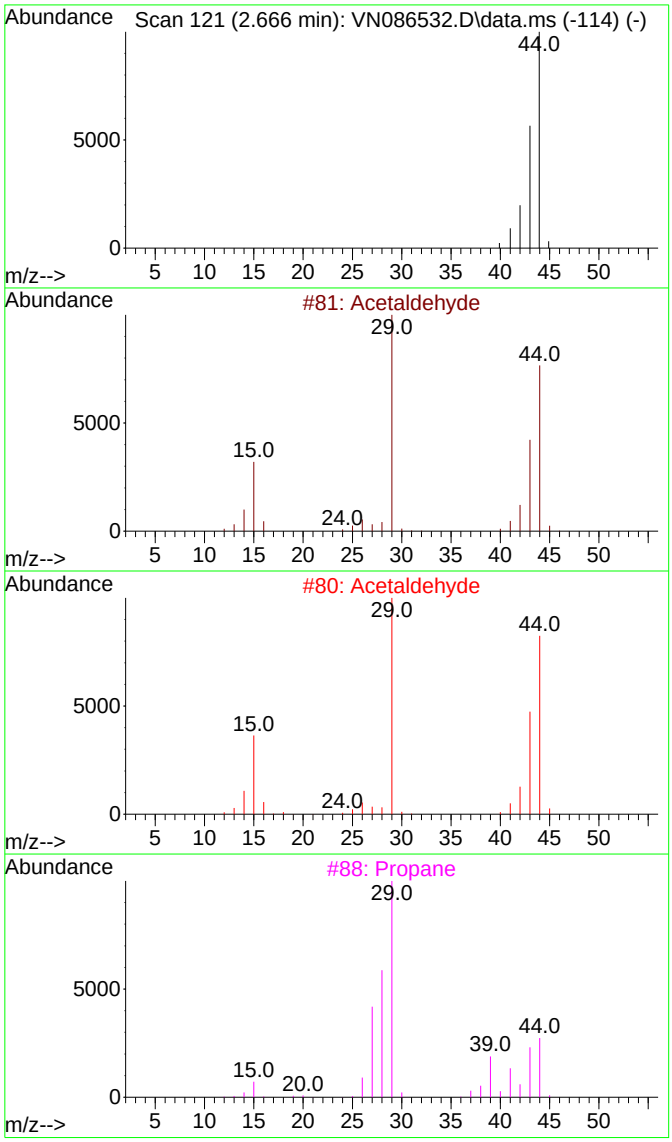
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

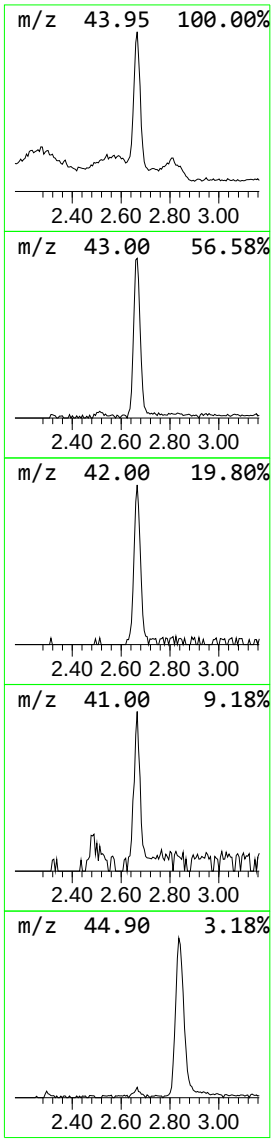
****

Peak Number 1 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.666	6.50 ug/l	90209	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

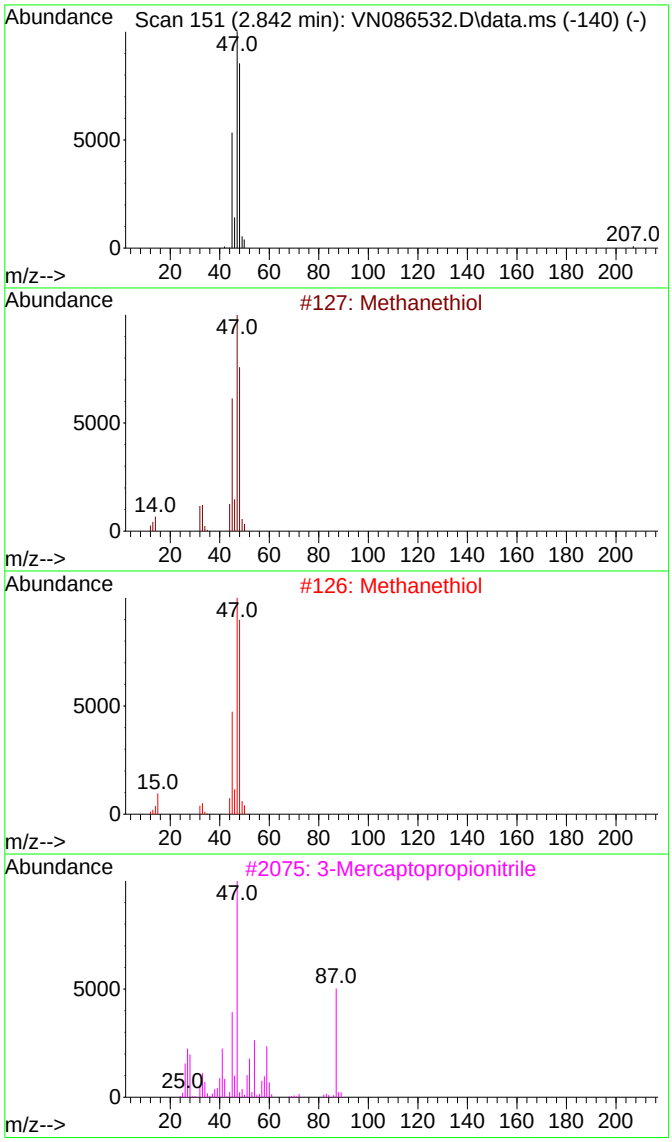
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

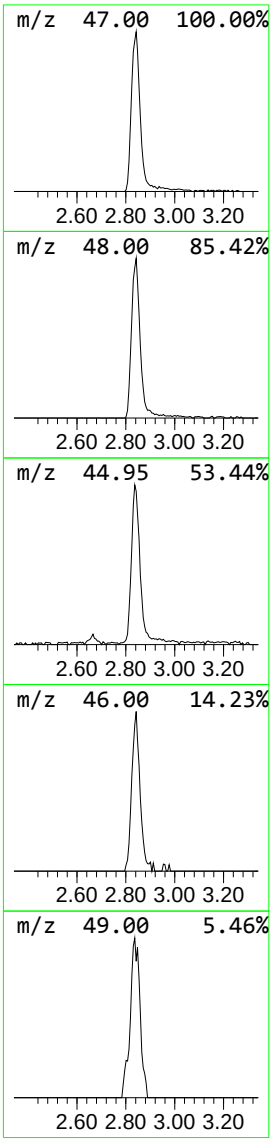
****

Peak Number 2 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.842	13.41 ug/l	186157	Bromochloromethane	7.812

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	3-Mercaptopropionitrile	87	C3H5NS	001001-58-7	28
4	Methional	104	C4H8OS	003268-49-3	9
5	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

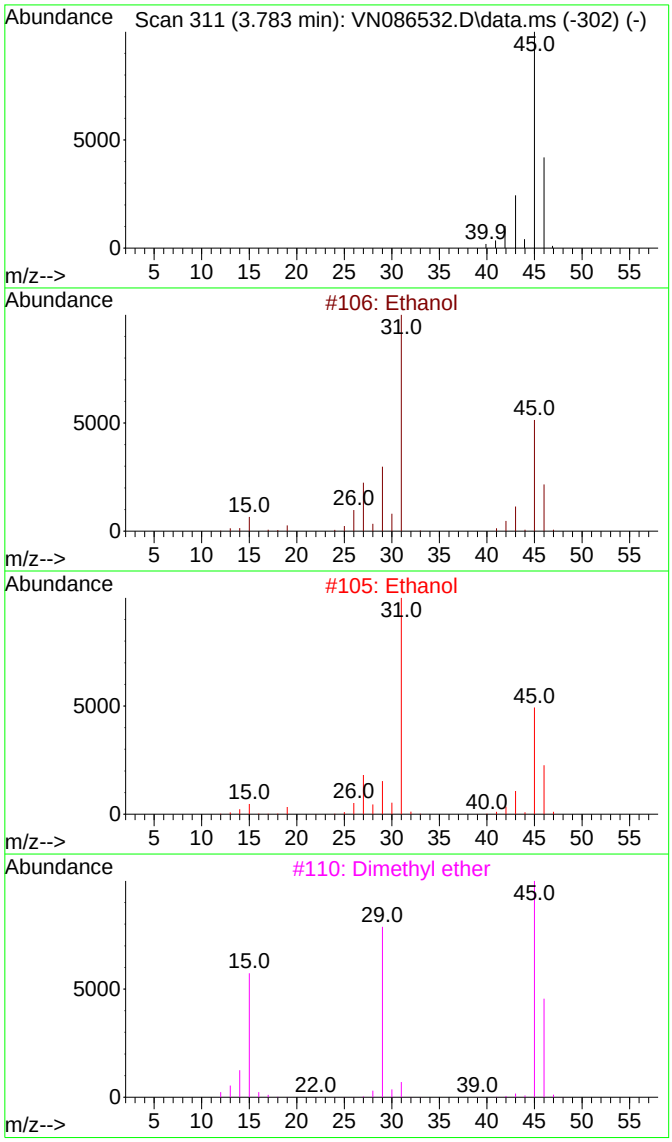
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

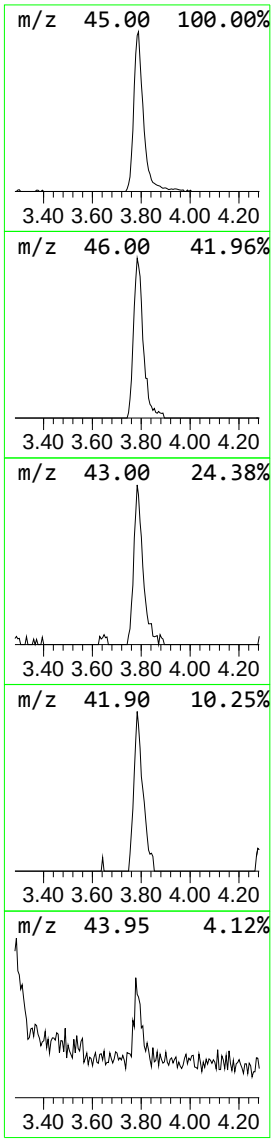
****

Peak Number 3 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.783	6.93 ug/l	96227	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	64
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Ethanol	46	C2H6O	000064-17-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

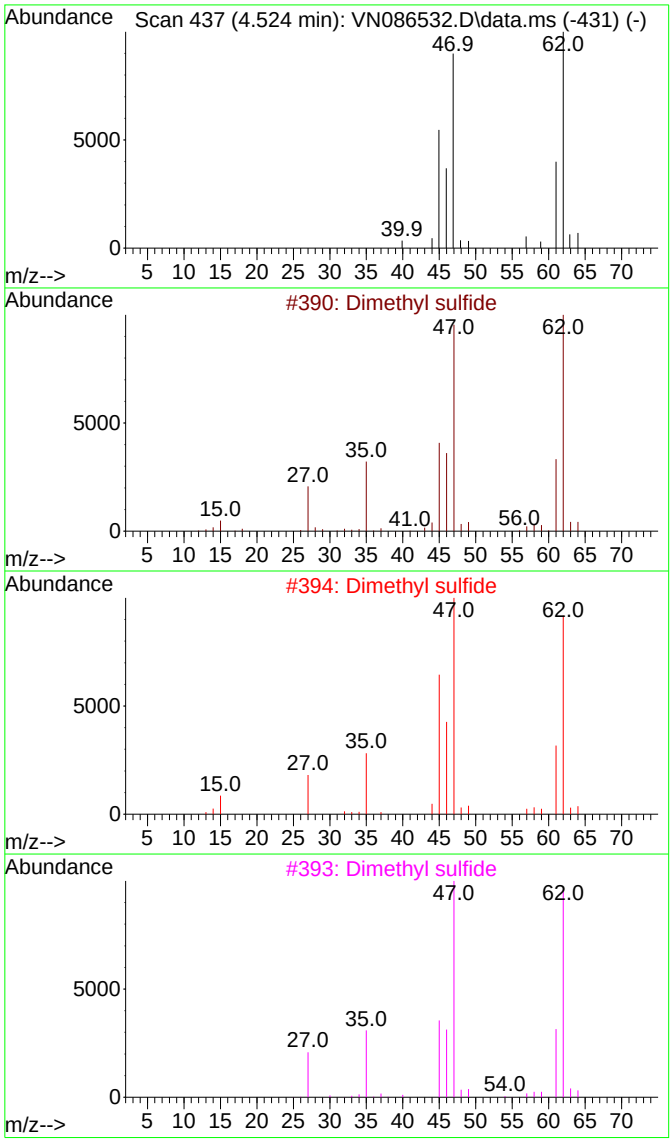
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

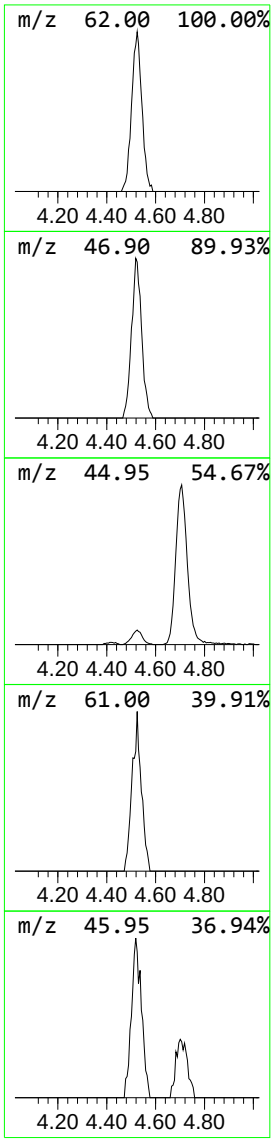
****

Peak Number 4 Dimethyl sulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	5.89 ug/l	81778	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

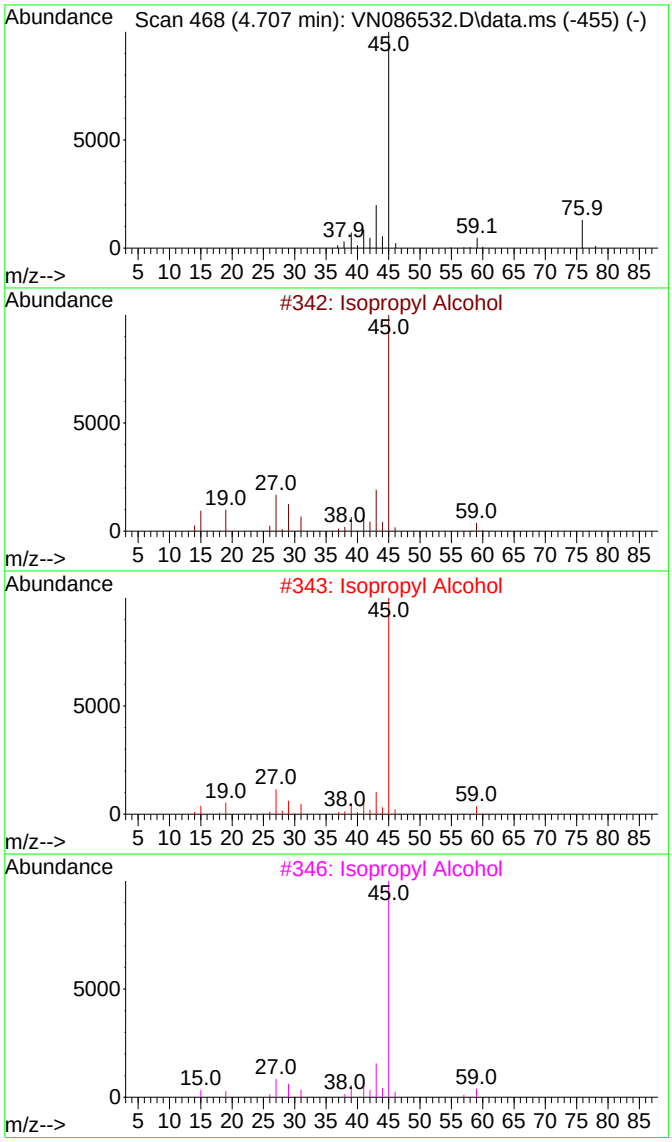
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

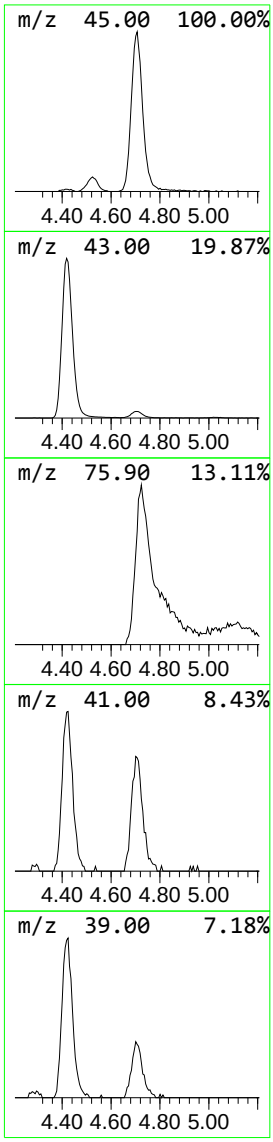
****

Peak Number 5 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.707	19.82 ug/l	275253	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	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

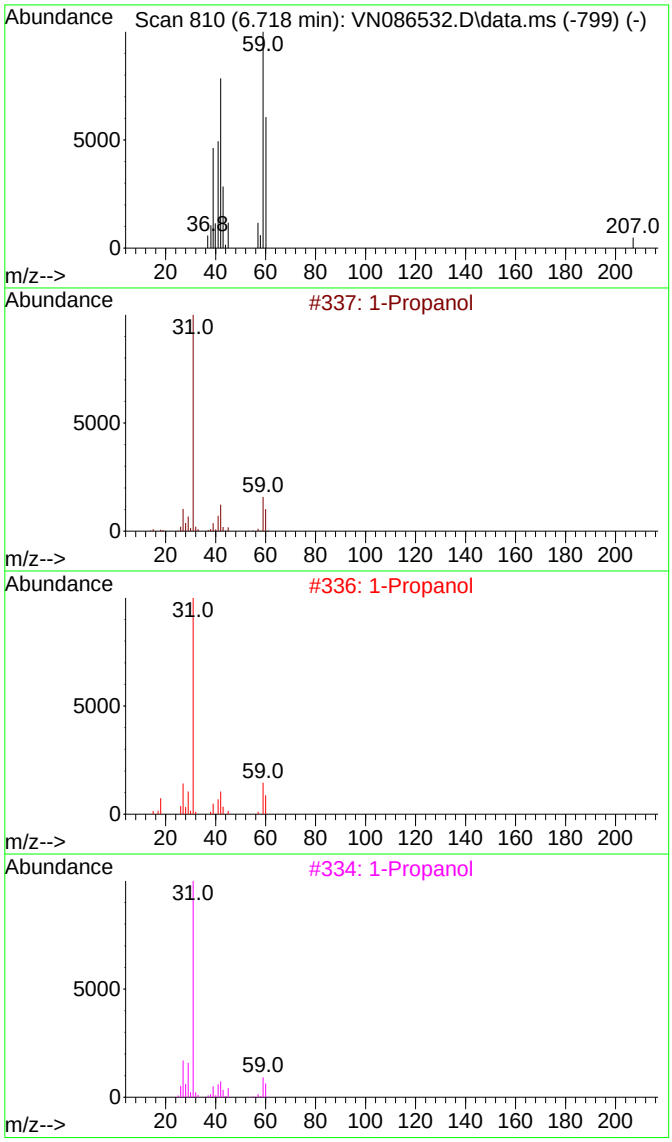
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

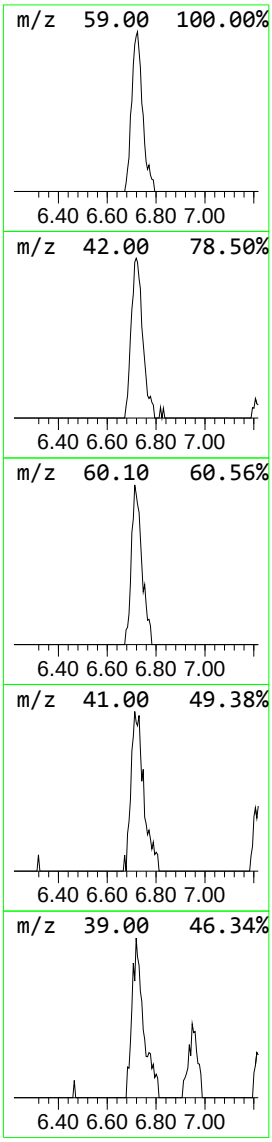
****

Peak Number 6 1-Propanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.718	3.09 ug/l	42924	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	64
2	1-Propanol	60	C3H8O	000071-23-8	59
3	1-Propanol	60	C3H8O	000071-23-8	59
4	2-Fluoropropene	60	C3H5F	001184-60-7	50
5	2-Fluoropropene	60	C3H5F	001184-60-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

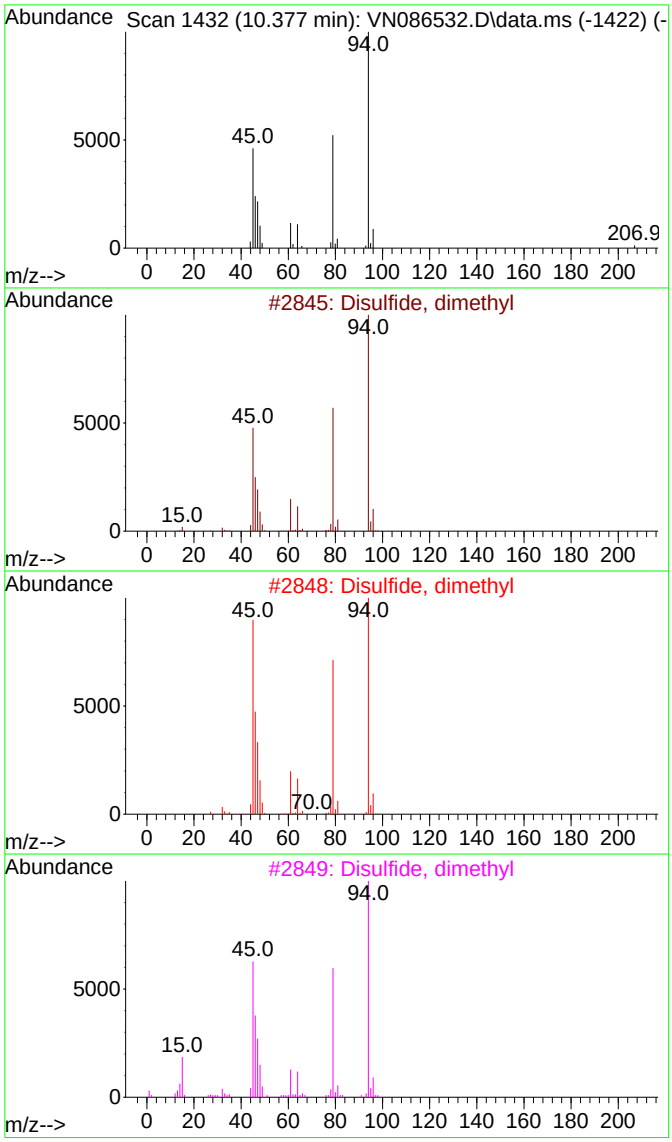
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

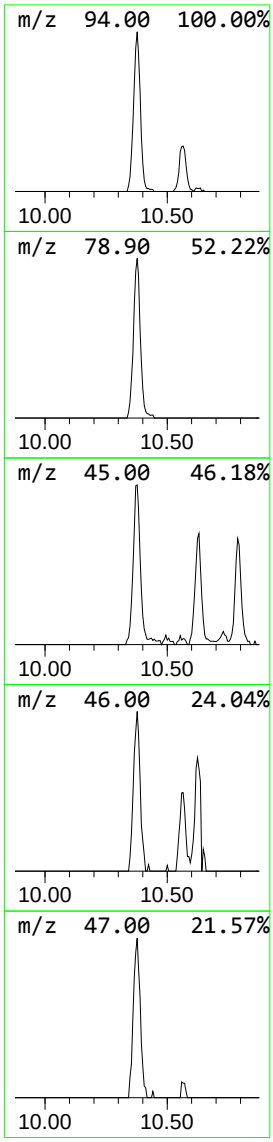
****

Peak Number 7 Disulfide, dimethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.377	5.41 ug/l	109139	1,4-Difluorobenzene	9.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
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	91
5	Dimethyl sulfone	94	C2H6O2S	000067-71-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

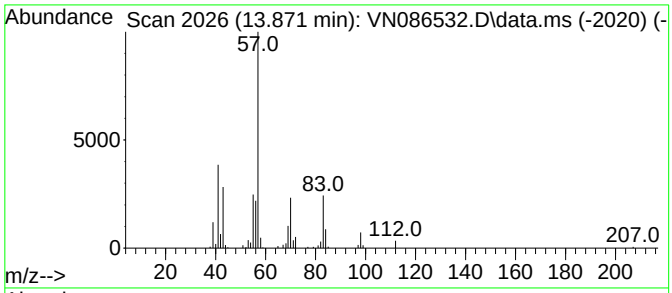
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

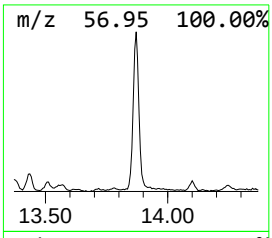
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

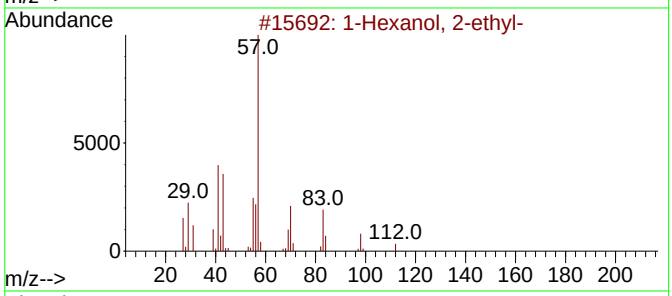
****
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 3

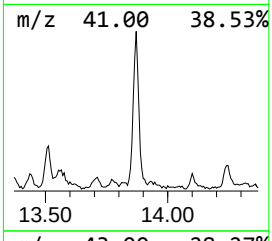
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	8.06 ug/l	191744	Chlorobenzene-d5	11.865

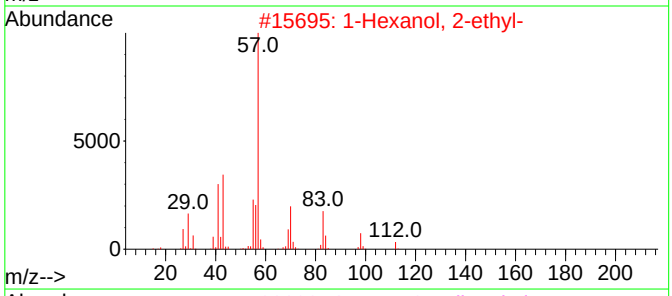
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53

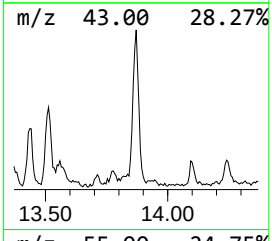


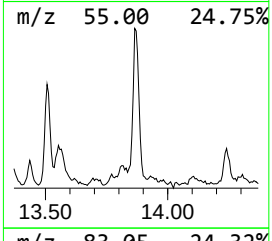


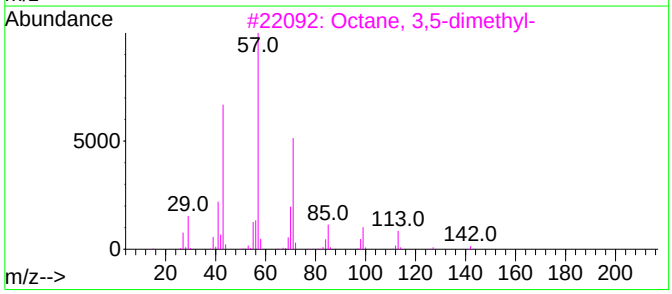


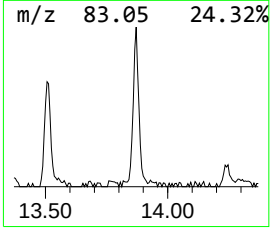












Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

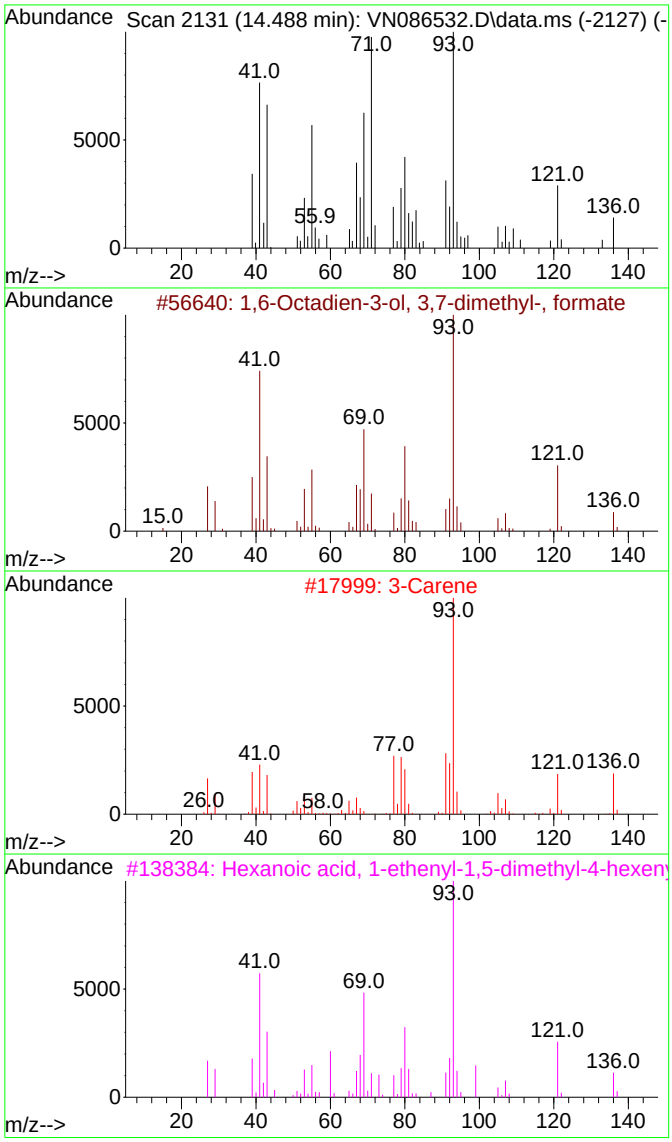
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

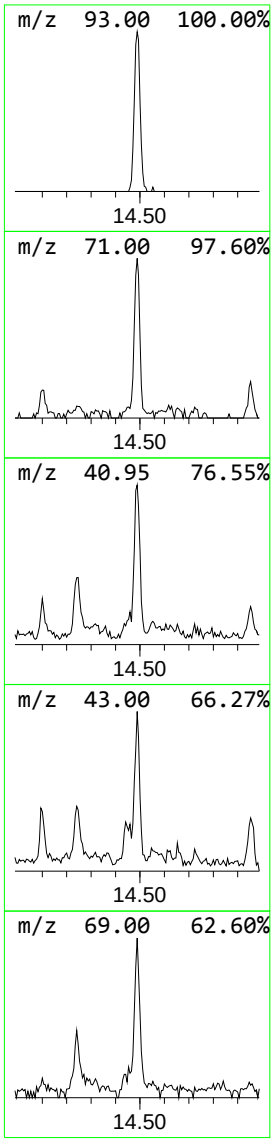
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,6-Octadien-3-ol, 3,7-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	3.82 ug/l	90769	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadien-3-ol, 3,7-dimethyl-...	182	C11H18O2	000115-99-1	52
2	3-Carene	136	C10H16	013466-78-9	50
3	Hexanoic acid, 1-ethenyl-1,5-dim...	252	C16H28O2	007779-23-9	49
4	1,6-Octadien-3-ol, 3,7-dimethyl-...	210	C13H22O2	000144-39-8	46
5	(+)-3-Carene	136	C10H16	000498-15-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086532.D
Acq On : 07 May 2025 13:20
Operator : JC\MD
Sample : Q1949-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.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
Acetaldehyde	2.666	6.5	ug/l	90209	1	7.812	416547	30.0
Methanethiol	2.842	13.4	ug/l	186157	1	7.812	416547	30.0
Ethanol	3.783	6.9	ug/l	96227	1	7.812	416547	30.0
Dimethyl sulfide	4.524	5.9	ug/l	81778	1	7.812	416547	30.0
Isopropyl Alcohol	4.707	19.8	ug/l	275253	1	7.812	416547	30.0
1-Propanol	6.718	3.1	ug/l	42924	1	7.812	416547	30.0
Disulfide, dime...	10.377	5.4	ug/l	109139	2	9.095	604790	30.0
1-Hexanol, 2-et...	13.871	8.1	ug/l	191744	3	11.865	713614	30.0
1,6-Octadien-3-...	14.488	3.8	ug/l	90769	3	11.865	713614	30.0