LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(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: VN086533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.665	115	121	128	rVB	48628	87540	7.76%	1.104%
2	2.830	140	149	163	rVB3	80277	206087	18.26%	2.598%
3	3.789	303	312	328	rBV2	39595	108994	9.66%	1.374%
4	4.289	389	397	408	rBV	7247	21033	1.86%	0.265%
5	4.418	408	419	431	rBV	366526	1091362	96.71%	13.758%
6	4.524	431	437	446	rVB	26443	75722	6.71%	0.955%
7	4.706	456	468	486	rBV3	81159	291420	25.82%	3.674%
8	6.141	703	712	721	rVB3	6413	20356	1.80%	0.257%
9	6.724	799	811	828	rBV3	15291	49555	4.39%	0.625%
10	6.953	842	850	858	rVB5	5790	15070	1.34%	0.190%
11	7.483	930	940	948	rBV	74354	194827	17.26%	2.456%
12	7.559	948	953	963	rVB	7637	19453	1.72%	0.245%
13	7.806	980	995	1005	rBV3	100019	360711	31.96%	4.547%
14	7.959	1013	1021	1030	rVB5	6684	18733	1.66%	0.236%
15	8.577	1108	1126	1135	rBV	114189	274762	24.35%	3.464%
16	8.971	1186	1193	1201	rVB5	6666	16462	1.46%	0.208%
17	9.100	1205	1215	1227	rBV	228143	469851	41.63%	5.923%
18	9.265	1237	1243	1251	rBV	12282	26824	2.38%	0.338%
19	9.524	1277	1287	1294	rBV2	7238	15747	1.40%	0.199%
20	9.653	1303	1309	1318	rVB2	6996	17978	1.59%	0.227%
21	10.376	1423	1432	1438	rBV	74636	144284	12.79%	1.819%
22	10.441	1438	1443	1449	rVV	36784	66536	5.90%	0.839%
23	10.500	1449	1453	1457	rVV3	8116	15929	1.41%	0.201%
24	10.565	1457	1464	1469	rVV	427728	809796	71.76%	10.208%
25	10.623	1469	1474	1486	rVV	612813	1128539	100.00%	14.226%
26	10.729	1486	1492	1498	rVV	10174	20649	1.83%	0.260%
27	10.788	1498	1502	1510	rVB	13896	23545	2.09%	0.297%
28	10.953	1520	1530	1536	rBV4	7798	17732	1.57%	0.224%
29	11.294	1583	1588	1594	rBV4	17026	29175	2.59%	0.368%
30	11.865	1674	1685	1693	rBV	316922	573173	50.79%	7.225%
31	11.959	1696	1701	1707	rVB2	18029	31058	2.75%	0.392%
32	12.065	1709	1719	1730	rVB	77484	151243	13.40%	1.907%
33	12.235	1739	1748	1755	rVB3	10985	22434	1.99%	0.283%
34	12.394	1765	1775	1781	rBV	37050	68816	6.10%	0.867%
35	12.453	1781	1785	1793	rVB	24147	41078	3.64%	0.518%
36	12.529	1793	1798	1808	rBV2	22929	49285	4.37%	0.621%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(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	12.847	1845	1852	1860	rBV	295487	507688	44.99%	6.400%
38	13.159	1901	1905	1911	rVB4	7592	14283	1.27%	0.180%
39	13.300	1924	1929	1937	rBV5	5707	12649	1.12%	0.159%
40	13.370	1937	1941	1946	rVB3	16252	26426	2.34%	0.333%
41	13.435	1946	1952	1957	rBV3	48767	86140	7.63%	1.086%
42	13.506	1957	1964	1969	rVV3	54756	104597	9.27%	1.319%
43	13.564	1969	1974	1981	rVB6	17377	42022	3.72%	0.530%
44	13.706	1990	1998	2006	rBV8	25823	61099	5.41%	0.770%
45	13.776	2006	2010	2013	rVV4	10985	20513	1.82%	0.259%
46	13.817	2013	2017	2021	rVV4	20104	45377	4.02%	0.572%
47	13.870	2021	2026	2034	rVB	137718	226711	20.09%	2.858%
48	14.100	2060	2065	2075	rBV4	13677	27069	2.40%	0.341%
49	14.241	2084	2089	2095	rBV4	25049	43752	3.88%	0.552%
50	14.447	2117	2124	2126	rBV5	10750	20414	1.81%	0.257%
51	14.488	2126	2131	2138	rVB	65919	103765	9.19%	1.308%
52	14.953	2206	2210	2214	rVB3	10281	14525	1.29%	0.183%

Sum of corrected areas: 7932789

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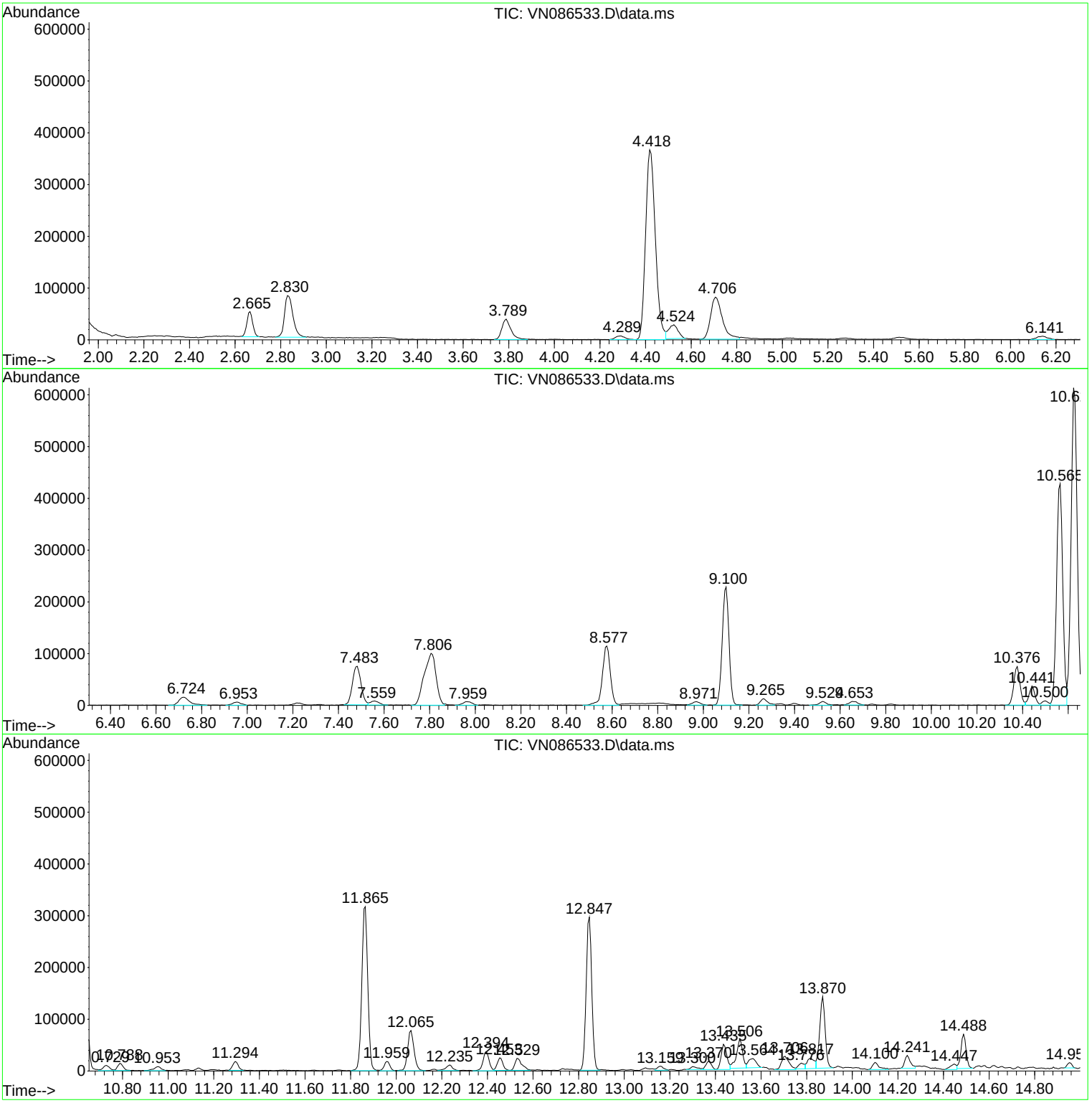
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(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 : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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

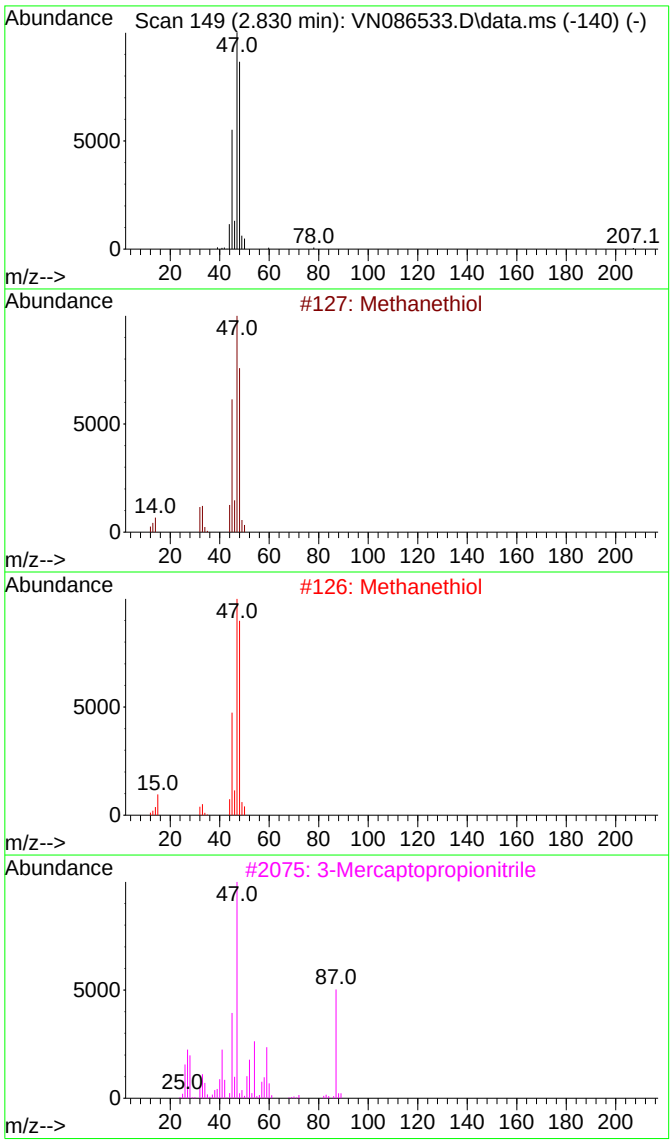
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

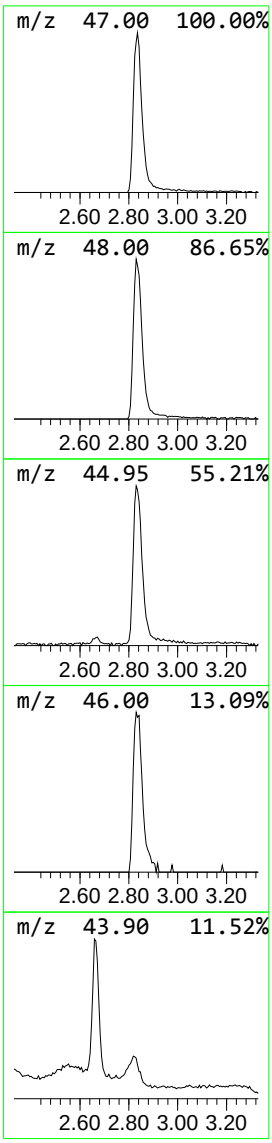
****

Peak Number 2 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.830	17.14 ug/l	206087	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	3-Mercaptopropionitrile	87	C3H5NS	001001-58-7	25
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	9
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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

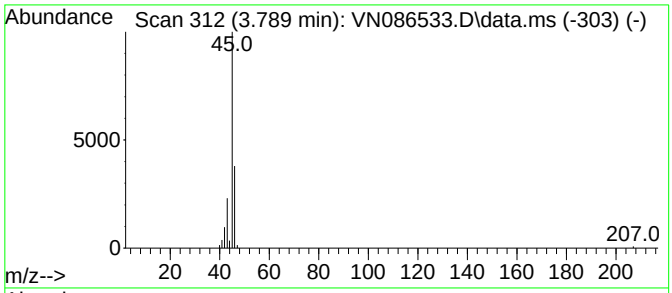
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

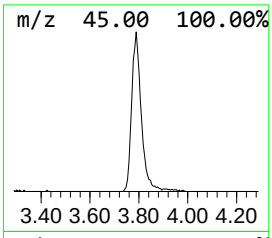
****

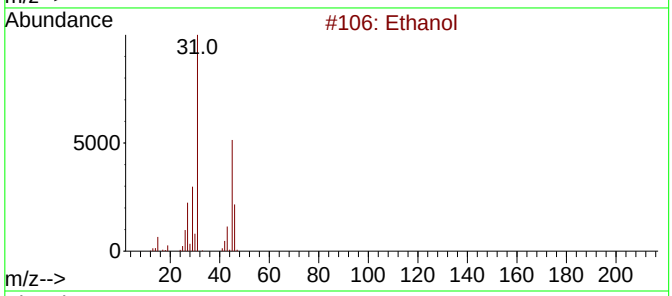
Peak Number 3 Ethanol Concentration Rank 5

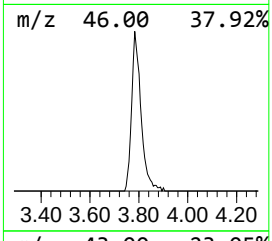
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	9.06 ug/l	108994	Bromochloromethane	7.806

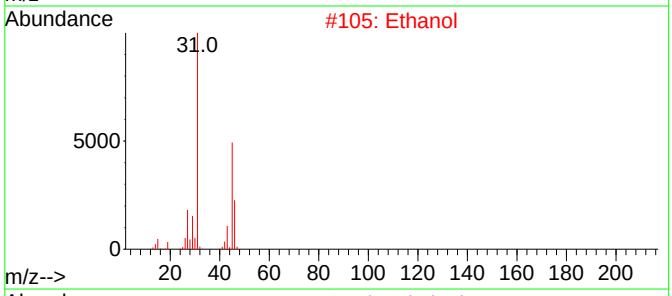
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	43
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Ethanol	46	C2H6O	000064-17-5	9

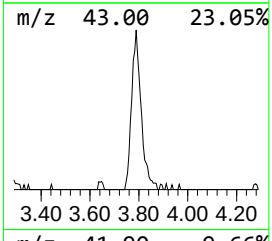


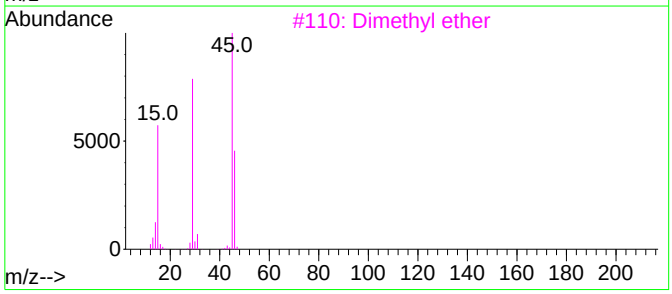


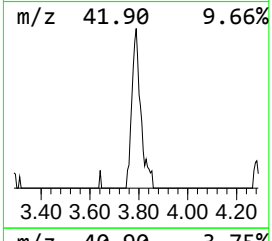


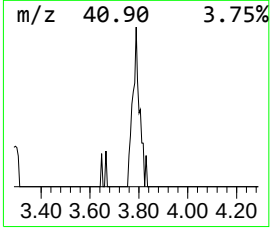












Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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

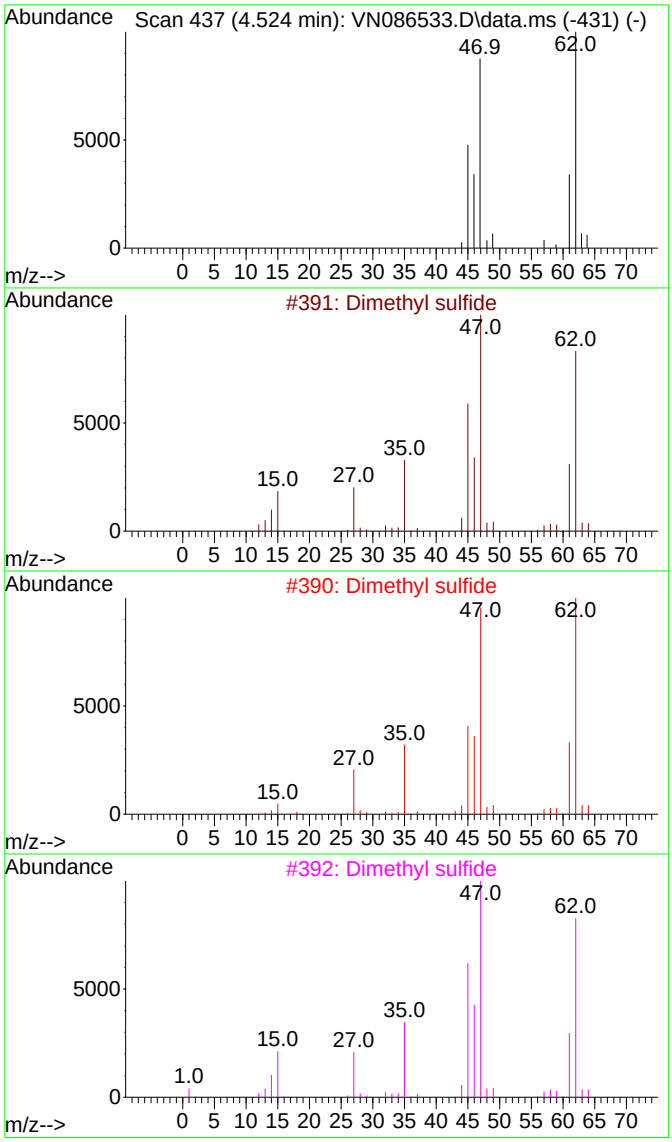
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

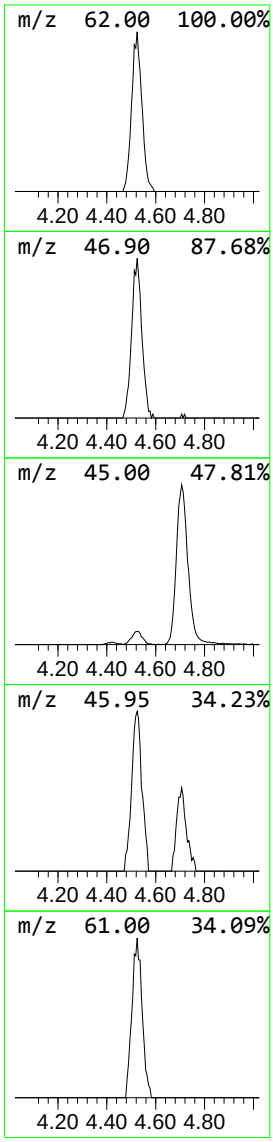
****

Peak Number 4 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	6.30 ug/l	75722	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
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	90
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

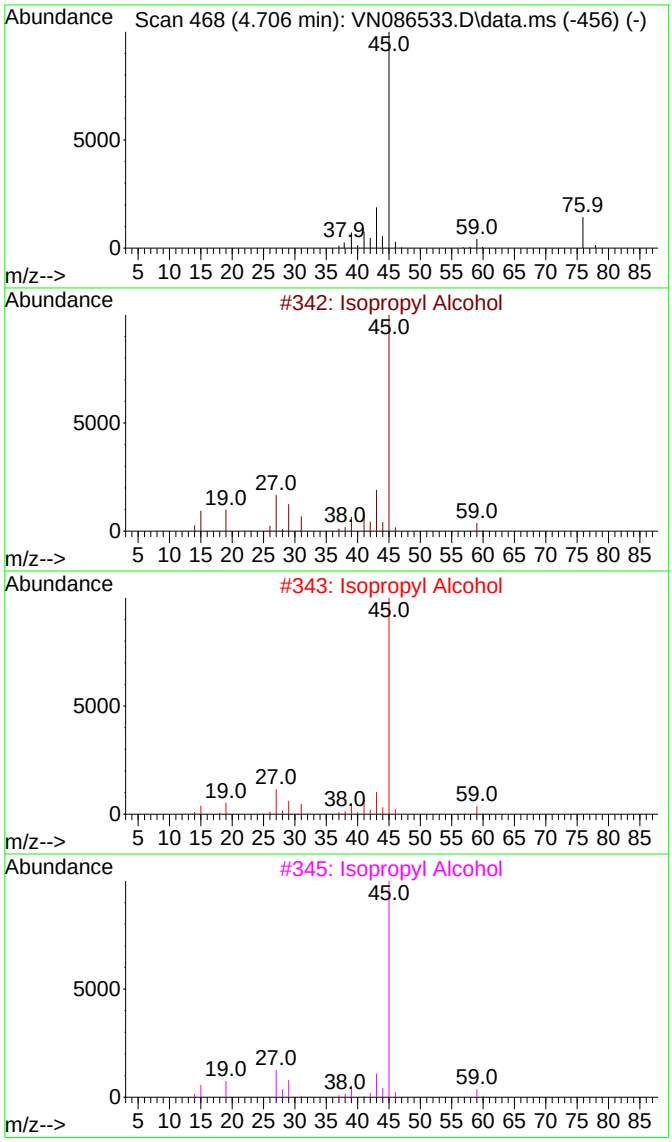
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

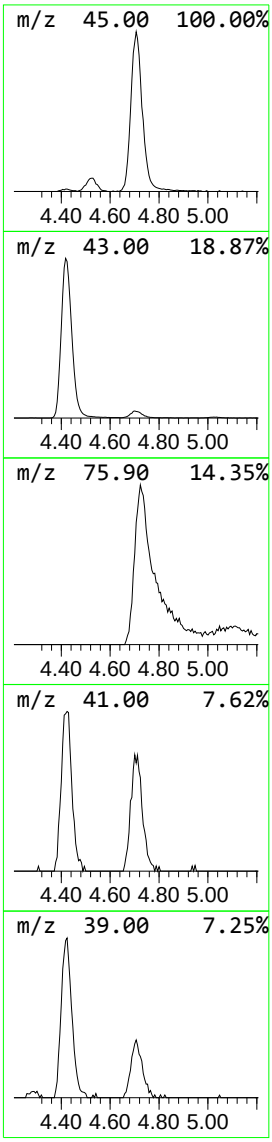
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.706	24.24 ug/l	291420	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	50
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	50





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Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

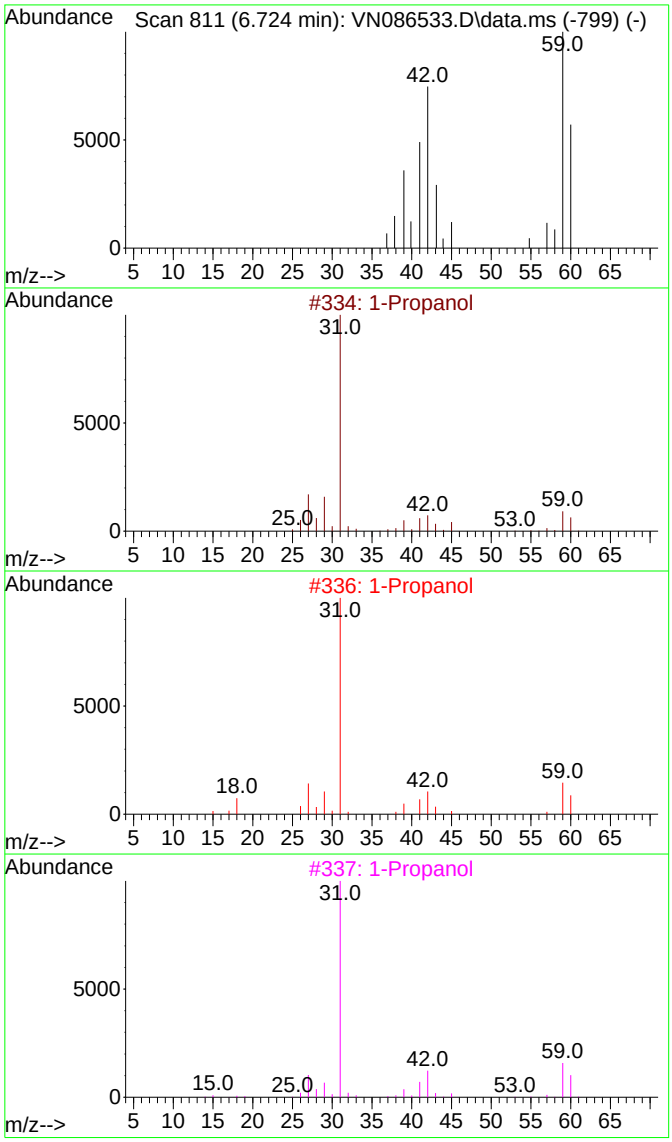
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

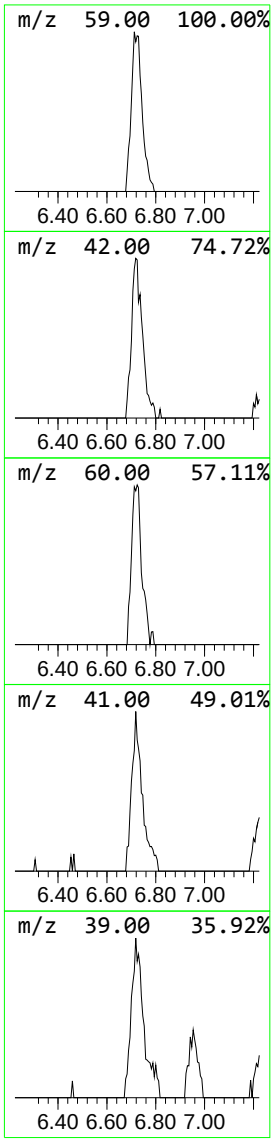
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Propanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.724	4.12 ug/l	49555	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	78
2	1-Propanol	60	C3H8O	000071-23-8	78
3	1-Propanol	60	C3H8O	000071-23-8	78
4	1-Propanol	60	C3H8O	000071-23-8	64
5	2-Fluoropropene	60	C3H5F	001184-60-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

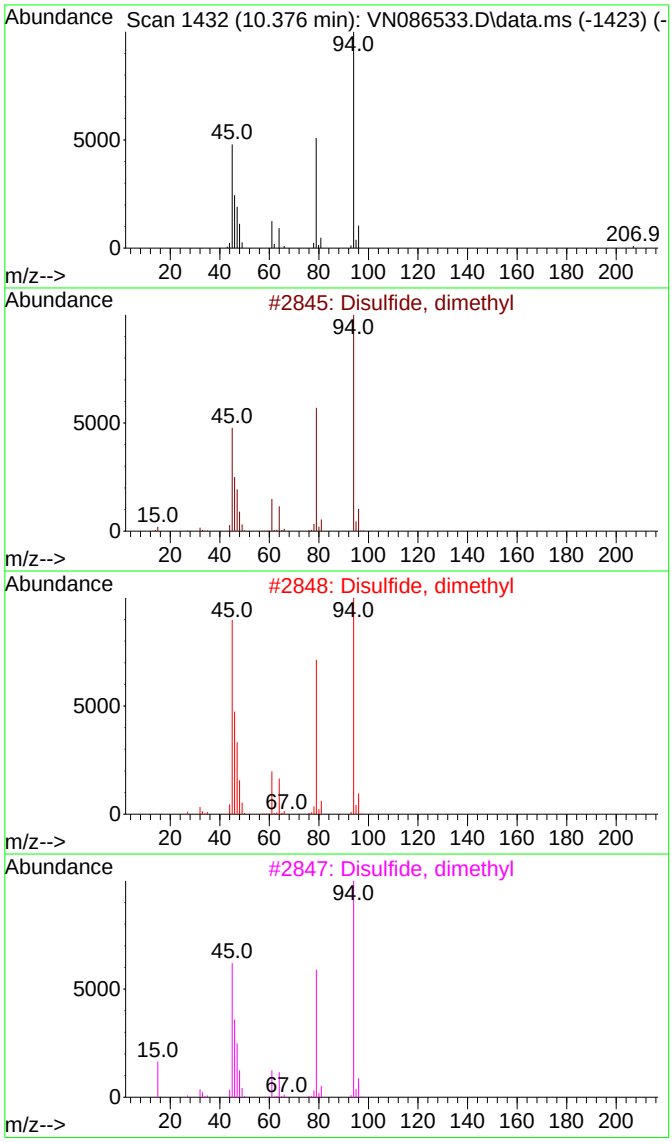
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

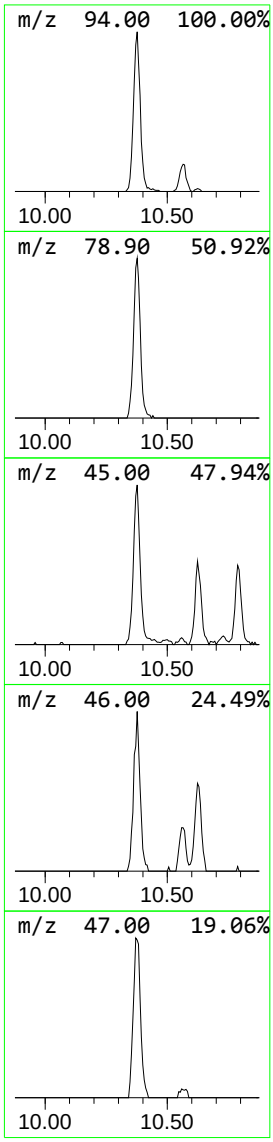
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Disulfide, dimethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.377	9.21 ug/l	144284	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

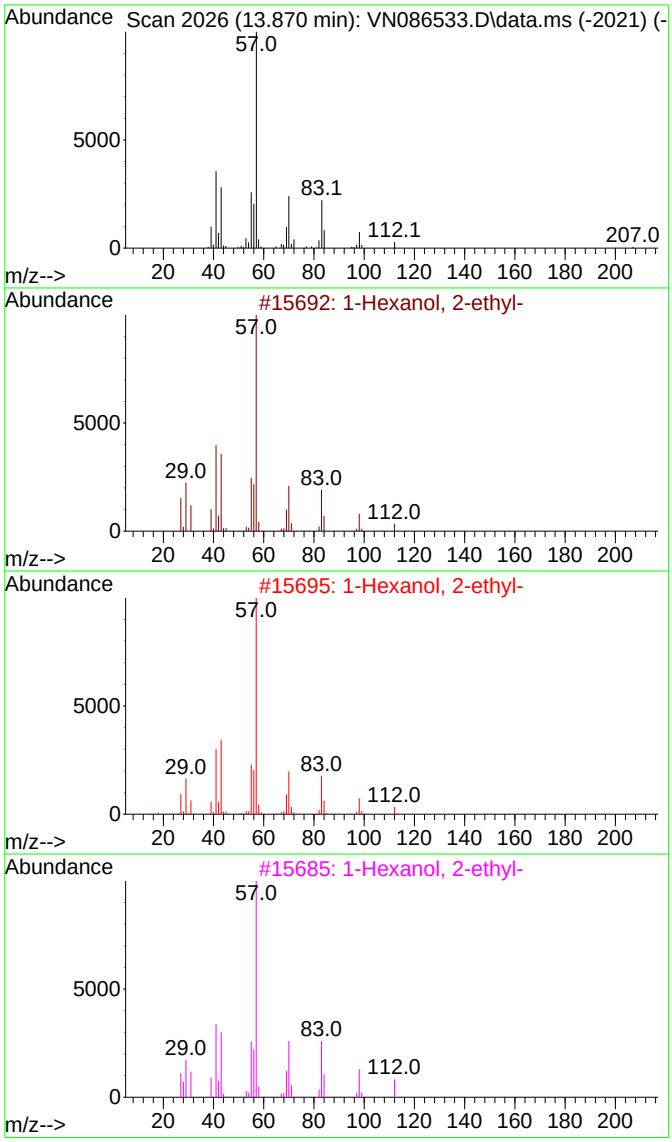
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

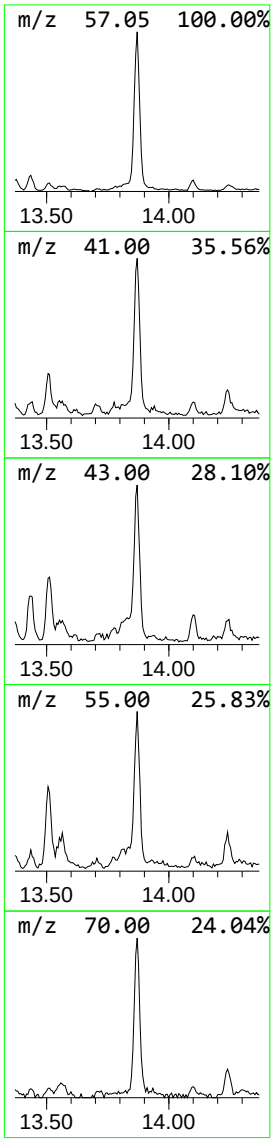
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	11.87 ug/l	226711	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	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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

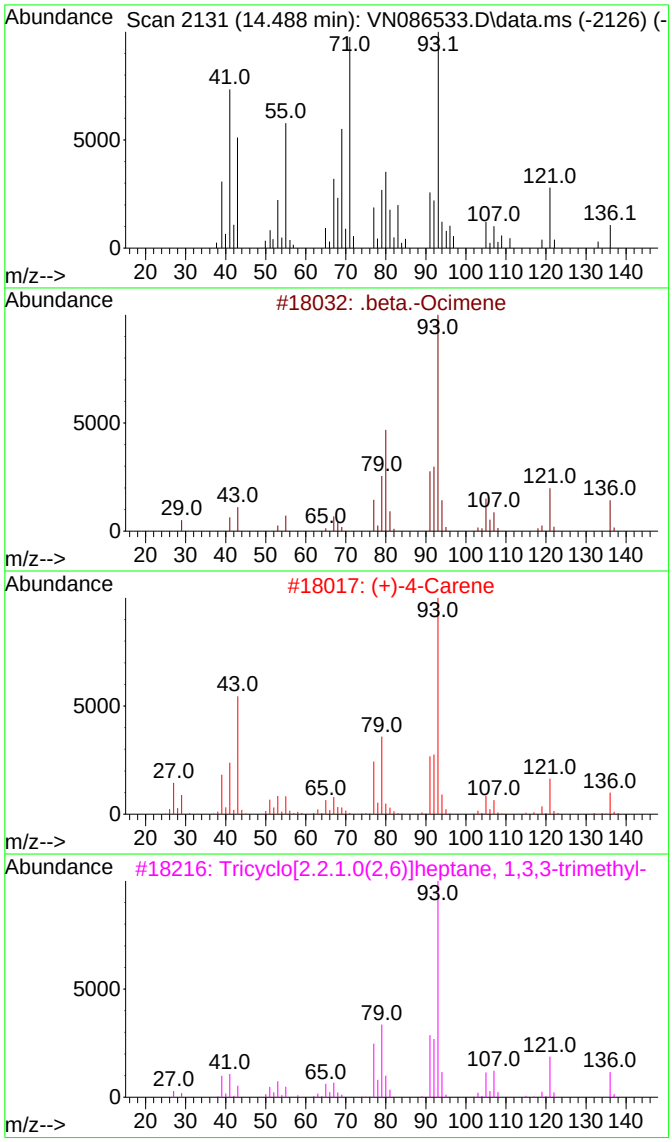
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

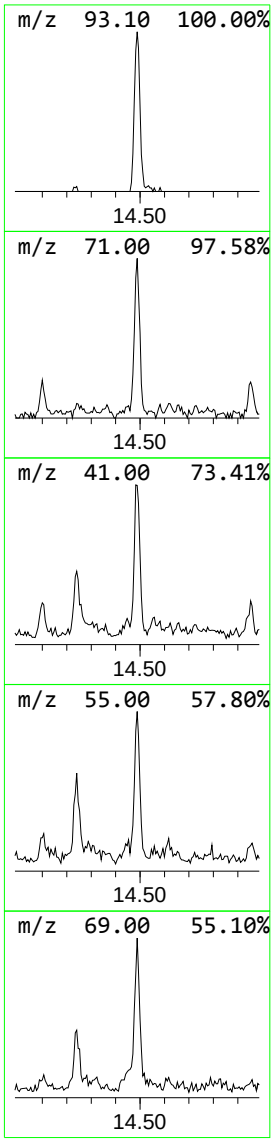
****

Peak Number 9 .beta.-Ocimene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	5.43 ug/l	103765	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Ocimene	136	C10H16	013877-91-3	60
2	(+)-4-Carene	136	C10H16	029050-33-7	55
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	55
4	1,5-Dimethyl-1-vinyl-4-hexenyl b...	224	C14H24O2	000078-36-4	52
5	Butanoic acid, 3,7-dimethyl-2,6-...	224	C14H24O2	000106-29-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
Data File : VN086533.D
Acq On : 07 May 2025 13:44
Operator : JC\MD
Sample : Q1949-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(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
Methanethiol	2.830	17.1	ug/l	206087	1	7.806	360711	30.0
Ethanol	3.789	9.1	ug/l	108994	1	7.806	360711	30.0
Dimethyl sulfide	4.524	6.3	ug/l	75722	1	7.806	360711	30.0
Isopropyl Alcohol	4.706	24.2	ug/l	291420	1	7.806	360711	30.0
1-Propanol	6.724	4.1	ug/l	49555	1	7.806	360711	30.0
Disulfide, dime...	10.377	9.2	ug/l	144284	2	9.100	469851	30.0
1-Hexanol, 2-et...	13.870	11.9	ug/l	226711	3	11.865	573173	30.0
.beta.-Ocimene	14.488	5.4	ug/l	103765	3	11.865	573173	30.0