LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081909.D
Acq On : 29 Apr 2024 13:08
Operator : JC\MD
Sample : P2286-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418096-02

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: VN081909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.283	49	56	61	rBV	1943114	3622556	100.00%	45.901%
2	3.789	303	312	324	rBV3	89004	240099	6.63%	3.042%
3	4.430	412	421	431	rBV	68960	203914	5.63%	2.584%
4	4.718	458	470	483	rBV2	39209	124506	3.44%	1.578%
5	5.283	554	566	575	rBV4	14039	41694	1.15%	0.528%
6	7.488	934	941	950	rVB4	14679	36487	1.01%	0.462%
7	7.818	983	997	1010	rVV	135917	337169	9.31%	4.272%
8	8.583	1119	1127	1137	rBV	136601	304693	8.41%	3.861%
9	9.106	1207	1216	1225	rBV	308402	633773	17.50%	8.030%
10	10.571	1456	1465	1471	rBV	473877	864371	23.86%	10.952%
11	11.871	1675	1686	1696	rBV	388780	718589	19.84%	9.105%
12	12.853	1845	1853	1861	rBV	292717	512049	14.14%	6.488%
13	13.729	1992	2002	2009	rVB3	25340	74110	2.05%	0.939%
14	13.870	2020	2026	2034	rVB5	26564	56221	1.55%	0.712%
15	14.247	2080	2090	2096	rBV2	47802	82730	2.28%	1.048%
16	14.447	2118	2124	2129	rBV4	21287	39123	1.08%	0.496%

Sum of corrected areas: 7892084

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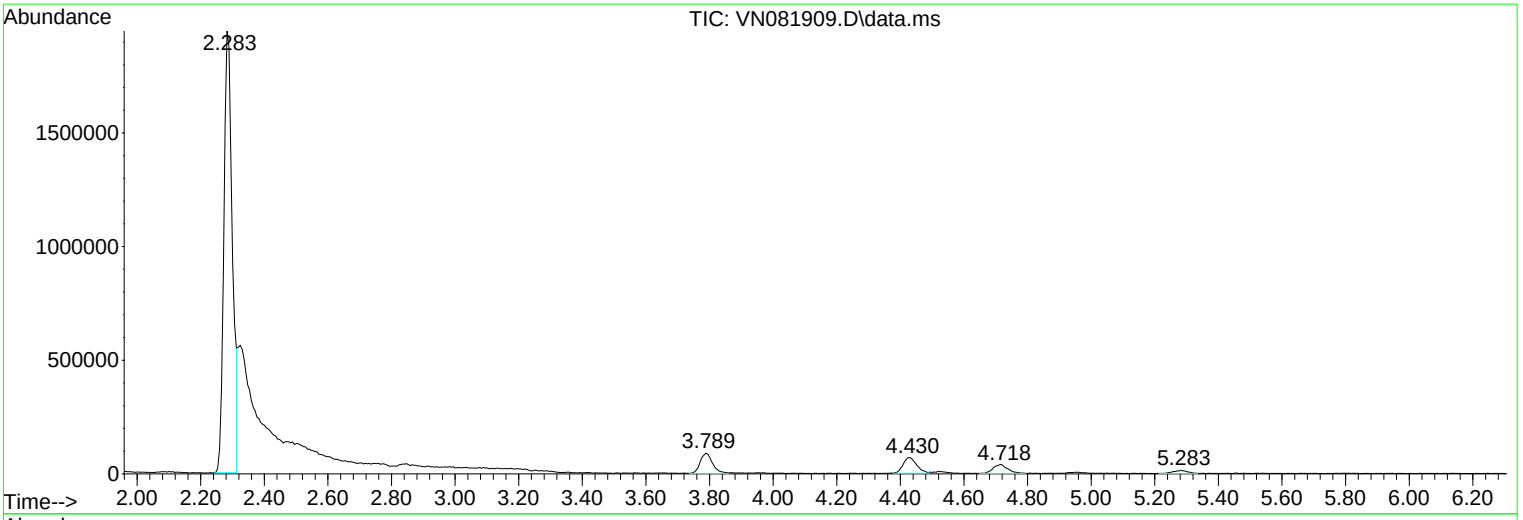
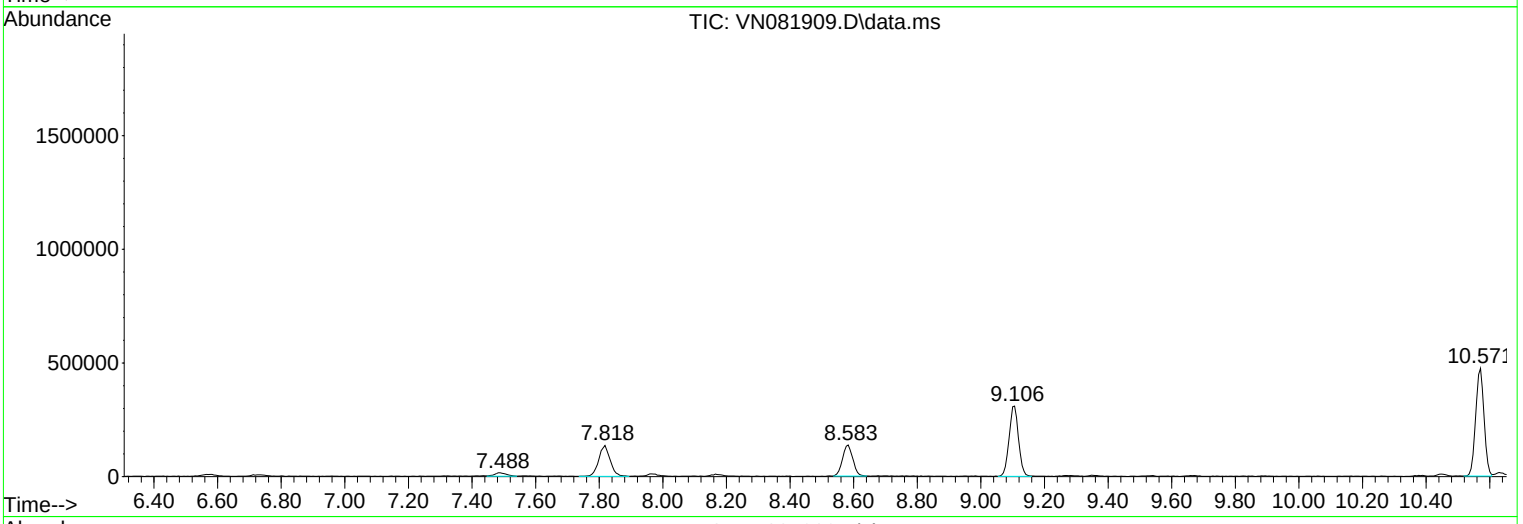
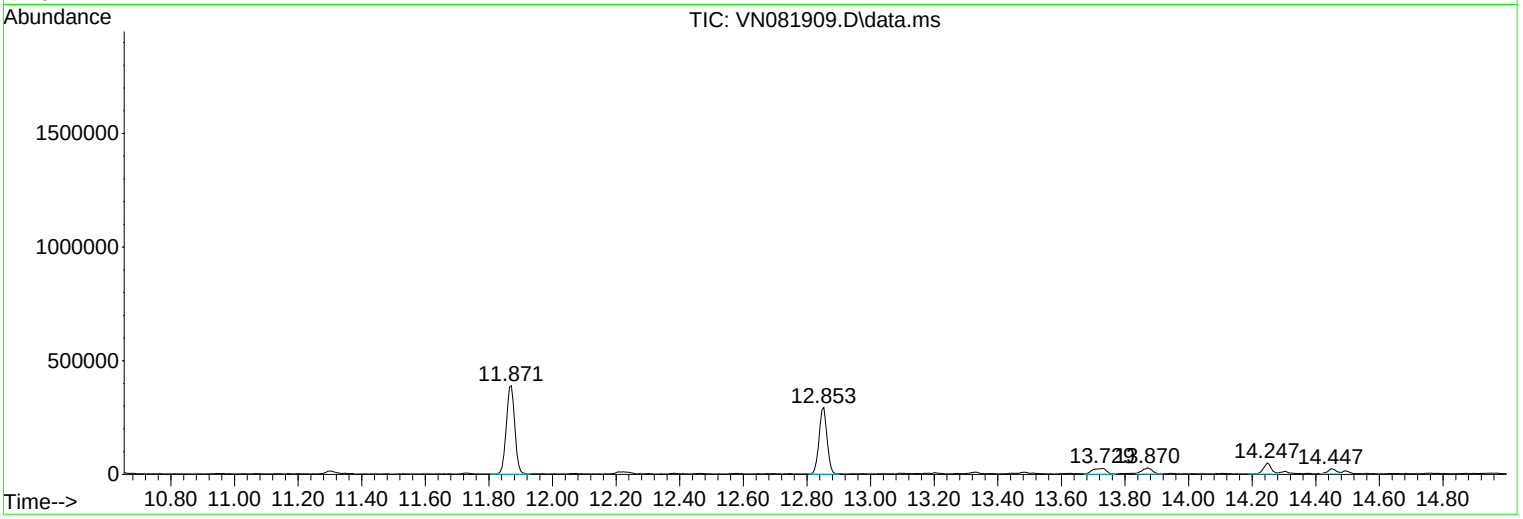
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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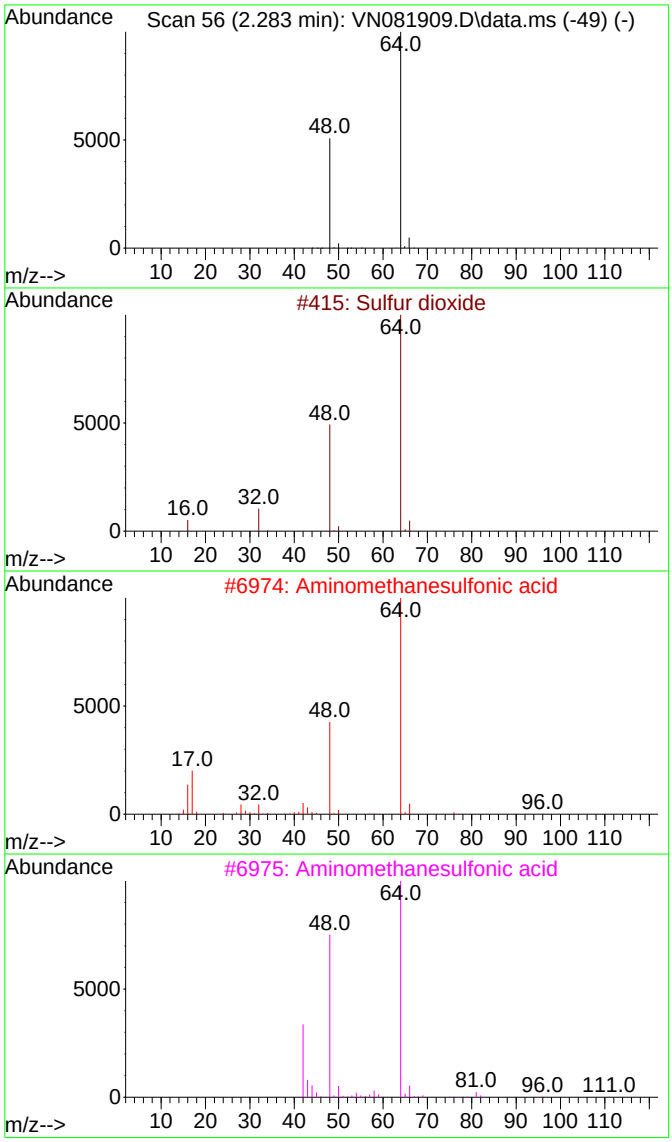
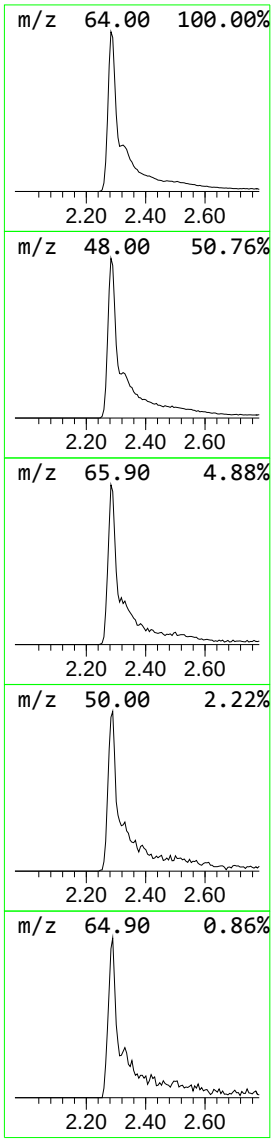
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.283	322.32 ug/l	3622560	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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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MSVOA_N
ClientSampleId :
240418096-02

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

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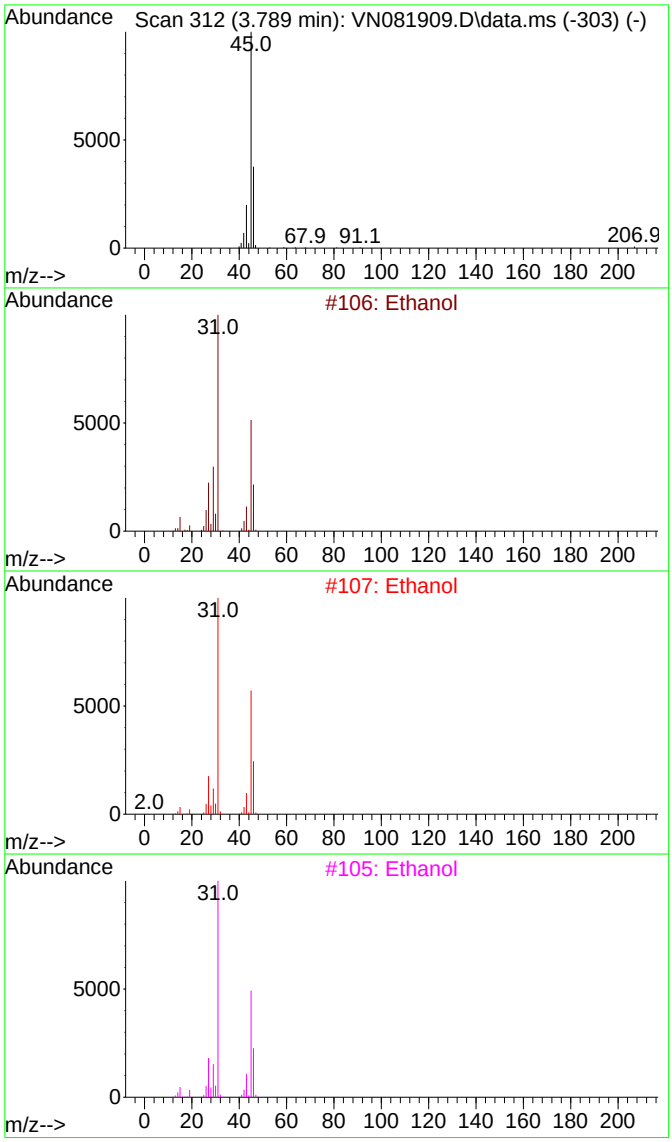
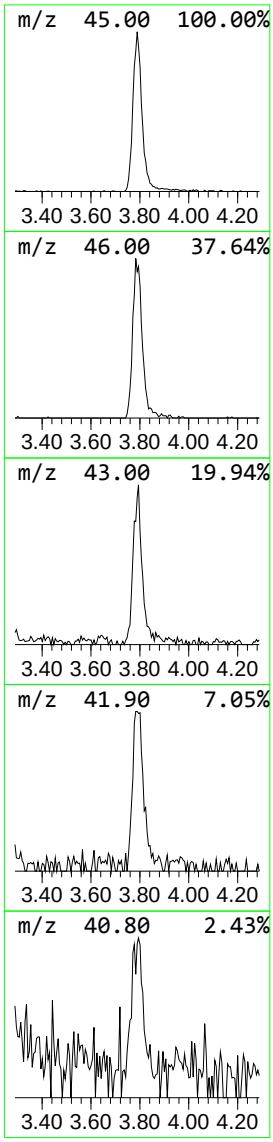
Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	21.36 ug/l	240099	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	86
2	Ethanol	46	C2H6O	000064-17-5	86
3	Ethanol	46	C2H6O	000064-17-5	38
4	Ethanol	46	C2H6O	000064-17-5	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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Acq On : 29 Apr 2024 13:08
Operator : JC\MD
Sample : P2286-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418096-02

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

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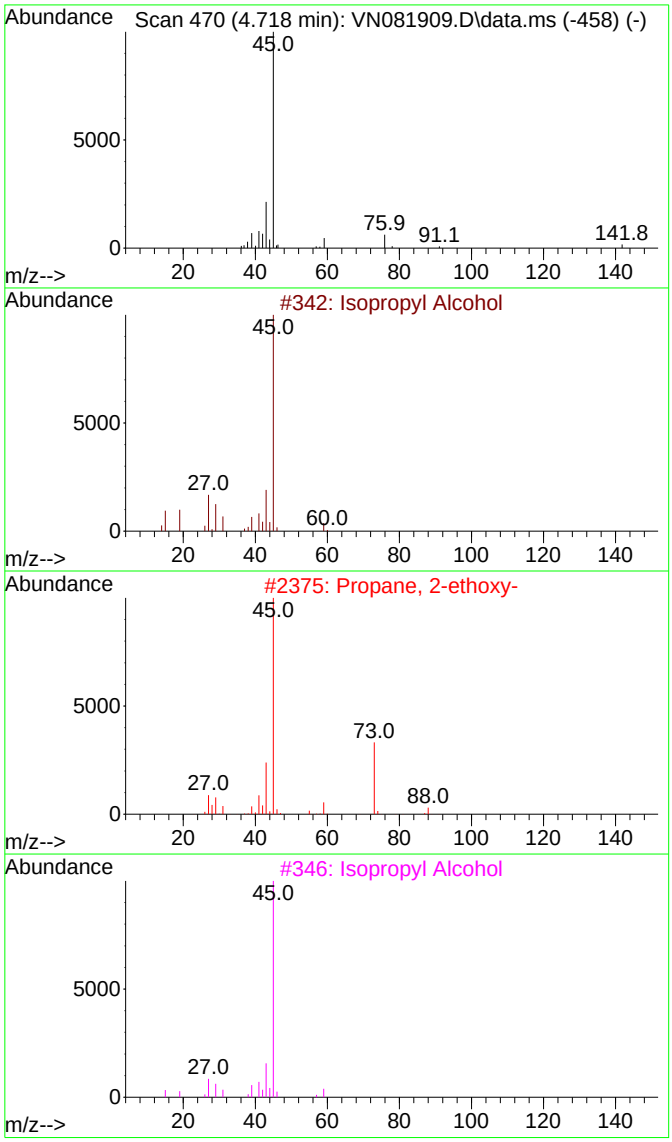
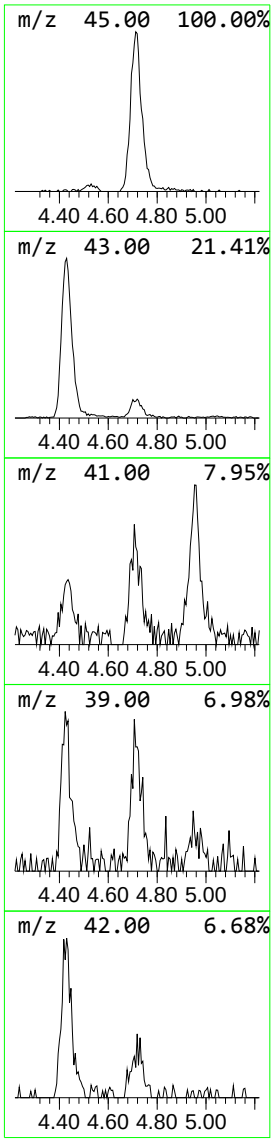
Peak Number 3 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	11.08 ug/l	124506	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	39
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9





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ALS Vial : 9 Sample Multiplier: 1

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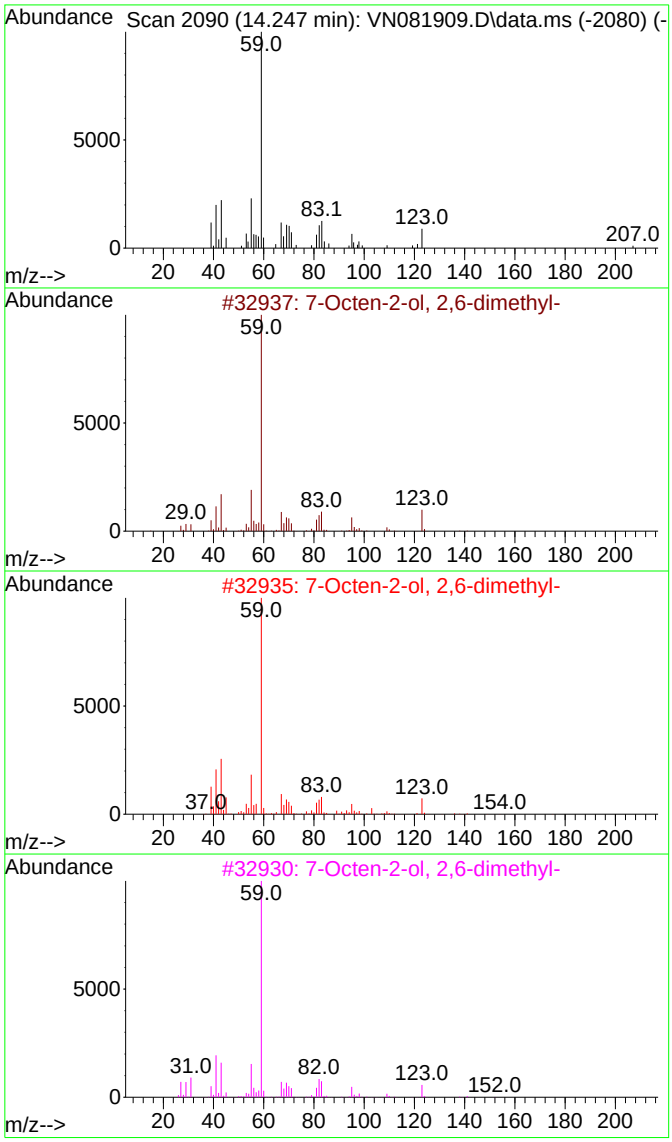
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

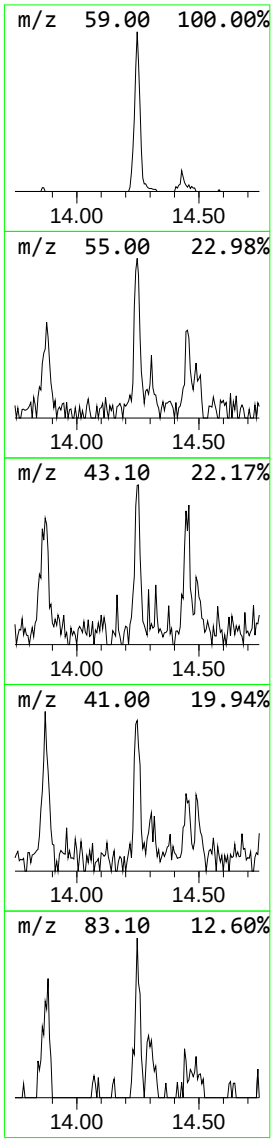
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	3.45 ug/l	82730	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	83
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	56
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
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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	2.283	322.3	ug/l	3622560	1	7.818	337169	30.0
Ethanol	3.789	21.4	ug/l	240099	1	7.818	337169	30.0
Isopropyl Alcohol	4.718	11.1	ug/l	124506	1	7.818	337169	30.0
7-Octen-2-ol, 2...	14.247	3.5	ug/l	82730	3	11.871	718589	30.0