LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081814.D
Acq On : 19 Apr 2024 17:16
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

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\624N041024W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.101	22	25	27	rVB	4885	4807	1.41%	0.212%
2	2.665	117	121	124	rBV2	5224	6137	1.79%	0.271%
3	2.812	139	146	152	rBV2	30531	63302	18.51%	2.792%
4	2.936	163	167	168	rBV3	9384	10969	3.21%	0.484%
5	3.248	218	220	224	rVB5	4623	5110	1.49%	0.225%
6	3.789	303	312	326	rBV	47685	127858	37.38%	5.639%
7	4.430	413	421	422	rBV3	8944	15050	4.40%	0.664%
8	4.530	429	438	447	rVB6	5905	19052	5.57%	0.840%
9	4.724	460	471	479	rBV2	7696	24096	7.04%	1.063%
10	6.730	802	812	822	rBV4	11591	35285	10.32%	1.556%
11	7.477	935	939	941	rBV3	2942	4111	1.20%	0.181%
12	7.494	941	942	950	rVB3	3684	4049	1.18%	0.179%
13	7.812	988	996	1008	rBV2	43590	109363	31.97%	4.823%
14	7.965	1015	1022	1030	rBV2	9862	22032	6.44%	0.972%
15	8.582	1117	1127	1135	rBV2	65008	146472	42.82%	6.460%
16	9.106	1207	1216	1224	rBV2	97371	198100	57.91%	8.737%
17	9.353	1252	1258	1264	rVB4	5624	11548	3.38%	0.509%
18	10.382	1427	1433	1440	rBV3	8053	15960	4.67%	0.704%
19	10.571	1457	1465	1472	rBV	182276	342061	100.00%	15.087%
20	10.629	1472	1475	1483	rVB2	10770	19464	5.69%	0.858%
21	11.865	1677	1685	1696	rVB	191886	341257	99.76%	15.051%
22	12.853	1844	1853	1861	rVB	176157	296611	86.71%	13.082%
23	13.200	1907	1912	1913	rBV2	3011	3880	1.13%	0.171%
24	13.459	1947	1956	1961	rBV4	4096	9347	2.73%	0.412%
25	13.706	1992	1998	2003	rBV4	8116	12456	3.64%	0.549%
26	13.865	2017	2025	2032	rBV5	29625	65442	19.13%	2.886%
27	14.247	2084	2090	2096	rBV	137629	225192	65.83%	9.932%
28	14.300	2096	2099	2106	rVB2	19443	32808	9.59%	1.447%
29	14.447	2118	2124	2128	rBV4	17570	30707	8.98%	1.354%
30	14.494	2128	2132	2142	rVB2	37982	60839	17.79%	2.683%
31	14.959	2207	2211	2214	rVB4	3947	3964	1.16%	0.175%

Sum of corrected areas: 2267329

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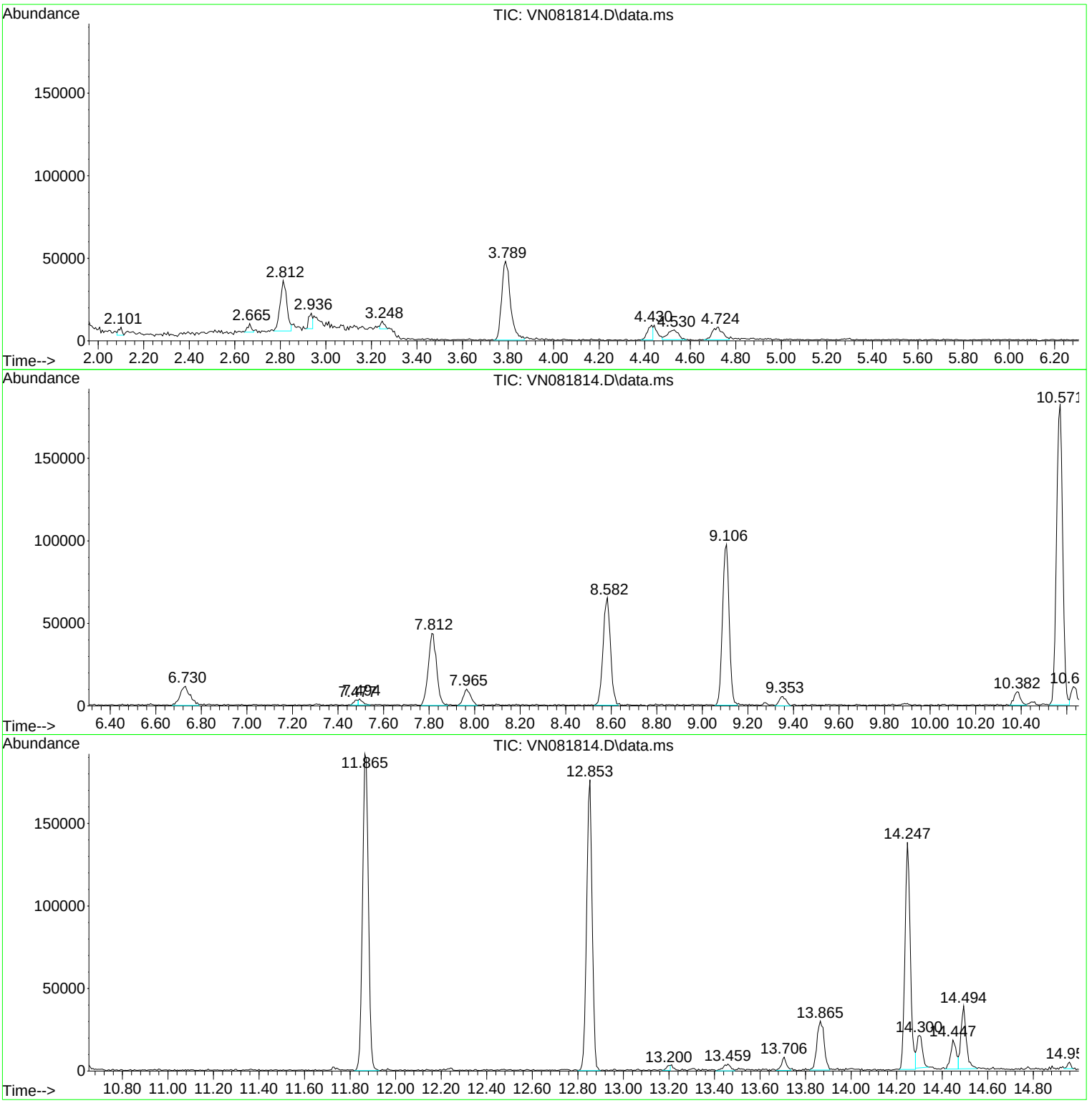
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.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\VN041924\
Data File : VN081814.D
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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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240418098-02

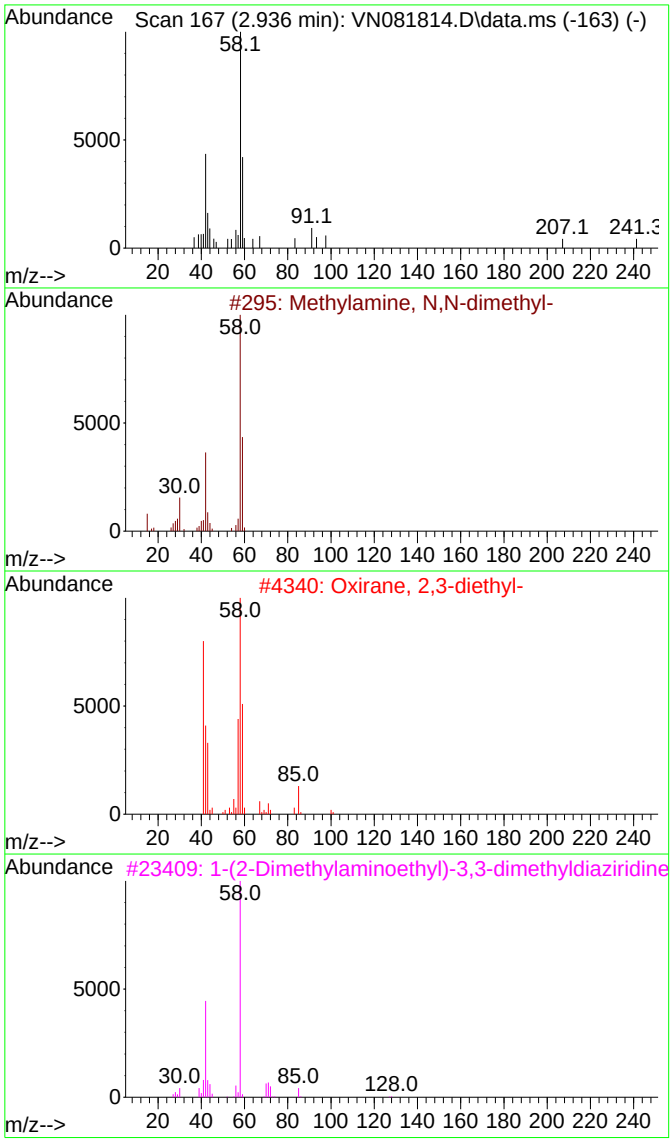
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

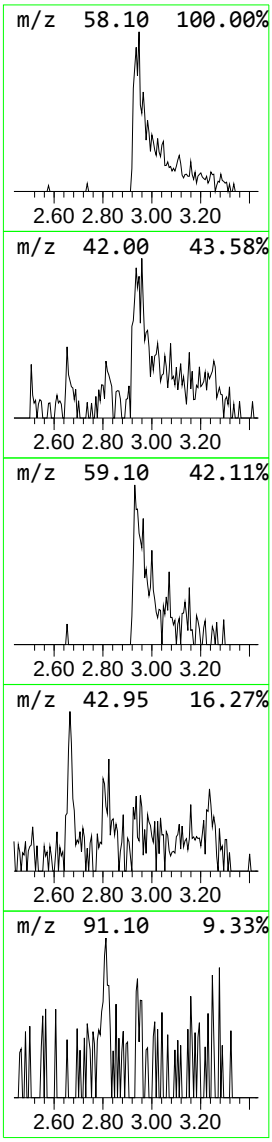
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methylamine, N,N-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.936	3.01 ug/l	10969	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	64
2	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	39
3	1-(2-Dimethylaminoethyl)-3,3-dim...	143	C7H17N3	054731-08-7	28
4	Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	9
5	Propylamine	59	C3H9N	000107-10-8	9





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Data File : VN081814.D
Acq On : 19 Apr 2024 17:16
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

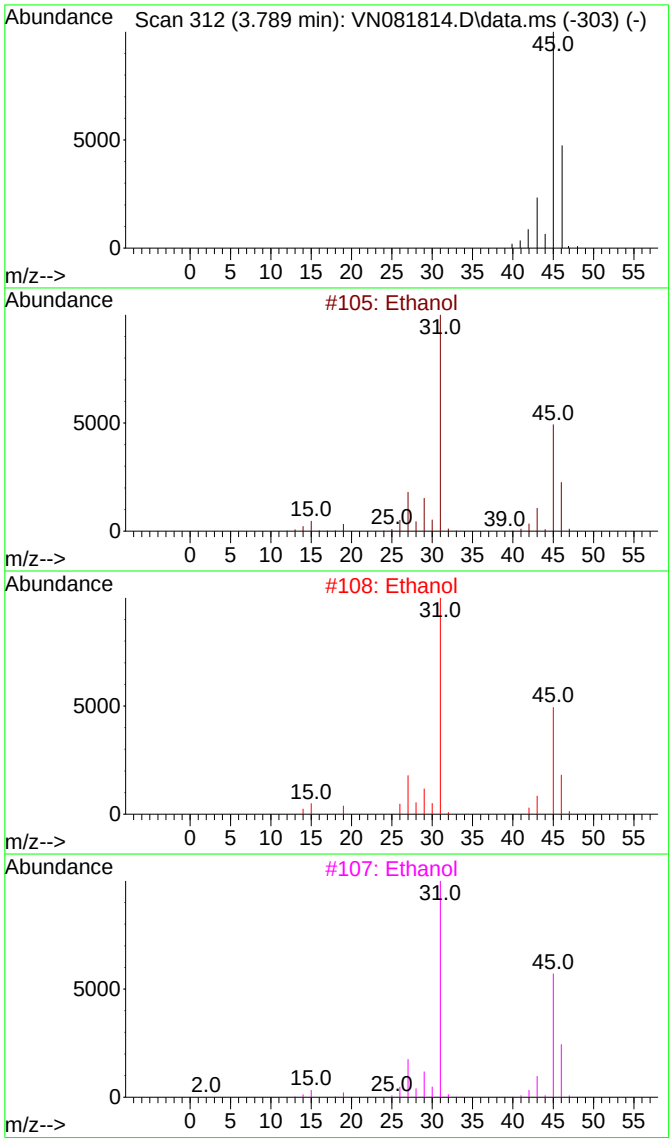
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

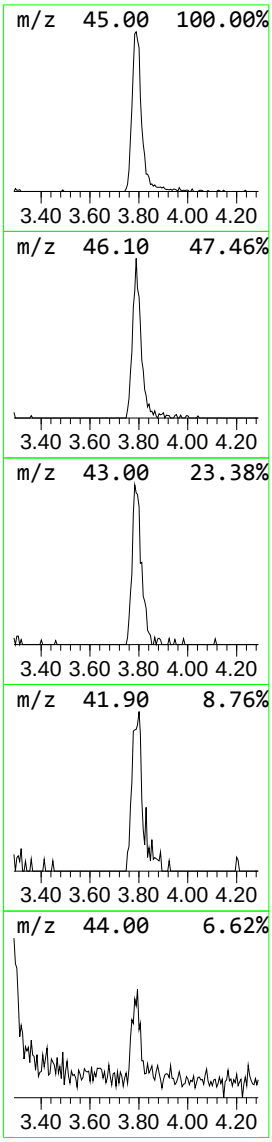
****

Peak Number 3 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	35.07 ug/l	127858	Bromochloromethane	7.818

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





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Data File : VN081814.D
Acq On : 19 Apr 2024 17:16
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

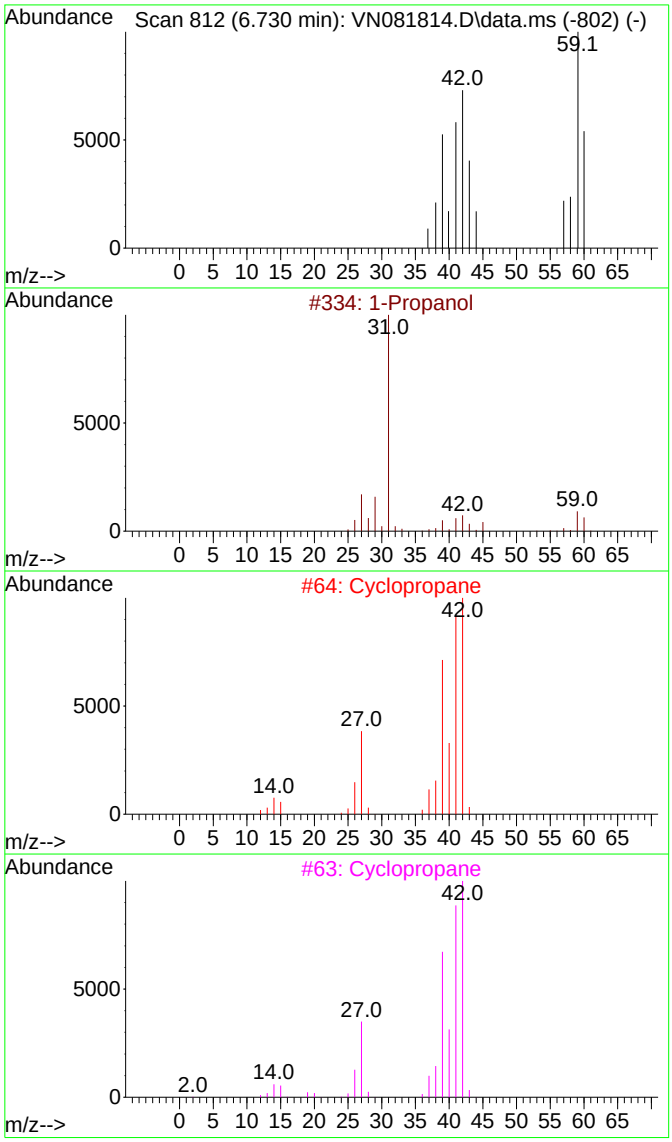
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

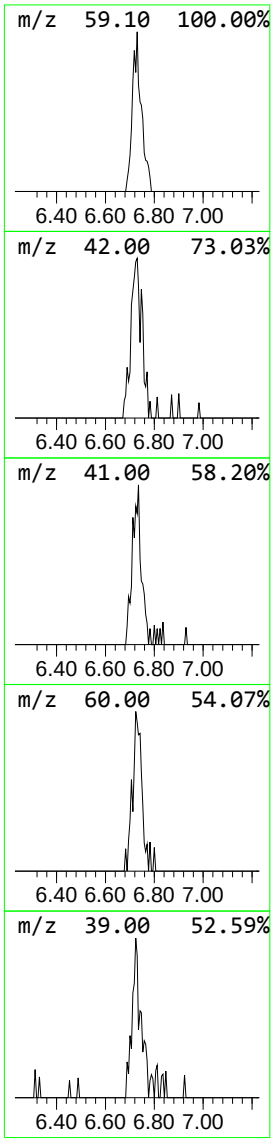
****

Peak Number 6 unknown6.730 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.730	9.68 ug/l	35285	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	37
2	Cyclopropane	42	C3H6	000075-19-4	22
3	Cyclopropane	42	C3H6	000075-19-4	22
4	Cyclopropane	42	C3H6	000075-19-4	10
5	2-Fluoropropene	60	C3H5F	001184-60-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081814.D
Acq On : 19 Apr 2024 17:16
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

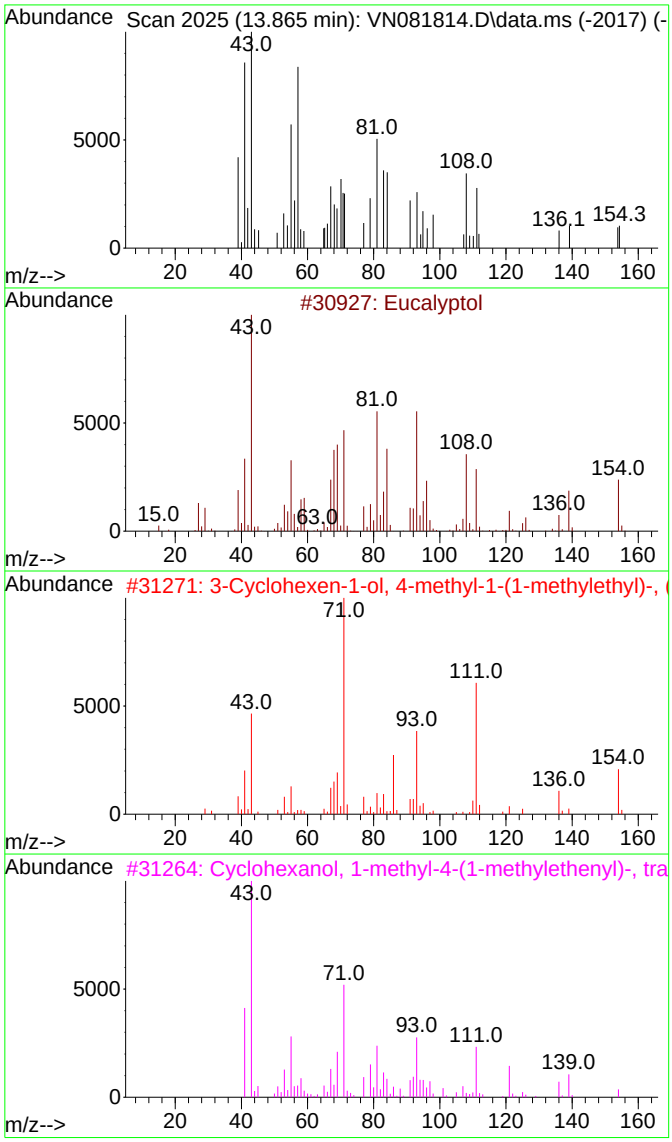
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

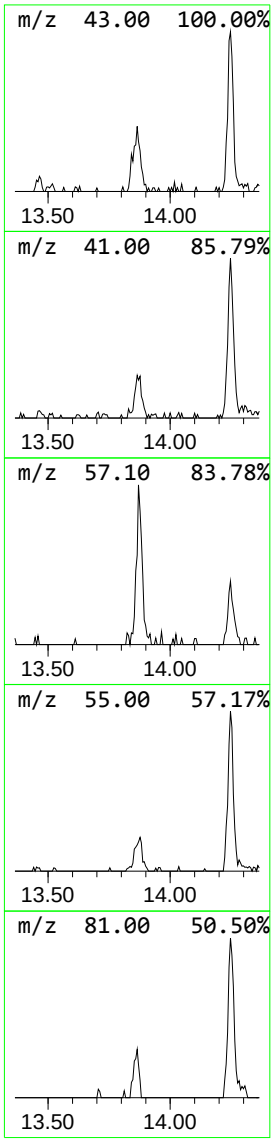
****

Peak Number 7 Eucalyptol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.865	5.75 ug/l	65442	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	53
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	43
3	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	007299-40-3	43
4	Terpinen-4-ol	154	C10H18O	000562-74-3	38
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38





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Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

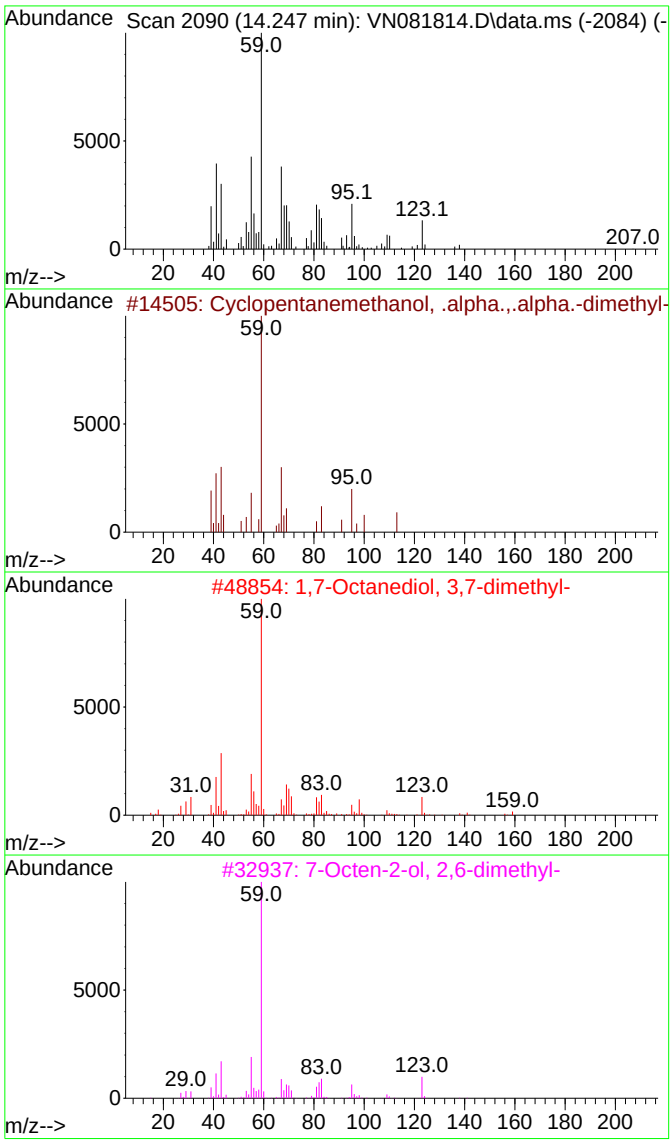
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

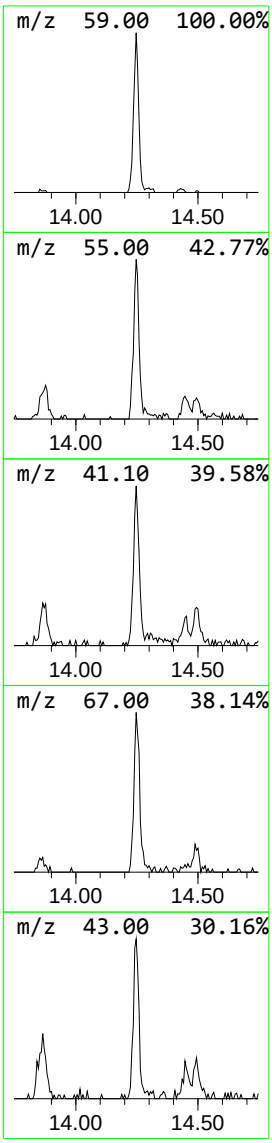
****

Peak Number 8 unknown14.247 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	19.80 ug/l	225192	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	45
2	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	43
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	40
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	28





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

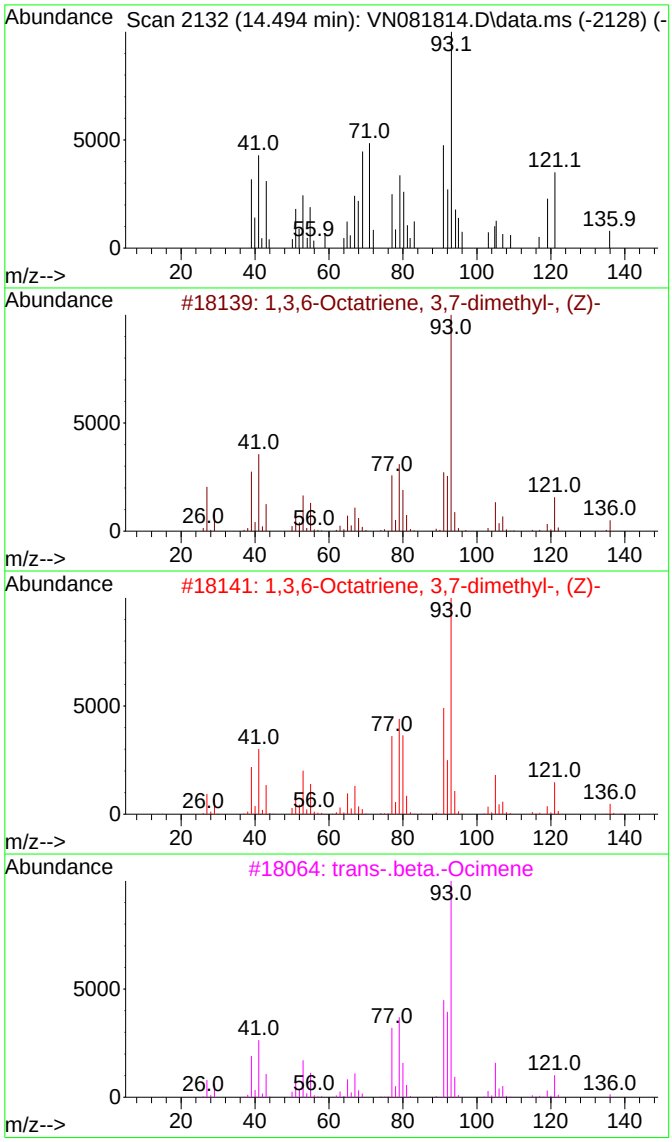
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

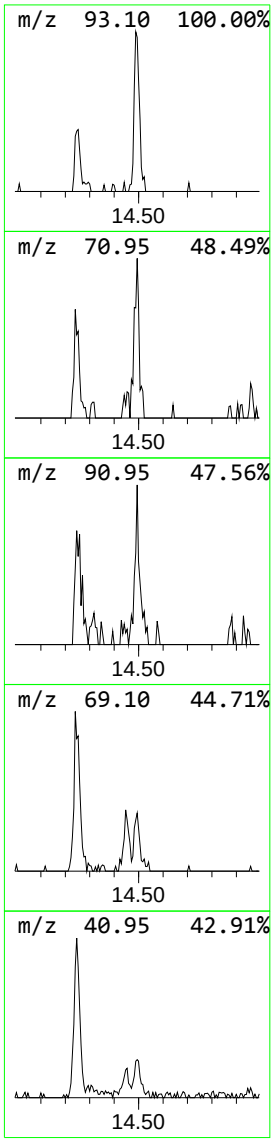
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3,6-Octatriene, 3,7-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	5.35 ug/l	60839	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	62
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	53
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	52
4	3-Carene	136	C10H16	013466-78-9	50
5	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	50





Tentatively Identified Compound (LSC) summary

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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
Methylamine, N,...	2.936	3.0	ug/l	10969	1	7.818	109363	30.0
Ethanol	3.789	35.1	ug/l	127858	1	7.818	109363	30.0
unknown6.730	6.730	9.7	ug/l	35285	1	7.818	109363	30.0
Eucalyptol	13.865	5.8	ug/l	65442	3	11.871	341257	30.0
unknown14.247	14.247	19.8	ug/l	225192	3	11.871	341257	30.0
1,3,6-Octatrien...	14.494	5.3	ug/l	60839	3	11.871	341257	30.0