

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071359.D
 Acq On : 17 Mar 2022 18:22
 Operator : JC\MD
 Sample : N2002-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220316043-02-VOA

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\624N031722W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN071359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.740	124	128	134	rVB4	54629	91008	1.93%	0.356%
2	3.175	196	202	220	rVB	370207	795311	16.83%	3.108%
3	4.281	381	390	412	rBV	295017	904082	19.13%	3.533%
4	4.569	425	439	454	rBV	233072	855259	18.09%	3.342%
5	5.357	555	573	594	rBV	1282251	4726929	100.00%	18.472%
6	7.316	891	906	943	rBV2	1290061	4573361	96.75%	17.872%
7	7.651	953	963	983	rBV3	648122	2305876	48.78%	9.011%
8	8.434	1081	1096	1106	rBV	311495	750169	15.87%	2.932%
9	8.528	1106	1112	1119	rVB2	40941	90469	1.91%	0.354%
10	8.716	1139	1144	1157	rVV	63269	143447	3.03%	0.561%
11	8.963	1175	1186	1203	rBV	660039	1356861	28.70%	5.302%
12	9.404	1253	1261	1272	rBV	34080	75342	1.59%	0.294%
13	10.439	1429	1437	1444	rBV	1005644	1825153	38.61%	7.132%
14	11.739	1651	1658	1668	rBV	841172	1511202	31.97%	5.905%
15	12.727	1820	1826	1836	rVV	599551	1003202	21.22%	3.920%
16	13.010	1865	1874	1879	rBV	31517	56838	1.20%	0.222%
17	13.769	1986	2003	2022	rBV	2102736	3947030	83.50%	15.424%
18	14.139	2059	2066	2070	rBV5	41937	75980	1.61%	0.297%
19	14.557	2128	2137	2146	rVB	235073	453811	9.60%	1.773%
20	14.904	2189	2196	2204	rVB10	18788	48523	1.03%	0.190%

Sum of corrected areas: 25589853

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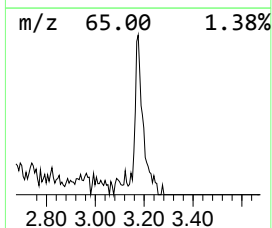
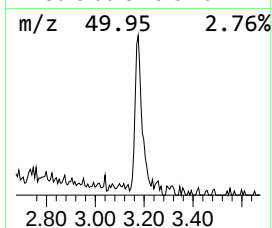
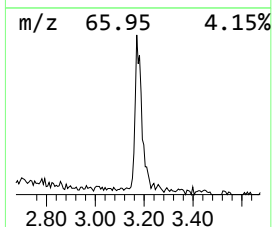
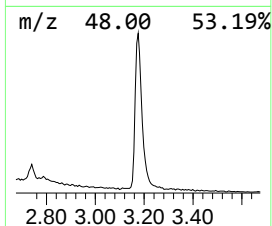
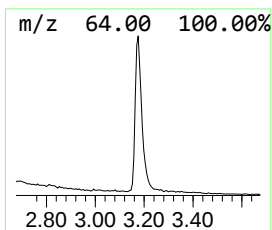
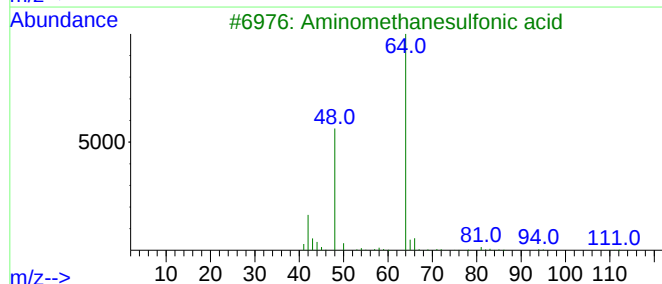
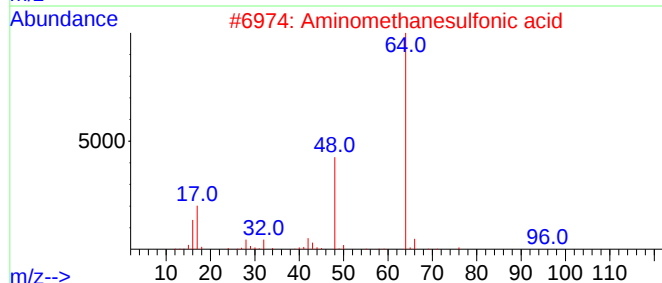
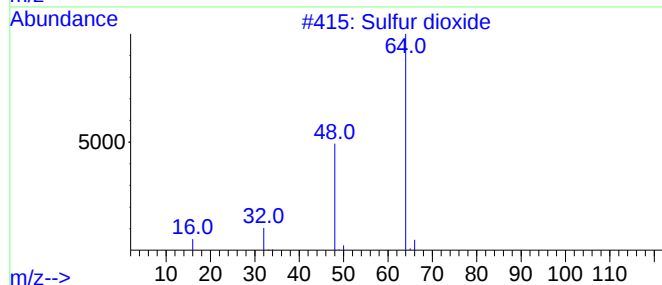
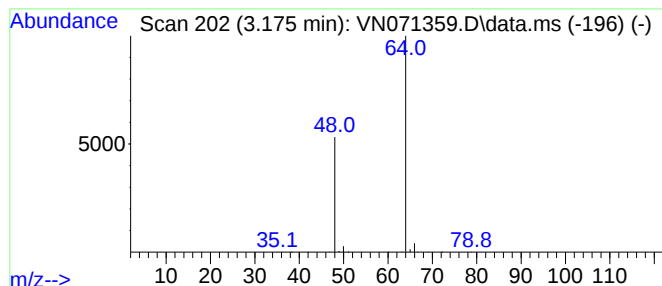
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	10.35 ug/l	795311	Bromochloromethane	7.657

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			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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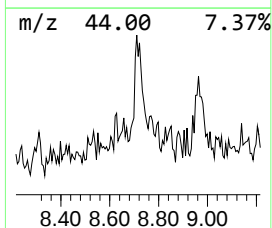
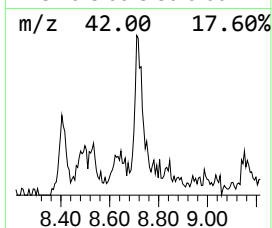
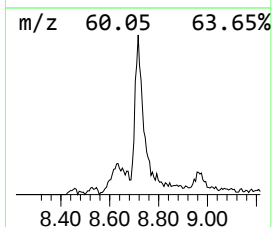
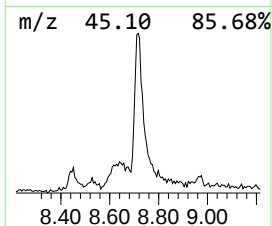
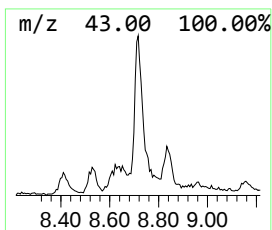
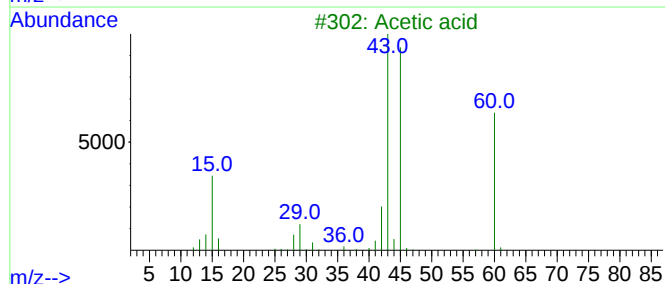
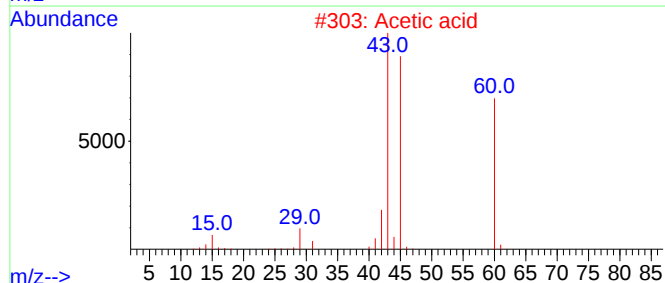
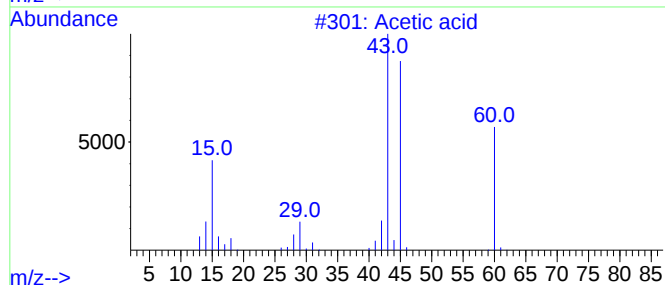
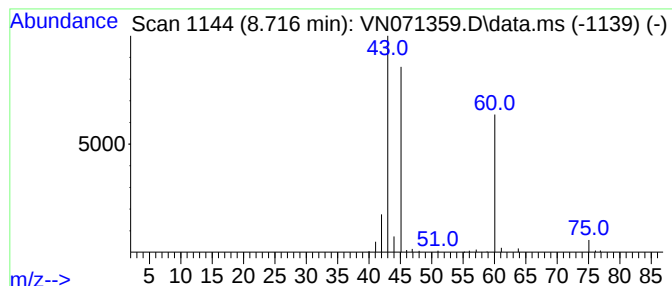
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Peak Number 2 Acetic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	3.17 ug/l	143447	1,4-Difluorobenzene	8.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid			60	C2H4O2	000064-19-7	86
2	Acetic acid			60	C2H4O2	000064-19-7	86
3	Acetic acid			60	C2H4O2	000064-19-7	86
4	Acetic acid			60	C2H4O2	000064-19-7	78
5	Acetic acid			60	C2H4O2	000064-19-7	78



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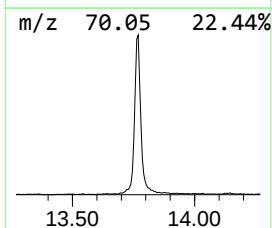
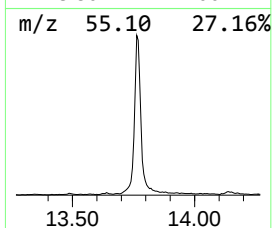
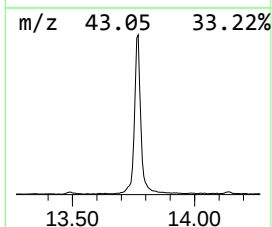
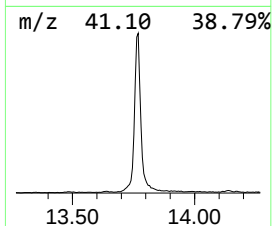
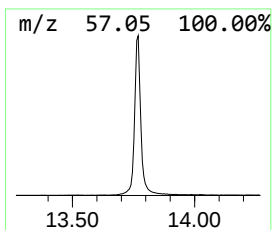
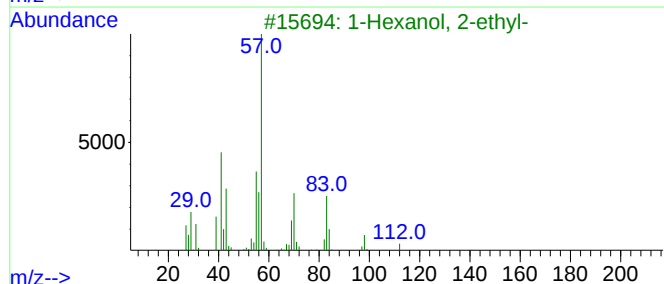
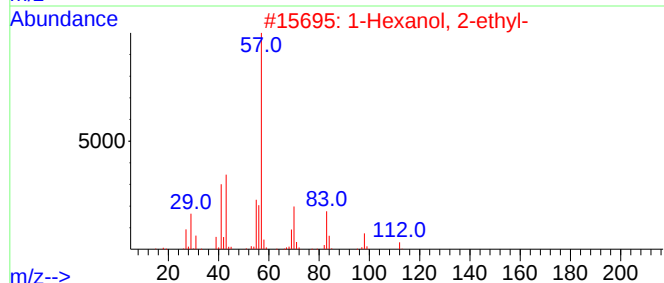
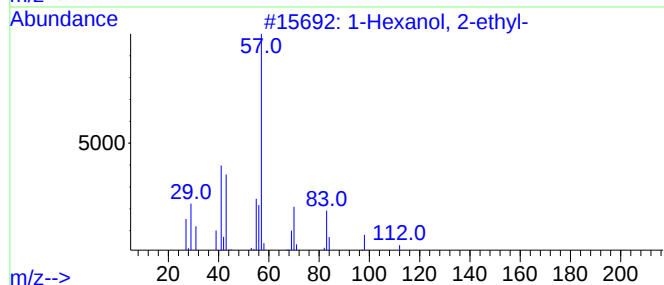
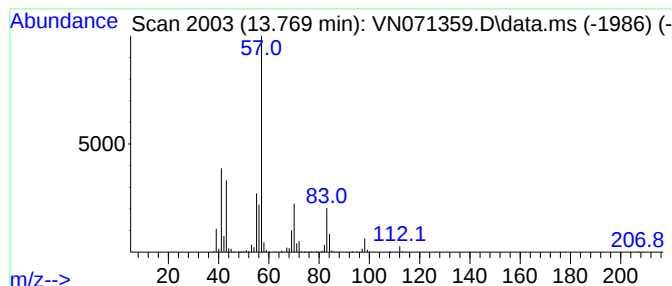
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	78.36 ug/l	3947030	Chlorobenzene-d5	11.739

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	83
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



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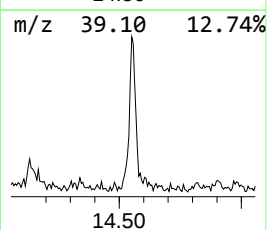
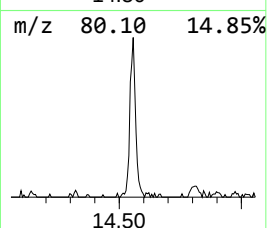
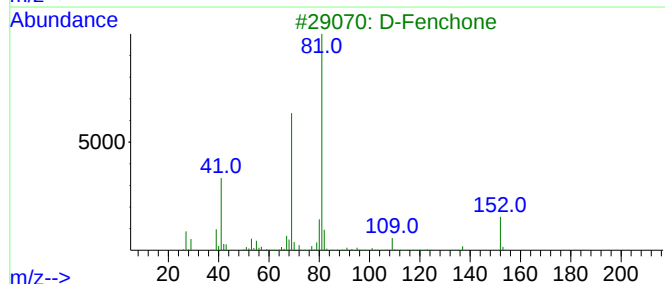
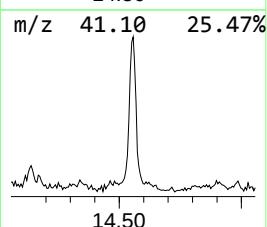
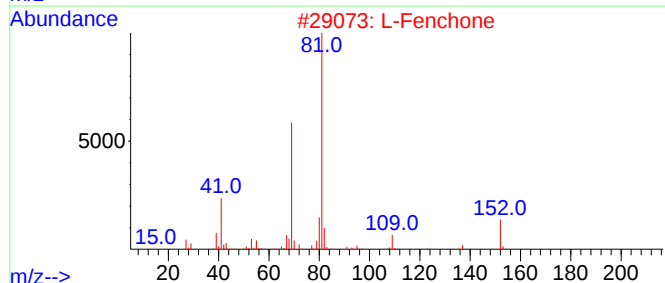
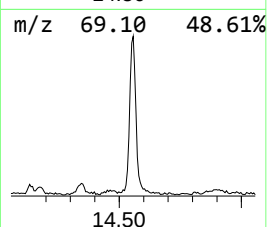
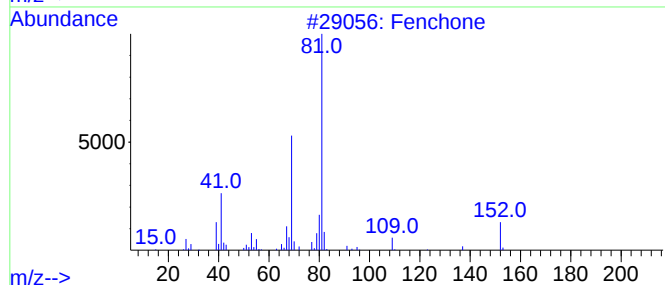
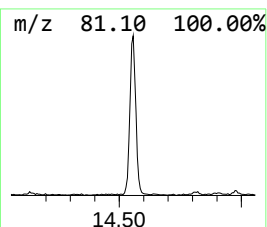
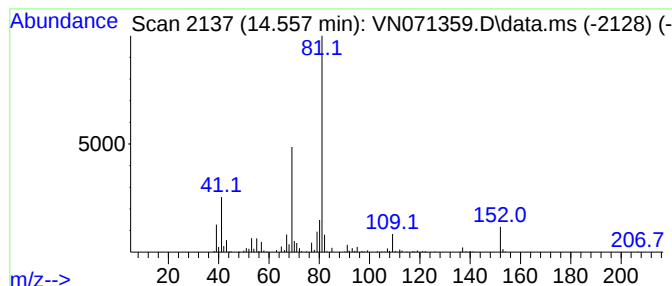
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Peak Number 4 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	9.01 ug/l	453811	Chlorobenzene-d5	11.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchone	152	C10H16O	001195-79-5	95
2			L-Fenchone	152	C10H16O	007787-20-4	93
3			D-Fenchone	152	C10H16O	004695-62-9	90
4			Fenchone	152	C10H16O	001195-79-5	90
5			Fenchone	152	C10H16O	001195-79-5	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	3.175	10.4	ug/l	795311	1	7.657	2305880	30.0
Acetic acid	8.716	3.2	ug/l	143447	2	8.963	1356860	30.0
1-Hexanol, 2-et...	13.769	78.4	ug/l	3947030	3	11.739	1511200	30.0
Fenchone	14.557	9.0	ug/l	453811	3	11.739	1511200	30.0