

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079104.D
 Acq On : 29 Aug 2023 19:20
 Operator : JC\MD
 Sample : 04225-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230828042-01

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\624N081723W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	53	58	62	rBV2	8939	19745	3.40%	0.674%
2	2.830	141	149	153	rBV6	13299	29553	5.10%	1.008%
3	4.348	398	407	413	rBV3	3934	9068	1.56%	0.309%
4	6.577	780	786	793	rVB3	3767	8184	1.41%	0.279%
5	7.489	934	941	951	rBV4	11020	27079	4.67%	0.924%
6	7.818	988	997	1009	rBV4	100075	255896	44.12%	8.729%
7	7.971	1014	1023	1037	rVB	45899	115880	19.98%	3.953%
8	8.171	1053	1057	1062	rBV6	2950	6253	1.08%	0.213%
9	8.583	1118	1127	1137	rBV2	104646	238326	41.09%	8.130%
10	8.683	1137	1144	1145	rBV3	23347	44859	7.73%	1.530%
11	8.806	1158	1165	1178	rVB3	45137	156841	27.04%	5.350%
12	9.106	1208	1216	1226	rVB	218091	446411	76.97%	15.228%
13	9.353	1252	1258	1269	rVB4	13079	28098	4.84%	0.958%
14	9.759	1321	1327	1331	rVB4	3525	6121	1.06%	0.209%
15	9.894	1344	1350	1356	rVB2	8224	15140	2.61%	0.516%
16	10.571	1457	1465	1474	rBV	315108	579967	100.00%	19.784%
17	11.012	1536	1540	1541	rBV3	8744	8115	1.40%	0.277%
18	11.106	1549	1556	1565	rBV	100264	187288	32.29%	6.389%
19	11.871	1678	1686	1699	rVB2	266780	480871	82.91%	16.403%
20	12.853	1846	1853	1861	rVB	150059	259188	44.69%	8.841%
21	13.800	2009	2014	2019	rVB5	5753	8643	1.49%	0.295%

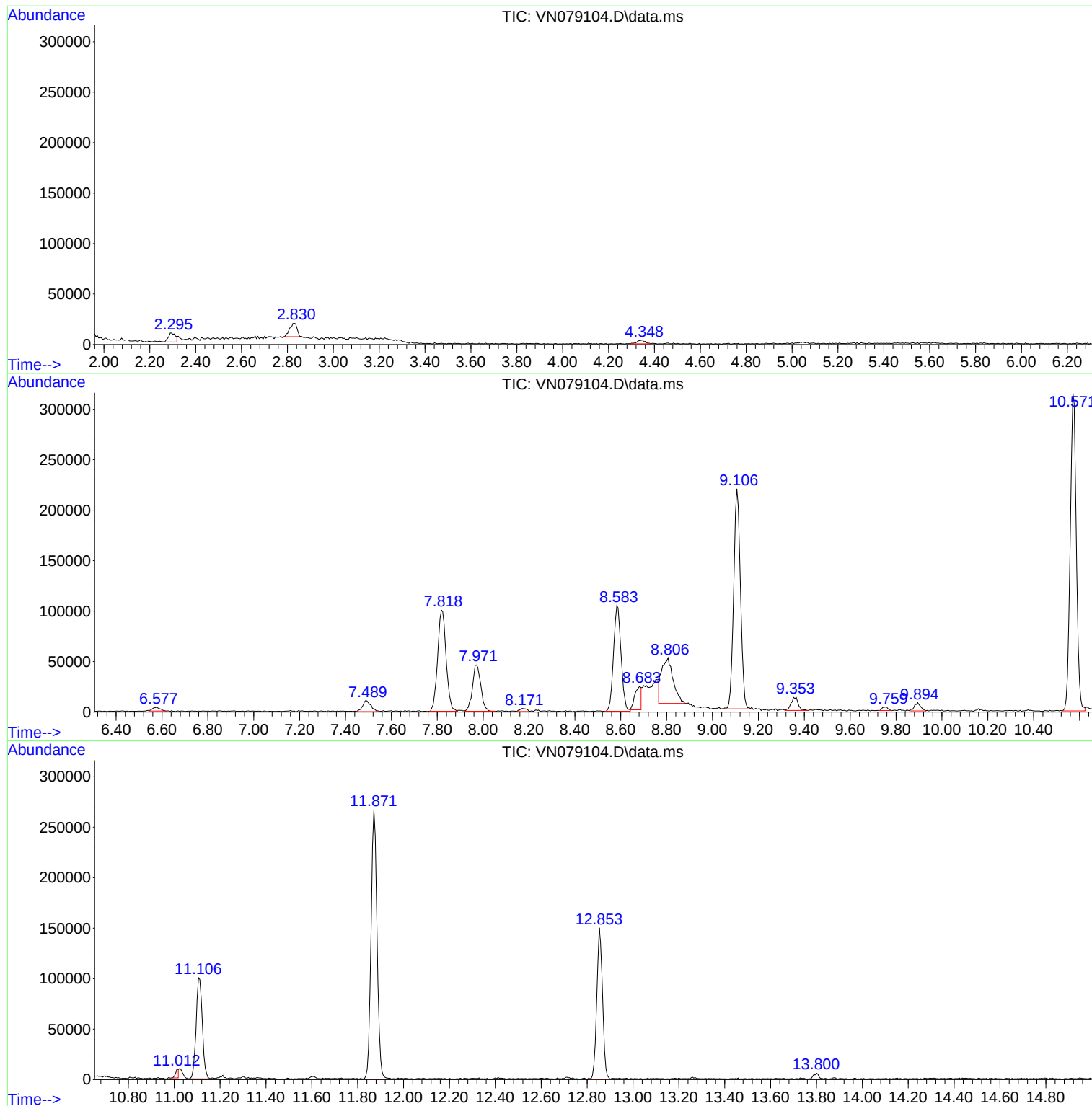
Sum of corrected areas: 2931526

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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MSVOA_N
ClientSampleId :
230828042-01

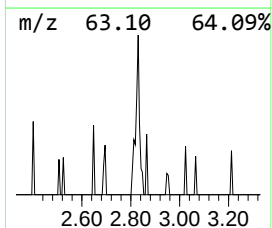
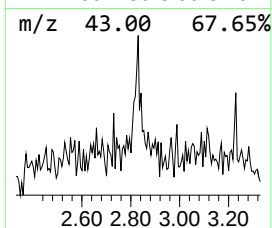
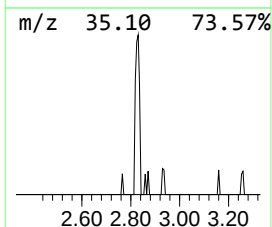
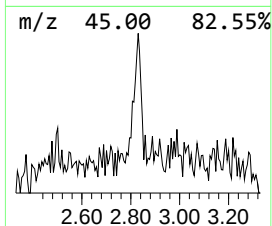
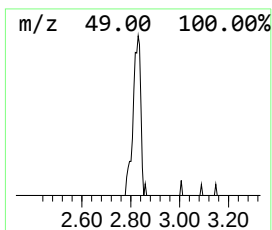
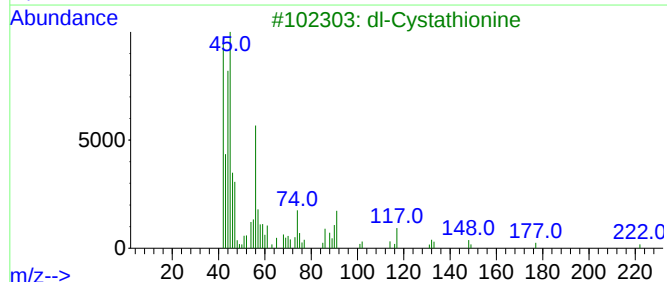
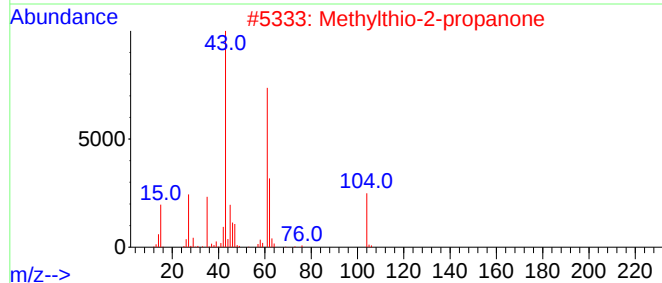
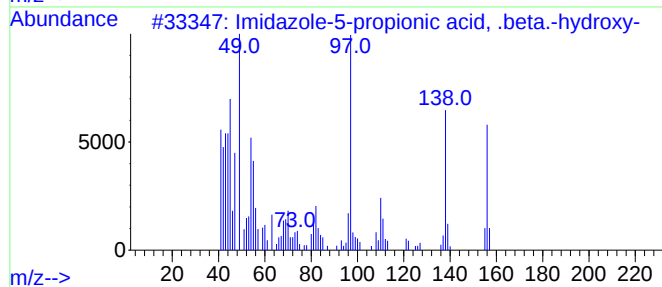
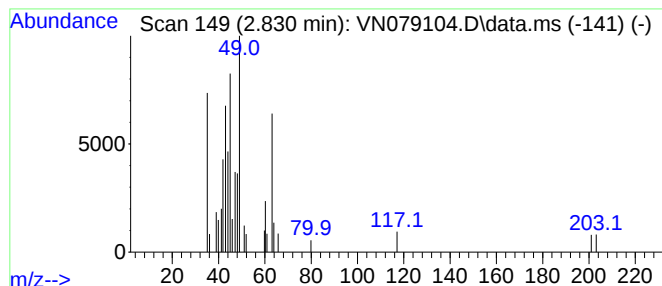
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Imidazole-5-propionic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.830	3.46 ug/l	29553	Bromochloromethane	7.824

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Imidazole-5-propionic acid, .bet...	156	C6H8N2O3	1000129-47-8	53
2			Methylthio-2-propanone	104	C4H8OS	014109-72-9	17
3			dl-Cystathionine	222	C7H14N2O4S	000535-34-2	9
4			1-Butanamine, 4-(methylthio)-	119	C5H13NS	055021-77-7	9
5			Ethanol, 2-(2-chloro-ethylthio)-	140	C4H9ClOS	000693-30-1	9



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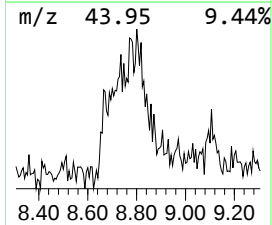
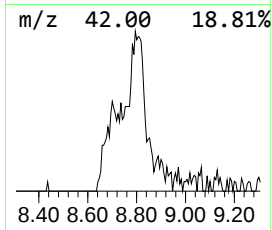
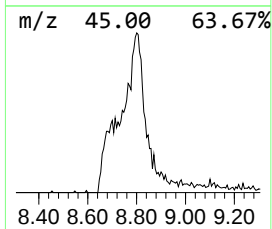
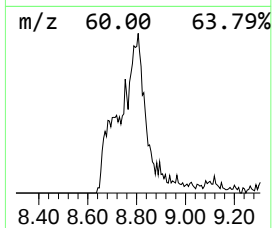
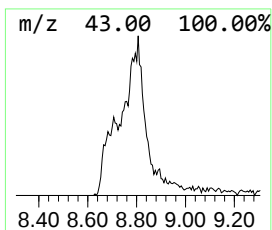
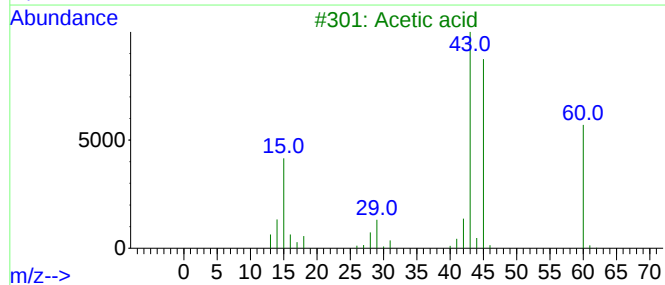
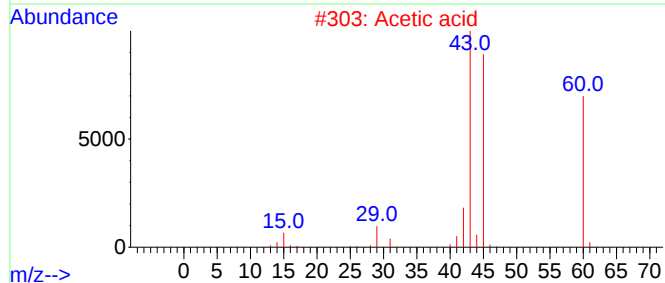
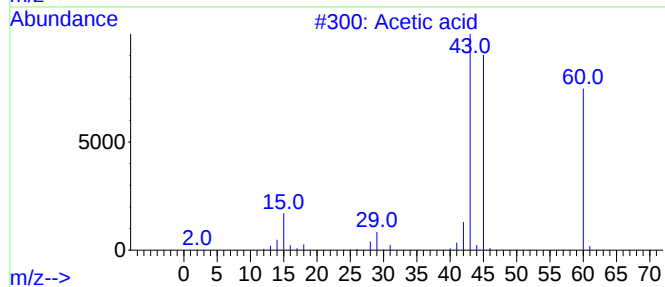
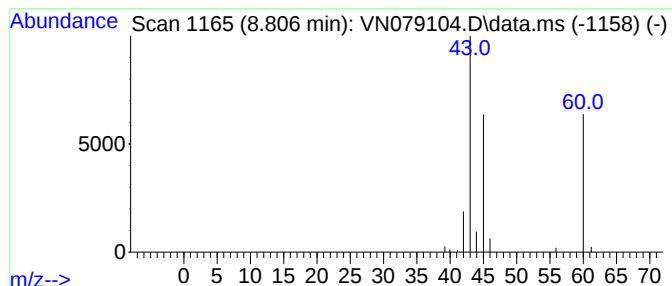
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Peak Number 2 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	10.54 ug/l	156841	1,4-Difluorobenzene	9.106

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	78
3	Acetic acid			60	C2H4O2	000064-19-7	64
4	Acetic acid			60	C2H4O2	000064-19-7	40
5	Hydrazine, 1,2-dimethyl-			60	C2H8N2	000540-73-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Imidazole-5-pro...	2.830	3.5	ug/l	29553	1	7.824	255896	30.0
Acetic acid	8.806	10.5	ug/l	156841	2	9.106	446411	30.0