

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083540.D
 Acq On : 28 Aug 2024 16:56
 Operator : JC\MD
 Sample : P3715-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-240821052-04

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\624N082824W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN083540.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	50	56	78	rBV2	138375	371588	70.97%	13.465%
2	3.295	226	228	234	rVB5	5719	9950	1.90%	0.361%
3	4.436	409	422	438	rBV2	54571	160772	30.71%	5.826%
4	7.812	986	996	1007	rVB2	79030	201147	38.42%	7.289%
5	8.577	1117	1126	1134	rBV	89044	200441	38.28%	7.263%
6	8.665	1134	1141	1142	rBV3	3977	6812	1.30%	0.247%
7	8.794	1151	1163	1177	rVB2	13978	65063	12.43%	2.358%
8	9.100	1206	1215	1225	rVB	193702	393403	75.14%	14.256%
9	10.565	1456	1464	1472	rBV	283525	523591	100.00%	18.974%
10	10.629	1472	1475	1481	rVB3	4374	6663	1.27%	0.241%
11	11.865	1678	1685	1694	rBV	249718	445280	85.04%	16.136%
12	12.847	1844	1852	1861	rVB	193431	332098	63.43%	12.034%
13	14.059	2053	2058	2061	rBV5	3473	5460	1.04%	0.198%
14	14.170	2073	2077	2079	rBV4	4508	5546	1.06%	0.201%
15	14.323	2096	2103	2104	rBV6	8750	16134	3.08%	0.585%
16	14.353	2104	2108	2110	rVV5	3748	8017	1.53%	0.291%
17	14.517	2132	2136	2138	rBV5	4924	7624	1.46%	0.276%

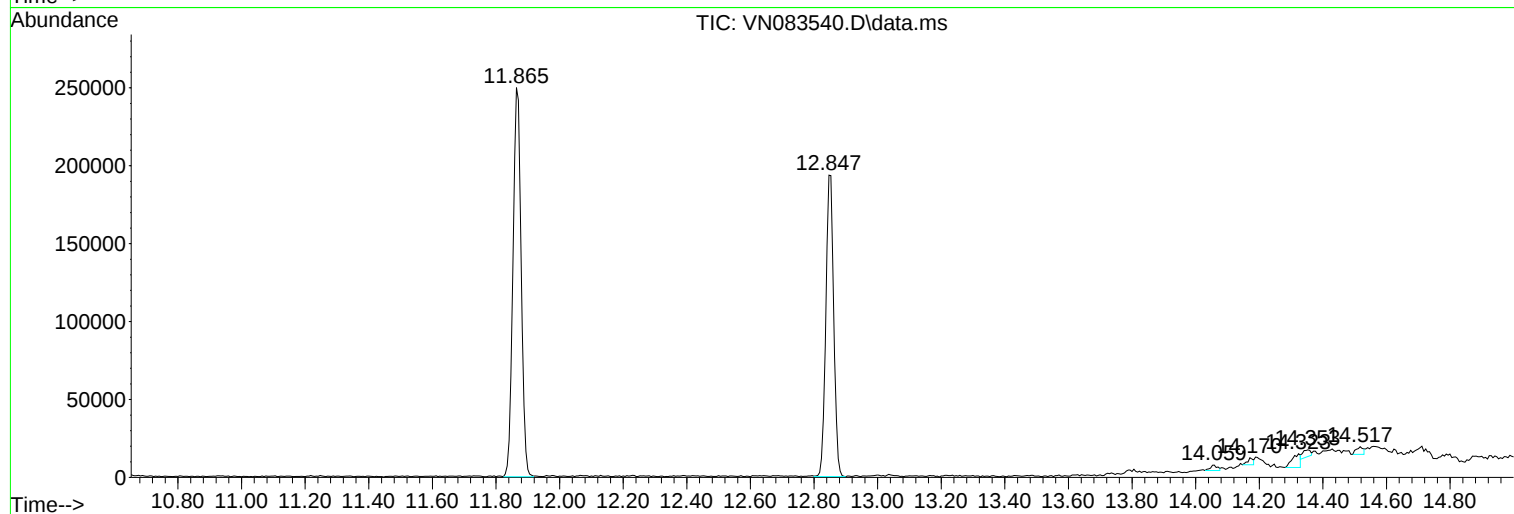
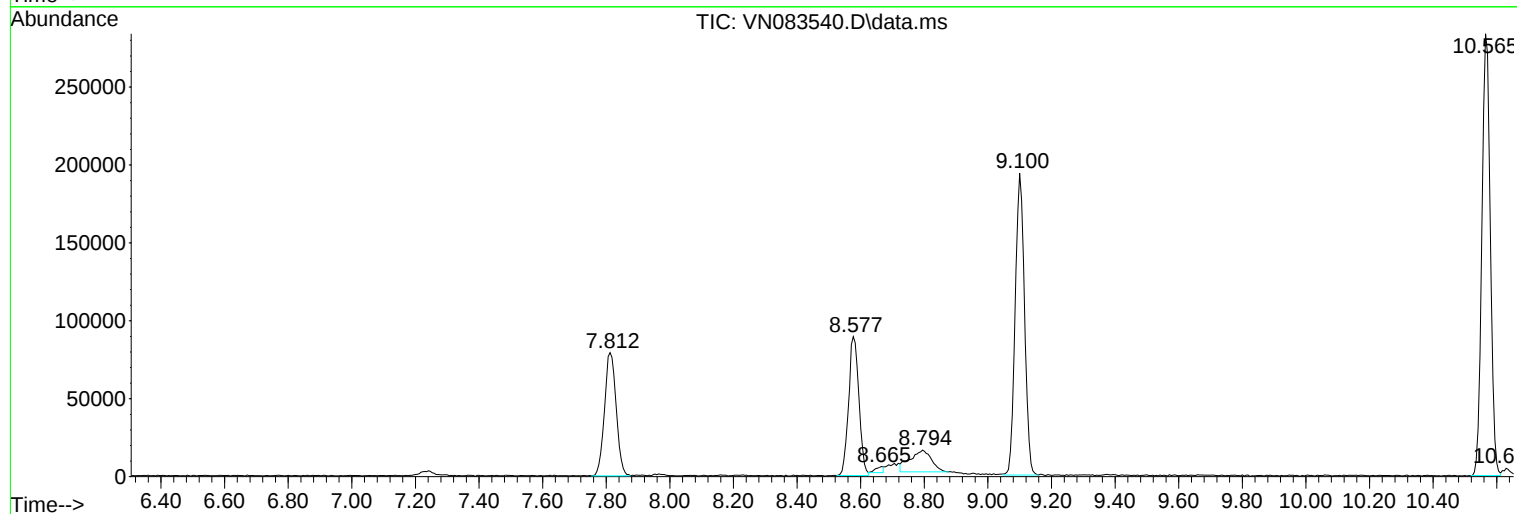
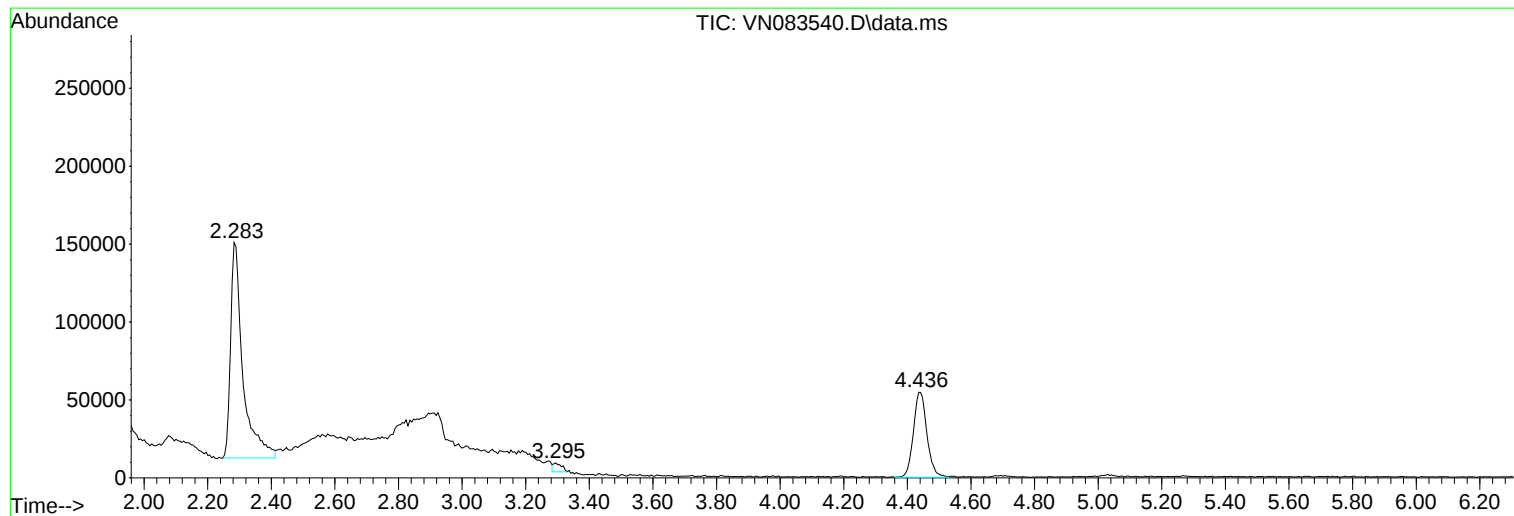
Sum of corrected areas: 2759589

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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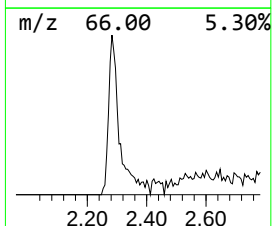
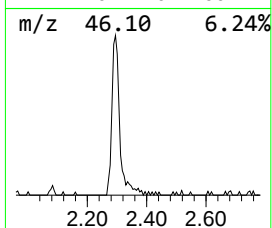
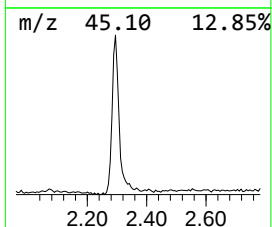
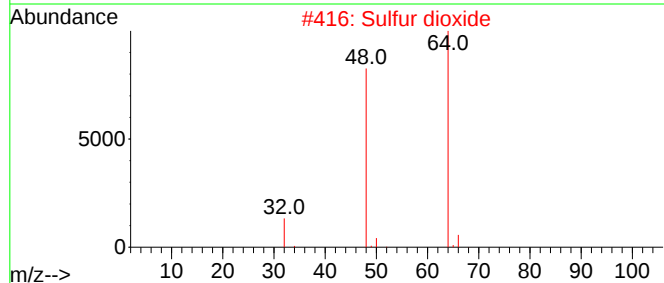
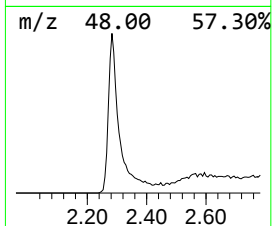
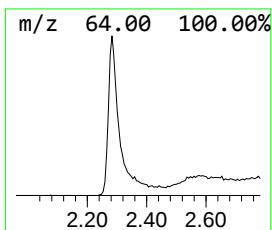
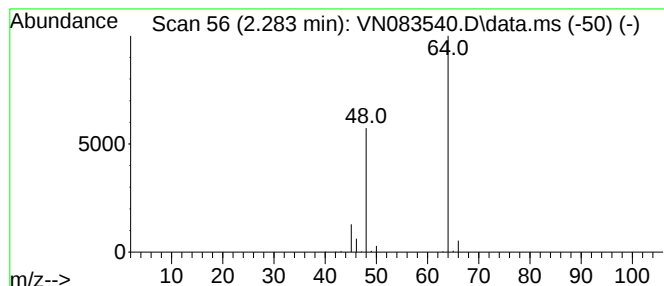
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.283	55.42 ug/l	371588	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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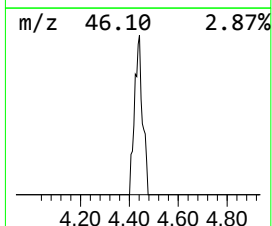
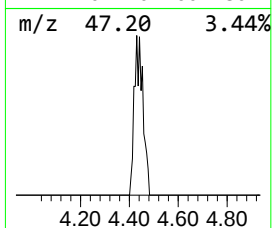
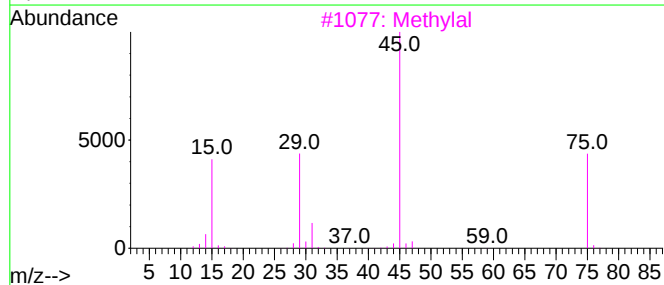
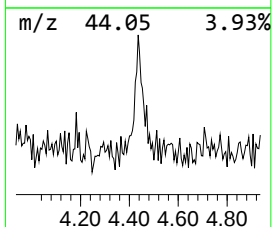
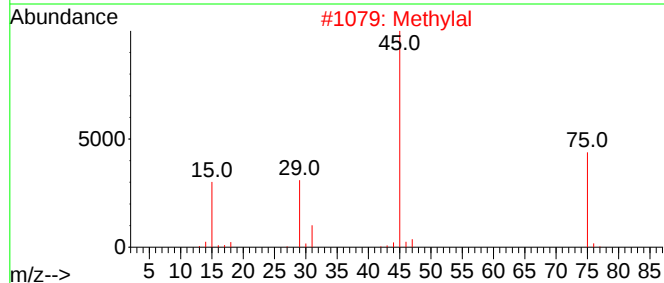
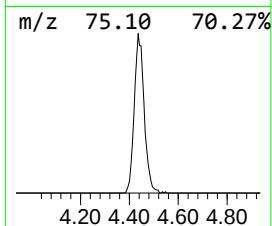
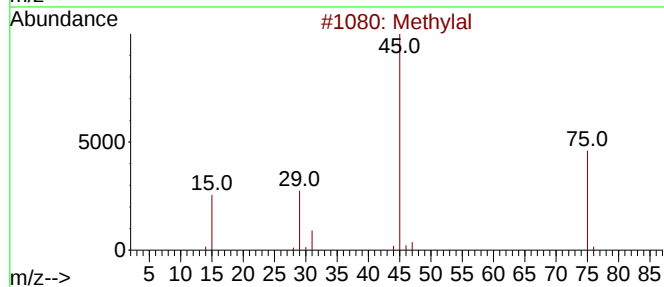
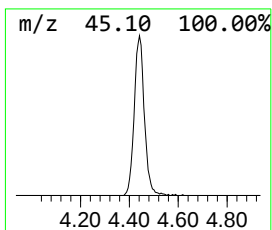
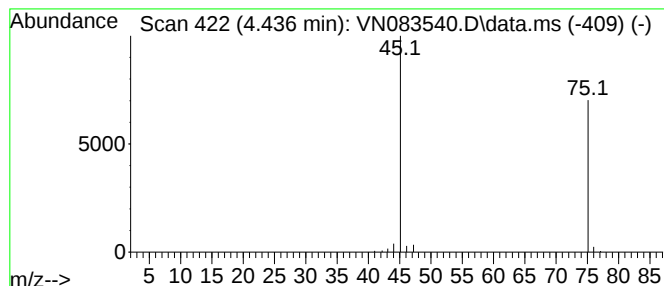
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Peak Number 2 Methylal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.436	23.98 ug/l	160772	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal			76	C3H8O2	000109-87-5	90
2	Methylal			76	C3H8O2	000109-87-5	83
3	Methylal			76	C3H8O2	000109-87-5	83
4	Methylal			76	C3H8O2	000109-87-5	83
5	Methanamine, N,N-dimethyl-, N-oxide			75	C3H9NO	001184-78-7	9



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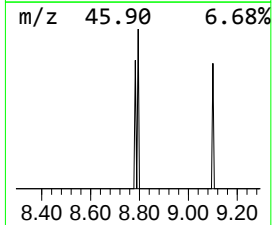
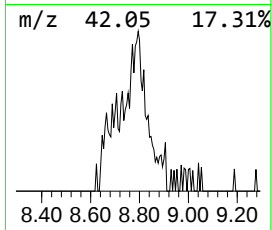
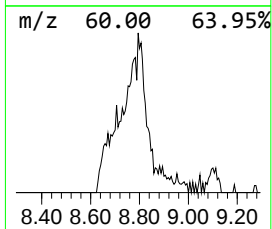
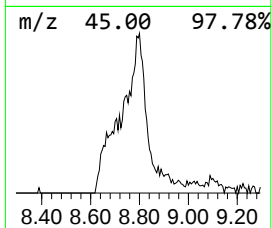
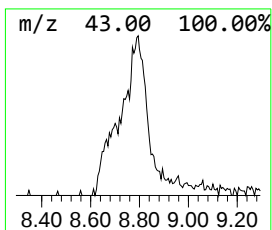
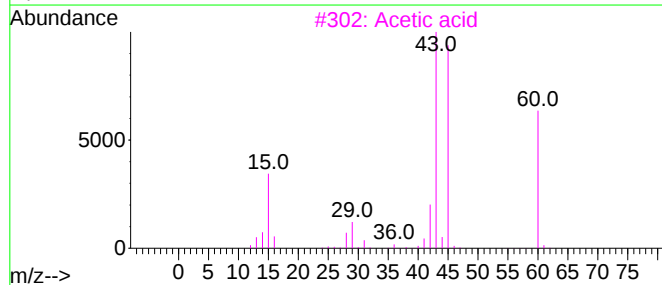
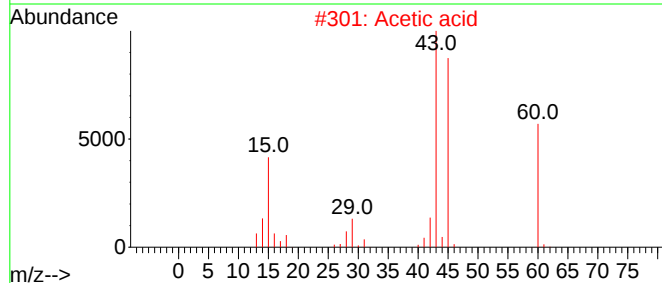
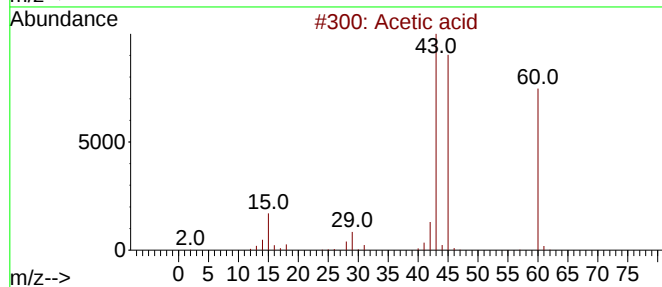
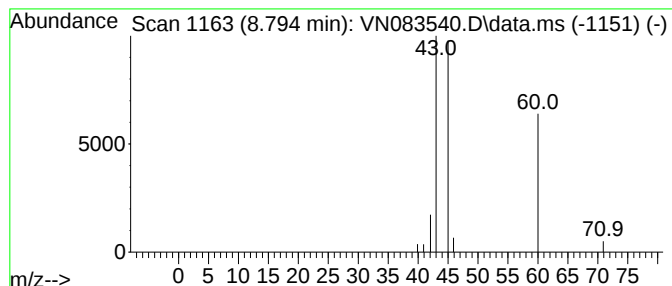
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Peak Number 3 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.794	4.96 ug/l	65063	1,4-Difluorobenzene	9.100

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid			60	C2H4O2	000064-19-7	90
2	Acetic acid			60	C2H4O2	000064-19-7	90
3	Acetic acid			60	C2H4O2	000064-19-7	90
4	Acetic acid			60	C2H4O2	000064-19-7	83
5	Acetic acid			60	C2H4O2	000064-19-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.283	55.4	ug/l	371588	1	7.812	201147	30.0
Methylal	4.436	24.0	ug/l	160772	1	7.812	201147	30.0
Acetic acid	8.794	5.0	ug/l	65063	2	9.100	393403	30.0