LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
Data File : VN080019.D
Acq On : 09 Nov 2023 02:41
Operator : JC\MD
Sample : 05249-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

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\624N110823W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN080019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.318	50	62	74	rBV	289784	1162073	65.57%	12.465%
2	2.818	144	147	157	rVB3	24151	55684	3.14%	0.597%
3	4.424	409	420	436	rBV	595085	1772186	100.00%	19.009%
4	4.712	459	469	483	rBV	82513	274911	15.51%	2.949%
5	7.488	933	941	952	rBV	37018	95561	5.39%	1.025%
6	7.818	986	997	1009	rBV	202127	516622	29.15%	5.541%
7	8.583	1114	1127	1136	rBV	210385	473484	26.72%	5.079%
8	9.106	1207	1216	1229	rBV	397931	799560	45.12%	8.576%
9	10.447	1437	1444	1454	rBV2	13837	24916	1.41%	0.267%
10	10.571	1457	1465	1470	rBV	616083	1126117	63.54%	12.079%
11	10.635	1470	1476	1488	rVV	599999	1121245	63.27%	12.027%
12	11.306	1583	1590	1598	rVB2	17606	31905	1.80%	0.342%
13	11.871	1678	1686	1697	rBV	551086	987531	55.72%	10.593%
14	12.412	1770	1778	1783	rBV2	17318	30381	1.71%	0.326%
15	12.565	1796	1804	1812	rBV2	17155	30031	1.69%	0.322%
16	12.853	1845	1853	1861	rBV	372849	638108	36.01%	6.845%
17	13.518	1957	1966	1970	rVV8	8760	24086	1.36%	0.258%
18	13.576	1970	1976	1981	rVV8	13729	34315	1.94%	0.368%
19	13.735	1994	2003	2006	rBV4	18704	37194	2.10%	0.399%
20	13.817	2014	2017	2022	rVV6	9760	20664	1.17%	0.222%
21	13.876	2022	2027	2033	rVB2	18377	32138	1.81%	0.345%
22	14.559	2136	2143	2150	rBV3	19761	34088	1.92%	0.366%

Sum of corrected areas: 9322800

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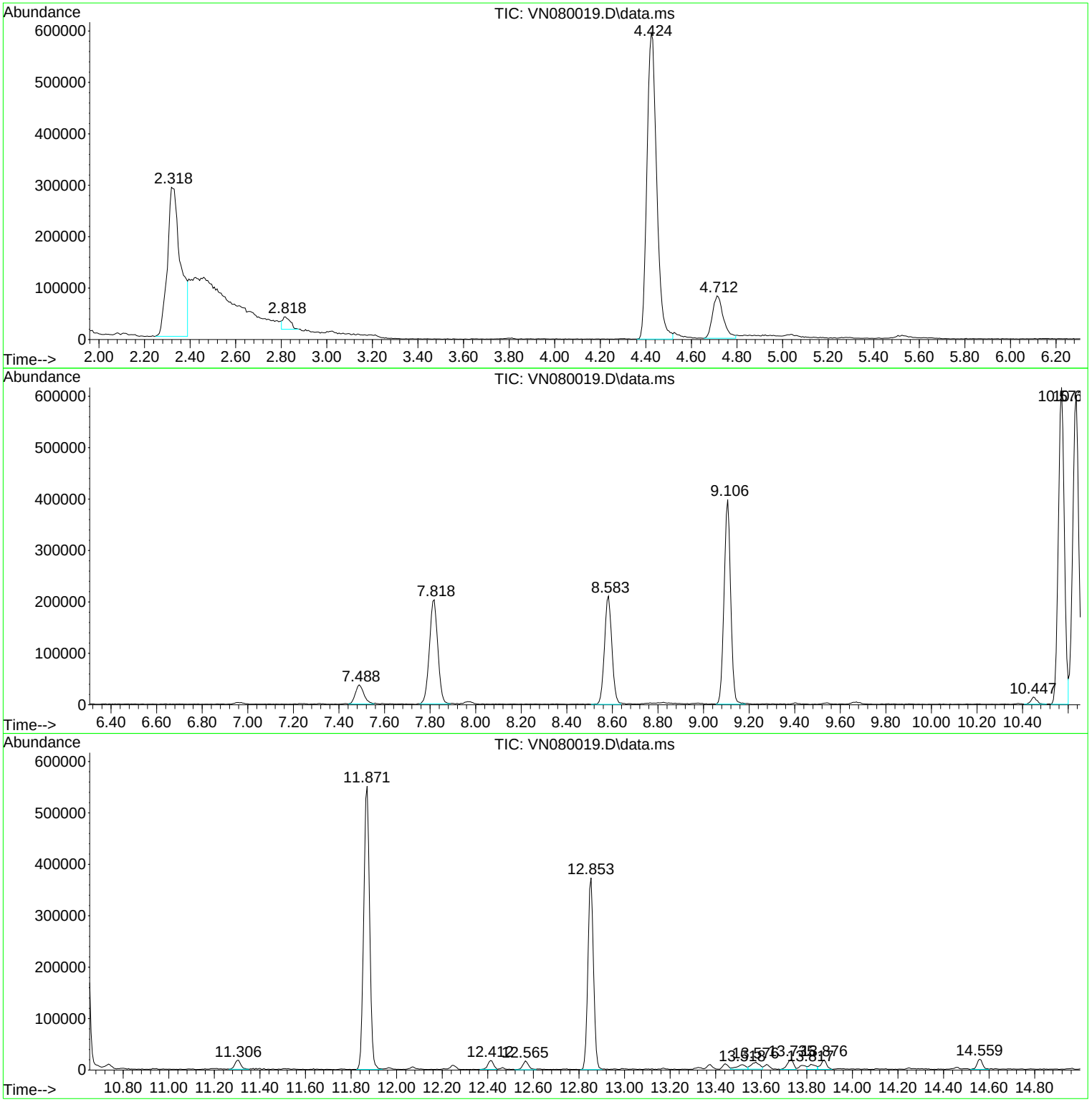
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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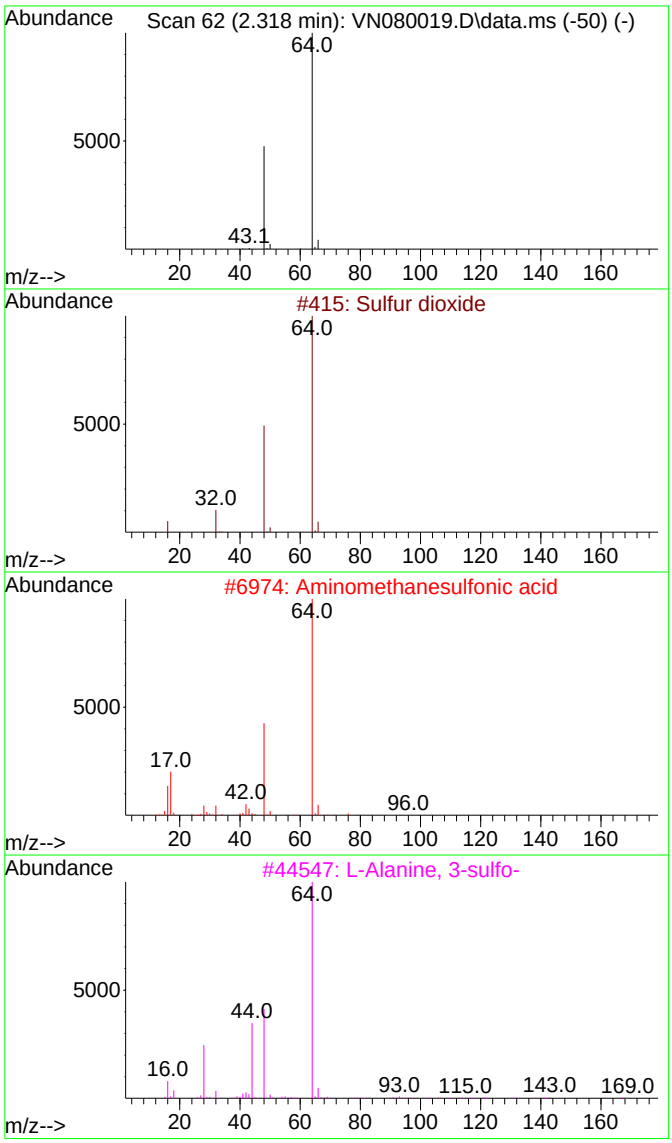
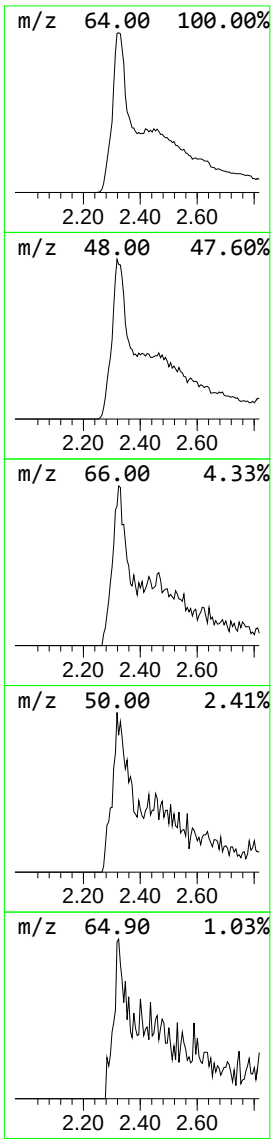
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	67.48 ug/l	1162070	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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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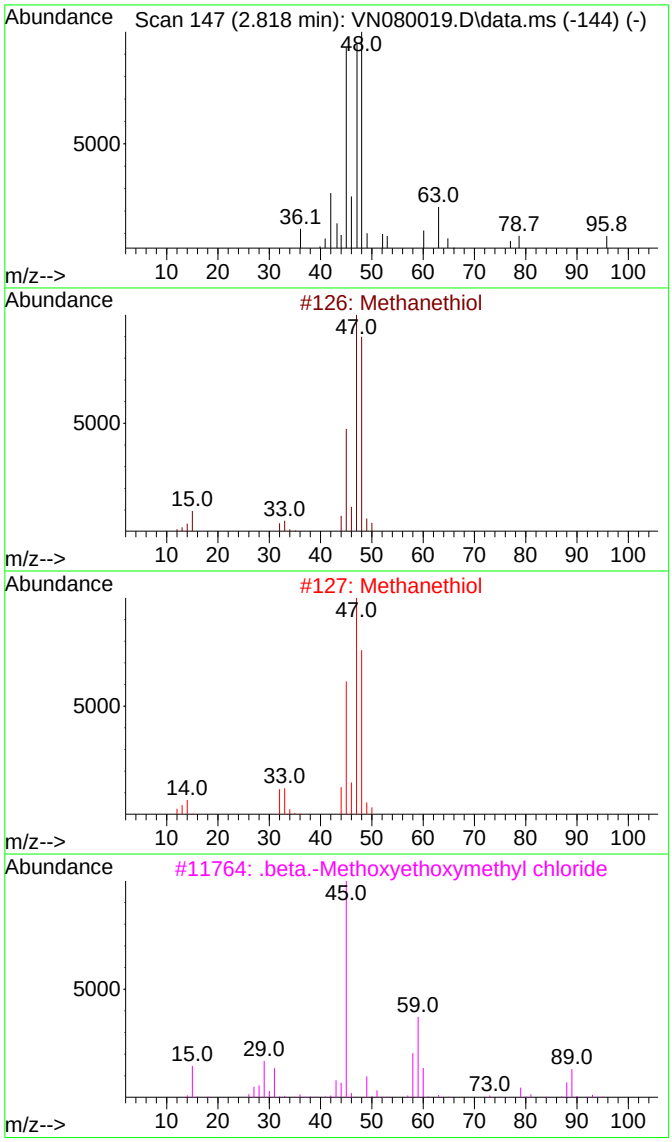
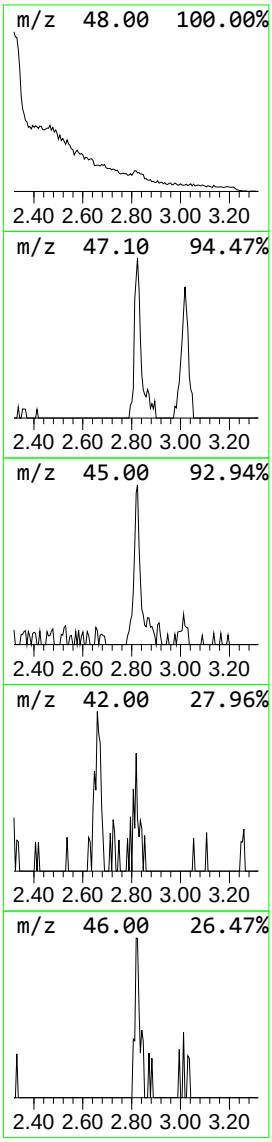
****

Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.818	3.23 ug/l	55684	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	50
2	Methanethiol	48	CH4S	000074-93-1	37
3	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	9
4	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	9
5	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	9





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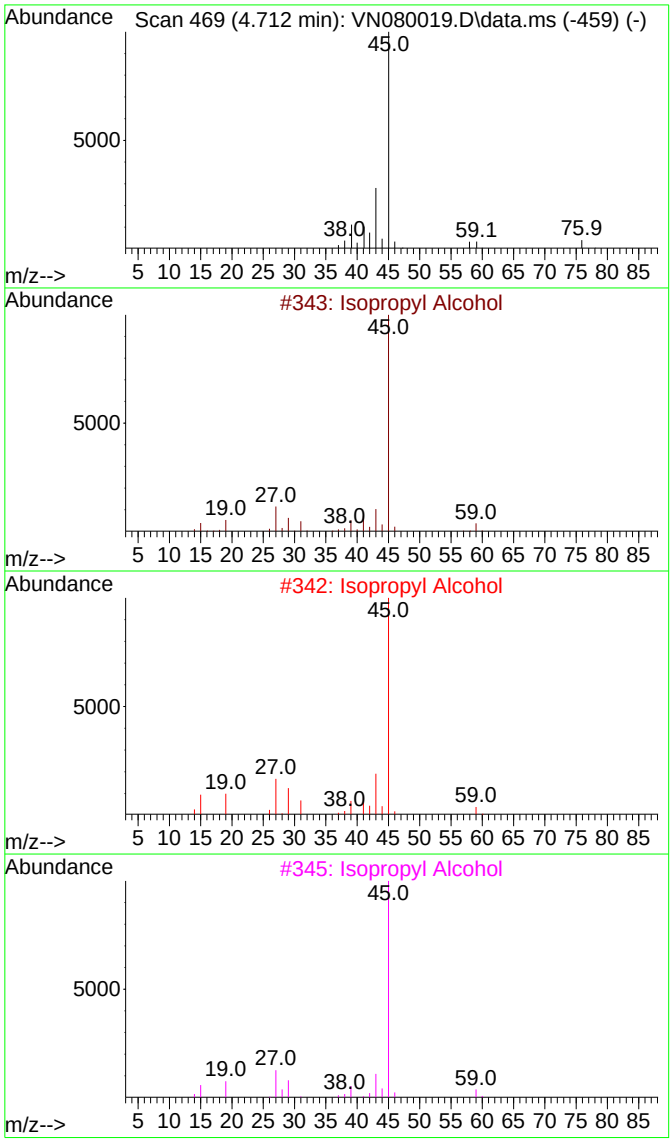
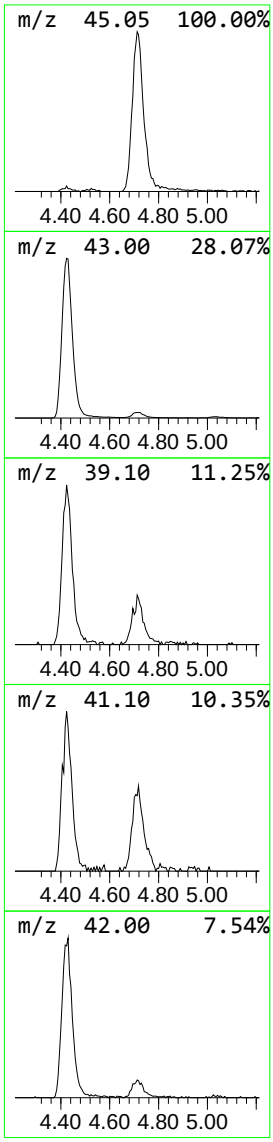
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	15.96 ug/l	274911	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.318	67.5	ug/l	1162070	1	7.818	516622	30.0
Methanethiol	2.818	3.2	ug/l	55684	1	7.818	516622	30.0
Isopropyl Alcohol	4.712	16.0	ug/l	274911	1	7.818	516622	30.0