

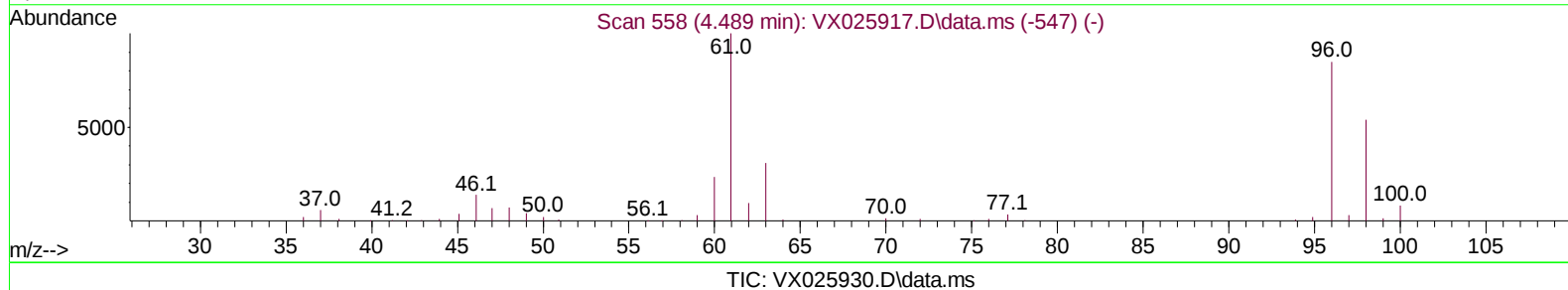
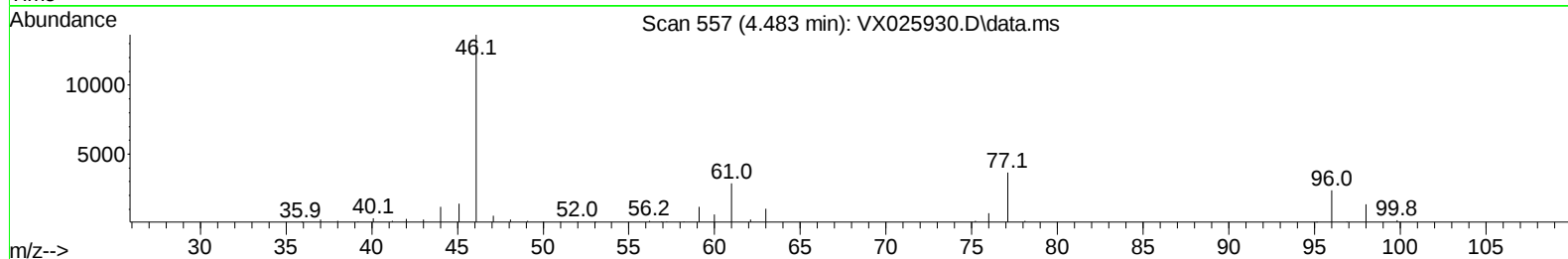
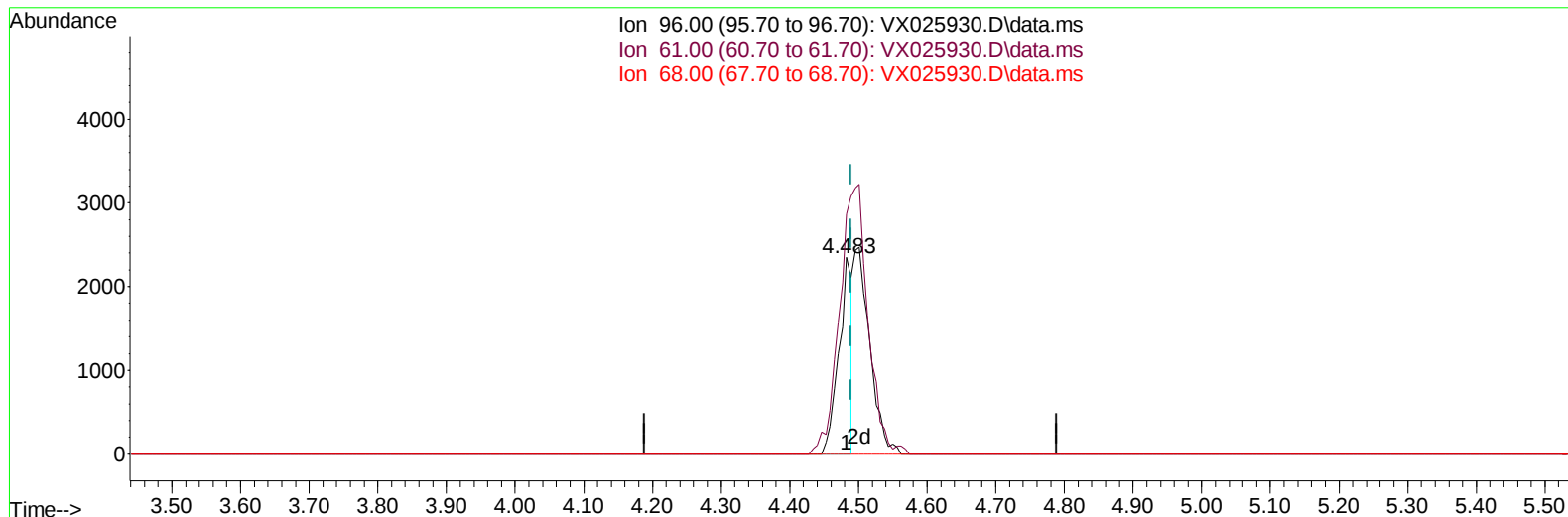
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
Data File : VX025930.D
Acq On : 20 Dec 2021 21:35
Operator : JC/MD
Sample : M5150-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBBW8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 21 02:05:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 21 01:32:07 2021
Response via : Initial Calibration

**(20) cis-1,2-Dichloroethene (T)**

4.483min (-0.006) 2.43 ug/L

response 3077

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	117.50	122.06
68.00	0.00	0.00
0.00	0.00	0.00

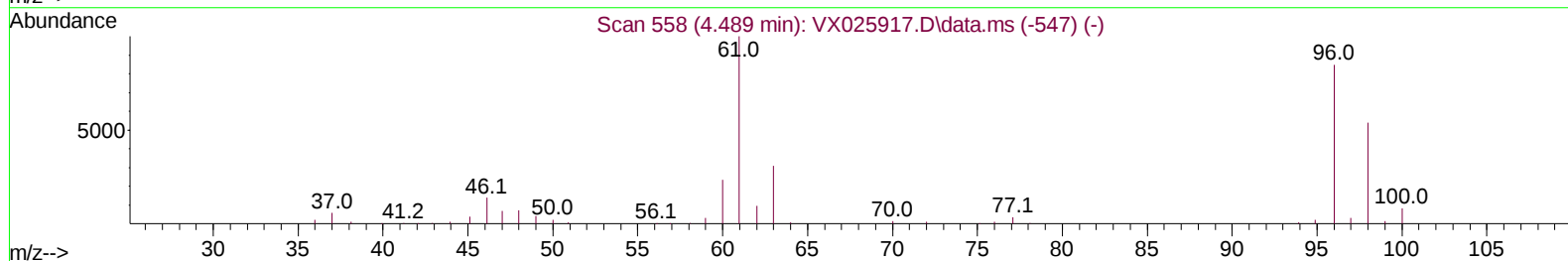
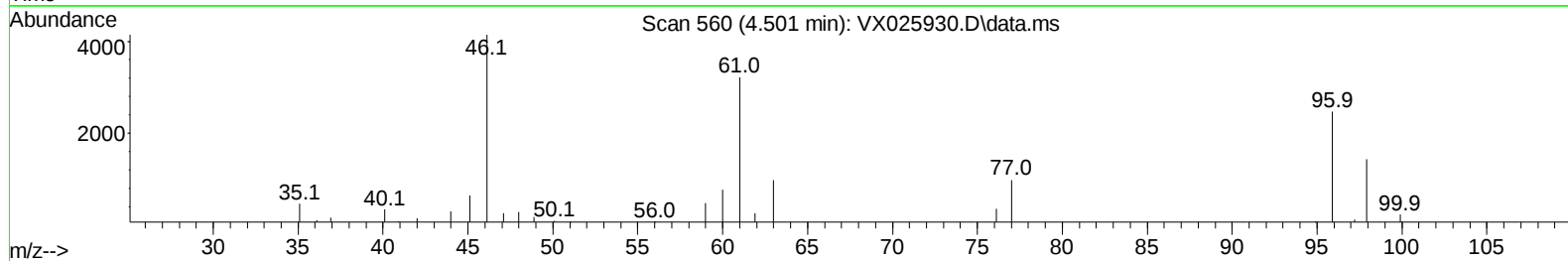
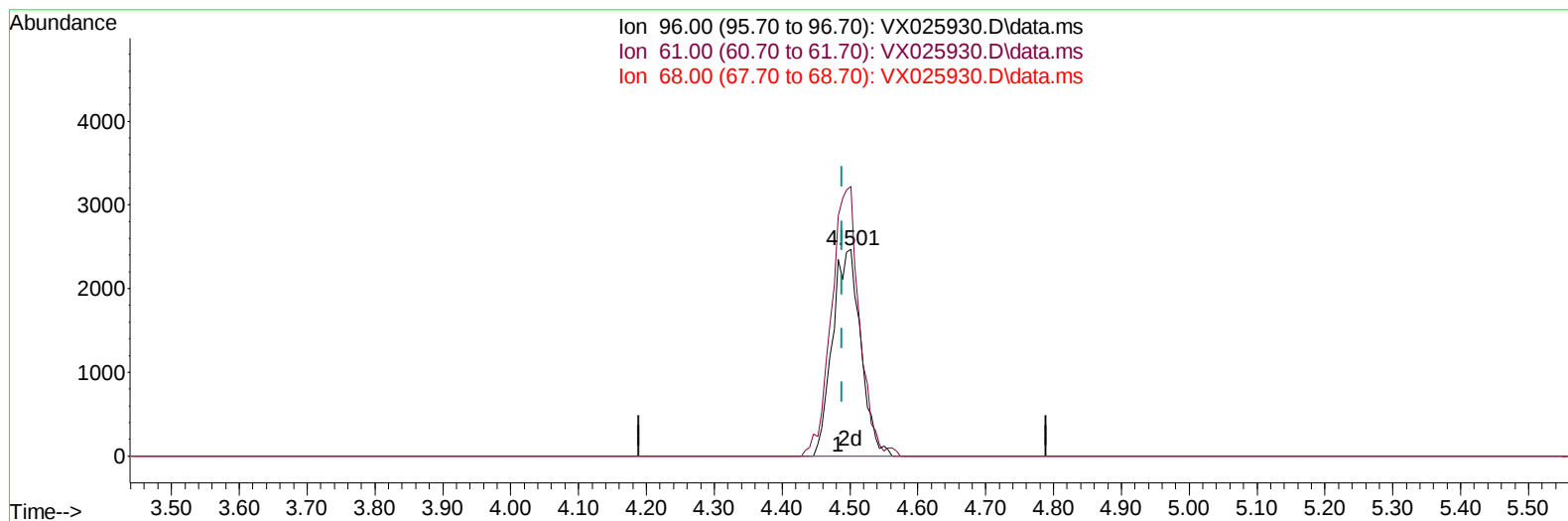
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TIC: VX025930.D\data.ms

(20) cis-1,2-Dichloroethene (T)

4.501min (+ 0.012) 5.64 ug/L m

response 7146

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	117.50	130.47
68.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151451	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64083	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57846	47.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.760%		
7) Chloroethane-d5	1.666	69	51672	50.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.360%		
11) 1,1-Dichloroethene-d2	2.307	63	82317	38.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.640%		
21) 2-Butanone-d5	4.452	46	94537	107.325	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.330%		
24) Chloroform-d	5.062	84	115934	49.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.060%		
26) 1,2-Dichloroethane-d4	5.958	65	79732	52.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.460%		
32) Benzene-d6	5.977	84	231377	51.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.680%		
36) 1,2-Dichloropropane-d6	7.312	67	69587	50.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.380%		
41) Toluene-d8	8.653	98	211682	49.468	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.940%		
43) trans-1,3-Dichloroprop...	8.952	79	26179	43.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.380%		
47) 2-Hexanone-d5	9.384	63	64239	104.107	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.110%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96803	49.780	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.560%		
66) 1,2-Dichlorobenzene-d4	12.323	152	69575	51.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.020%		
Target Compounds						Qvalue
13) Acetone	2.380	43	7179	10.187	ug/L	90
20) cis-1,2-Dichloroethene	4.501	96	7146m	5.635	ug/L	
27) 1,2-Dichloroethane	6.098	62	2761	1.563	ug/L	97
34) Trichloroethene	7.129	95	14061	11.549	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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