

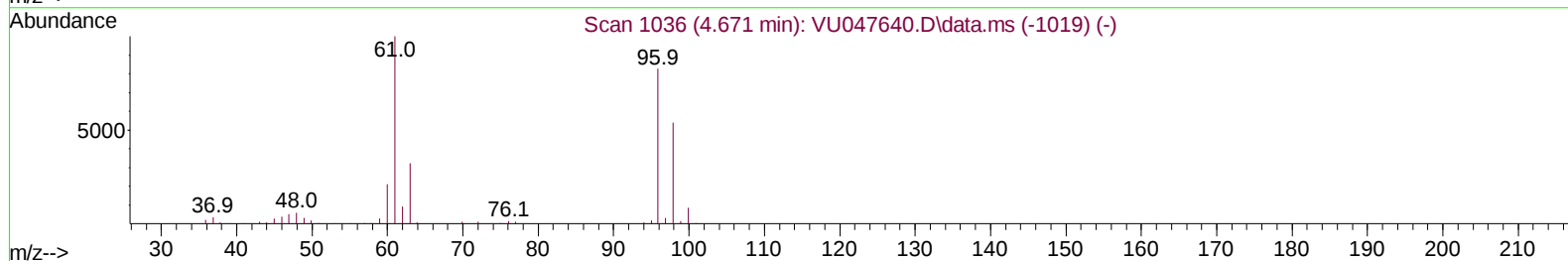
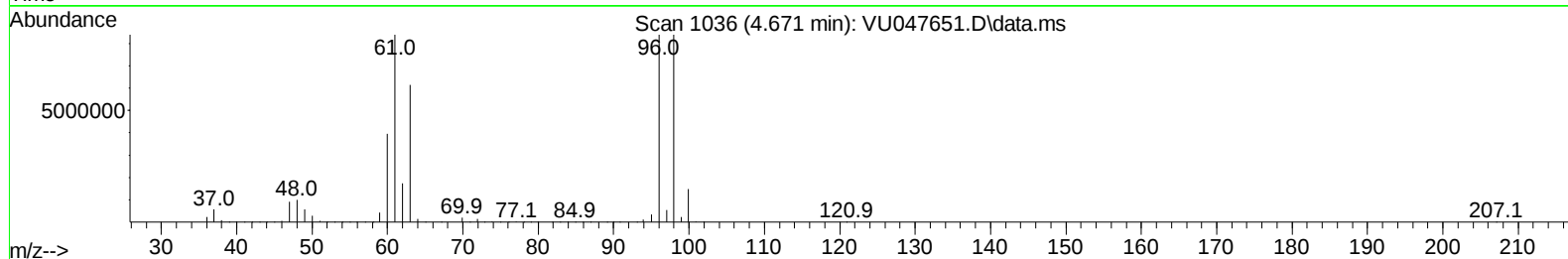
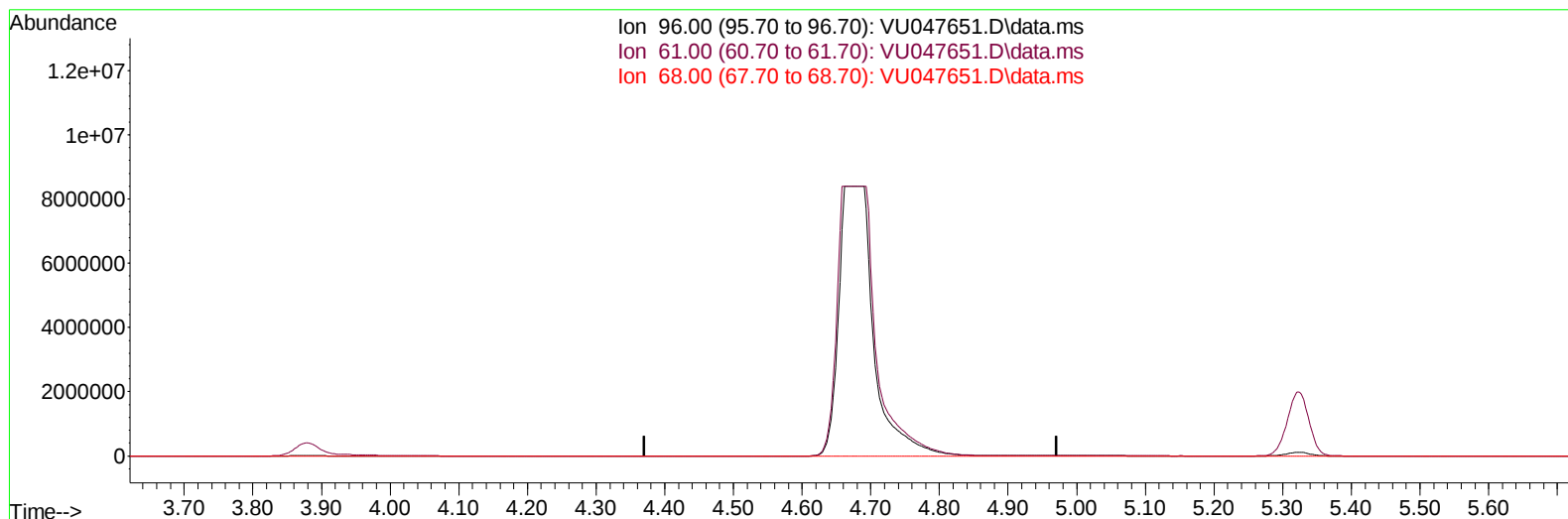
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 24 23:51:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration



TIC: VU047651.D\data.ms

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

4.671min (-4.671) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	115.30	0.00#
68.00	0.00	0.00
0.00	0.00	0.00

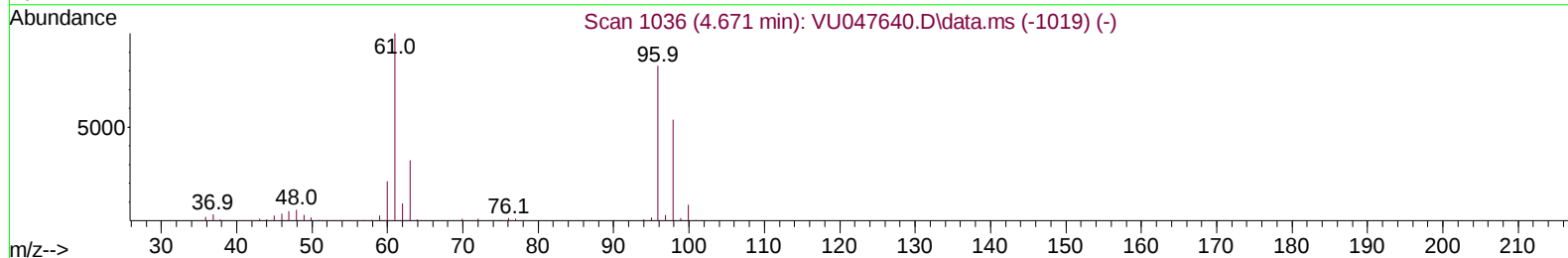
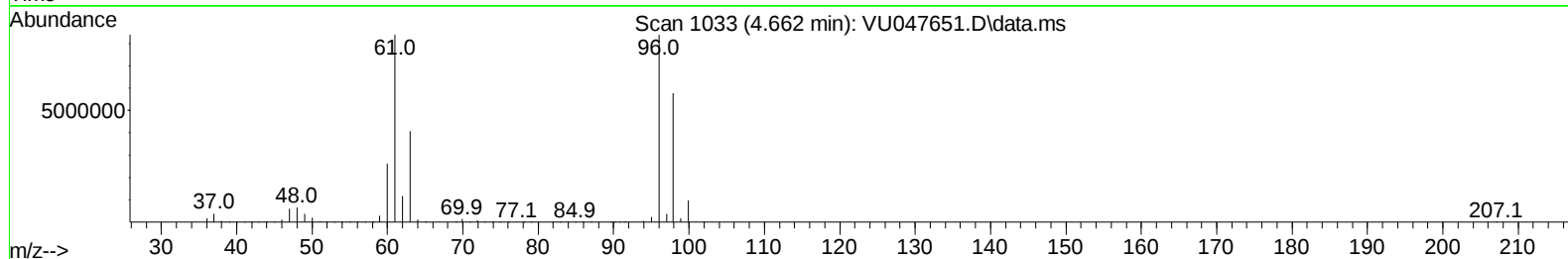
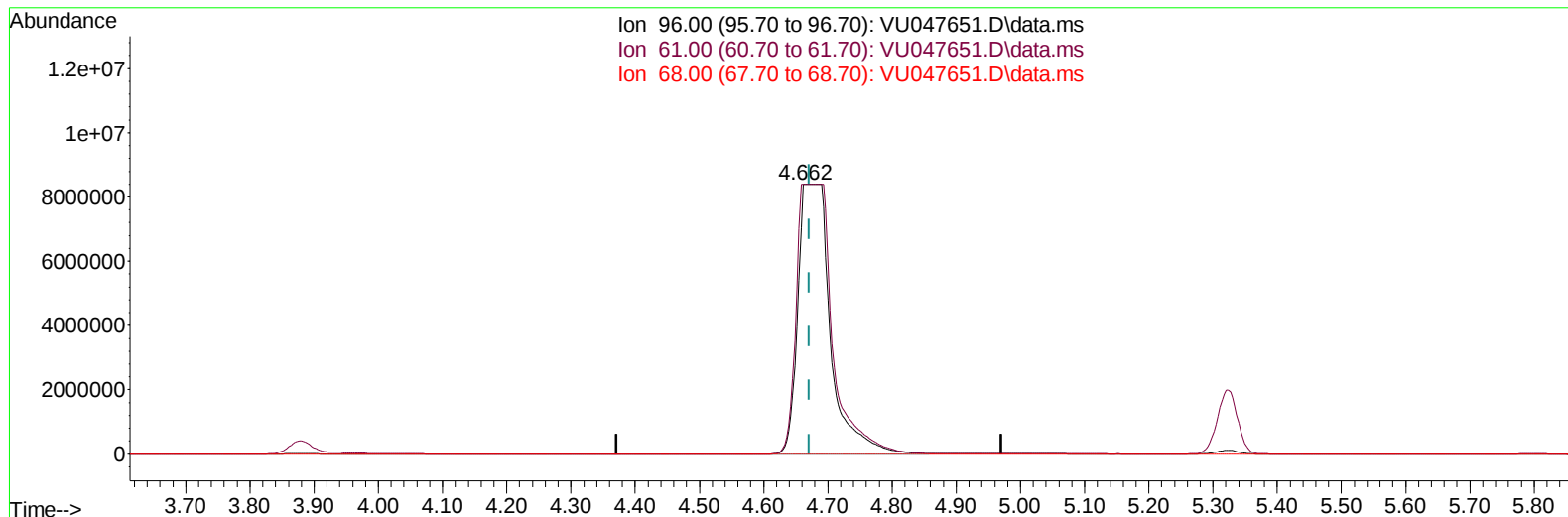
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TIC: VU047651.D\data.ms

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

4.662min (-0.010) 12037.70 ug/L m

response 29598207

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	115.30	100.00
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	6.250	114	303132	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	312574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193498	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100680	45.801	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	91.600%	
7) Chloroethane-d5	1.919	69	79753	46.013	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.020%	
11) 1,1-Dichloroethene-d2	2.584	63	344318	85.613	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	171.220%#	
21) 2-Butanone-d5	4.658	46	247447	131.149	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	131.150%#	
24) Chloroform-d	5.070	84	187246	46.554	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.100%	
26) 1,2-Dichloroethane-d4	5.707	65	119877	48.595	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.200%	
32) Benzene-d6	5.732	84	385968	49.073	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.140%	
36) 1,2-Dichloropropane-d6	6.694	67	123005	50.924	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	101.840%	
41) Toluene-d8	7.899	98	380179	49.612	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.220%	
43) trans-1,3-Dichloroprop...	8.179	79	61664	50.390	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.780%	
47) 2-Hexanone-d5	8.636	63	153159	108.314	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.310%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206239	49.751	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	99.500%	
66) 1,2-Dichlorobenzene-d4	12.192	152	181709	52.784	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.560%	

Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	316536	115.480	ug/L	99
8) Chloroethane	1.938	64	100973	58.681	ug/L	98
9) Trichlorofluoromethane	2.144	101	14135	3.657	ug/L	89
12) 1,1-Dichloroethene	2.588	96	404507	194.535	ug/L #	74
13) Acetone	2.655	43	11666	6.644	ug/L	64
15) Methyl Acetate	2.964	43	3373	1.205	ug/L #	81
16) Methylene chloride	3.054	84	10037	4.206	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	362453	161.608	ug/L	95
19) 1,1-Dichloroethane	3.877	63	15457161	3996.128	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	29598207m	12037.697	ug/L	
27) 1,2-Dichloroethane	5.797	62	140478	43.662	ug/L	97
29) Cyclohexane	5.391	56	8677	2.736	ug/L	87
30) 1,1,1-Trichloroethane	5.324	97	9985395	2817.338	ug/L	99
33) Benzene	5.777	78	128146	14.164	ug/L	100
34) Trichloroethene	6.546	95	22399	9.443	ug/L	95
35) Methylcyclohexane	6.764	83	27473	7.613	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	147228	40.501	ug/L	98
42) Toluene	7.970	91	2212137	222.834	ug/L	99

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

45) 1,1,2-Trichloroethane	8.401	97	16874	6.917	ug/L	99
46) Tetrachloroethene	8.555	164	16543	7.761	ug/L	95
52) Ethylbenzene	9.571	91	1137582	108.982	ug/L	99
53) m,p-Xylene	9.693	106	1554675	379.583	ug/L	99
54) o-Xylene	10.102	106	905842	225.343	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	4107	0.898	ug/L	96
61) Isopropylbenzene	10.484	105	192137	18.373	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	1488004	262.248	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	6773271	785.879	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	20925	3.598	ug/L	97

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

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