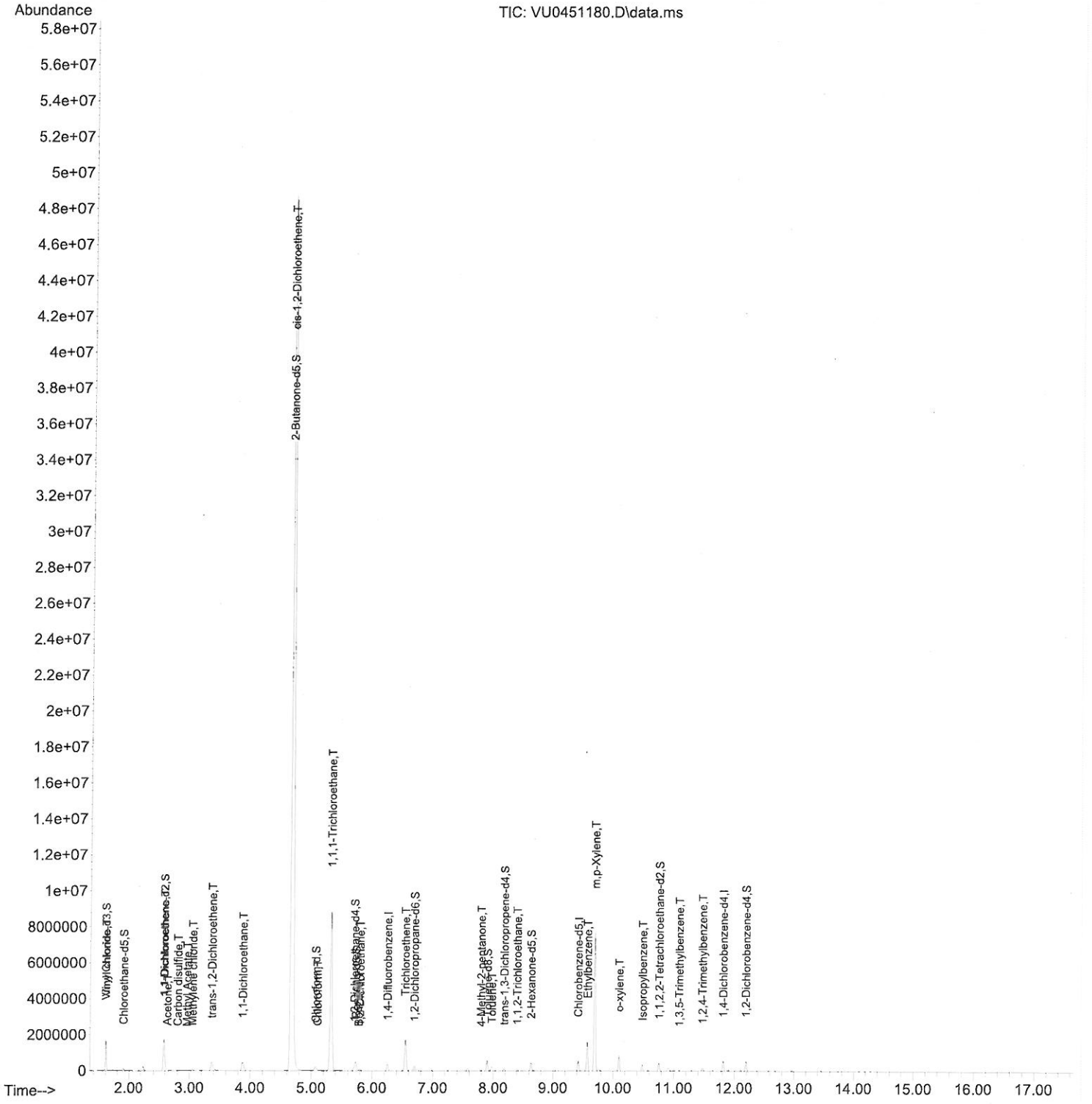
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 07 03:01:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Manual Integrations APPROVED
MMDadoda
10/11/2021 12:35:22 PM



Quantitation Report (Qedit)

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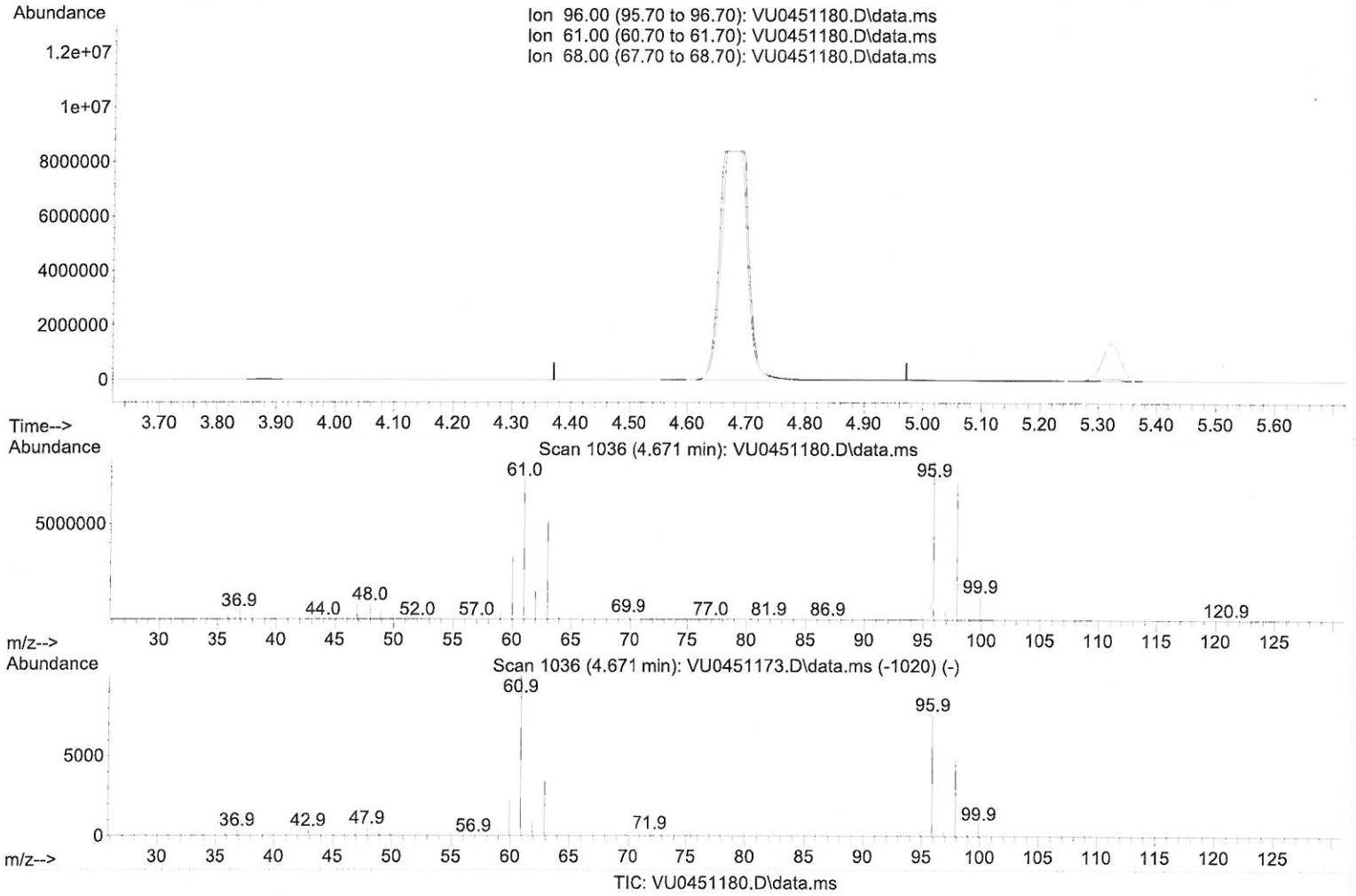

TIC: VU0451180.D\data.ms

(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	143.10	0.00#
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
MMDadoda
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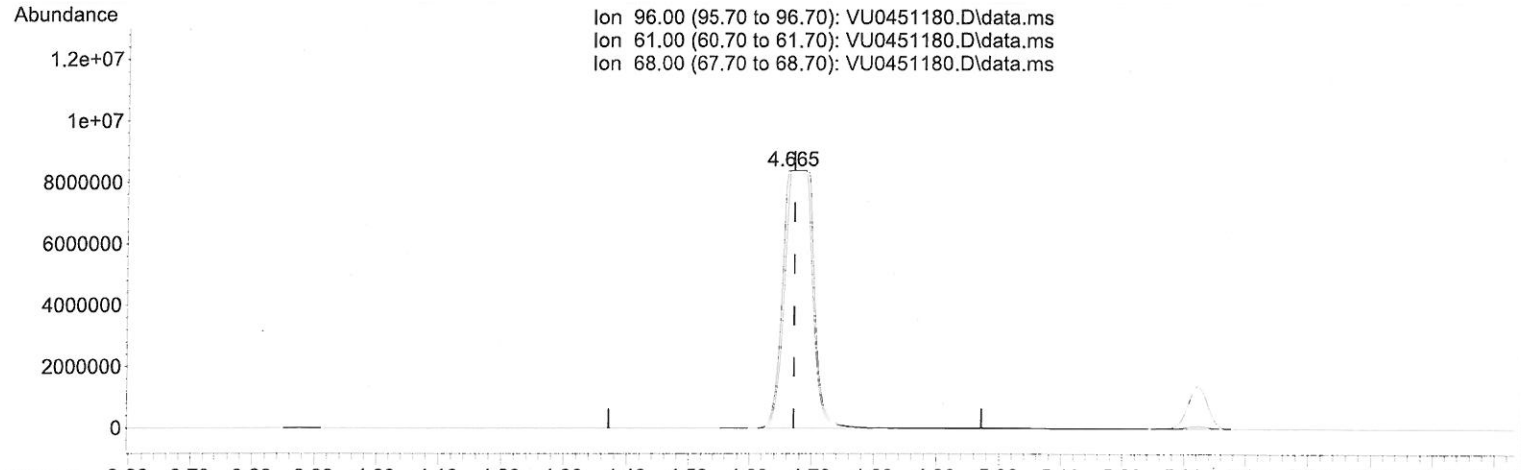

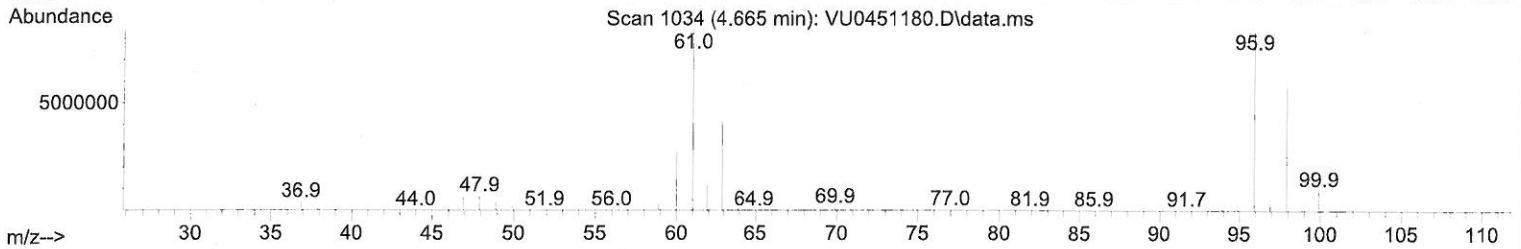

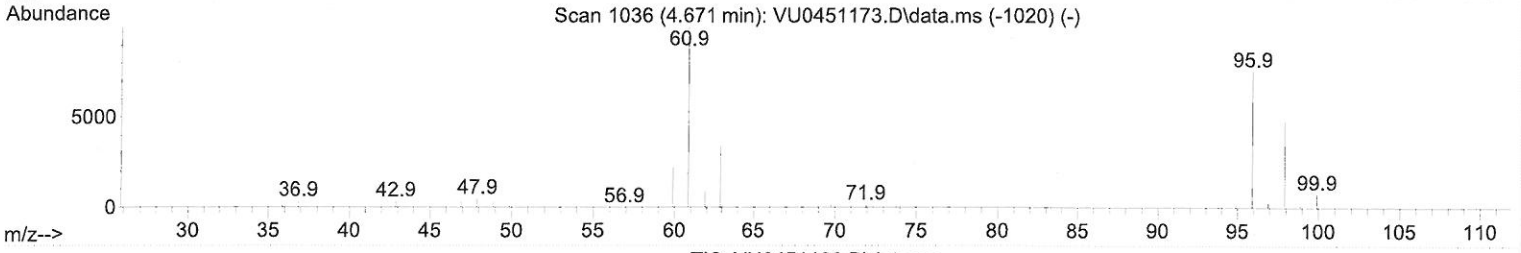

TIC: VU0451180.D\data.ms

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

4.665min (-0.006) 9914.29 ug/L m

response 25825958

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	143.10	100.00#
68.00	0.00	0.00#
0.00	0.00	0.00

SY/MD 10/19/21

Quantitation Report (QT Reviewed)

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ClientSampleId : C0AM2

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	289790	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	290749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	136162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	111577	35.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.340%			
7) Chloroethane-d5	1.906	69	95376	37.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.880%			
11) 1,1-Dichloroethene-d2	2.578	63	496127	93.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 186.260%#			
21) 2-Butanone-d5	4.661	46	256337	102.209	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.210%			
24) Chloroform-d	5.070	84	193453	38.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.220%			
26) 1,2-Dichloroethane-d4	5.706	65	141528	41.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.400%			
32) Benzene-d6	5.732	84	405110	40.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.300%			
36) 1,2-Dichloropropane-d6	6.697	67	134743	40.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.920%			
41) Toluene-d8	7.902	98	363301	41.727	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.460%			
43) trans-1,3-Dichloroprop...	8.182	79	60655	41.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.900%			
47) 2-Hexanone-d5	8.635	63	158669	87.036	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.040%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214672	41.907	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.820%			
66) 1,2-Dichlorobenzene-d4	12.195	152	133648	45.102	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1001815	295.652	ug/L	100
12) 1,1-Dichloroethene	2.581	96	619659	276.128	ug/L #	68
13) Acetone	2.632	43	31429	10.841	ug/L	98
14) Carbon disulfide	2.803	76	112681	15.673	ug/L	99
15) Methyl Acetate	2.954	43	3815	1.067	ug/L	98
16) Methylene chloride	3.050	84	35990	12.659	ug/L	95
17) trans-1,2-Dichloroethene	3.366	96	291564	123.336	ug/L	99
19) 1,1-Dichloroethane	3.877	63	619093	125.884	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	25825958m	9914.291	ug/L	
25) Chloroform	5.099	83	10706	2.190	ug/L	96
27) 1,2-Dichloroethane	5.800	62	35054	8.572	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	6282637	1560.993	ug/L	98
33) Benzene	5.777	78	18184	1.686	ug/L	100
34) Trichloroethene	6.546	95	578677	223.415	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	18936	3.861	ug/L	100
42) Toluene	7.973	91	155818	14.221	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	38195	14.355	ug/L	98
52) Ethylbenzene	9.574	91	1110831	95.970	ug/L	100
53) m,p-Xylene	9.697	106	2048390	467.156	ug/L	99

SY/MD 10/19/21

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Manual Integrations APPROVED
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10/11/2021 12:35:22 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	10.102	106	222868	51.724	ug/L	99
61) Isopropylbenzene	10.487	105	243869	24.473	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	13491	1.621	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	98326	11.538	ug/L	98

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