Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
Data File : VU041970.D
Acq On : 12 Jan 2021 15:43
Operator : SY/MD
Sample : L5214-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 13 06:03:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 05:59:10 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-01

Manual Integrations APPROVED
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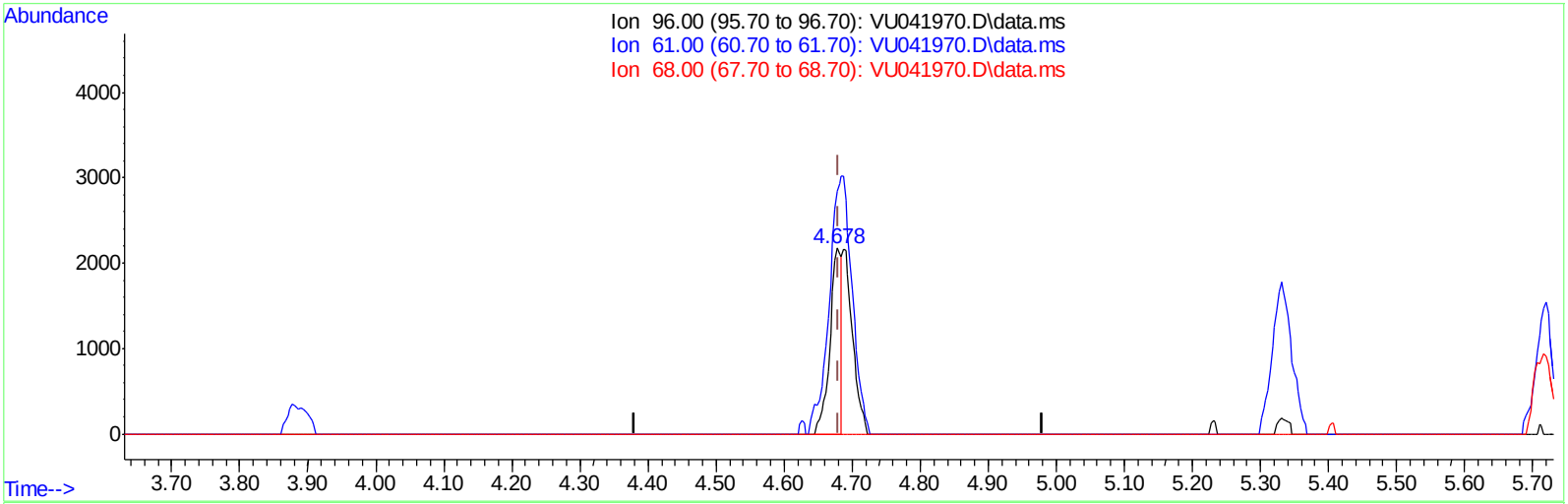

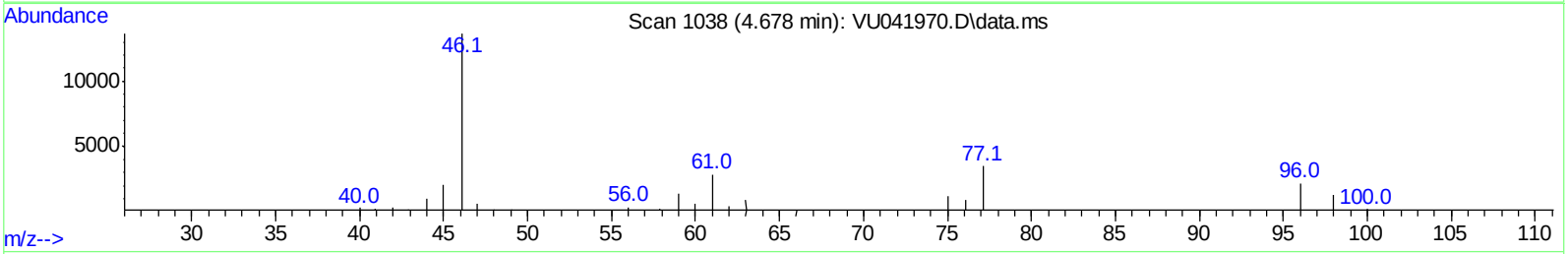

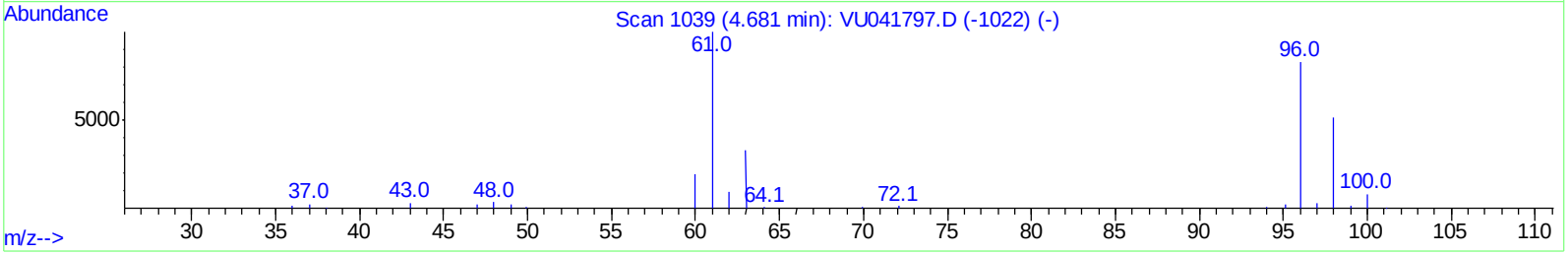

TIC: VU041970.D\data.ms

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

4.678min (-0.003) 1.07 ug/L

response 2578

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	134.20	130.88
68.00	0.00	0.00
0.00	0.00	0.00

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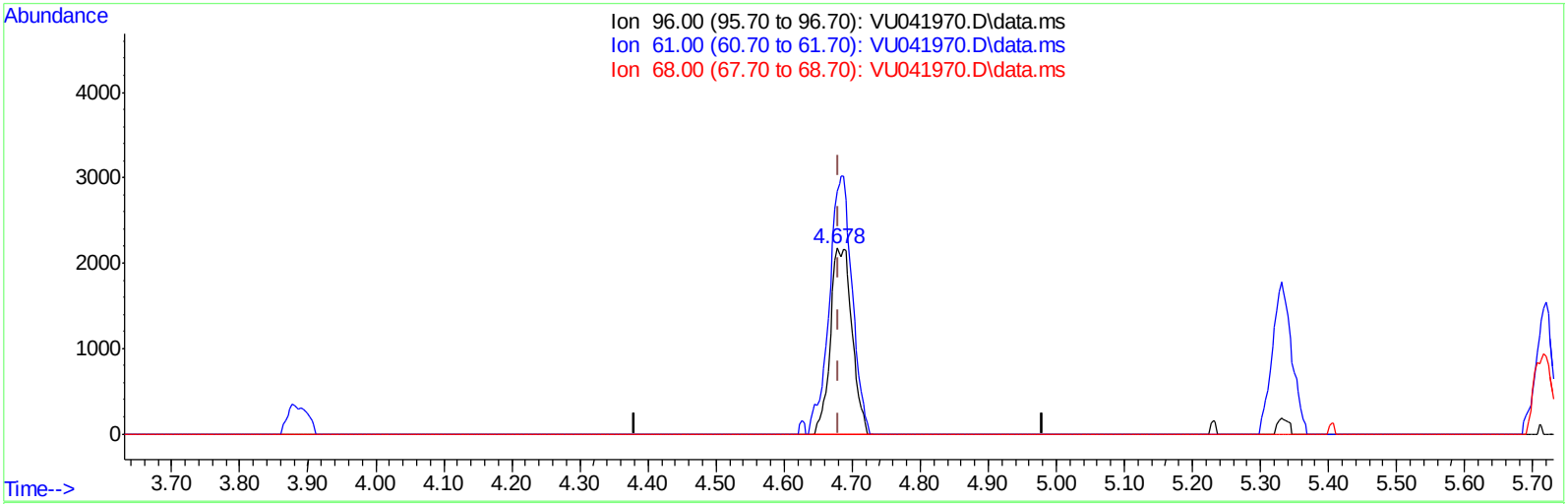

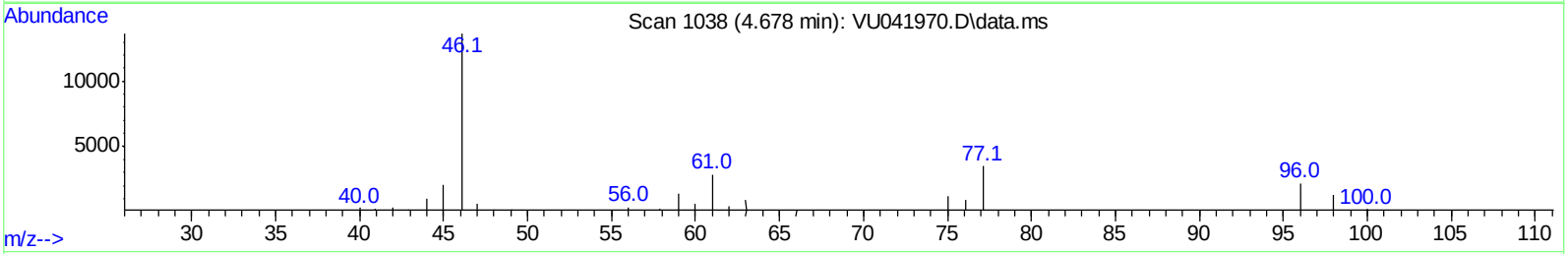

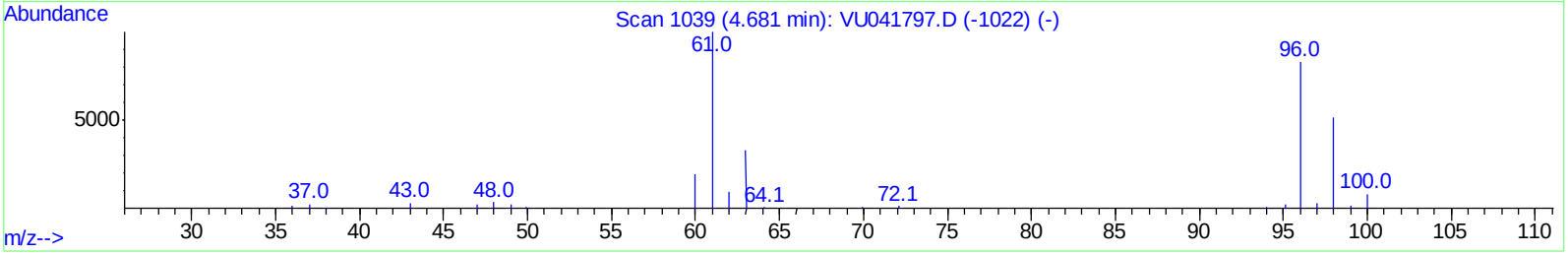

TIC: VU041970.D\data.ms

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

4.678min (-0.003) 2.00 ug/L m

response 4796

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	134.20	130.88
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jan 13 06:03:59 2021
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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	277505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	224622	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101437	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137634	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.44%			
7) Chloroethane-d5	1.916	69	113666	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.575	63	172812	34.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.94%			
21) 2-Butanone-d5	4.642	46	206148	89.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.35%			
24) Chloroform-d	5.080	84	203817	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.70%			
26) 1,2-Dichloroethane-d4	5.716	65	144072	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.60%			
32) Benzene-d6	5.742	84	437941	55.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.58%			
36) 1,2-Dichloropropane-d6	6.703	67	140124	55.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.78%			
41) Toluene-d8	7.906	98	349612	52.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.76%			
43) trans-1,3-Dichloroprop...	8.186	79	62452	50.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.92%			
47) 2-Hexanone-d5	8.639	63	131771	97.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.41%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	169818	46.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.68%			
66) 1,2-Dichlorobenzene-d4	12.189	152	110393	52.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5663	2.13	ug/L	95
3) Chloromethane	1.523	50	7562	2.44	ug/L	98
5) Vinyl chloride	1.607	62	7643	2.40	ug/L #	56
6) Bromomethane	1.861	94	4243	2.18	ug/L	95
8) Chloroethane	1.938	64	5033	2.58	ug/L	95
9) Trichlorofluoromethane	2.144	101	8869	2.22	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	6193	2.79	ug/L #	84
12) 1,1-Dichloroethene	2.588	96	5968	2.82	ug/L #	1
13) Acetone	2.646	43	8659	4.44	ug/L	89
14) Carbon disulfide	2.803	76	14244	2.08	ug/L	96
15) Methyl Acetate	2.967	43	6455	2.11	ug/L	100
16) Methylene chloride	3.060	84	5701	2.32	ug/L	96
17) trans-1,2-Dichloroethene	3.366	96	4636	2.08	ug/L	95
18) Methyl tert-butyl Ether	3.379	73	15008	2.08	ug/L	99
19) 1,1-Dichloroethane	3.890	63	9149	2.08	ug/L	96
20) cis-1,2-Dichloroethene	4.678	96	4796m	2.00	ug/L	
22) 2-Butanone	4.729	43	9773	3.81	ug/L	93
23) Bromochloromethane	4.993	128	2315	2.01	ug/L	80
25) Chloroform	5.105	83	10403	2.38	ug/L	95
27) 1,2-Dichloroethane	5.806	62	7777	2.32	ug/L	98

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1/13/2021 12:19:22 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Cyclohexane	5.407	56	7208	2.13	ug/L		96
30) 1,1,1-Trichloroethane	5.330	97	7344	2.19	ug/L	#	82
31) Carbon tetrachloride	5.543	117	6370	2.29	ug/L		95
33) Benzene	5.790	78	22382	2.69	ug/L		100
34) Trichloroethene	6.552	95	5586	2.73	ug/L		97
35) Methylcyclohexane	6.774	83	8183	2.72	ug/L	#	91
37) 1,2-Dichloropropane	6.803	63	5544	2.54	ug/L	#	97
38) Bromodichloromethane	7.118	83	6120	2.25	ug/L		96
39) cis-1,3-Dichloropropene	7.616	75	7534	2.35	ug/L		97
40) 4-Methyl-2-pentanone	7.800	43	15665	4.64	ug/L		96
42) Toluene	7.973	91	19539	2.46	ug/L		98
44) trans-1,3-Dichloropropene	8.214	75	7594	2.46	ug/L		92
45) 1,1,2-Trichloroethane	8.407	97	4683	2.46	ug/L		89
46) Tetrachloroethene	8.555	164	3064	2.38	ug/L		92
48) 2-Hexanone	8.690	43	13834	4.95	ug/L		96
49) Dibromochloromethane	8.813	129	4418	2.18	ug/L		98
50) 1,2-Dibromoethane	8.928	107	4407	2.20	ug/L	#	97
51) Chlorobenzene	9.449	112	11738	2.41	ug/L		93
52) Ethylbenzene	9.571	91	17868	2.11	ug/L		98
53) m,p-Xylene	9.697	106	7094	2.31	ug/L		91
54) o-xylene	10.099	106	6376	2.15	ug/L		89
55) Styrene	10.111	104	10639	2.04	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.780	83	7583	2.15	ug/L		95
59) Bromoform	10.292	173	3229	2.45	ug/L	#	91
60) 1,2,3-Trichloropropane	10.822	75	6467	2.44	ug/L		99
61) Isopropylbenzene	10.481	105	16304	2.29	ug/L		99
62) 1,3,5-Trimethylbenzene	11.086	105	12977	2.15	ug/L		99
63) 1,2,4-Trimethylbenzene	11.465	105	11802	1.96	ug/L		96
64) 1,3-Dichlorobenzene	11.742	146	7596	2.34	ug/L		95
65) 1,4-Dichlorobenzene	11.832	146	7950	2.45	ug/L		95
67) 1,2-Dichlorobenzene	12.208	146	7849	2.36	ug/L		94
68) 1,2-Dibromo-3-chloropr...	12.989	75	1760	2.09	ug/L		96
69) 1,3,5-Trichlorobenzene	13.211	180	5428	2.47	ug/L		98
70) 1,2,4-trichlorobenzene	13.832	180	4303	2.54	ug/L		98
71) Naphthalene	14.076	128	7229	1.24	ug/L	#	91
72) 1,2,3-Trichlorobenzene	14.317	180	4043	2.33	ug/L		97

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

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