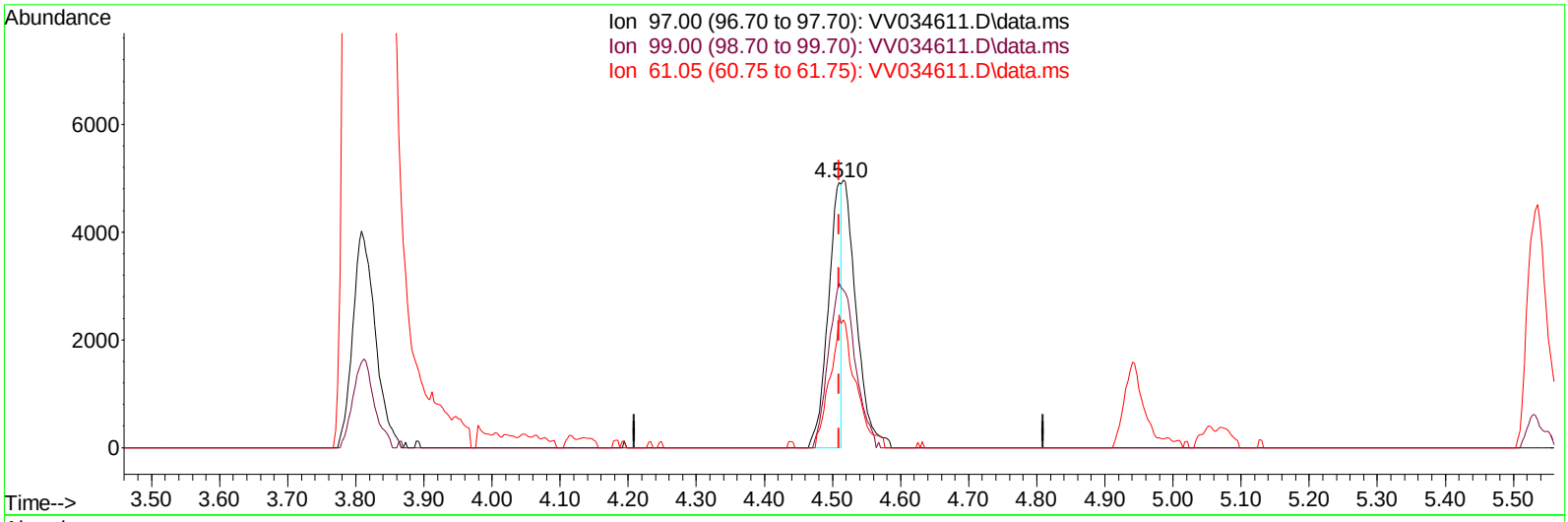
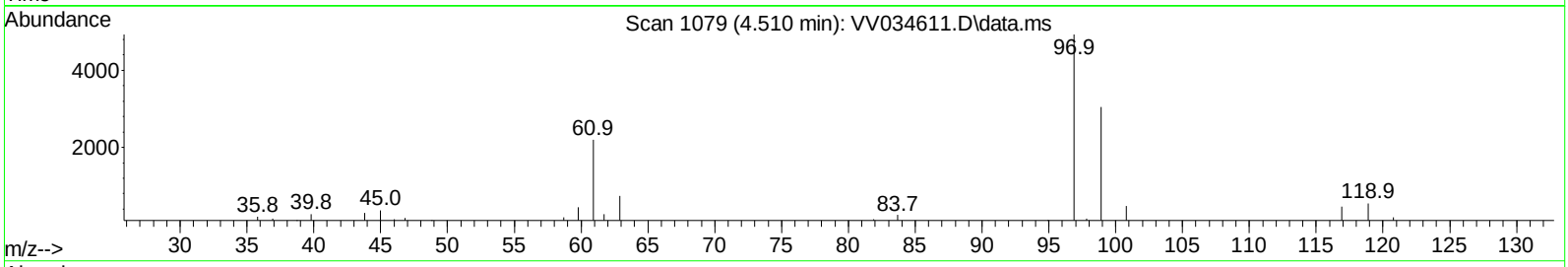
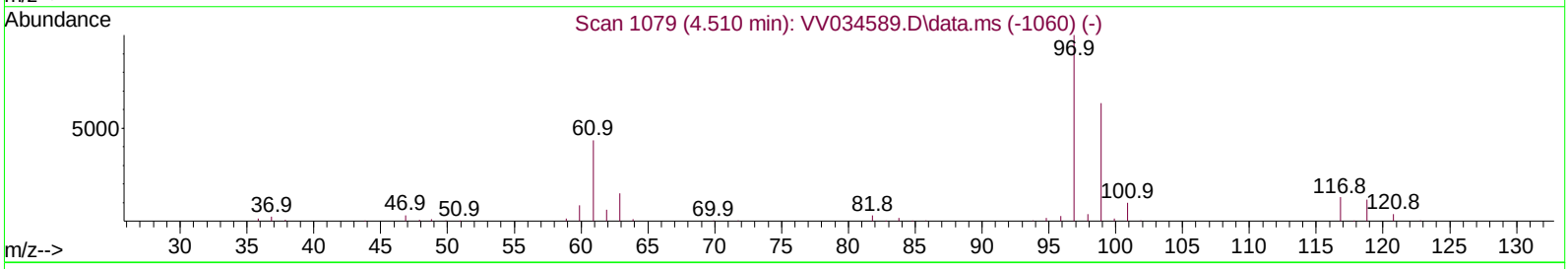
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
Data File : VV034611.D
Acq On : 14 Mar 2024 18:14
Operator : SY/MD
Sample : P1752-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 15 03:39:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 03:33:21 2024
Response via : Initial Calibration







TIC: VV034611.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.510min (-0.000) 1.81 ug/L

response 6789

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.10	121.83#
61.05	45.00	43.42
0.00	0.00	0.00

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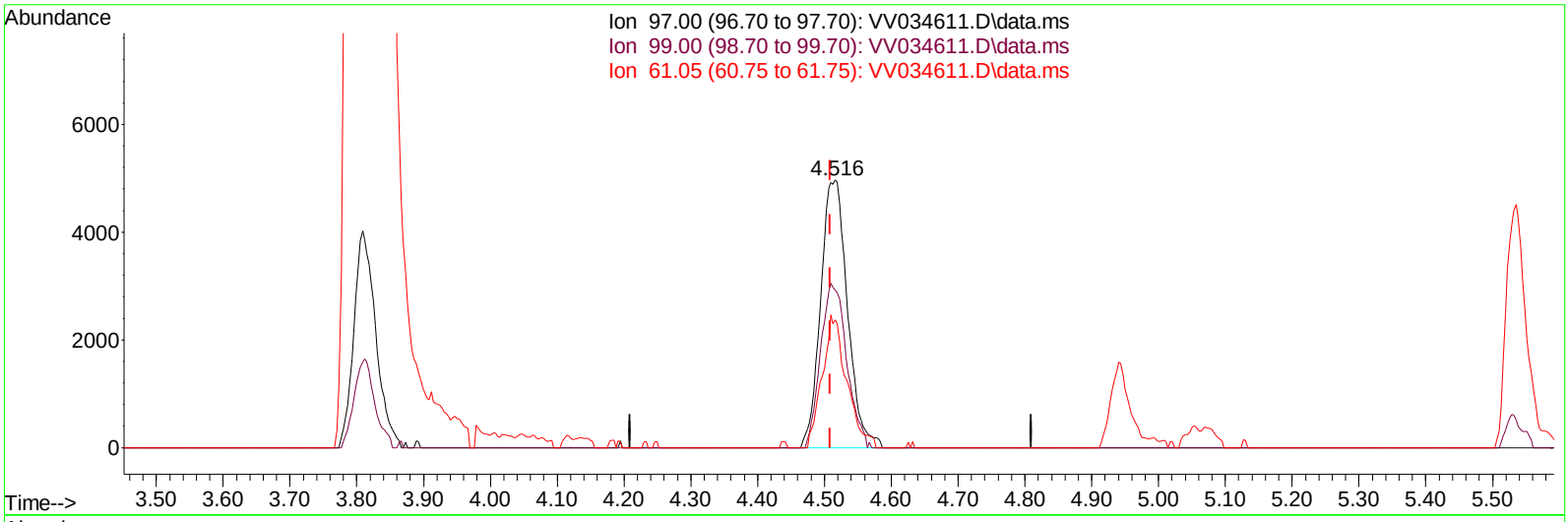

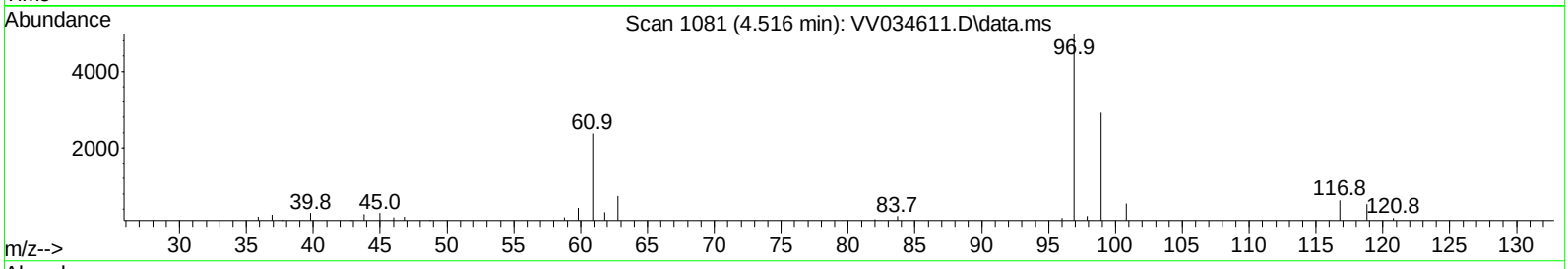

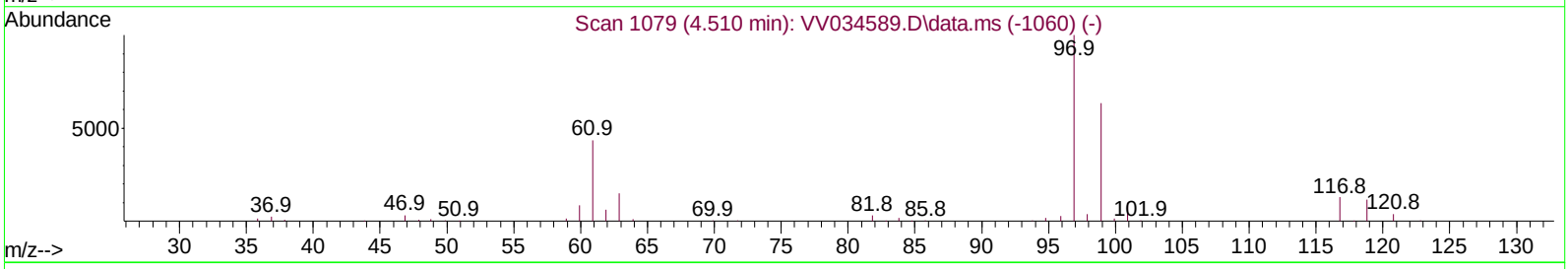

TIC: VV034611.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.516min (+ 0.006) 3.69 ug/L m

response 13819

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.10	59.85
61.05	45.00	21.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Mar 15 03:39:03 2024
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QLast Update : Fri Mar 15 03:33:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277522	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	260984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	114333	47.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.040%			
7) Chloroethane-d5	1.532	69	95881	51.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.320%			
11) 1,1-Dichloroethene-d2	2.059	65	51165	47.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.060%			
21) 2-Butanone-d5	3.793	46	174228	108.292	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.290%			
24) Chloroform-d	4.249	84	210586	49.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.020%			
26) 1,2-Dichloroethane-d4	4.940	65	144659	52.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.080%			
32) Benzene-d6	4.957	84	410264	52.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.180%			
36) 1,2-Dichloropropane-d6	5.989	67	128886	53.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.240%			
41) Toluene-d8	7.243	98	354493	49.733	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.460%			
43) trans-1,3-Dichloroprop...	7.554	79	55222	45.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.500%			
47) 2-Hexanone-d5	8.024	63	120681	100.539	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.540%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	169881	53.703	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	136964	53.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	122787	44.222	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2224	0.992	ug/L #	37
12) 1,1-Dichloroethene	2.069	96	99996	48.119	ug/L	98
13) Acetone	2.130	43	54655	28.258	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	7638	3.797	ug/L	97
19) 1,1-Dichloroethane	3.111	63	102831	26.099	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	239930	109.943	ug/L	95
27) 1,2-Dichloroethane	5.056	62	8916	2.687	ug/L #	91
30) 1,1,1-Trichloroethane	4.516	97	13819m	3.692	ug/L	
33) Benzene	5.018	78	11433	1.411	ug/L	100
34) Trichloroethene	5.831	95	193735	84.133	ug/L	98
37) 1,2-Dichloropropane	6.098	63	11723	5.527	ug/L	100
46) Tetrachloroethene	7.911	164	2990	1.746	ug/L	94

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

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