Quantitation Report (Qedit)

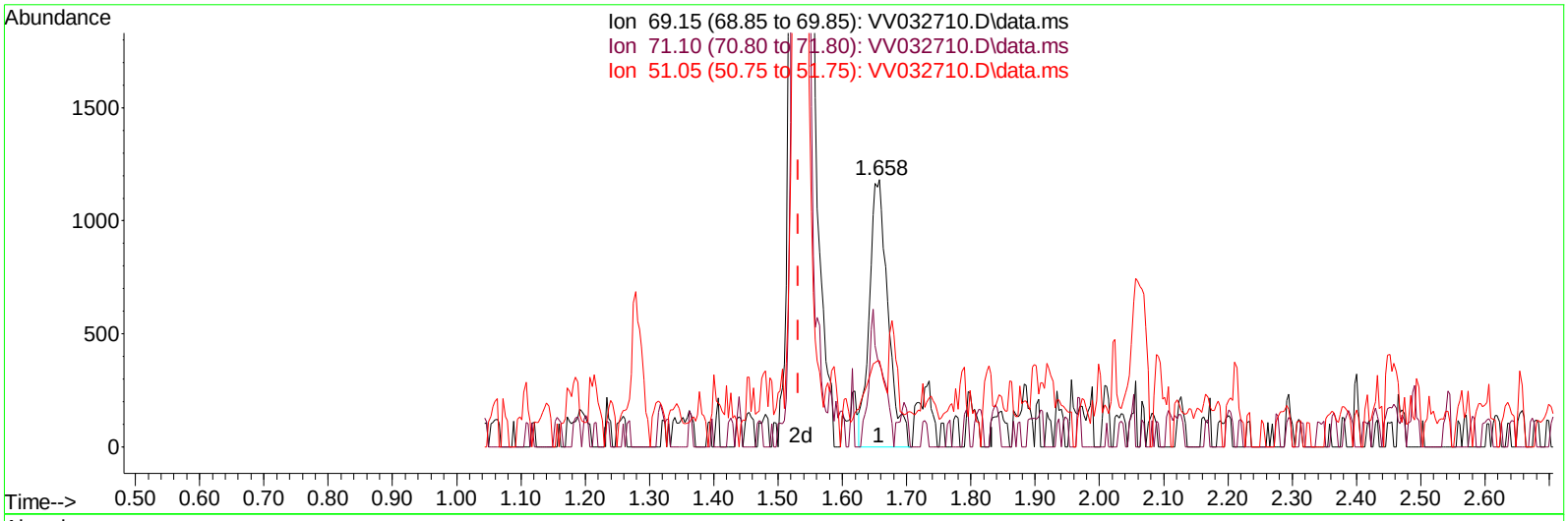
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032710.D
Acq On : 28 Oct 2023 02:13
Operator : SY/MD
Sample : 05055-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

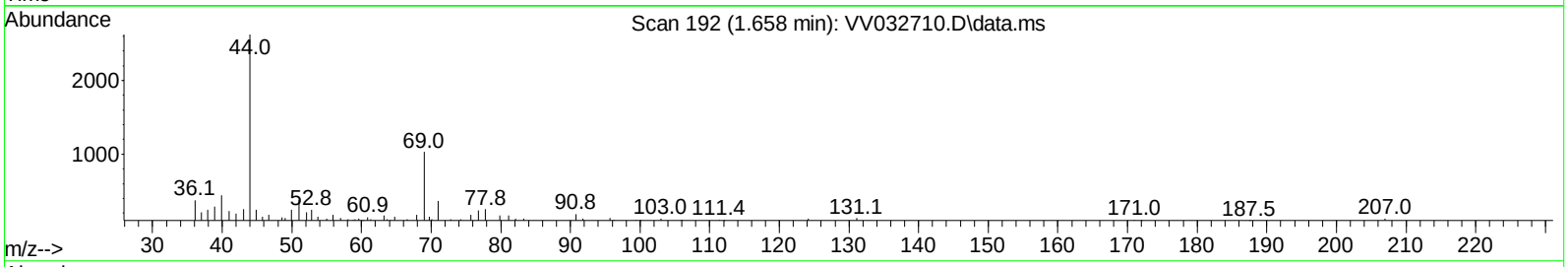
Quant Time: Oct 28 05:10:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 28 02:08:41 2023
Response via : Initial Calibration

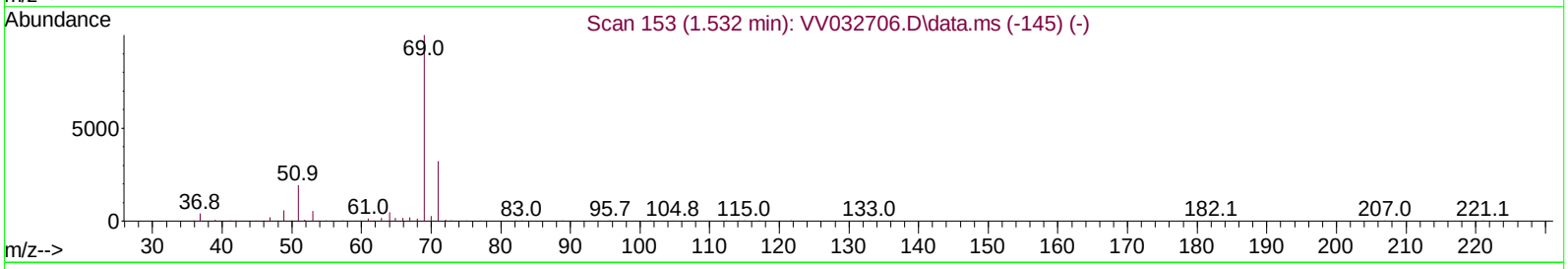
Instrument :
MSVOA_V
ClientSampleId :
A49Q4

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/30/2023
Supervised By :Mahesh Dadoda 10/31/2023







TIC: VV032710.D\data.ms

(7) Chloroethane-d5 (S)

1.658min (+ 0.125) 0.25 ug/L

response 2375

Ion	Exp%	Act%
69.15	100.00	100.00
71.10	33.20	36.29
51.05	28.90	23.20
0.00	0.00	0.00

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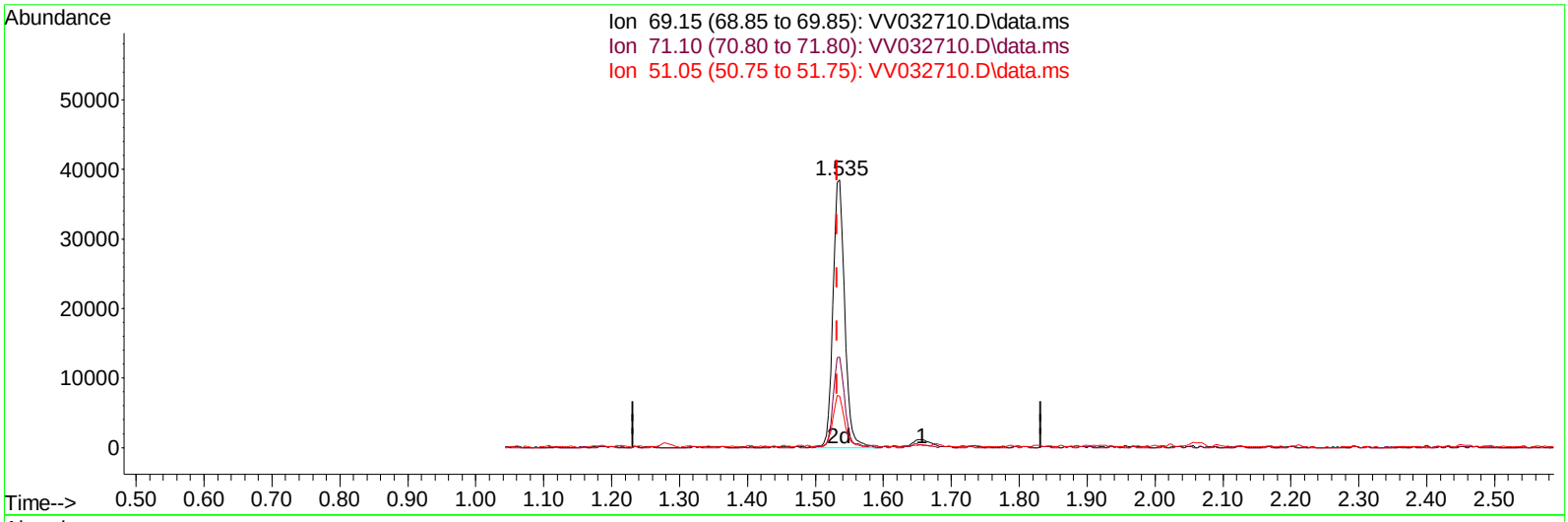

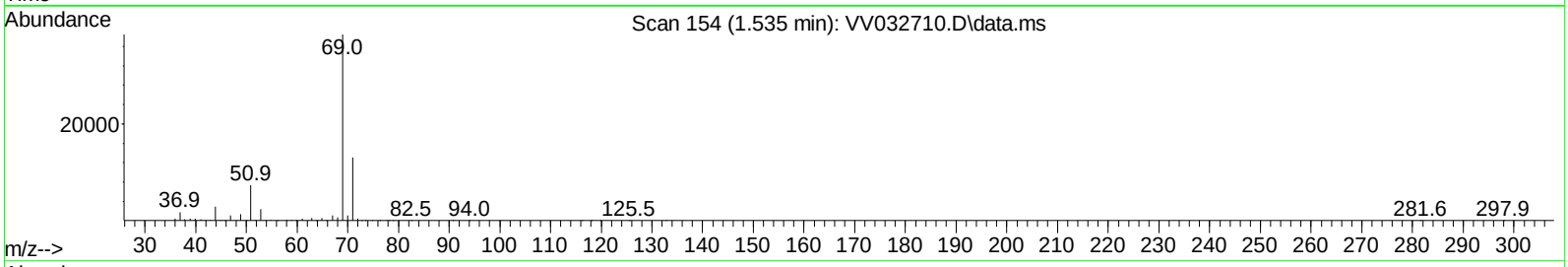

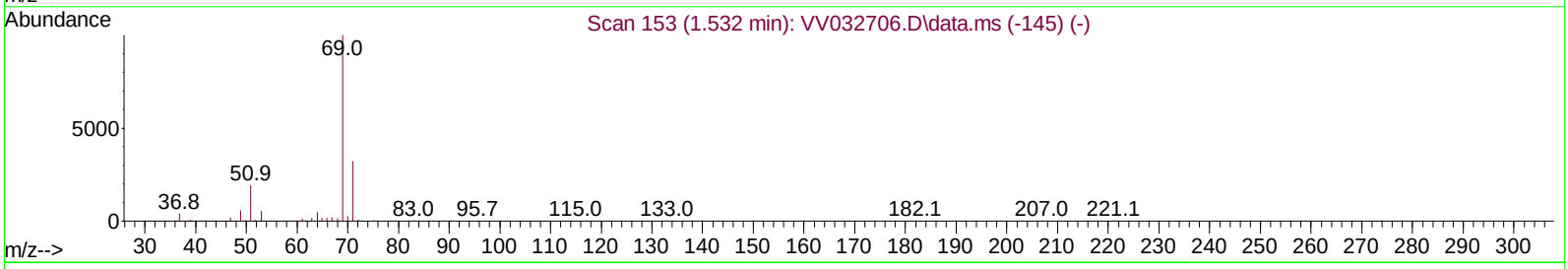

TIC: VV032710.D\data.ms

(7) Chloroethane-d5 (S)

1.535min (+ 0.003) 4.90 ug/L m

response 45859

Ion	Exp%	Act%
69.15	100.00	100.00
71.10	33.20	1.88#
51.05	28.90	1.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	134226	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48216	4.374	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.400%			
7) Chloroethane-d5	1.535	69	45859m	4.895	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.000%			
11) 1,1-Dichloroethene-d2	2.059	65	20923	4.228	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.600%			
20) 2-Butanone-d5	3.802	46	91021	38.236	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.480%			
24) Chloroform-d	4.252	84	88895	4.857	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	4.950	65	45146	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	4.963	84	175890	4.830	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	5.992	67	55762	5.288	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	7.246	98	162523	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	7.561	79	18672	4.013	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.030	63	73284	39.742	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.480%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42328	4.514	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	56788	5.188	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2591	0.159	ug/L	97
5) Vinyl chloride	1.285	62	3667	0.227	ug/L #	68
19) 1,1-Dichloroethane	3.117	63	5865	0.279	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	10828	0.900	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	11506	0.583	ug/L	97

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

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