Quantitation Report (Qedit)

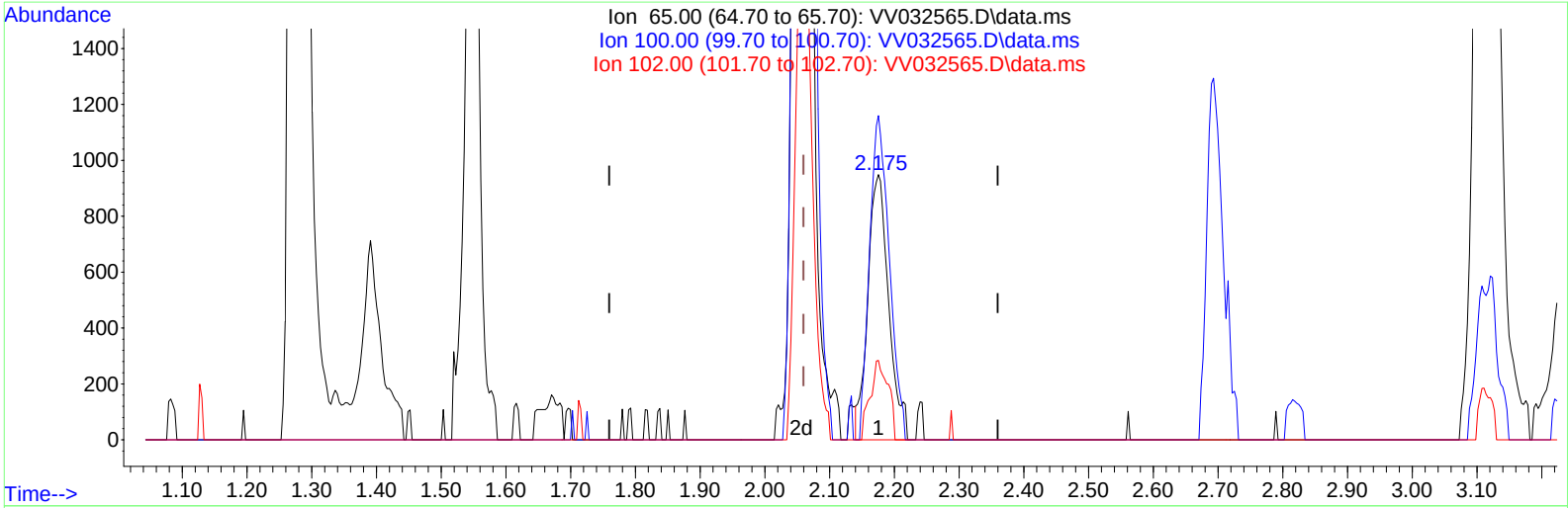
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
Data File : VV032565.D
Acq On : 23 Oct 2023 13:04
Operator : SY/MD
Sample : 04950-26
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

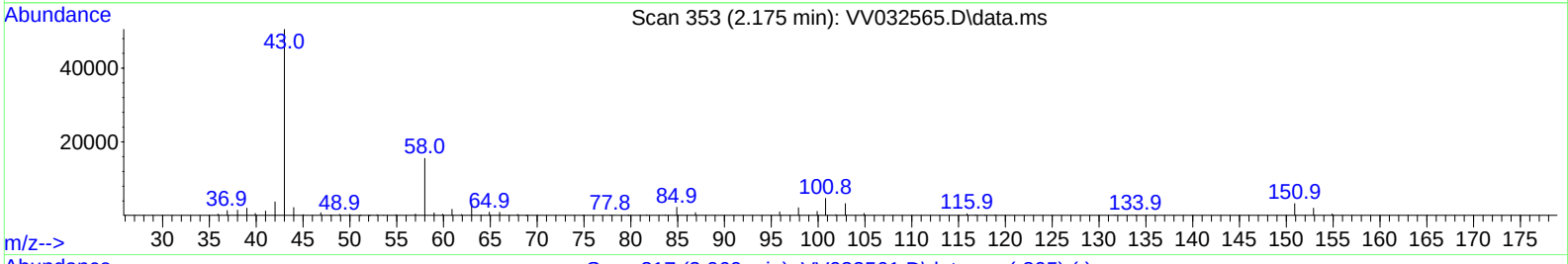
Quant Time: Oct 24 04:46:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 21 02:44:24 2023
Response via : Initial Calibration

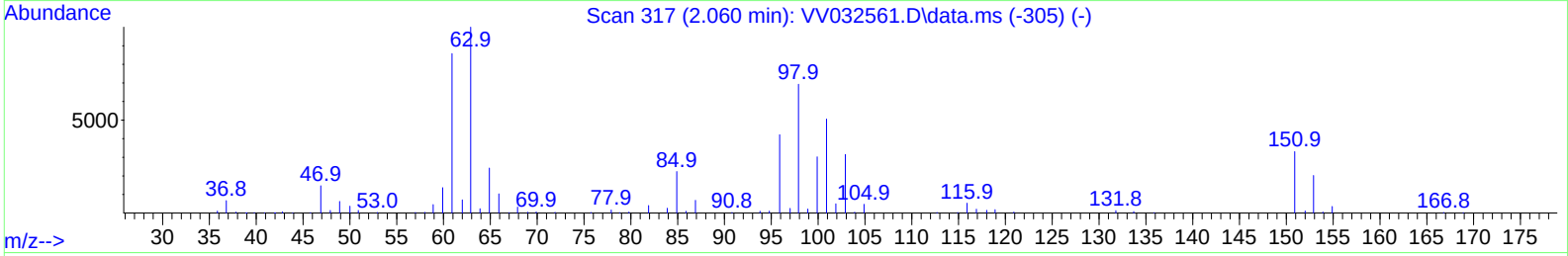
Instrument :
MSVOA_V
ClientSampleId :
A4AA1

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/24/2023
Supervised By :Mahesh Dadoda 10/26/2023







TIC: VV032565.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.175min (+ 0.116) 0.64 ug/L

response 2121

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	133.70	116.03
102.00	20.70	25.98
0.00	0.00	0.00

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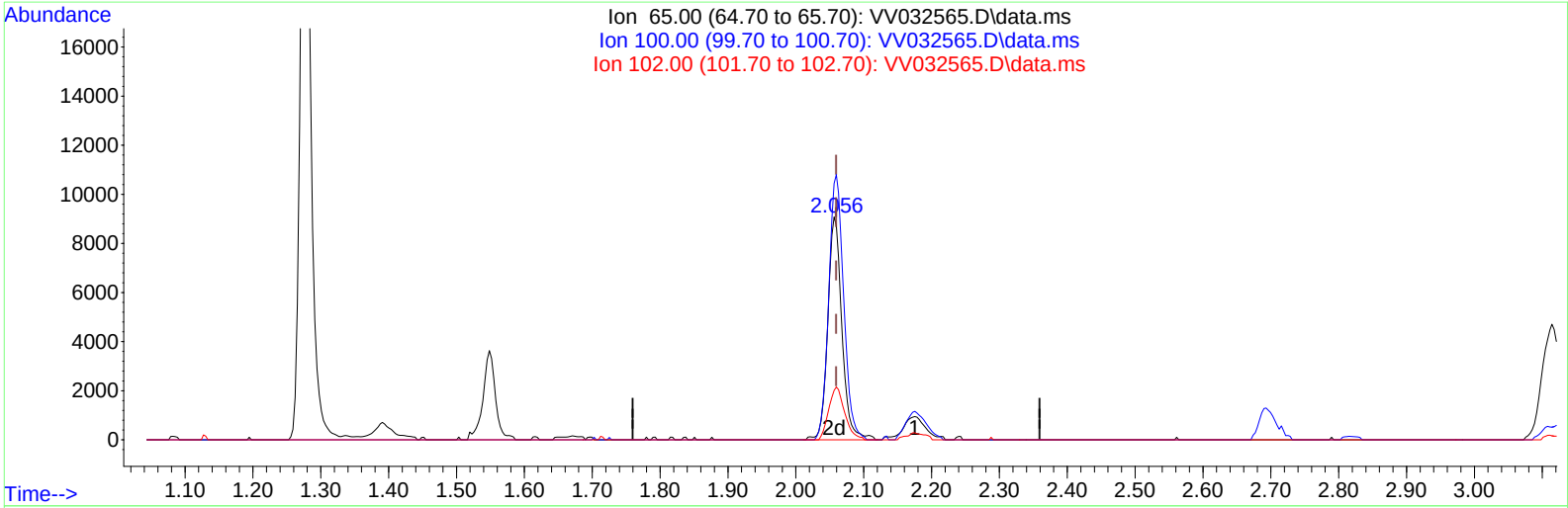

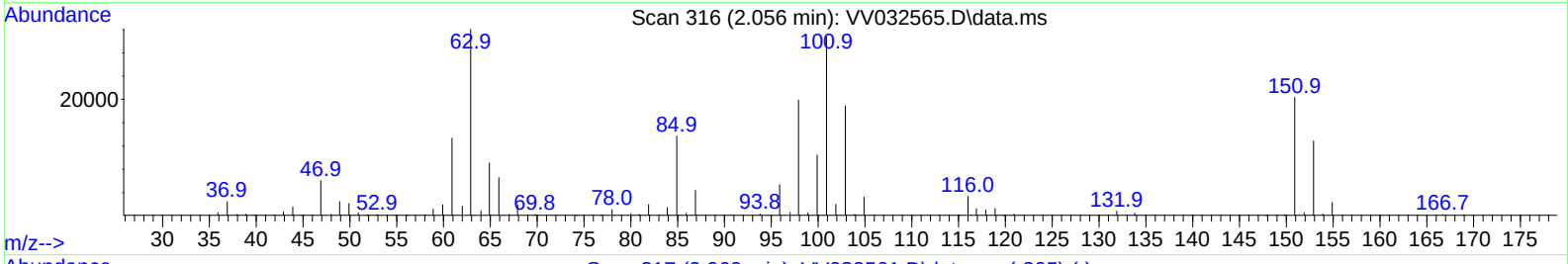

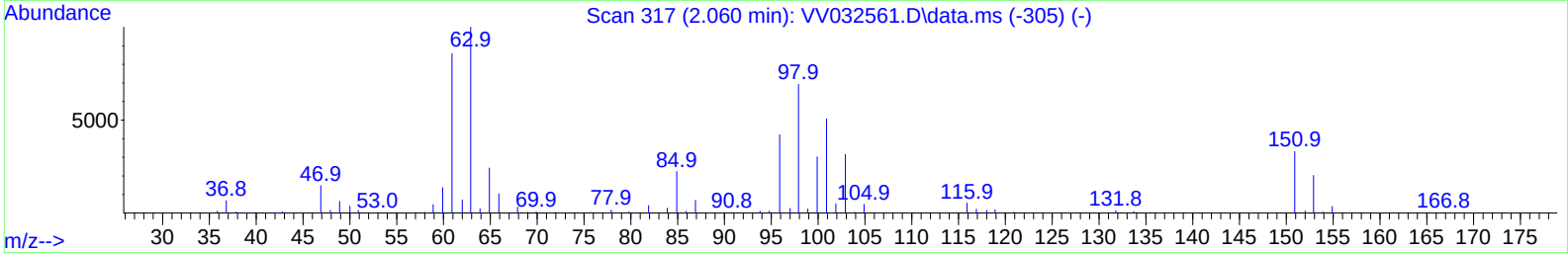

TIC: VV032565.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.056min (-0.003) 4.00 ug/L m

response 13167

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	133.70	18.69#
102.00	20.70	4.18#
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	5.539	114	96049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	30547	3.911	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.200%			
7) Chloroethane-d5	1.532	69	31454	4.960	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.056	65	13167m	3.997	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.000%			
20) 2-Butanone-d5	3.828	46	96425	48.796	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.600%			
24) Chloroform-d	4.252	84	70334	5.104	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	4.947	65	35074	5.373	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	4.963	84	116901	3.636	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.800%			
36) 1,2-Dichloropropane-d6	5.992	67	40885	3.838	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.800%			
41) Toluene-d8	7.246	98	114991	3.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.558	79	16270	4.310	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.030	63	91428	51.478	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.960%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36592	4.911	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	41397	4.338	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	34131	3.189	ug/L	98
5) Vinyl chloride	1.281	62	43603	4.237	ug/L	100
8) Chloroethane	1.548	64	96684	15.605	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	83925	11.223	ug/L	98
12) 1,1-Dichloroethene	2.069	96	17428	2.474	ug/L	86
13) Acetone	2.153	43	379547	249.202	ug/L	95
15) Methyl Acetate	2.388	43	43649	12.730	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	23549	2.919	ug/L	96
19) 1,1-Dichloroethane	3.114	63	31773	2.093	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	34069	3.922	ug/L	98
23) Bromochloromethane	4.153	128	19602	5.363	ug/L	97
25) Chloroform	4.278	83	123597	8.299	ug/L	100
27) 1,2-Dichloroethane	5.053	62	19596	2.227	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	27513	1.852	ug/L	97
31) Carbon tetrachloride	4.735	117	35734	2.843	ug/L	97
34) Trichloroethene	5.838	95	18188	1.732	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	56905	3.887	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	362442	55.668	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	24241	2.015	ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	7.773	97	13780	1.899	ug/L		99
47)	Tetrachloroethene	7.905	164	22616	2.840	ug/L		98
50)	1,2-Dibromoethane	8.288	107	30836	4.492	ug/L	#	98
51)	Chlorobenzene	8.815	112	144134	5.459	ug/L		98
57)	1,1,2,2-Tetrachloroethane	10.181	83	13069	1.637	ug/L		98
59)	Bromoform	9.670	173	10901	2.915	ug/L		96
63)	1,2,4-Trimethylbenzene	10.853	105	125101	3.858	ug/L		100
64)	1,3-Dichlorobenzene	11.120	146	54717	2.866	ug/L		98
65)	1,4-Dichlorobenzene	11.214	146	35985	1.879	ug/L		98
70)	1,2,4-trichlorobenzene	13.201	180	49305	3.976	ug/L		100
72)	1,2,3-Trichlorobenzene	13.683	180	27117	2.538	ug/L		99

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

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