

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027237.D
 Acq On : 05 Aug 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 04:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	325310	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	326975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	178567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75204	33.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.820%
7) Chloroethane-d5	1.555	69	68088m	41.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.980%
11) 1,1-Dichloroethene-d2	2.101	63	153104	37.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.480%
21) 2-Butanone-d5	3.873	46	214843	108.825	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.830%
24) Chloroform-d	4.346	84	203579	44.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
26) 1,2-Dichloroethane-d4	5.027	65	129054	45.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
32) Benzene-d6	5.043	84	315410	40.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.460%
36) 1,2-Dichloropropane-d6	6.066	67	123133	44.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.300%
41) Toluene-d8	7.313	98	270739	40.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.020%
43) trans-1,3-Dichloroprop...	7.619	79	54120	44.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.040%
47) 2-Hexanone-d5	8.085	63	146015	108.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.690%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	235887	51.896	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	136331	44.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	136725	47.246	ug/L	98
3) Chloromethane	1.236	50	169523	51.277	ug/L	99
5) Vinyl chloride	1.307	62	158579	48.150	ug/L	99
6) Bromomethane	1.507	94	73973	47.645	ug/L	99
8) Chloroethane	1.574	64	97101	52.923	ug/L	99
9) Trichlorofluoromethane	1.744	101	201475	47.677	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	108136	46.148	ug/L	97
12) 1,1-Dichloroethene	2.111	96	106294	47.156	ug/L	79
13) Acetone	2.156	43	162307	106.621	ug/L	91
14) Carbon disulfide	2.285	76	358565	46.739	ug/L	100
15) Methyl Acetate	2.423	43	190185	54.929	ug/L #	82
16) Methylene chloride	2.500	84	153608	51.017	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	124054	49.733	ug/L	90
18) Methyl tert-butyl Ether	2.767	73	399269	53.819	ug/L #	94
19) 1,1-Dichloroethane	3.182	63	257351	51.394	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	143731	55.468	ug/L	87
22) 2-Butanone	3.953	43	249563	119.580	ug/L	98
23) Bromochloromethane	4.240	128	74922	51.778	ug/L	84
25) Chloroform	4.368	83	265709	52.506	ug/L	100

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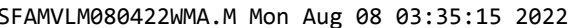
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	207294	52.596	ug/L	94
29) Cyclohexane	4.670	56	180214	47.857	ug/L	89
30) 1,1,1-Trichloroethane	4.600	97	216718	50.006	ug/L	96
31) Carbon tetrachloride	4.822	117	183226	48.696	ug/L	100
33) Benzene	5.095	78	546293	51.991	ug/L	100
34) Trichloroethene	5.908	95	147063	54.661	ug/L	95
35) Methylcyclohexane	6.127	83	187840	47.481	ug/L	90
37) 1,2-Dichloropropane	6.169	63	158636	53.890	ug/L	100
38) Bromodichloromethane	6.506	83	199541	51.735	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	201265	51.617	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	499386	118.918	ug/L #	90
42) Toluene	7.384	91	572398	53.578	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	201901	52.690	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	151077	53.250	ug/L	96
46) Tetrachloroethene	7.973	164	94531	48.005	ug/L	95
48) 2-Hexanone	8.136	43	409489	122.433	ug/L #	89
49) Dibromochloromethane	8.243	129	158000	52.683	ug/L	97
50) 1,2-Dibromoethane	8.349	107	157471	53.941	ug/L	99
51) Chlorobenzene	8.879	112	360083	50.250	ug/L	96
52) Ethylbenzene	9.011	91	565019	51.255	ug/L	99
53) m,p-Xylene	9.136	106	220666	52.966	ug/L	94
54) o-Xylene	9.542	106	214057	52.738	ug/L	92
55) Styrene	9.558	104	402348	56.272	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	257948	54.271	ug/L	99
59) Bromoform	9.728	173	104269	49.147	ug/L	99
60) Isopropylbenzene	9.931	105	543664	48.312	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	208821	50.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	451342	48.567	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	459899	50.516	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	268138	49.163	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	274909	47.895	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	281475	49.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	57156	49.696	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	171129	46.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	141953	46.657	ug/L	99
71) Naphthalene	13.500	128	512434	49.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	167045	49.534	ug/L	100

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

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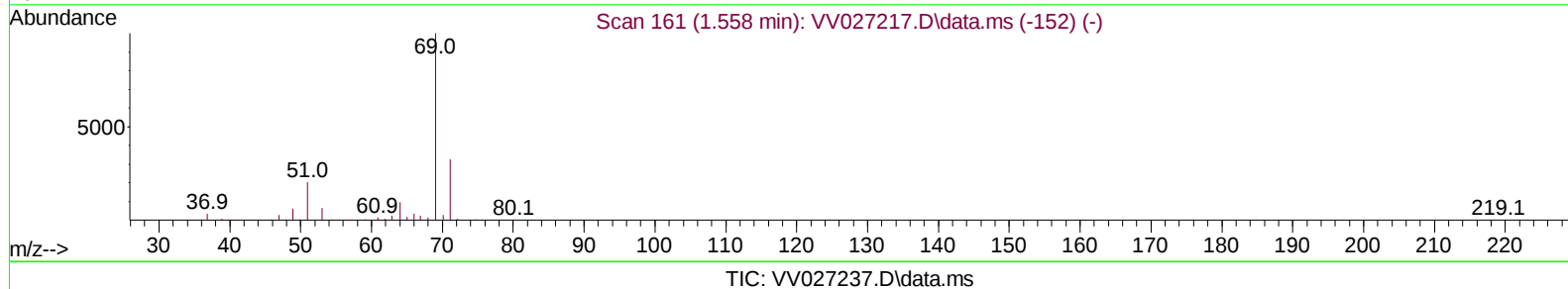
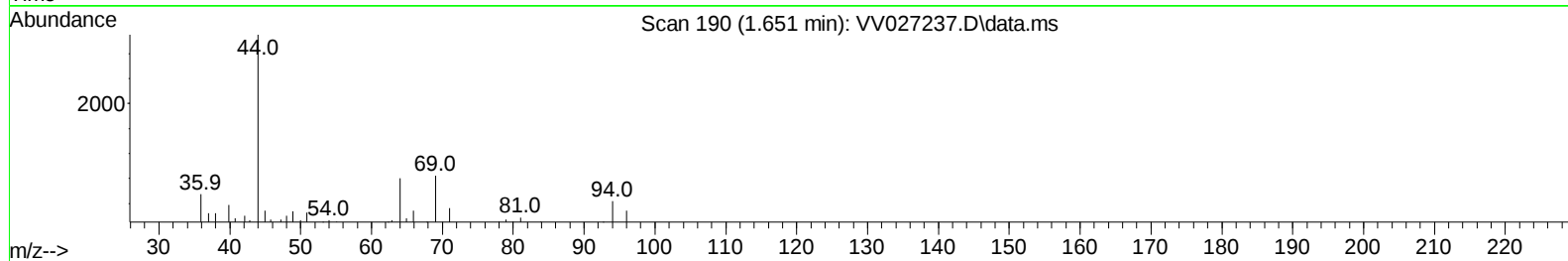
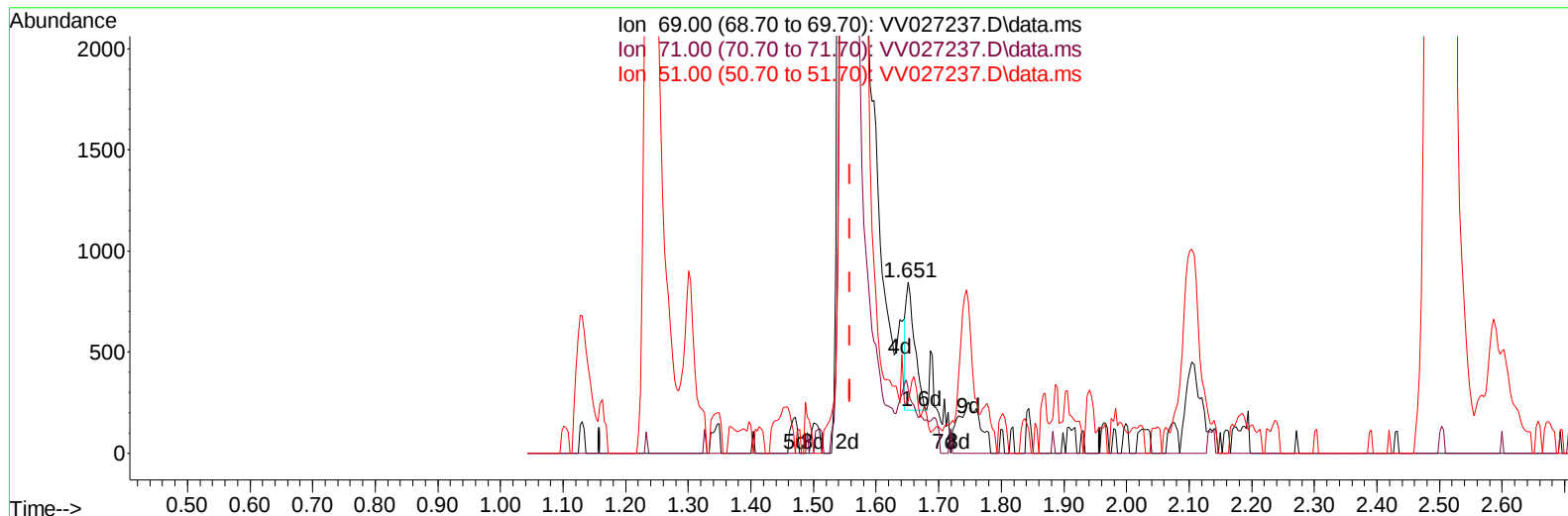
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(7) Chloroethane-d5 (S)

1.651min (+ 0.093) 0.39 ug/L

response 625

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	40.80
51.00	22.80	24.00
0.00	0.00	0.00

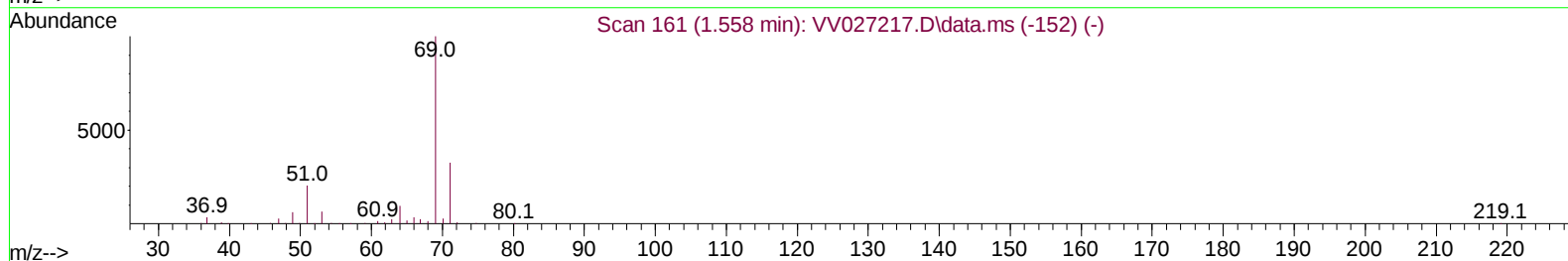
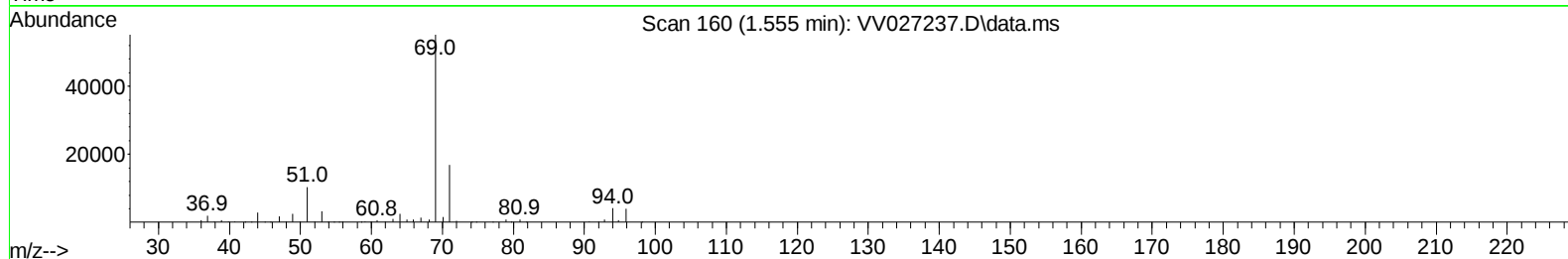
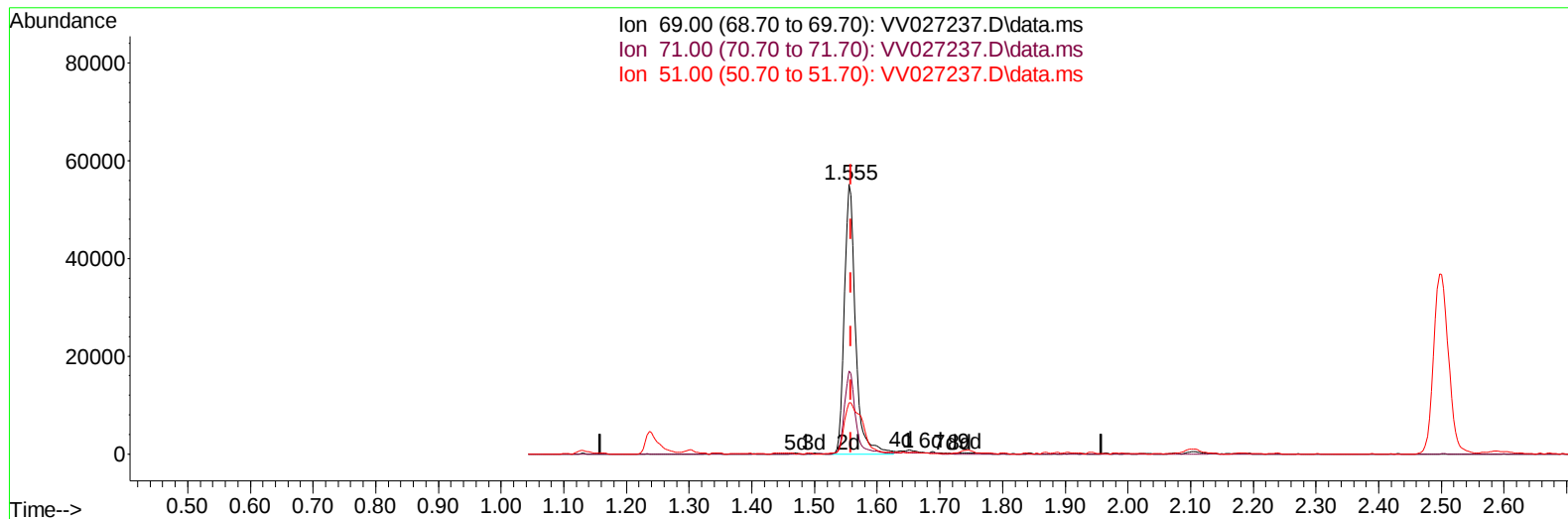
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TIC: VV027237.D\data.ms

(7) Chloroethane-d5 (S)

1.555min (-0.003) 41.99 ug/L m

response 68088

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	0.37#
51.00	22.80	0.22#
0.00	0.00	0.00