

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020176.D
 Acq On : 26 Jan 2021 17:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV167

Manual Integrations
 APPROVED

MMDadoda

1/29/2021 11:58:05 AM

Quant Time: Jan 27 07:12:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	974709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	930355	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	509968	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	340795	52.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.50%
7) Chloroethane-d5	1.569	69	278650	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.68%
11) 1,1-Dichloroethene-d2	2.109	63	621180	60.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.96%
21) 2-Butanone-d5	3.894	46	470525	110.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.75%
24) Chloroform-d	4.351	84	642088	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	5.035	65	418982	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
32) Benzene-d6	5.051	84	1225061	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
36) 1,2-Dichloropropane-d6	6.074	67	380962	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.318	98	1129273	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%
43) trans-1,3-Dichloroprop...	7.624	79	196730	53.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.52%
47) 2-Hexanone-d5	8.090	63	355523	110.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.79%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	537682	51.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.38%
66) 1,2-Dichlorobenzene-d4	11.630	152	494093	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	334702	49.12	ug/L	100
3) Chloromethane	1.241	50	380653	49.19	ug/L	99
5) Vinyl chloride	1.312	62	348864	50.62	ug/L	99
6) Bromomethane	1.524	94	203119	53.33	ug/L	100
8) Chloroethane	1.585	64	221971	52.22	ug/L	98
9) Trichlorofluoromethane	1.753	101	505099	50.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	292375	56.55	ug/L	93
12) 1,1-Dichloroethene	2.119	96	281566	57.79	ug/L	86
13) Acetone	2.187	43	305682	120.13	ug/L	94
14) Carbon disulfide	2.296	76	777441	55.31	ug/L	99
15) Methyl Acetate	2.434	43	335342	58.58	ug/L	96
16) Methylene chloride	2.508	84	320559	54.81	ug/L	93
17) trans-1,2-Dichloroethene	2.762	96	299471	54.08	ug/L	96
18) Methyl tert-butyl Ether	2.769	73	987249	56.43	ug/L	99
19) 1,1-Dichloroethane	3.193	63	570270	54.27	ug/L	100
20) cis-1,2-Dichloroethene	3.913	96	337565m	53.42	ug/L	
22) 2-Butanone	3.974	43	472777	110.78	ug/L	100
23) Bromochloromethane	4.251	128	178013	51.41	ug/L	97
25) Chloroform	4.380	83	597315	52.93	ug/L	99

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27) 1,2-Dichloroethane	5.135	62	476768	53.57	ug/L	98
29) Cyclohexane	4.682	56	464193	49.98	ug/L	100
30) 1,1,1-Trichloroethane	4.611	97	522632	50.93	ug/L	99
31) Carbon tetrachloride	4.833	117	444515	49.84	ug/L	98
33) Benzene	5.103	78	1236875	50.96	ug/L	100
34) Trichloroethene	5.916	95	332056	49.08	ug/L	99
35) Methylcyclohexane	6.135	83	486220	49.02	ug/L	100
37) 1,2-Dichloropropane	6.177	63	328667	50.30	ug/L	99
38) Bromodichloromethane	6.514	83	444947	50.33	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	524495	53.31	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	932486	103.92	ug/L	100
42) Toluene	7.392	91	1322884	50.42	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	511275	53.81	ug/L	98
45) 1,1,2-Trichloroethane	7.842	97	320643	51.12	ug/L	97
46) Tetrachloroethene	7.981	164	273588	49.36	ug/L	99
48) 2-Hexanone	8.141	43	710981	110.71	ug/L	100
49) Dibromochloromethane	8.251	129	368193	52.64	ug/L	98
50) 1,2-Dibromoethane	8.357	107	350852	52.42	ug/L	99
51) Chlorobenzene	8.887	112	876337	50.42	ug/L	100
52) Ethylbenzene	9.016	91	1486722	51.58	ug/L	99
53) m,p-Xylene	9.145	106	565940	51.35	ug/L	98
54) o-Xylene	9.550	106	550835	50.76	ug/L	99
55) Styrene	9.566	104	979319	52.25	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.247	83	525197	51.25	ug/L	99
59) Bromoform	9.736	173	283979	50.77	ug/L	99
60) Isopropylbenzene	9.936	105	1478144	51.69	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	426426	52.39	ug/L	99
62) 1,3,5-Trimethylbenzene	10.543	105	1260367	51.45	ug/L	99
63) 1,2,4-Trimethylbenzene	10.919	105	1296060	53.73	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	752543	51.14	ug/L	99
65) 1,4-Dichlorobenzene	11.280	146	765483	50.59	ug/L	99
67) 1,2-Dichlorobenzene	11.649	146	749173	50.66	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.437	75	129560	54.15	ug/L	97
69) 1,3,5-Trichlorobenzene	12.652	180	634153	51.23	ug/L	100
70) 1,2,4-trichlorobenzene	13.270	180	586152	51.31	ug/L	100
71) Naphthalene	13.511	128	1734872	53.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	584586	51.59	ug/L	100

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

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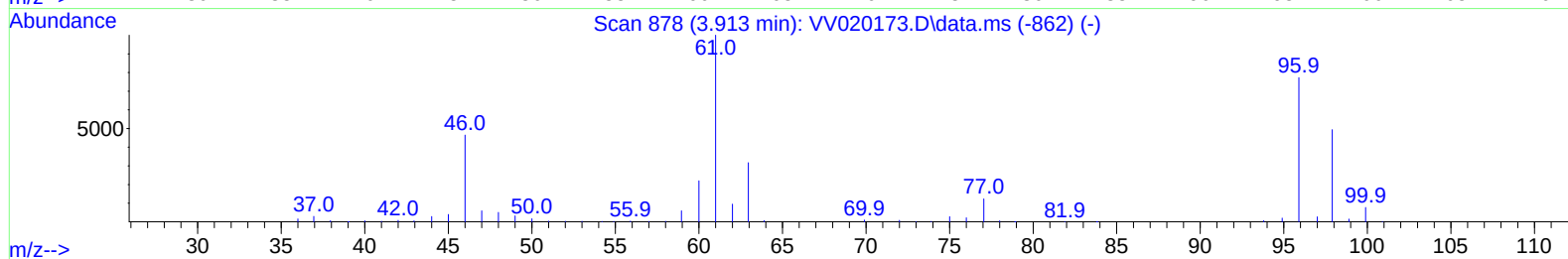
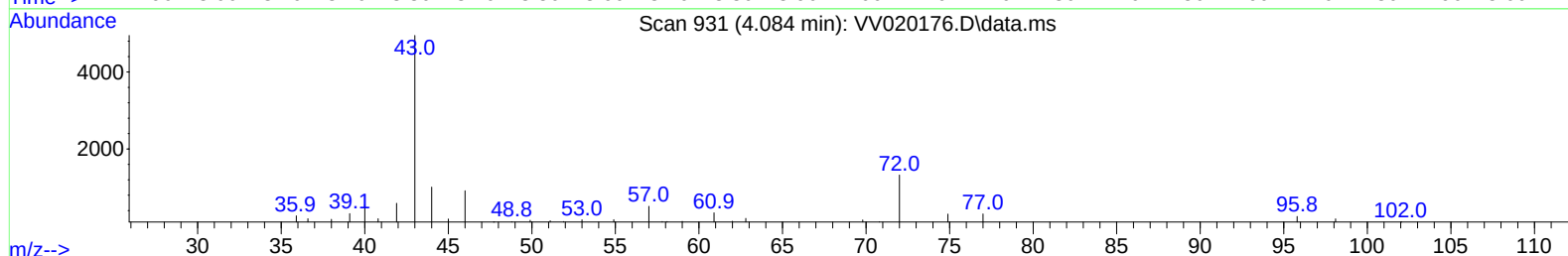
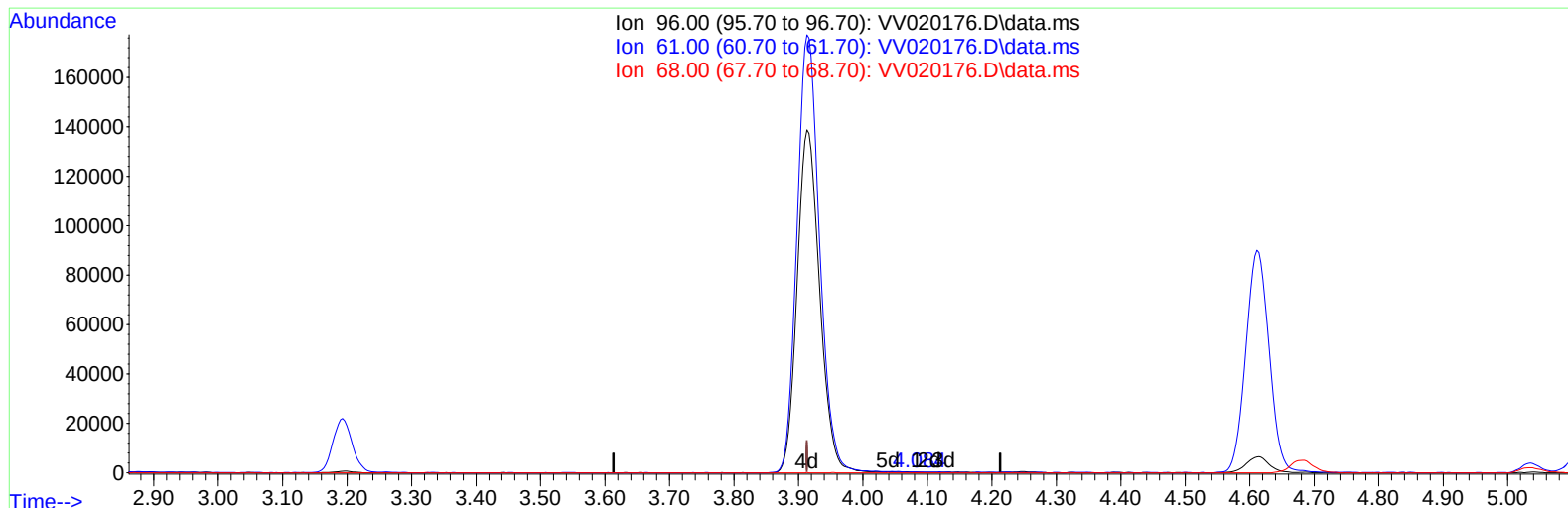
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TIC: VV020176.D\data.ms

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

4.084min (+ 0.170) 0.01 ug/L

response	45	
Ion	Exp%	Act%
96.00	100.00	100.00
61.00	129.50	139.11
68.00	0.00	0.00
0.00	0.00	0.00

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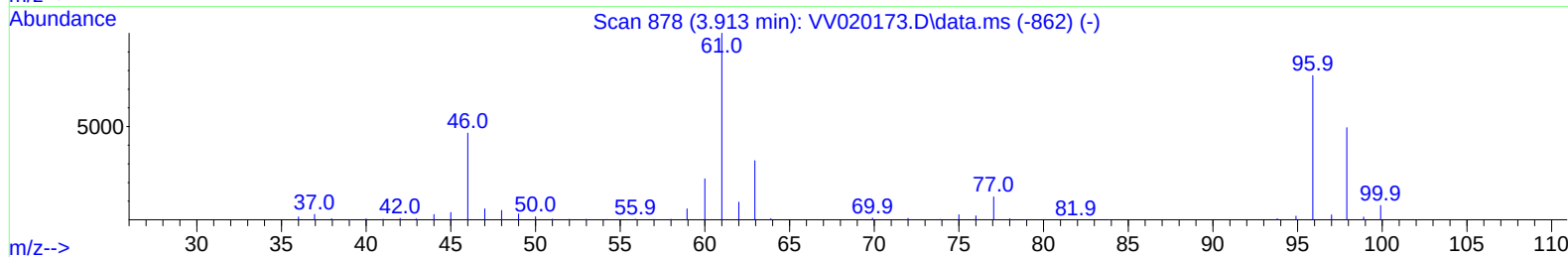
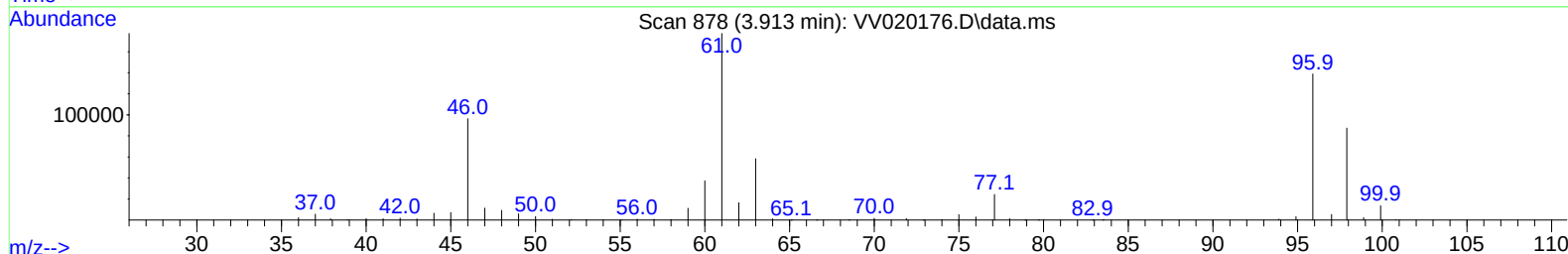
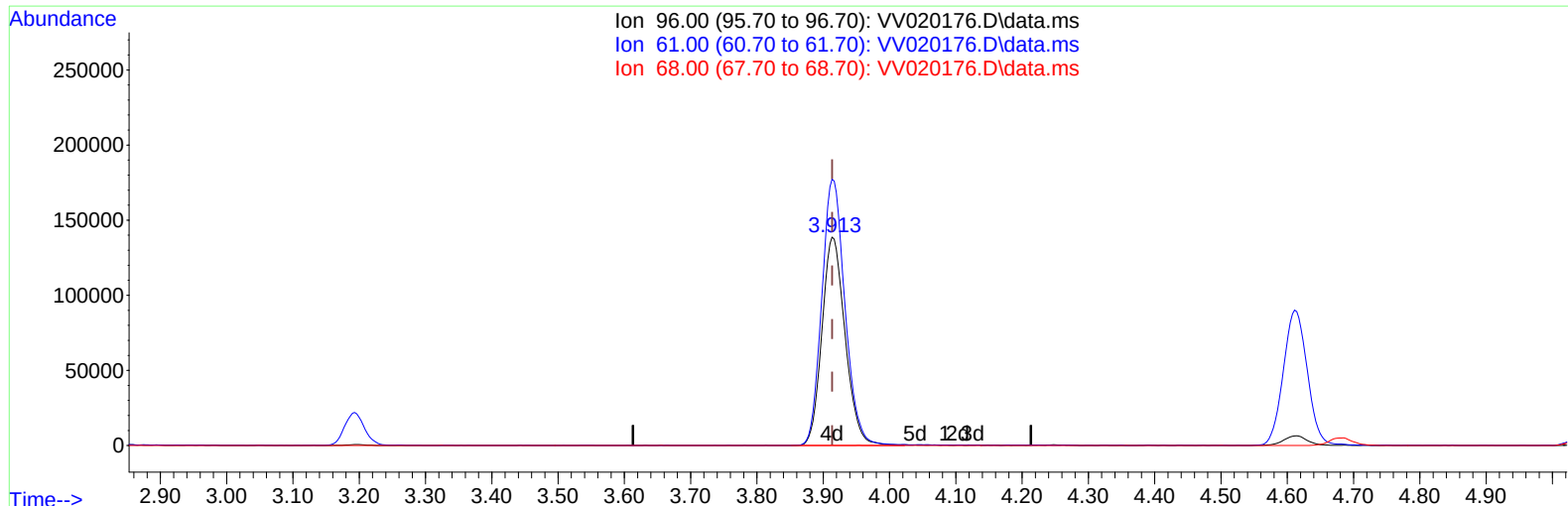
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(20) cis-1,2-Dichloroethene (T)

3.913min (-0.000) 53.42 ug/L m

response 337565

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	129.50	127.71
68.00	0.00	0.07#
0.00	0.00	0.00