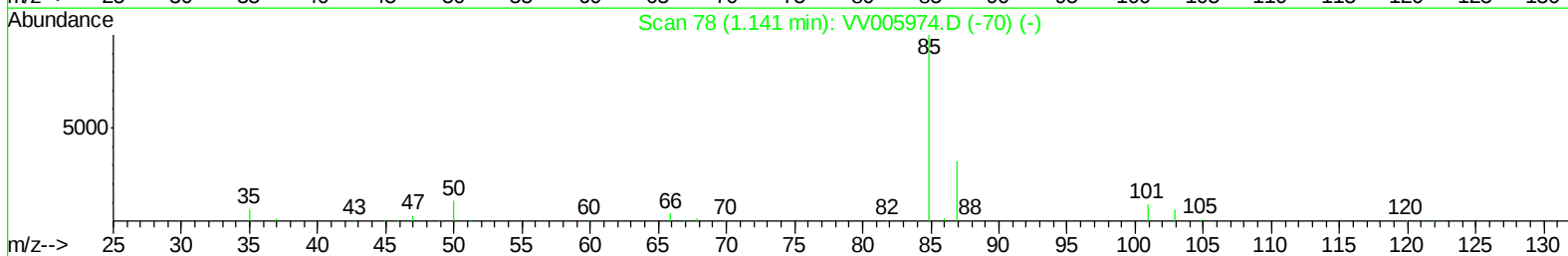
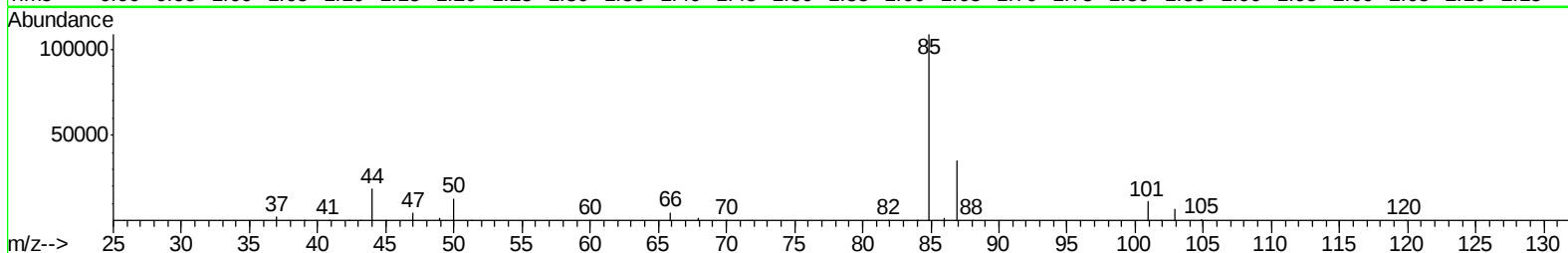
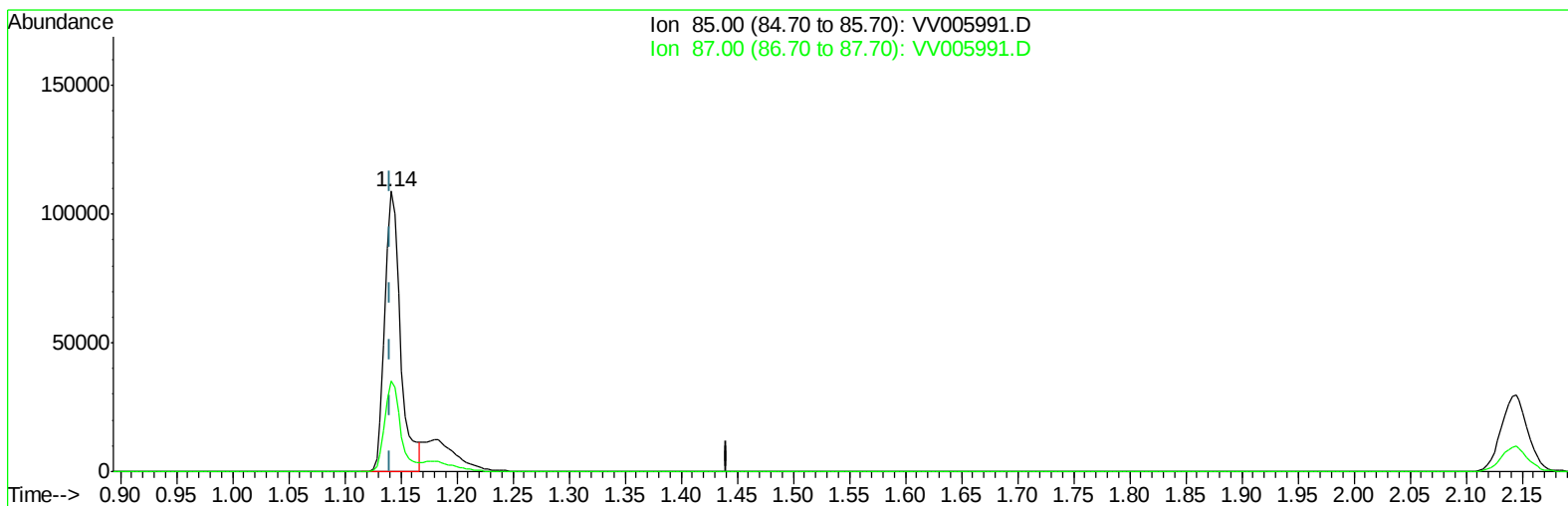


Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052218\
Data File : VV005991.D
Acq On : 22 May 2018 11:40
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:09:56 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR051818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 22 02:47:49 2018
Response via : Initial Calibration



TIC: VV005991.D

(2) Dichlorodifluoromethane (T)

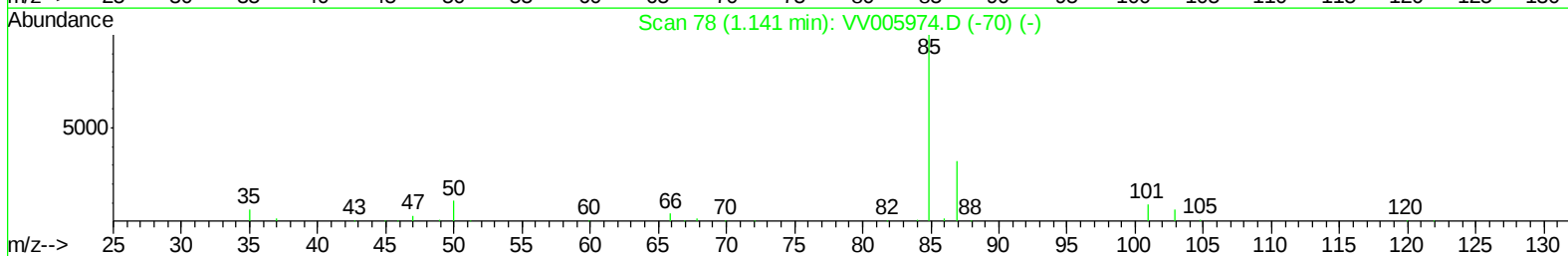
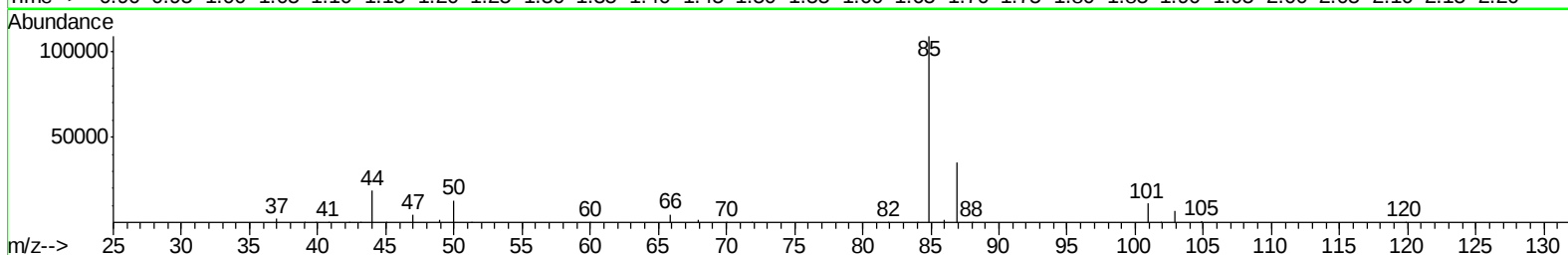
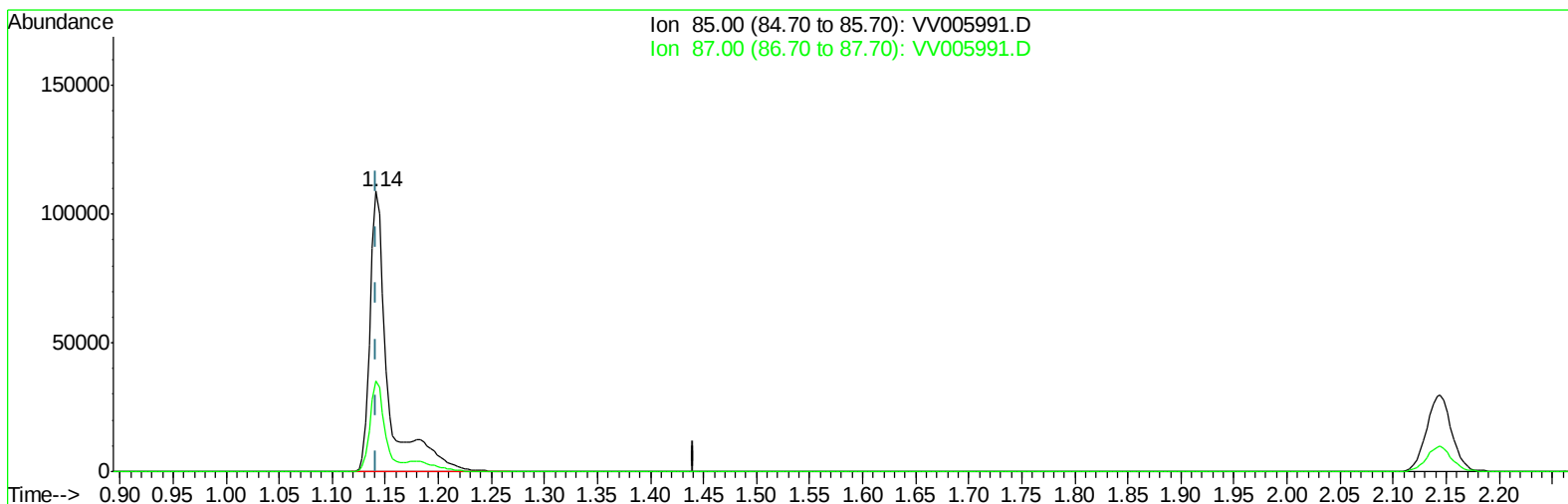
1.141min (+0.000) 4.21ug/L

response 105694

Ion	Exp%	Act%
85.00	100	100
87.00	33.10	32.90
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VV005991.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 5.21ug/L m

response 130908

Ion	Exp%	Act%
85.00	100	100
87.00	33.10	26.56
0.00	0.00	0.00
0.00	0.00	0.00

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 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:10:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR051818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 22 02:47:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	349136	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	331065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	150735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104214	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	85009	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	202151	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	3.95	46	245214	48.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	4.41	84	206652	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	109073	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	391597	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	118693	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	361416	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	45800	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	194527	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83727	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	125794	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	130908m	5.21	ug/L
3) Chloromethane	1.26	50	110961	5.00	ug/L
5) Vinyl chloride	1.33	62	118456	4.97	ug/L
6) Bromomethane	1.52	94	35367	4.47	ug/L
8) Chloroethane	1.59	64	74631	4.63	ug/L
9) Trichlorofluoromethane	1.77	101	183134	4.99	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109189	5.16	ug/L
12) 1,1-Dichloroethene	2.14	96	92686	4.97	ug/L
13) Acetone	2.20	43	170206	51.19	ug/L
14) Carbon disulfide	2.32	76	234624	4.74	ug/L
15) Methyl Acetate	2.47	43	45264	5.07	ug/L
16) Methylene chloride	2.54	84	107146	4.75	ug/L
17) Methyl tert-butyl Ether	2.82	73	241863	4.72	ug/L
18) trans-1,2-Dichloroethene	2.79	96	99036	4.82	ug/L
19) 1,1-Dichloroethane	3.23	63	210726	5.21	ug/L
21) 2-Butanone	4.04	43	277245	50.27	ug/L
22) cis-1,2-Dichloroethene	3.97	96	121379	4.99	ug/L

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 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:10:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR051818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 22 02:47:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	50388	5.17	ug/L	97
25) Chloroform	4.43	83	235509	4.99	ug/L	100
27) 1,2-Dichloroethane	5.19	62	136486	4.92	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	196899	4.92	ug/L	99
30) Cyclohexane	4.73	56	166032	4.80	ug/L	99
31) Carbon tetrachloride	4.88	117	174424	5.06	ug/L	99
33) Benzene	5.15	78	446043	4.90	ug/L	100
34) Trichloroethene	5.96	95	125650	4.86	ug/L	99
35) Methylcyclohexane	6.18	83	173727	4.82	ug/L	98
37) 1,2-Dichloropropane	6.23	63	113214	4.80	ug/L	98
38) Bromodichloromethane	6.56	83	149882	4.98	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	160484	4.96	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	691012	50.79	ug/L	100
42) Toluene	7.44	91	474941	4.94	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	131892	5.01	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	82041	5.07	ug/L	99
47) Tetrachloroethene	8.02	164	89540	4.91	ug/L	97
48) 2-Hexanone	8.19	43	489404	50.45	ug/L	98
49) Dibromochloromethane	8.30	129	94316	5.01	ug/L	99
50) 1,2-Dibromoethane	8.40	107	73055	4.98	ug/L	98
51) Chlorobenzene	8.93	112	316405	4.90	ug/L	99
52) Ethylbenzene	9.06	91	541434	5.03	ug/L	98
53) m,p-xylene	9.19	106	201736	5.13	ug/L	96
54) o-xylene	9.59	106	198804	5.17	ug/L	100
55) Styrene	9.61	104	336119	5.25	ug/L	98
56) Isopropylbenzene	9.98	105	545729	5.17	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	89290	4.90	ug/L	97
59) 1,2,3-Trichloropropane	10.33	75	73582	5.13	ug/L	98
61) Bromoform	9.78	173	46072	5.10	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	238097	5.06	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	241186	5.01	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	234580	5.14	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	13807	5.12	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	178014	5.08	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	131373	4.93	ug/L	99
69) Naphthalene	13.56	128	203356	4.90	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	128171	5.06	ug/L	99

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

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