

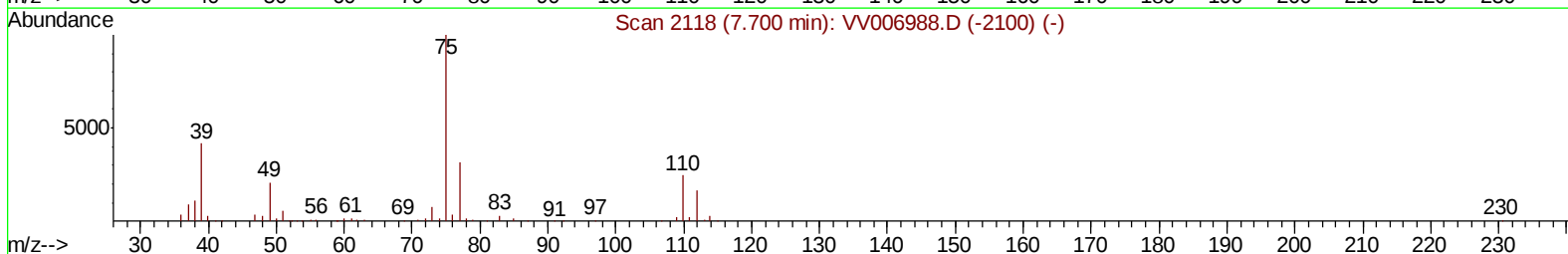
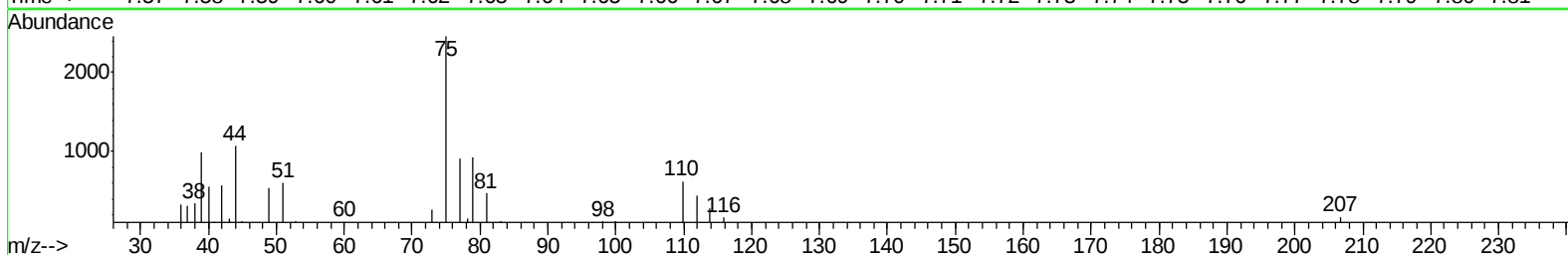
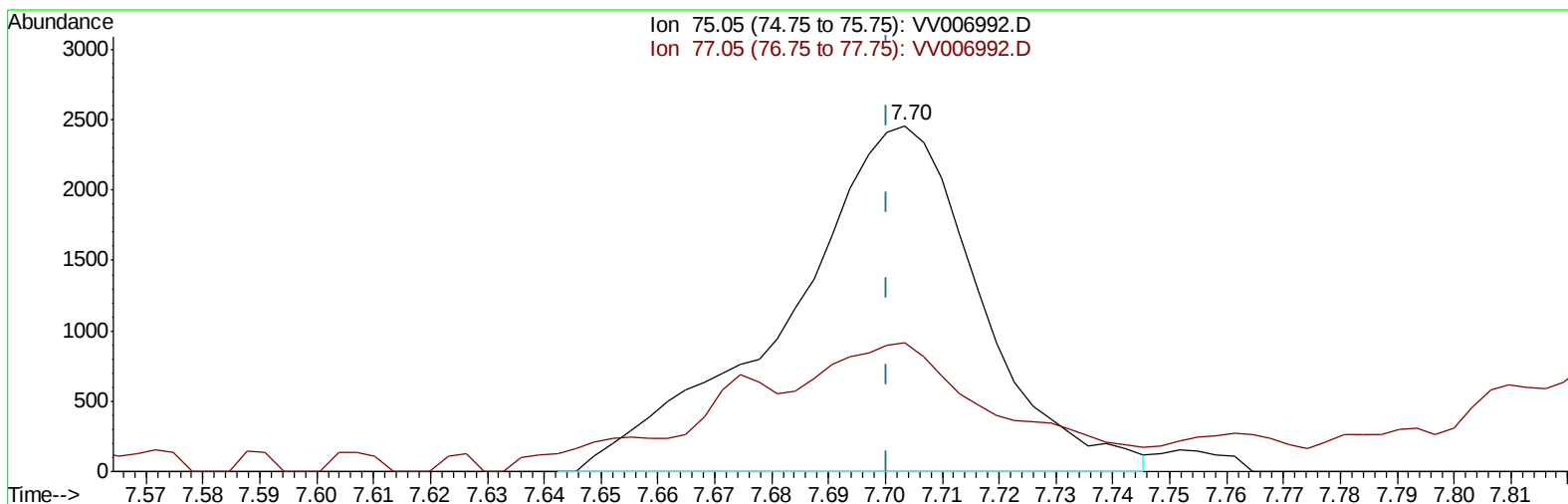
Data Path : \\74.0.250.170\terastorage\voasrv\HPCHEM1\MSVOA_V\Data\VV081018\
Data File : VV006992.D
Acq On : 10 Aug 2018 19:08
Operator : SY/MD
Sample : MDL03
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations
APPROVED

apatel
8/13/2018 5:34:56 PM

Quant Time: Aug 11 00:21:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration



TIC: VV006992.D

(44) trans-1,3-Dichloropropene (T)

7.703min (+0.003) 0.27ug/L

response 5778

Ion	Exp%	Act%
75.05	100	100
77.05	31.80	37.16
0.00	0.00	0.00
0.00	0.00	0.00

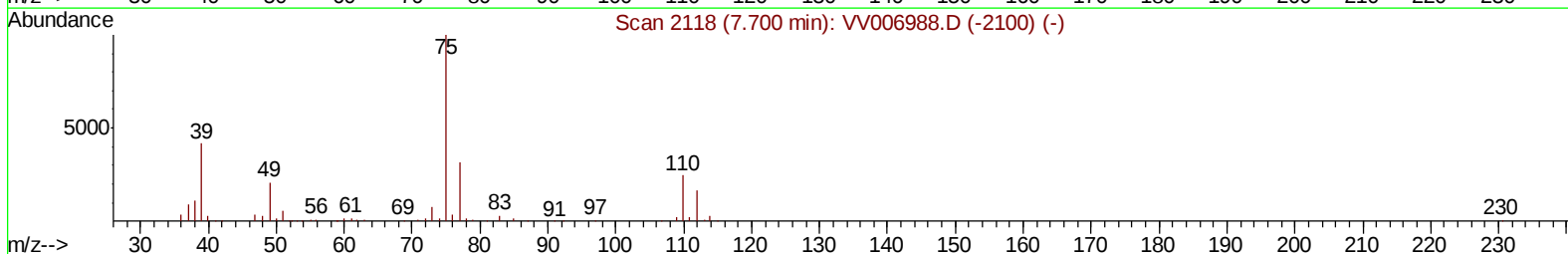
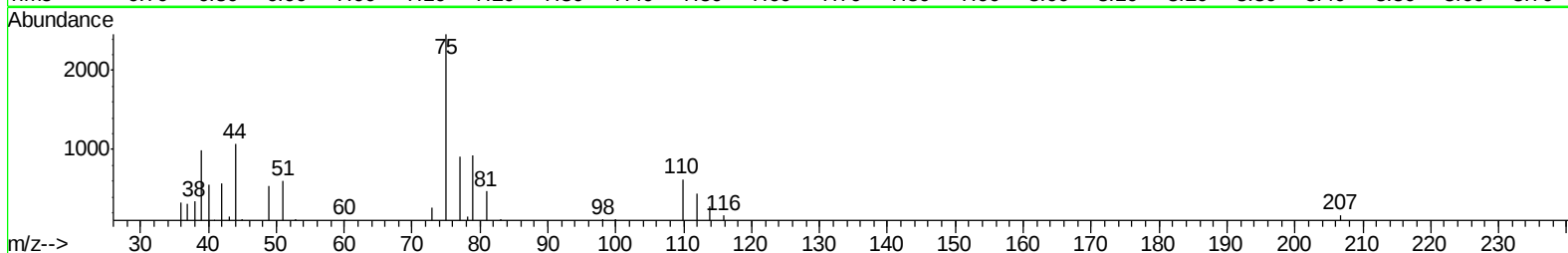
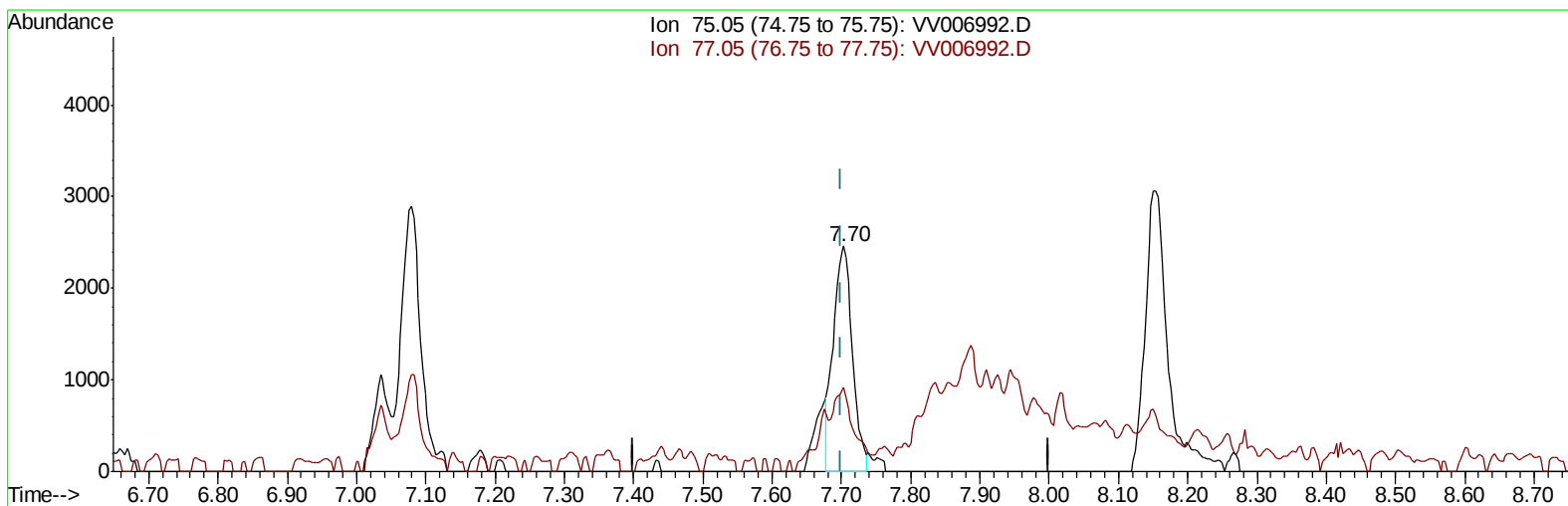
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TIC: VV006992.D

(44) trans-1,3-Dichloropropene (T)

7.703min (+0.003) 0.22ug/L m

response 4729

Ion	Exp%	Act%
75.05	100	100
77.05	31.80	37.16
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Aug 13 09:07:54 2018
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 11 00:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65560	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	59865	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	90483	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	221557	50.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.12%
24) Chloroform-d	4.41	84	150382	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	80083	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	277386	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	101833	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.37	98	207065	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.67	79	31032	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.15	63	117877	41.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74662	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	78571	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5969	0.260 ug/L	99
3) Chloromethane	1.25	50	5915	0.267 ug/L	100
5) Vinyl chloride	1.32	62	5449	0.238 ug/L #	61
6) Bromomethane	1.53	94	1504	0.303 ug/L	96
8) Chloroethane	1.60	64	3659	0.264 ug/L	97
9) Trichlorofluoromethane	1.77	101	7664	0.263 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5060	0.290 ug/L #	88
12) 1,1-Dichloroethene	2.14	96	5145	0.304 ug/L #	1
13) Acetone	2.21	43	7436	3.296 ug/L	98
14) Carbon disulfide	2.32	76	13780	0.246 ug/L #	89
15) Methyl Acetate	2.47	43	2122	0.334 ug/L	95
16) Methylene chloride	2.54	84	7228	0.354 ug/L	88
17) Methyl tert-butyl Ether	2.82	73	10369	0.255 ug/L #	95
18) trans-1,2-Dichloroethene	2.79	96	4849	0.267 ug/L	96
19) 1,1-Dichloroethane	3.23	63	8161	0.249 ug/L	96
21) 2-Butanone	4.06	43	11861	2.421 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	5153	0.250 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	1934	0.230	ug/L	82
25) Chloroform	4.43	83	9879	0.276	ug/L	97
27) 1,2-Dichloroethane	5.19	62	6237	0.279	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	7394	0.243	ug/L	97
31) Carbon tetrachloride	4.87	117	6070	0.237	ug/L	95
33) Benzene	5.15	78	19088	0.241	ug/L	100
34) Trichloroethene	5.96	95	4346	0.229	ug/L	79
35) Methylcyclohexane	6.18	83	6449	0.212	ug/L	97
37) 1,2-Dichloropropane	6.23	63	5339	0.246	ug/L #	94
38) Bromodichloromethane	6.57	83	5582	0.227	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	21227	1.812	ug/L #	87
42) Toluene	7.44	91	16269	0.214	ug/L	92
44) trans-1,3-Dichloropropene	7.70	75	4729m	0.220	ug/L	
45) 1,1,2-Trichloroethane	7.89	97	3085	0.219	ug/L #	89
47) Tetrachloroethene	8.03	164	3942	0.256	ug/L	96
48) 2-Hexanone	8.20	43	31883	3.860	ug/L	94
49) Dibromochloromethane	8.30	129	3731	0.252	ug/L	95
50) 1,2-Dibromoethane	8.40	107	2950	0.248	ug/L #	99
51) Chlorobenzene	8.93	112	11375	0.234	ug/L	99
52) Ethylbenzene	9.06	91	15921	0.209	ug/L	99
54) o-xylene	9.59	106	5697	0.212	ug/L	90
58) 1,1,2,2-Tetrachloroethane	10.29	83	3727	0.217	ug/L #	71
59) 1,2,3-Trichloropropane	10.33	75	3091	0.255	ug/L #	86
61) Bromoform	9.78	173	1980	0.279	ug/L #	88
62) 1,3-Dichlorobenzene	11.24	146	7146	0.236	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	7780	0.250	ug/L	88
65) 1,2-Dichlorobenzene	11.70	146	7415	0.249	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	498	0.235	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	5534	0.241	ug/L	93

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