

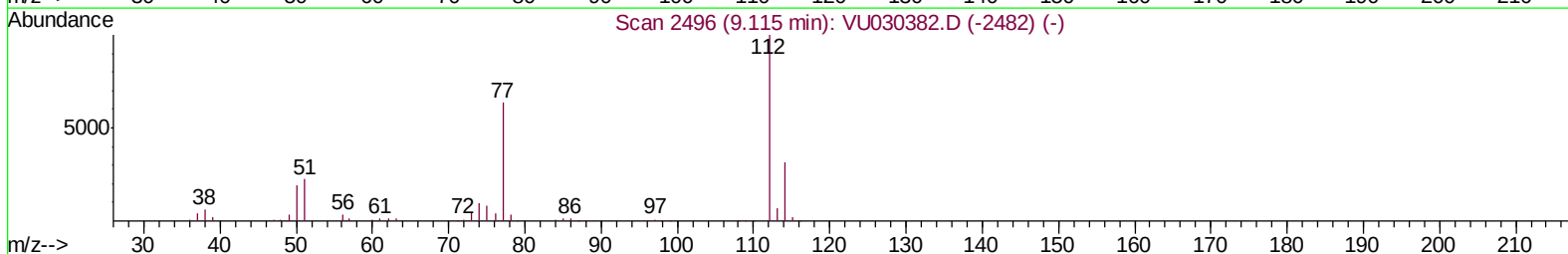
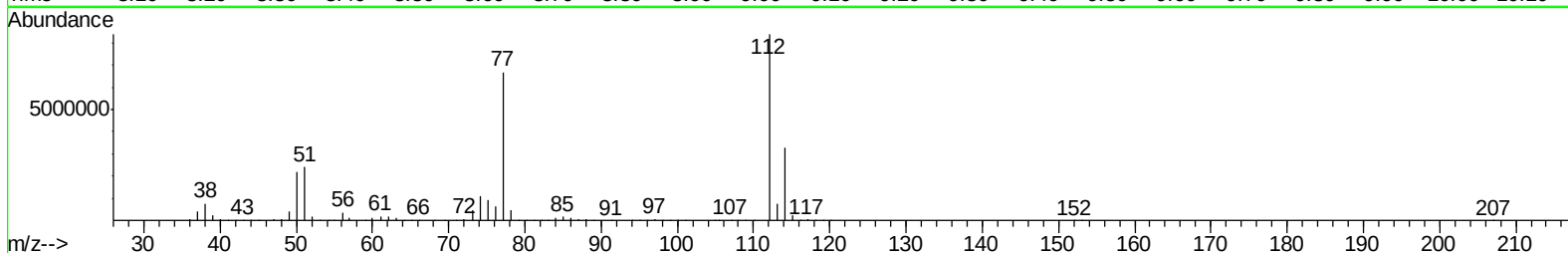
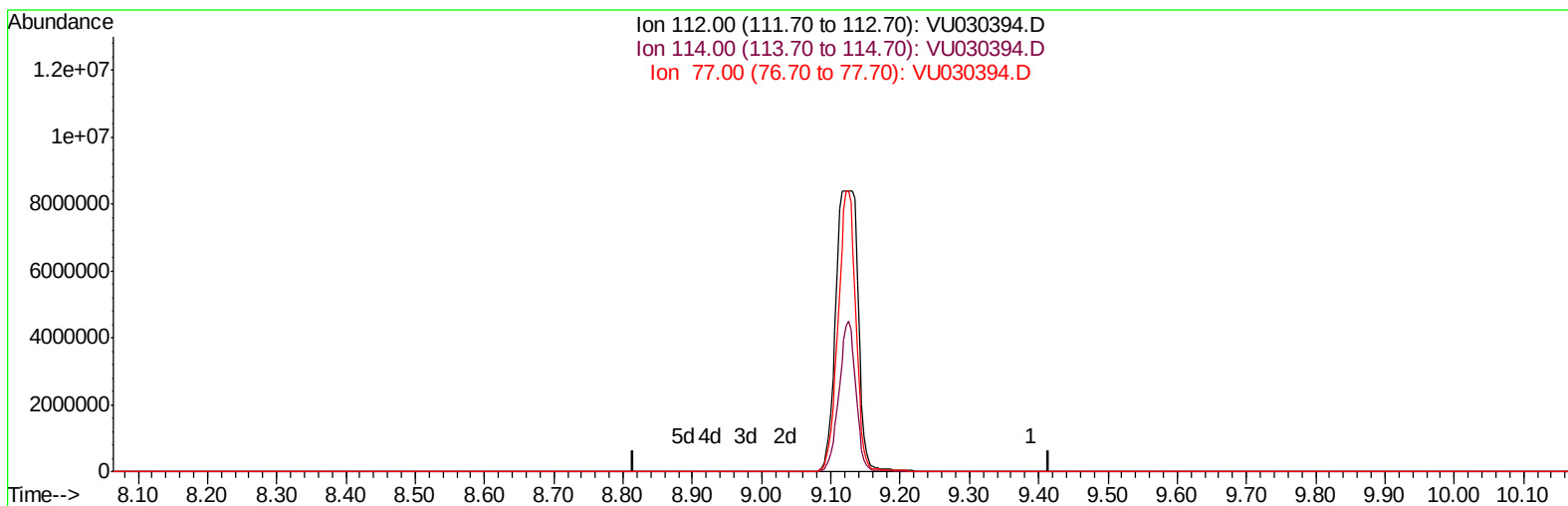
Data File : VU030394.D
Acq On : 25 Mar 2019 03:14
Operator : JC/SP
Sample : K2070-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:26 PM

Quant Time: Mar 25 07:06:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



TIC: VU030394.D

(51) Chlorobenzene (T)

9.115min (-9.115) 0.00ug/L d

response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	30.70	0.00
77.00	64.20	0.00
0.00	0.00	0.00

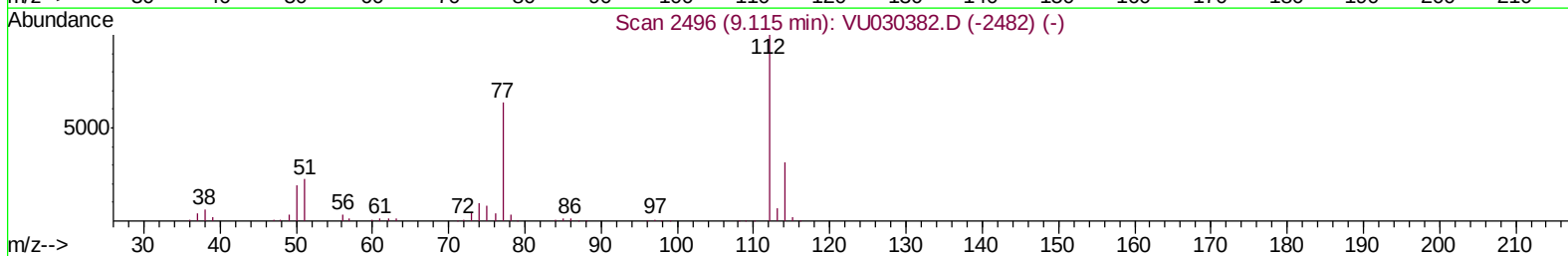
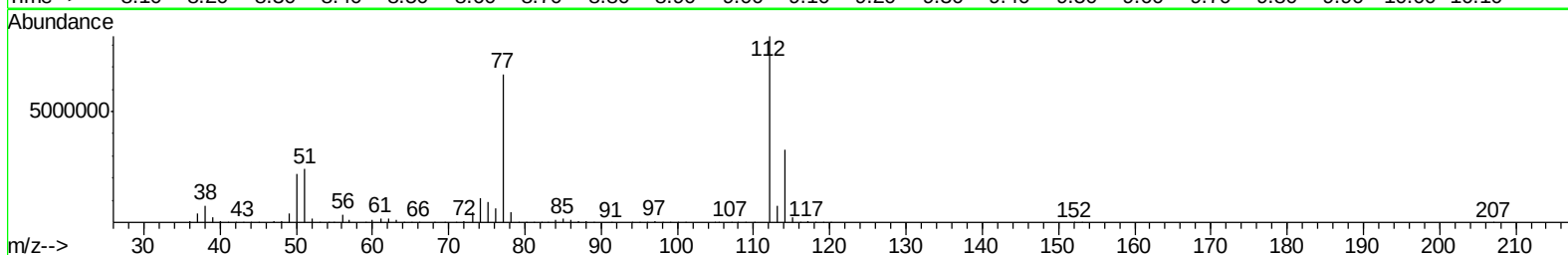
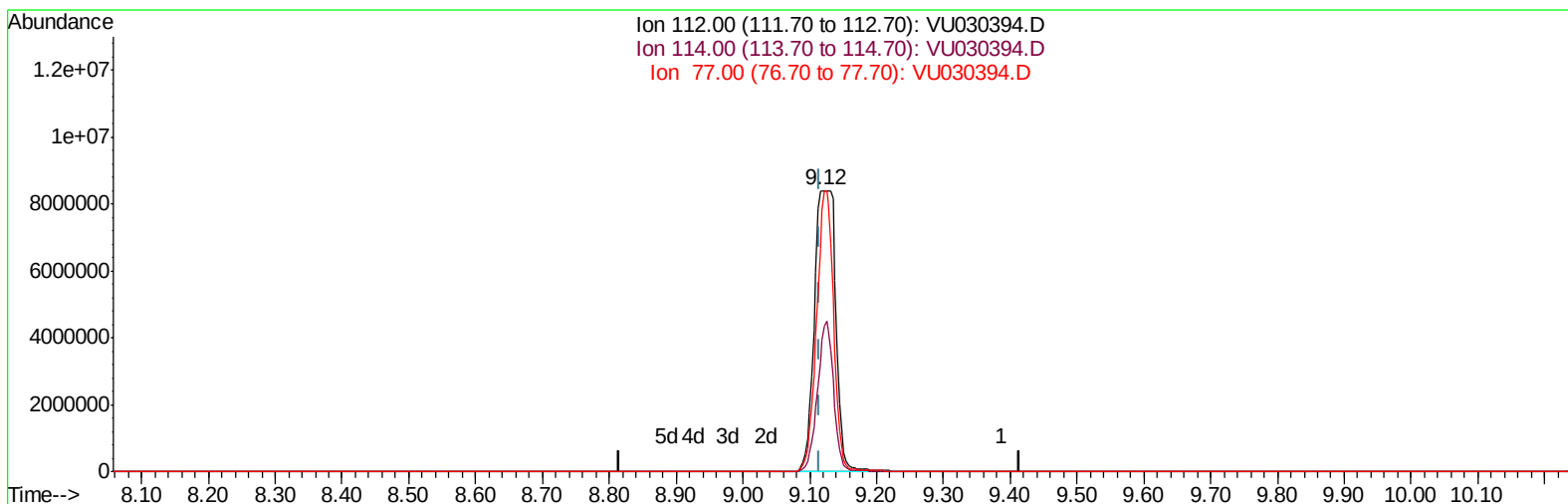
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TIC: VU030394.D

(51) Chlorobenzene (T)

9.116min (+0.000) 2097.57ug/L m

response 18858368

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	38.96
77.00	64.20	79.55#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	419895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119586	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.72%
7) Chloroethane-d5	1.68	69	104216	37.78	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.56%
11) 1,1-Dichloroethene-d2	2.27	63	188253	28.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.04%#
21) 2-Butanone-d5	4.17	46	309377	94.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.57%
24) Chloroform-d	4.64	84	264230	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
26) 1,2-Dichloroethane-d4	5.31	65	179616	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
32) Benzene-d6	5.34	84	541543	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.33	67	193733	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.04%
41) Toluene-d8	7.56	98	480033	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.85	79	83637	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.31	63	203390	91.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263249	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	182376	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

						Qvalue
13) Acetone	2.32	43	10644	3.217	ug/L	98
25) Chloroform	4.67	83	23097	3.648	ug/L	98
31) Carbon tetrachloride	5.13	117	15536	3.565	ug/L	100
33) Benzene	5.39	78	669373	46.830	ug/L	100
42) Toluene	7.64	91	5760	0.388	ug/L	96
51) Chlorobenzene	9.12	112	18858368m	2097.573	ug/L	
62) 1,3-Dichlorobenzene	11.41	146	567259	89.325	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	2720807	416.171	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	5369949	836.258	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	1165475	282.144	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	266798	61.165	ug/L	100

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

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