

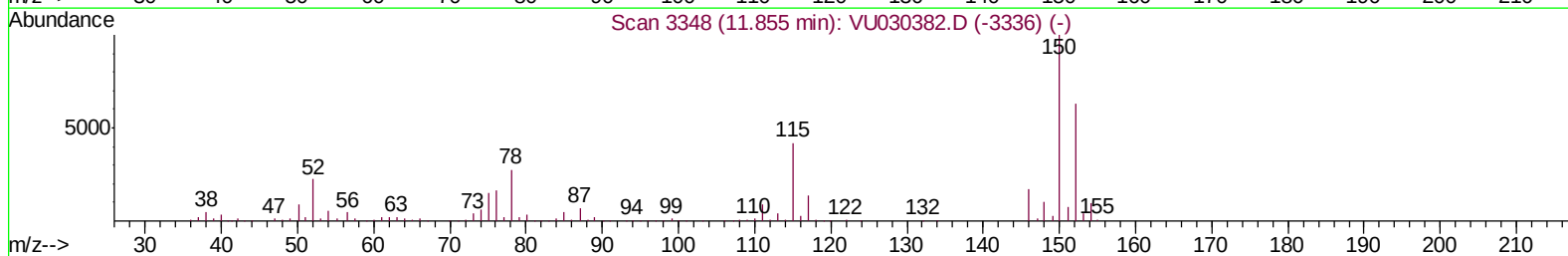
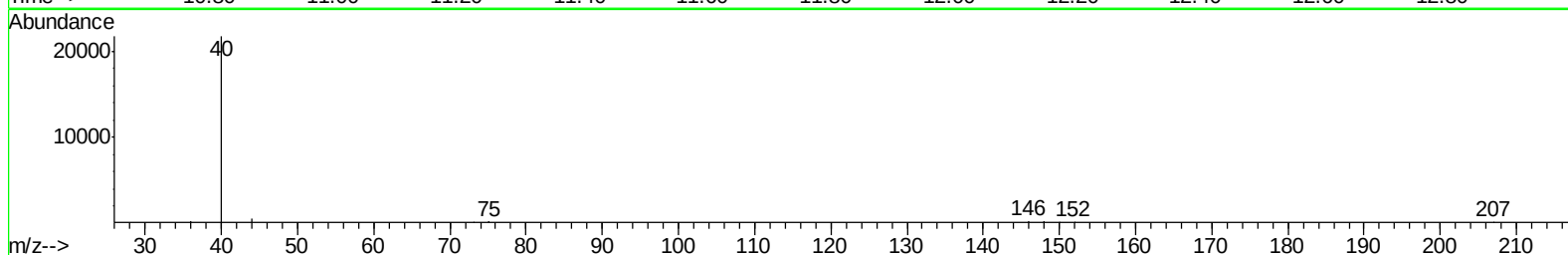
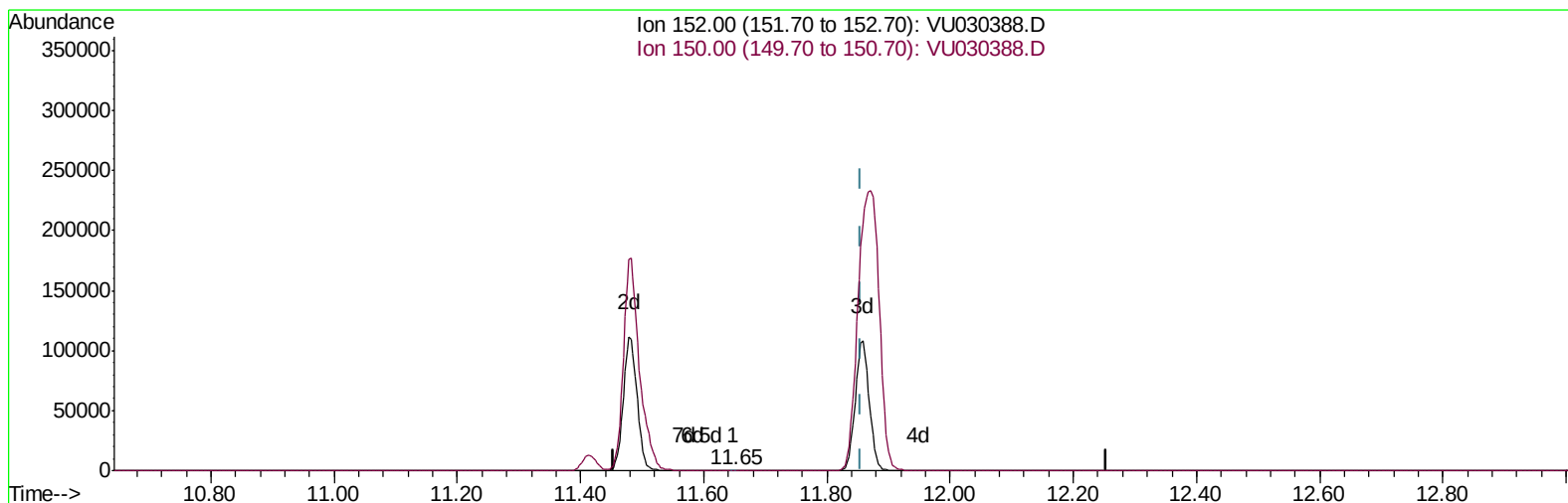
Data File : VU030388.D
Acq On : 25 Mar 2019 00:52
Operator : JC/SP
Sample : K2016-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F0

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:15 PM

Quant Time: Mar 25 05:52:50 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: VU030388.D

(64) 1,2-Dichlorobenzene-d4 (S)

11.649min (-0.206) 0.01ug/L

response 42

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	171.43
0.00	0.00	0.00
0.00	0.00	0.00

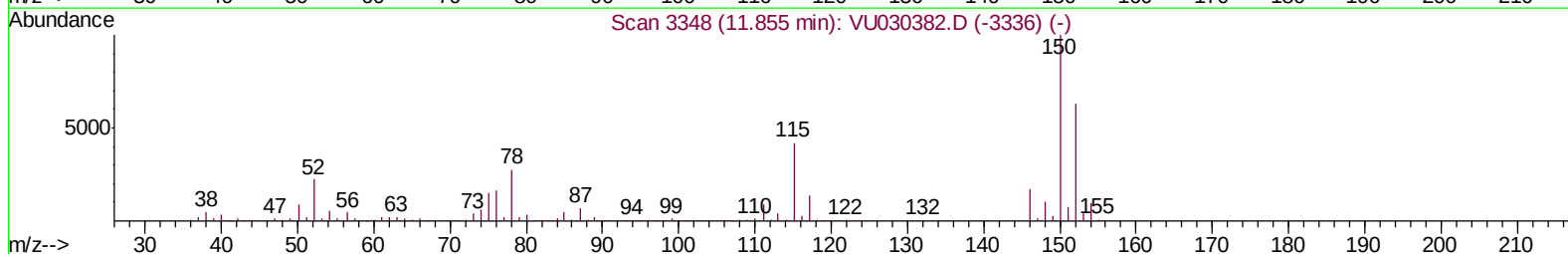
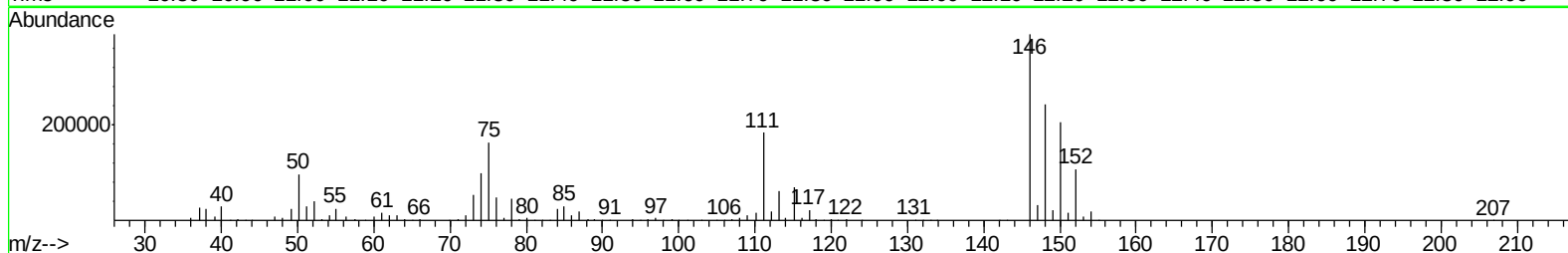
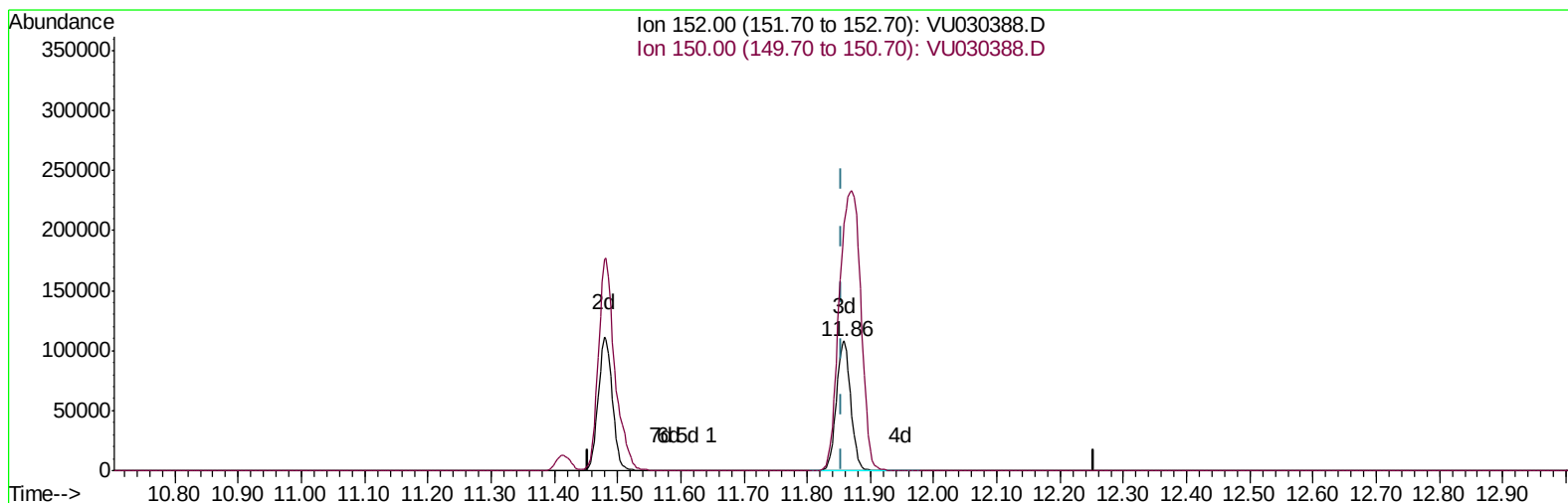
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TIC: VU030388.D

(64) 1,2-Dichlorobenzene-d4 (S)

11.858min (+0.003) 49.67ug/L m

response 171435

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Mar 25 06:37:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	395174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172256	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130549	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.10%
7) Chloroethane-d5	1.68	69	110580	43.87	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.27	63	194252	32.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.40%
21) 2-Butanone-d5	4.17	46	278133	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.64	84	248316	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	169132	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.34	84	517831	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.33	67	184530	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	454608	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	69687	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
47) 2-Hexanone-d5	8.31	63	176453	87.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	245648	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	171435m	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%

Target Compounds

					Qvalue
13) Acetone	2.32	43	9726	3.217	ug/L 97
51) Chlorobenzene	9.12	112	1665463	204.040	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	197979	35.145	ug/L 100
63) 1,4-Dichlorobenzene	11.50	146	497905	85.856	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	2829955	496.824	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	1137342	310.393	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	312429	80.747	ug/L 99

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

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