

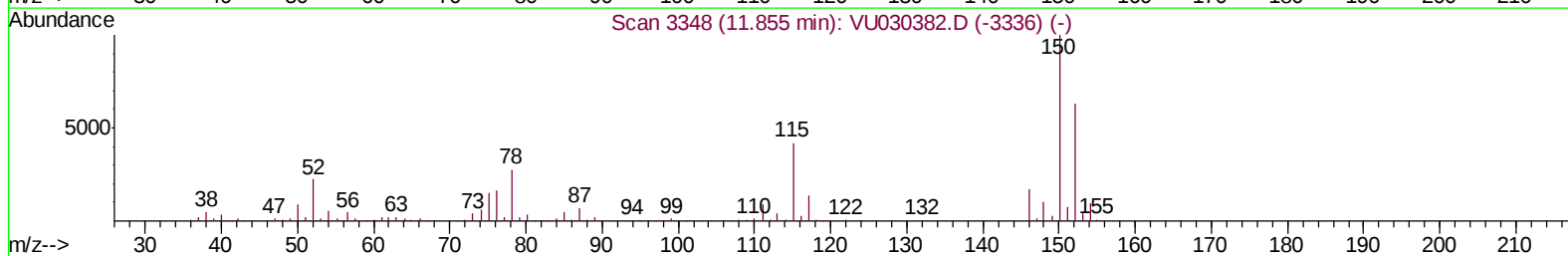
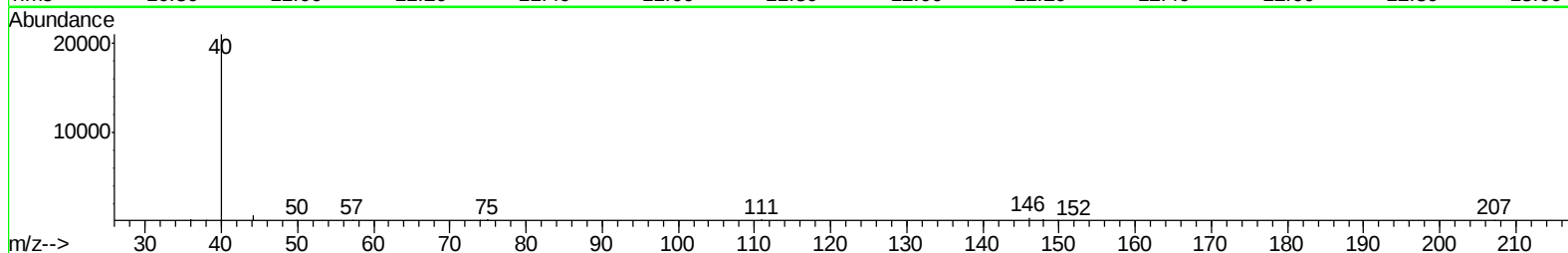
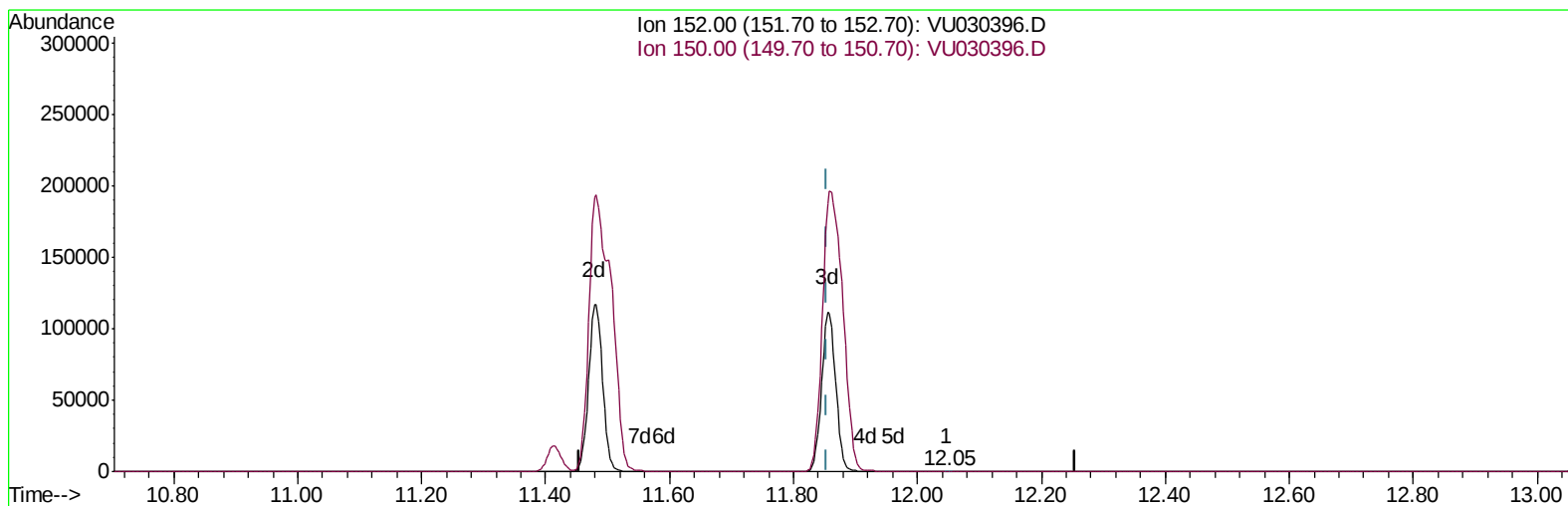
Data File : VU030396.D
Acq On : 25 Mar 2019 04:01
Operator : JC/SP
Sample : K2070-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D6

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:36 PM

Quant Time: Mar 25 05:54:33 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: VU030396.D

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

12.048min (+0.193) 0.01ug/L

response 39

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	182.05
0.00	0.00	0.00
0.00	0.00	0.00

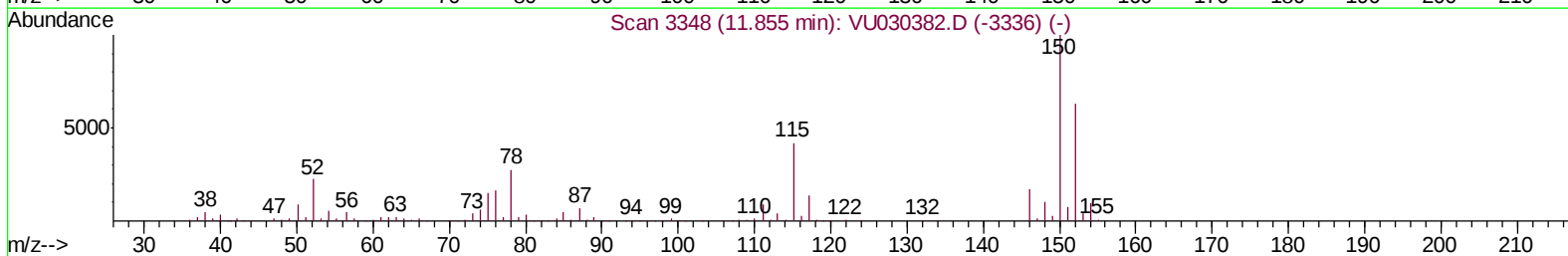
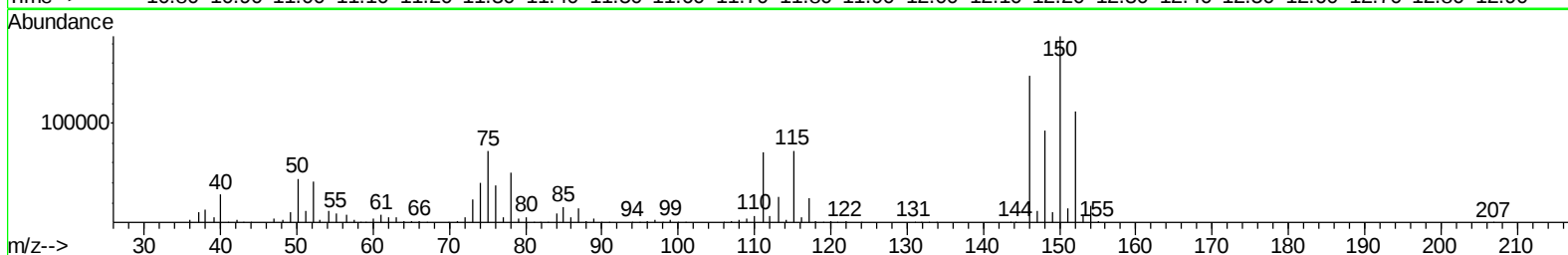
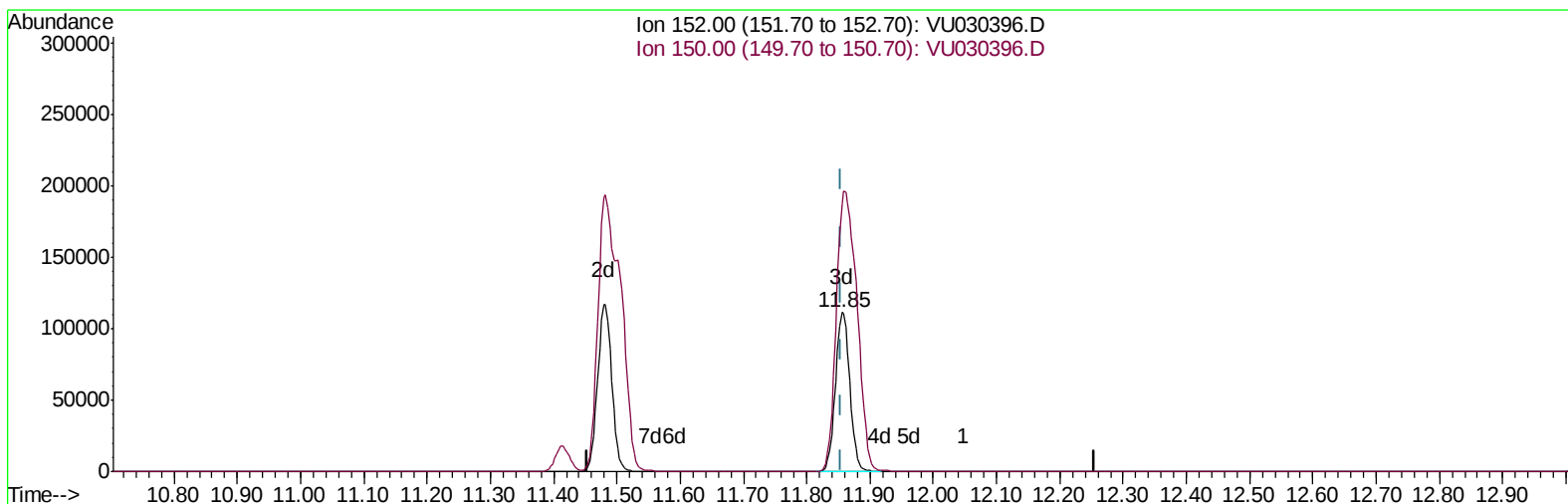
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TIC: VU030396.D

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

11.855min (+0.000) 48.66ug/L m

response 177622

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 07:16:28 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412884	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182196	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115374	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.44%
7) Chloroethane-d5	1.68	69	110247	41.86	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.72%
11) 1,1-Dichloroethene-d2	2.27	63	190707	30.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.52%
21) 2-Butanone-d5	4.17	46	301658	96.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.57%
24) Chloroform-d	4.64	84	263795	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.31	65	175419	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.34	84	535882	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.33	67	191031	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.56	98	468303	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	78768	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.31	63	201798	94.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260431	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	177622m	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

					Qvalue
13) Acetone	2.32	43	33311	10.545	ug/L 96
33) Benzene	5.39	78	315806	23.216	ug/L 100
51) Chlorobenzene	9.12	112	2156090	251.990	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	269804	45.282	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	1923987	313.664	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	1669886	277.169	ug/L 100
67) 1,3,5-Trichlorobenzene	12.88	180	5794	1.299	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	1939470	500.425	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	703579	171.919	ug/L 99

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

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