

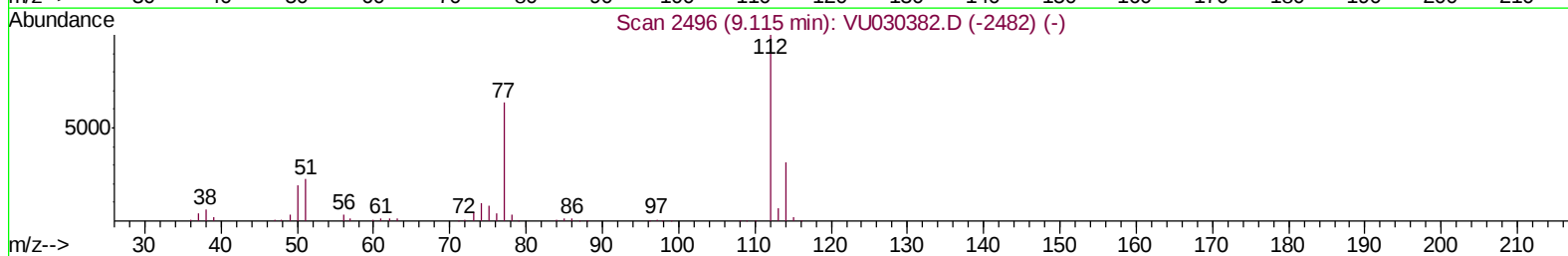
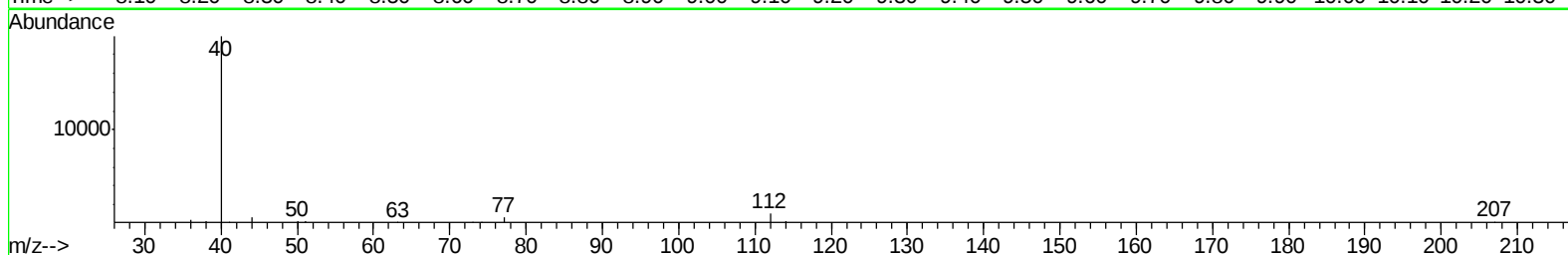
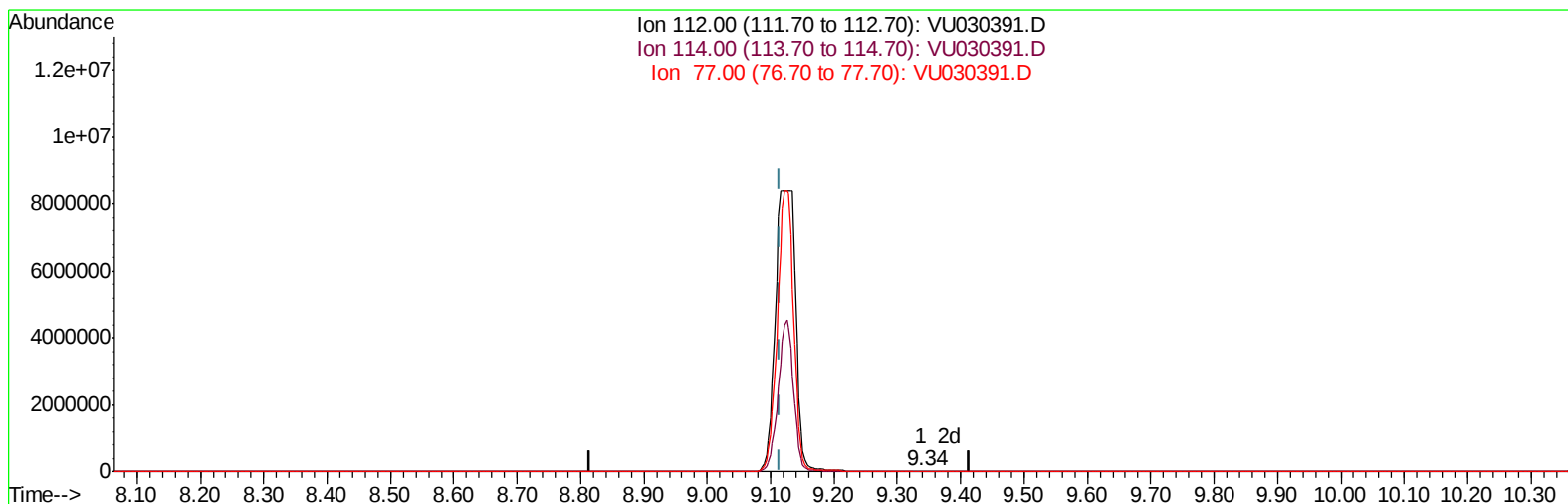
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(51) Chlorobenzene (T)

9.337min (+0.222) 0.06ug/L

response 555

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	26.72
77.00	64.20	62.41
0.00	0.00	0.00

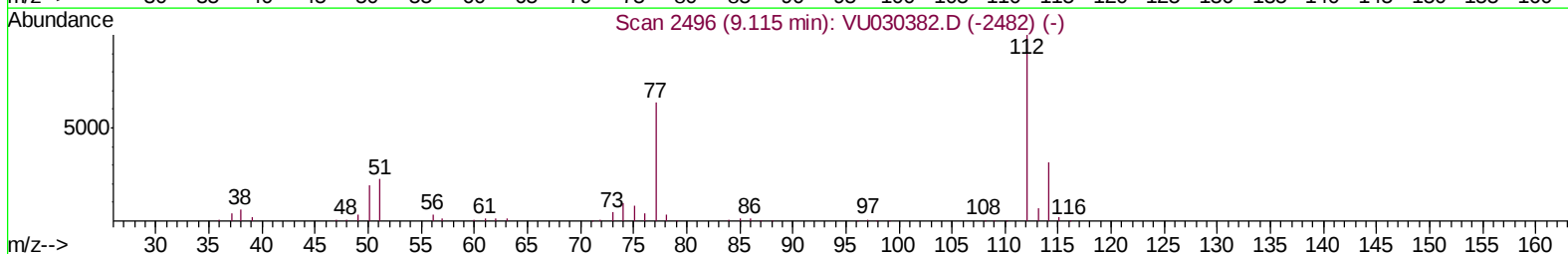
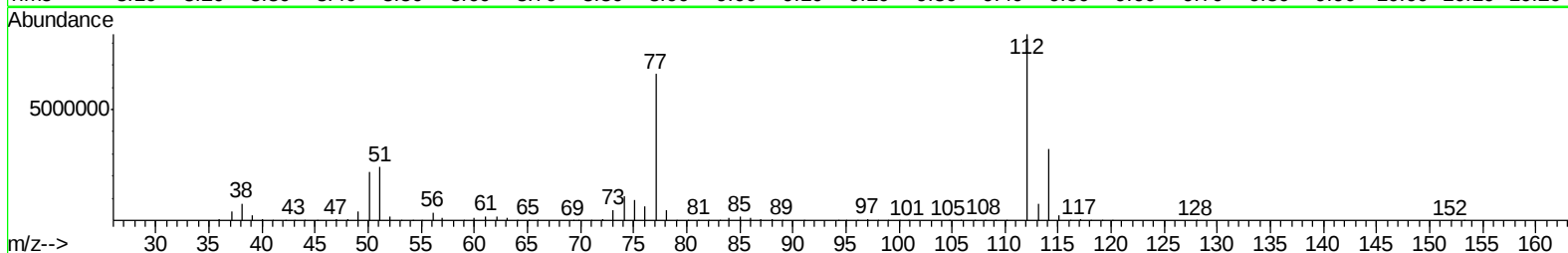
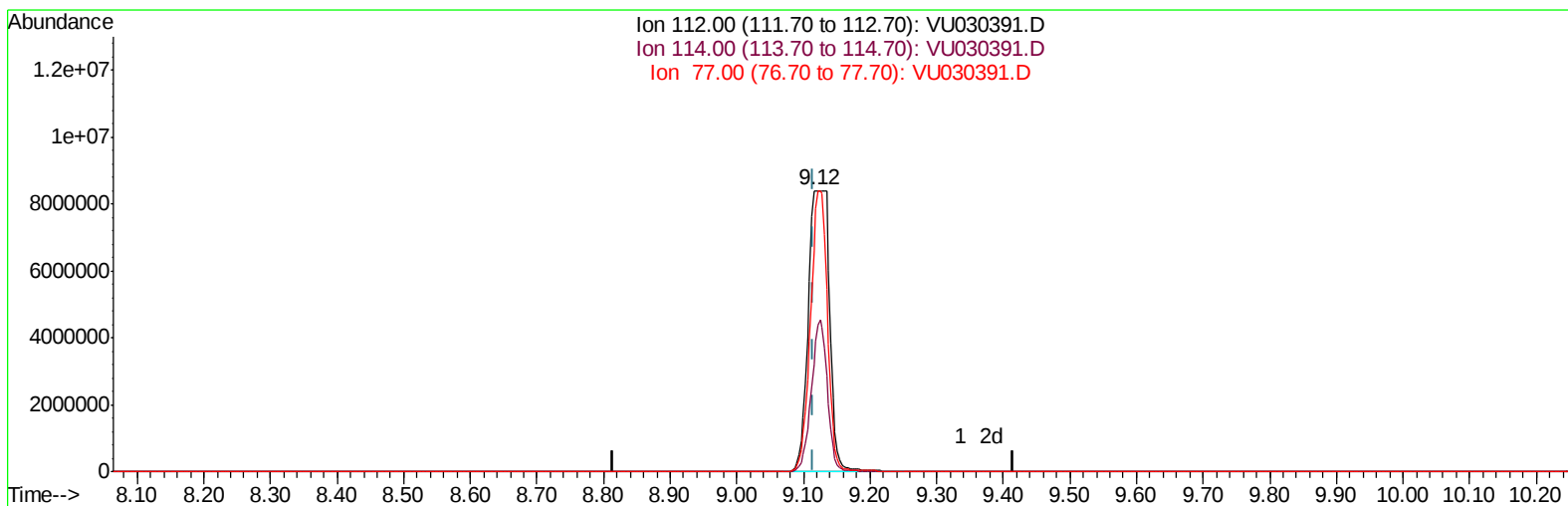
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(51) Chlorobenzene (T)

9.115min (+0.000) 2173.09ug/L m

response 18847824

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	38.29
77.00	64.20	78.76#
0.00	0.00	0.00

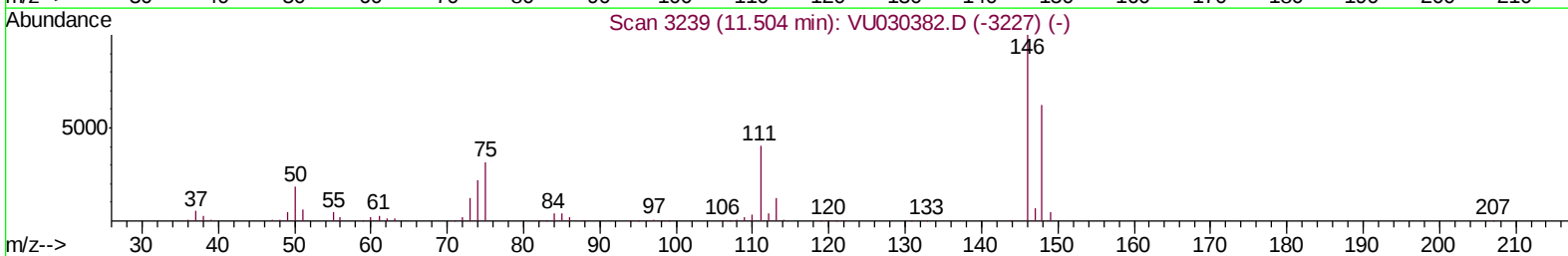
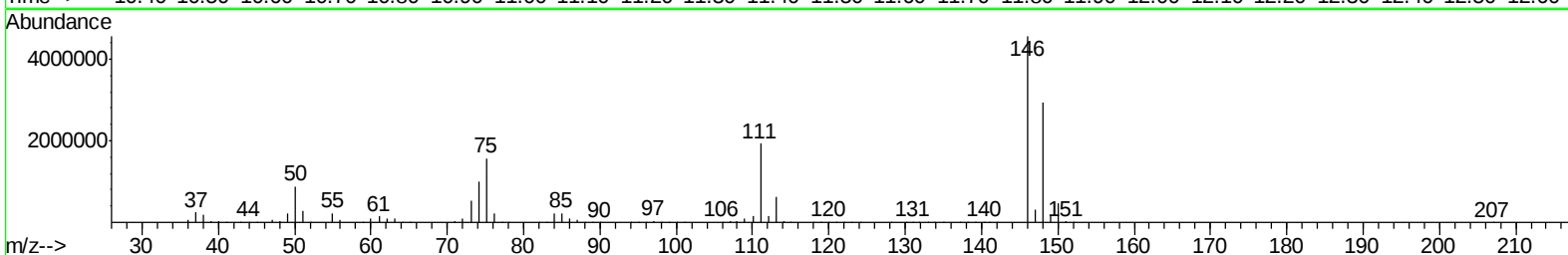
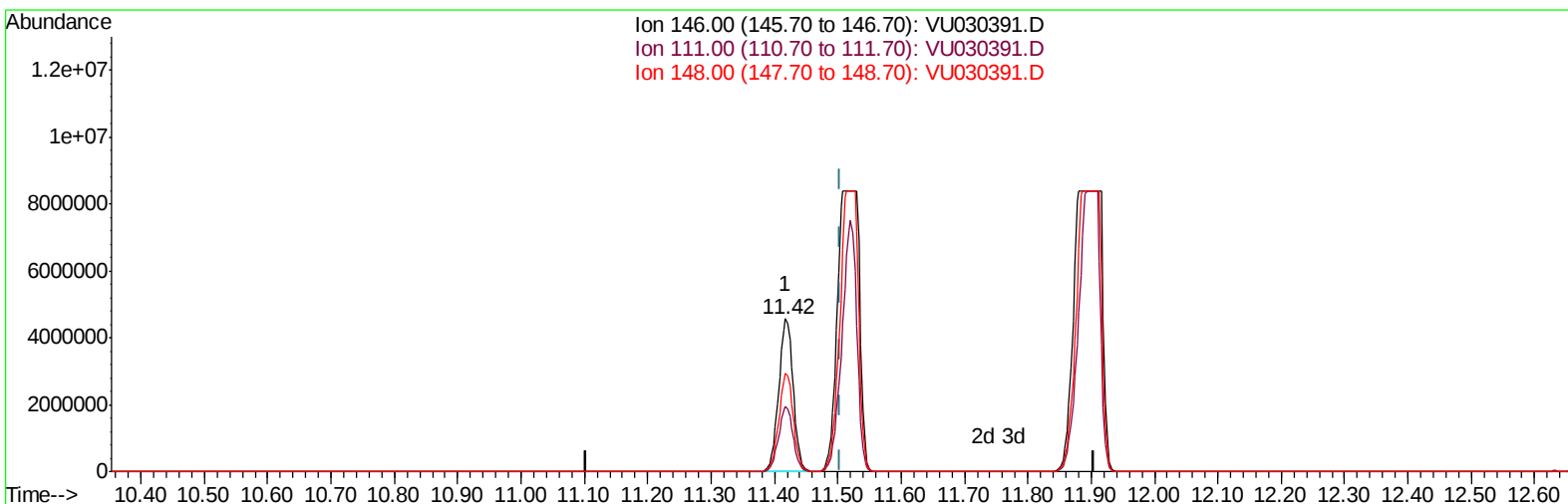
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(63) 1,4-Dichlorobenzene (T)

11.418min (-0.087) 999.06ug/L

response 7187648

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	42.43
148.00	63.30	64.21
0.00	0.00	0.00

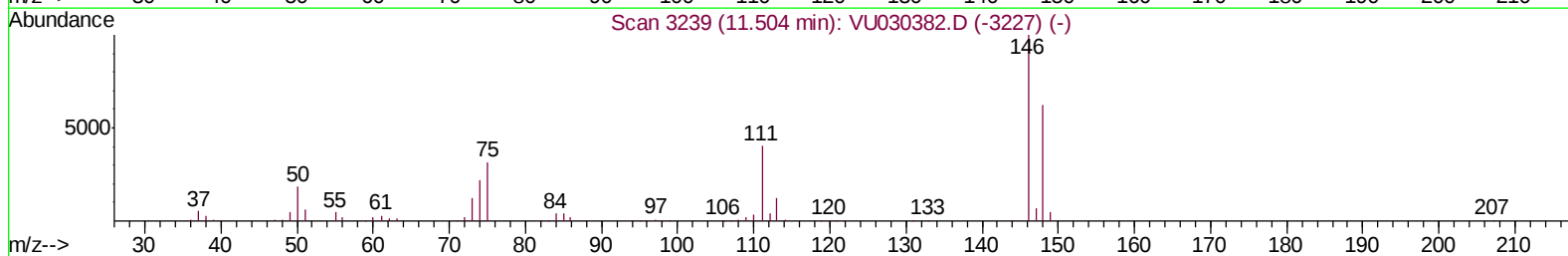
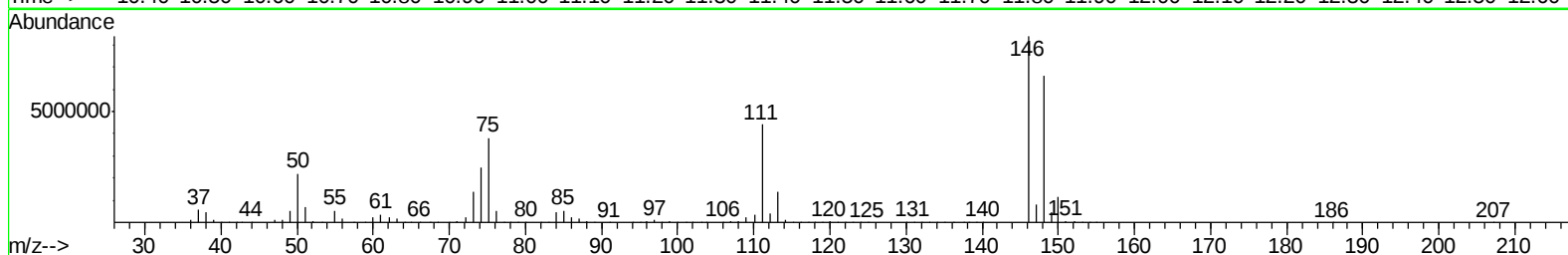
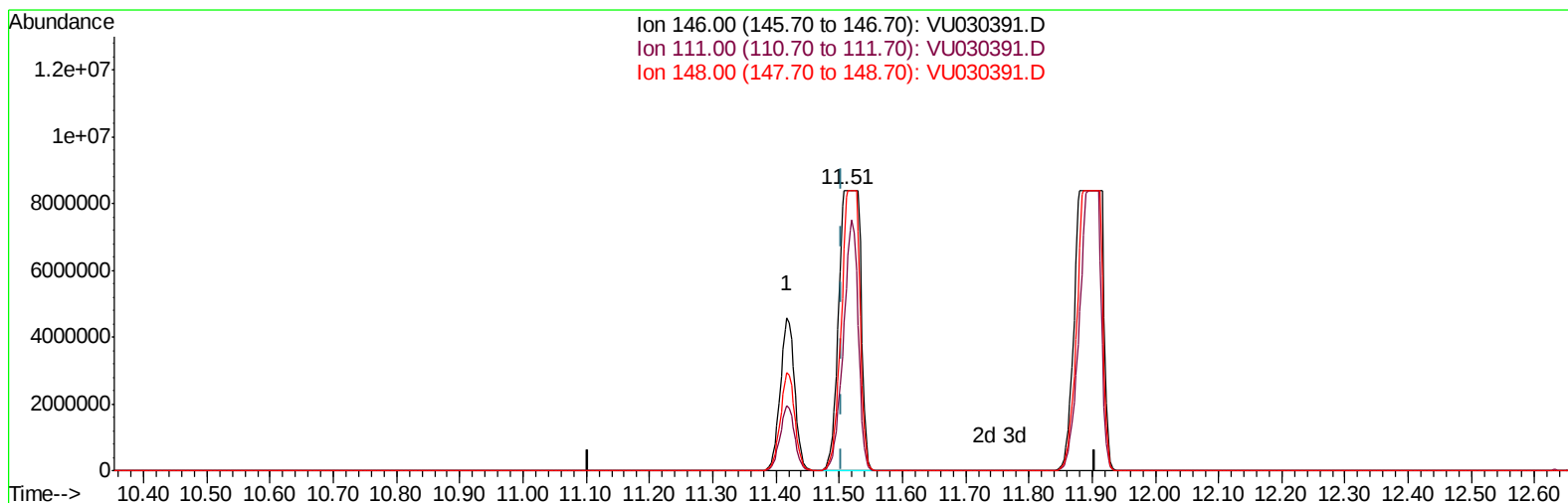
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 2829.43ug/L m

response 20356125

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	52.57
148.00	63.30	78.98
0.00	0.00	0.00

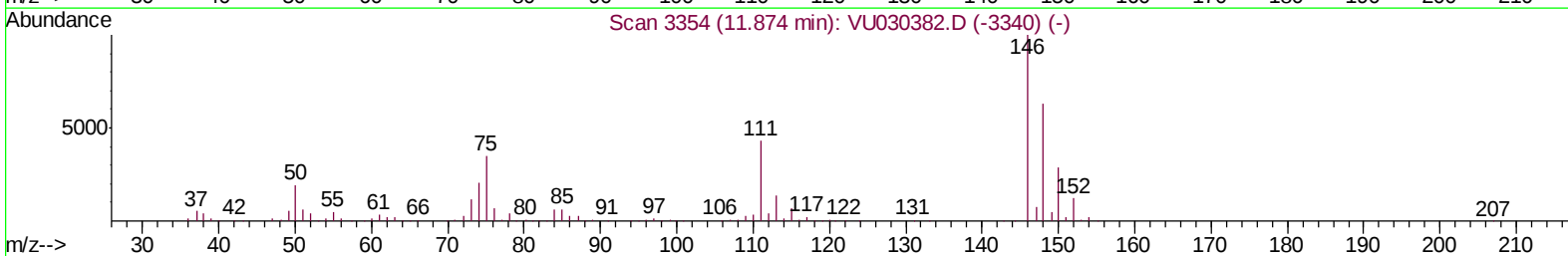
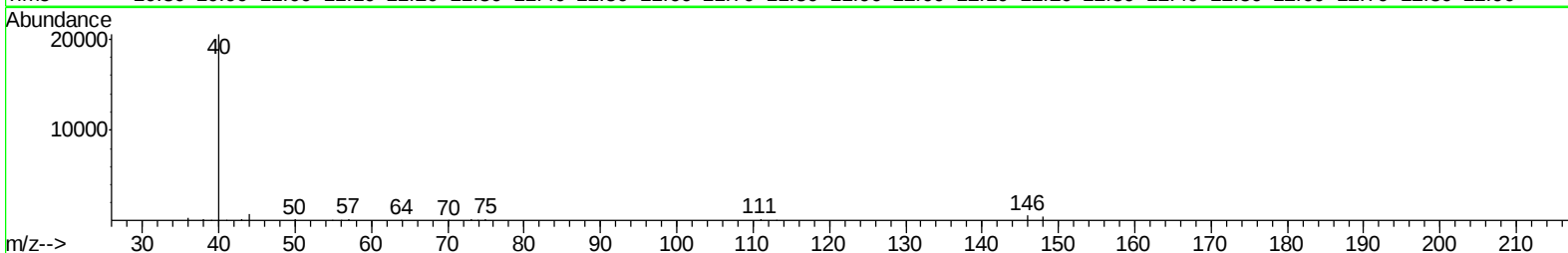
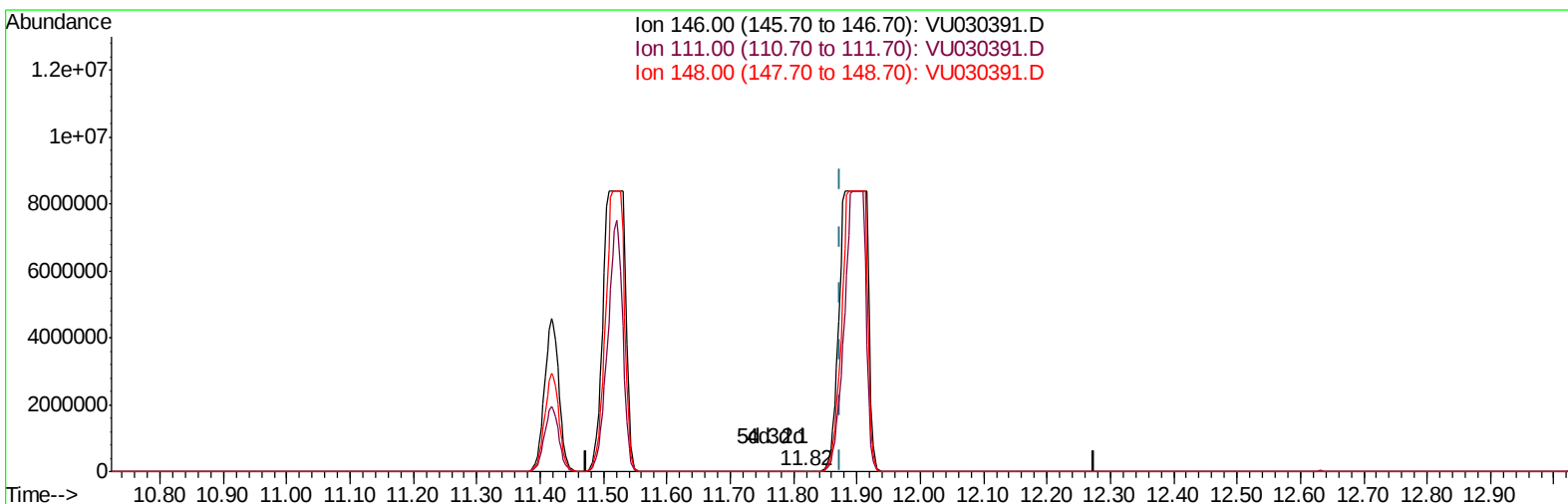
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(65) 1,2-Dichlorobenzene (T)

11.816min (-0.058) 0.00ug/L

response 35

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	38.32
148.00	64.00	72.27
0.00	0.00	0.00

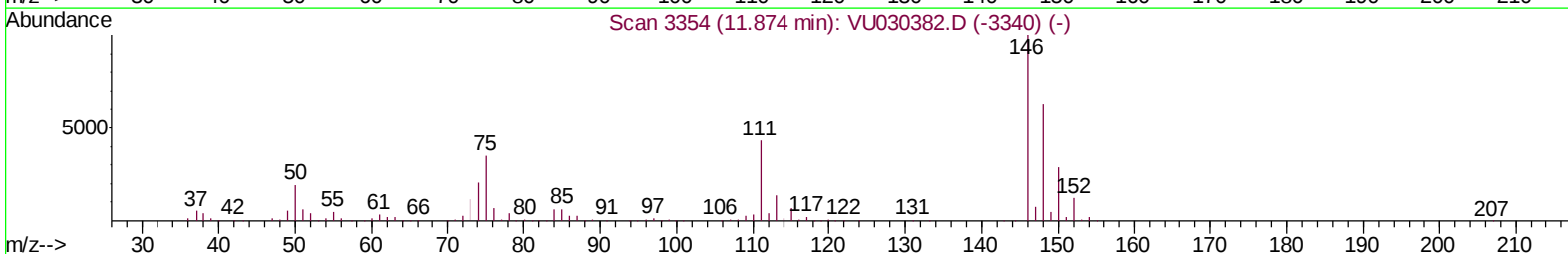
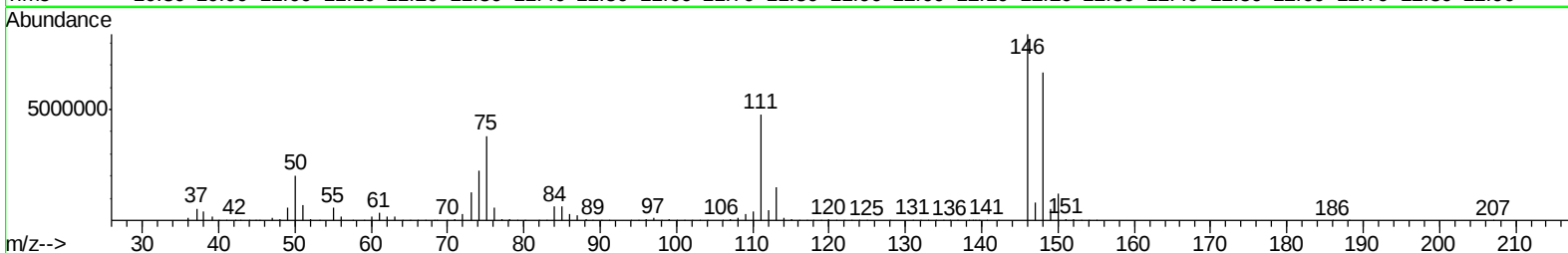
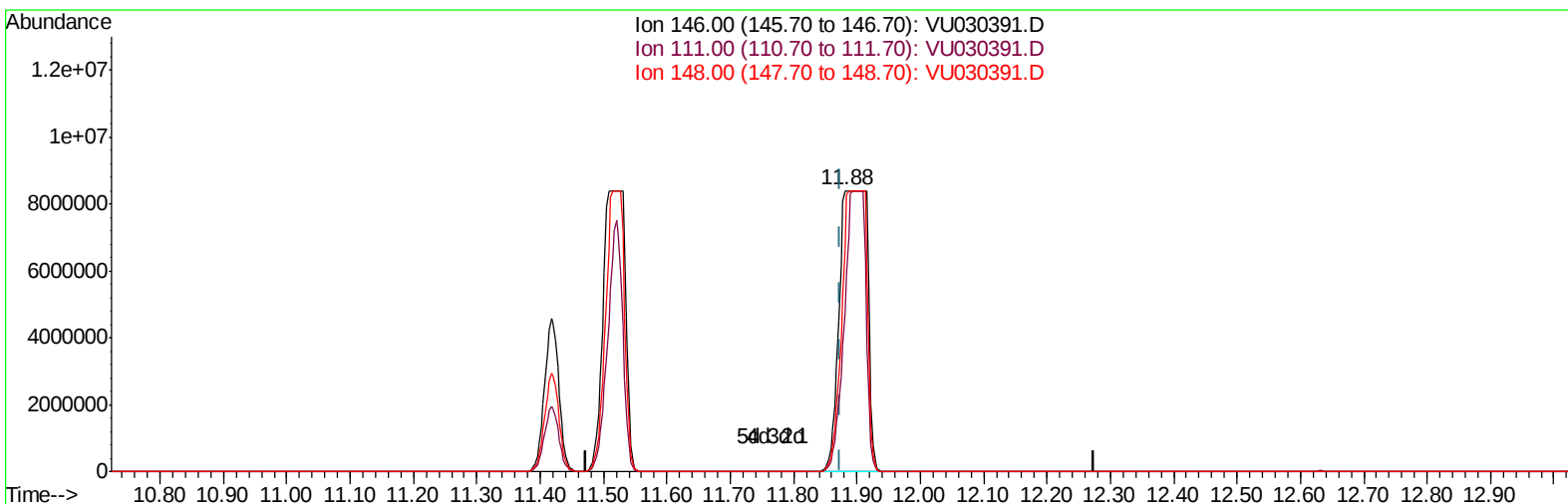
Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:46:03 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: VU030391.D

(65) 1,2-Dichlorobenzene (T)

11.881min (+0.006) 3680.78ug/L m

response 26009886

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	57.04#
148.00	64.00	79.65#
0.00	0.00	0.00

Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:48:41 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	213696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123416	37.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.34%
7) Chloroethane-d5	1.68	69	108880	41.37	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.74%
11) 1,1-Dichloroethene-d2	2.27	63	189852	30.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.28%
21) 2-Butanone-d5	4.17	46	293787	94.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.13%
24) Chloroform-d	4.64	84	262350	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.31	65	174978	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.34	84	526075	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.33	67	187519	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.36%
41) Toluene-d8	7.56	98	458935	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.85	79	80390	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.04%
47) 2-Hexanone-d5	8.31	63	204479	94.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261620	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	216551	50.57	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%

Target Compounds

						Qvalue
13) Acetone	2.32	43	14479	4.587	ug/L	95
25) Chloroform	4.67	83	129944	21.511	ug/L	99
31) Carbon tetrachloride	5.13	117	39507	9.397	ug/L	97
33) Benzene	5.39	78	9314687	675.506	ug/L	100
35) Methylcyclohexane	6.42	83	3800	0.681	ug/L #	68
42) Toluene	7.64	91	5271	0.368	ug/L	86
46) Tetrachloroethene	8.23	164	1245	0.526	ug/L	95
51) Chlorobenzene	9.12	112	18847824m	2173.093	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	7187648	1028.506	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	20356125m	2829.435	ug/L	
65) 1,2-Dichlorobenzene	11.88	146	26009886m	3680.775	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	6156	1.177	ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	10489895	2307.648	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	4206082	876.256	ug/L	100

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

Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 1:08:20 PM

Quant Time: Mar 25 06:48:41 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

