

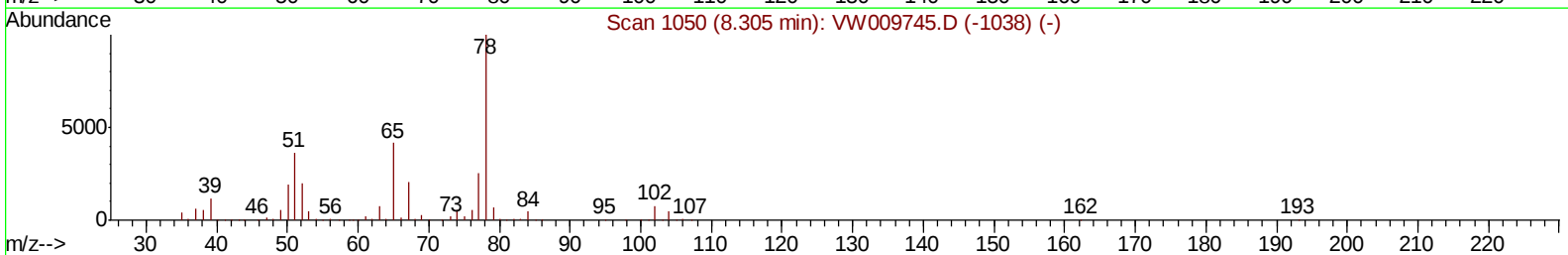
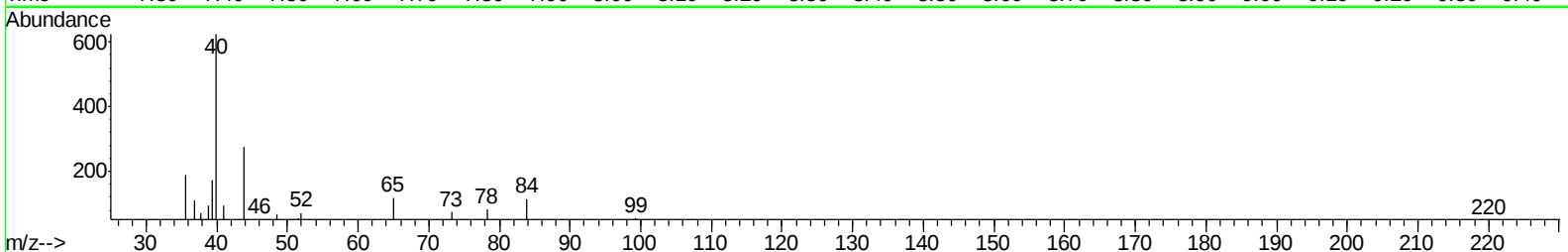
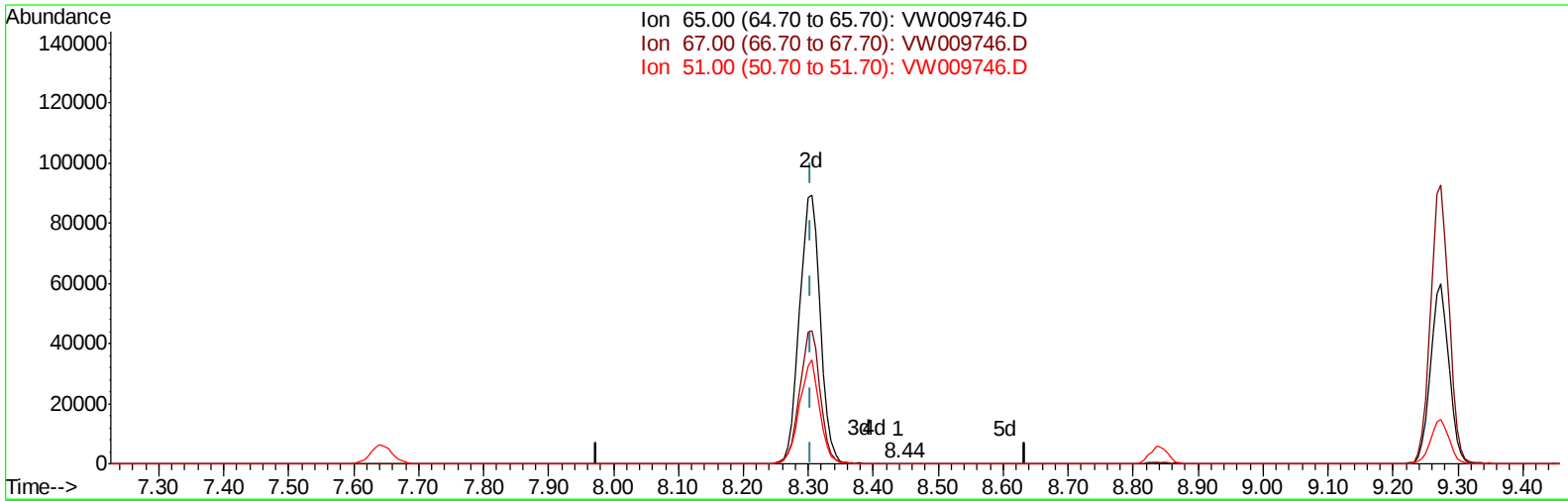
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(26) 1,2-Dichloroethane-d4 (S)

8.439min (+0.134) 0.02ug/L

response 150

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	49.33
51.00	109.90	88.00
0.00	0.00	0.00

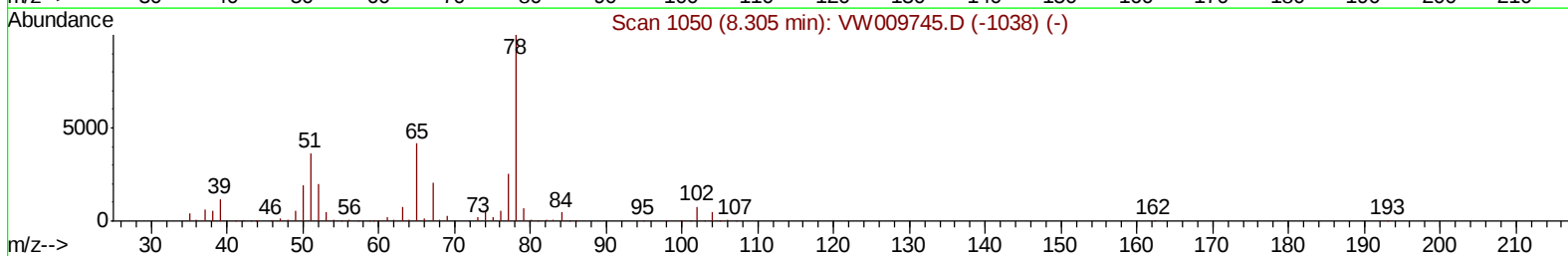
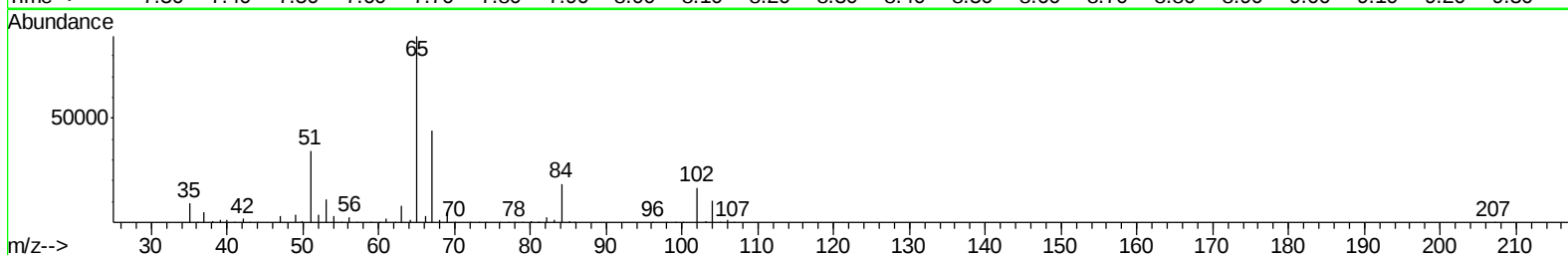
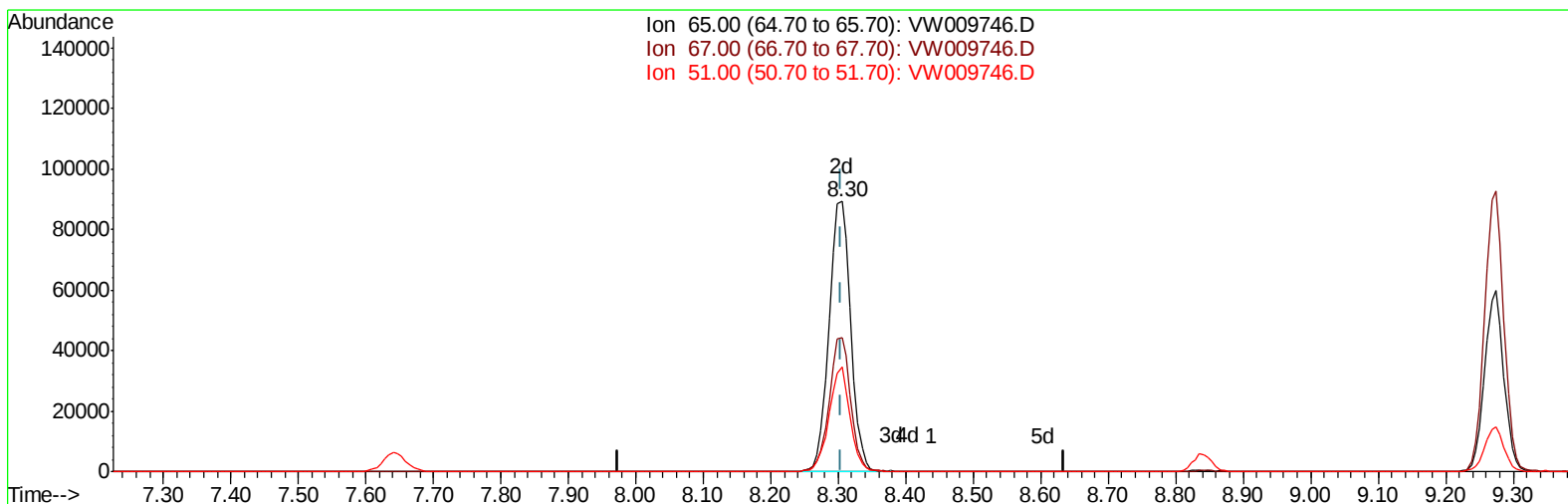
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 26.41ug/L m

response 198911

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.04#
51.00	109.90	0.07#
0.00	0.00	0.00

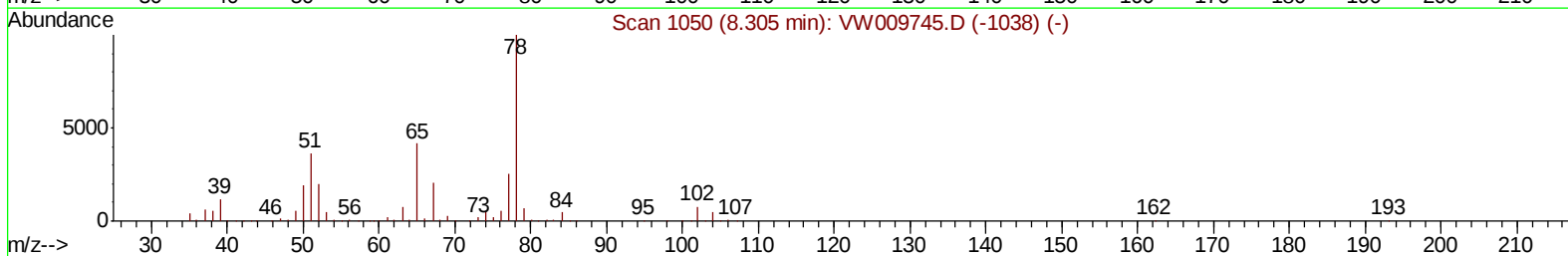
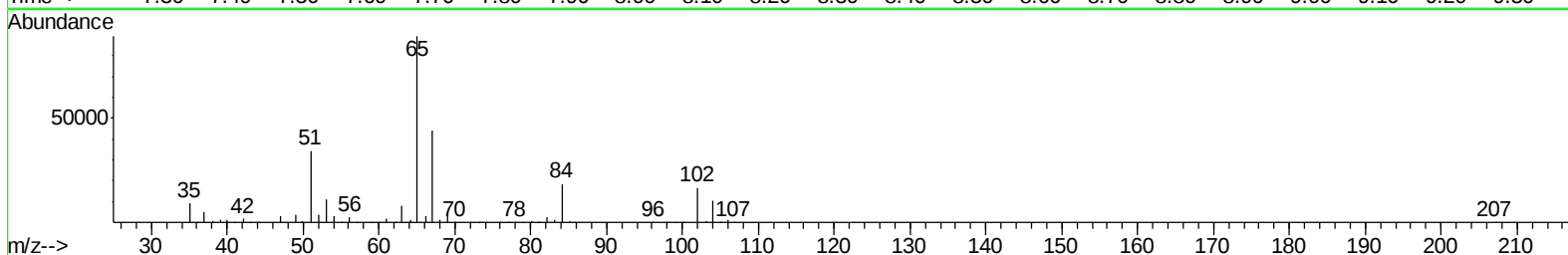
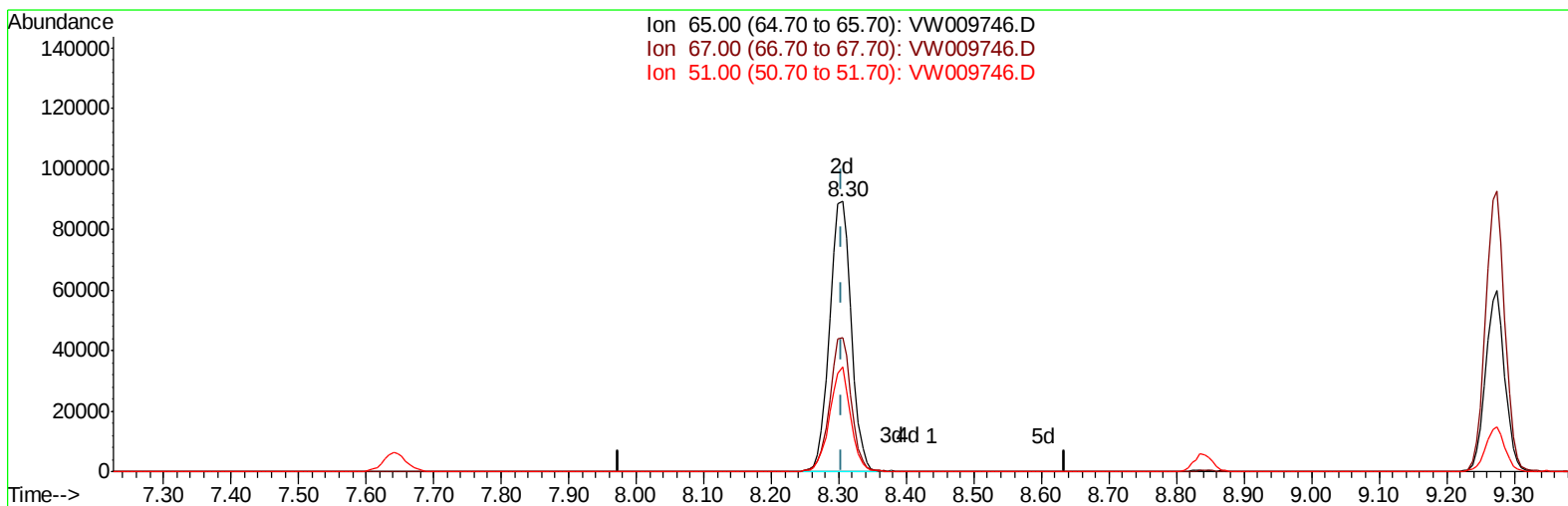
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 26.41ug/L m

response 198911

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.04#
51.00	109.90	0.07#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009746.D
 Acq On : 06 Apr 2019 00:14
 Operator : SY/VA
 Sample : VW0405SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK24

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:48:57 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 06 05:36:42 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120788	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	2.89	69	121881	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.01	63	215003m	16.99	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	7.07	46	101122	52.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.86%
24) Chloroform-d	7.64	84	314251	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.30	65	198911m	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	8.27	84	576454	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.27	67	182985	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	10.32	98	519473	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	79616	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	71341	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162316	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	188701	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds					Qvalue
13) Acetone	4.13	43	4167m	2.036	ug/L
16) Methylene chloride	4.92	84	13965m	1.761	ug/L

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

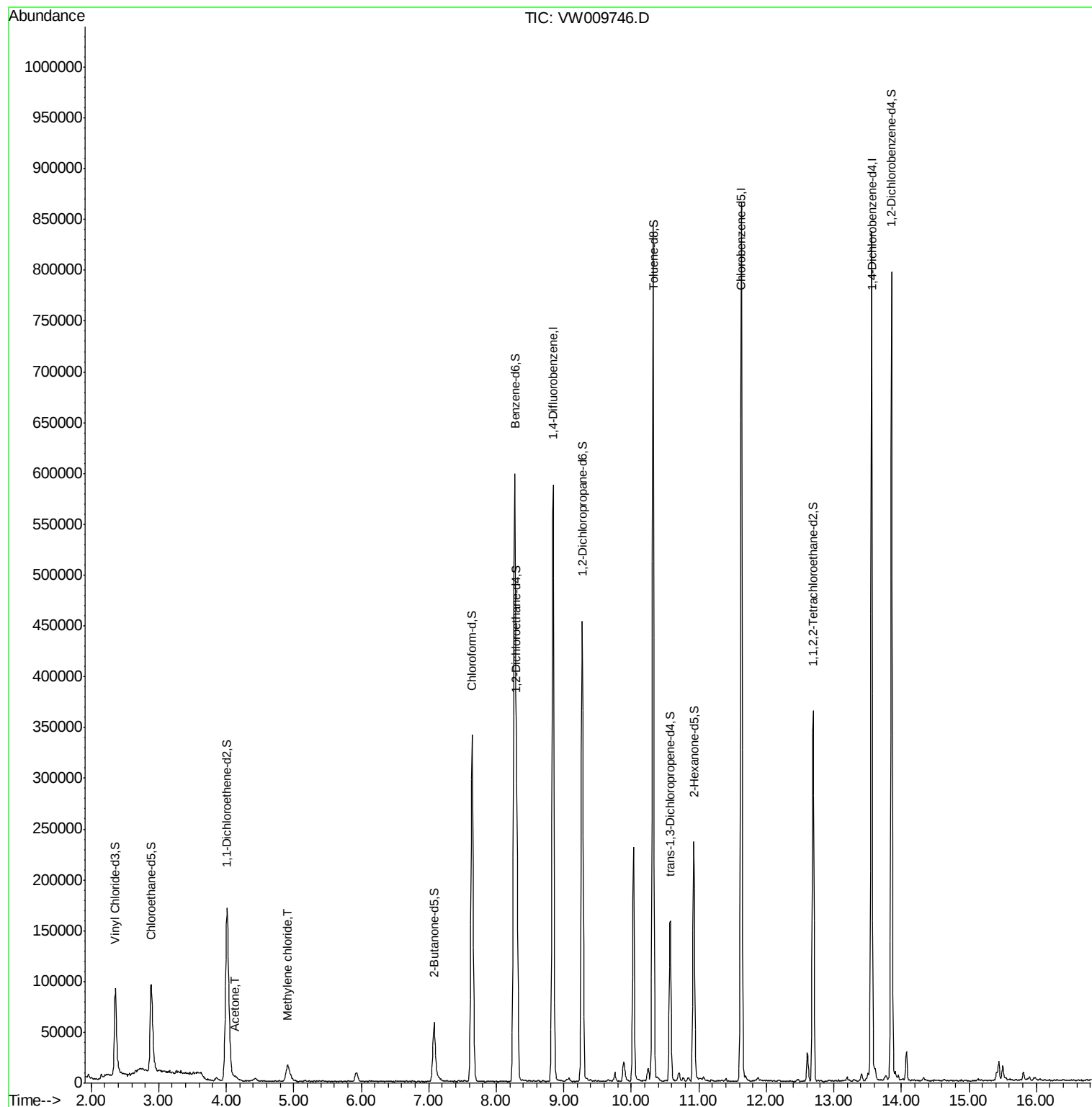
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:48:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



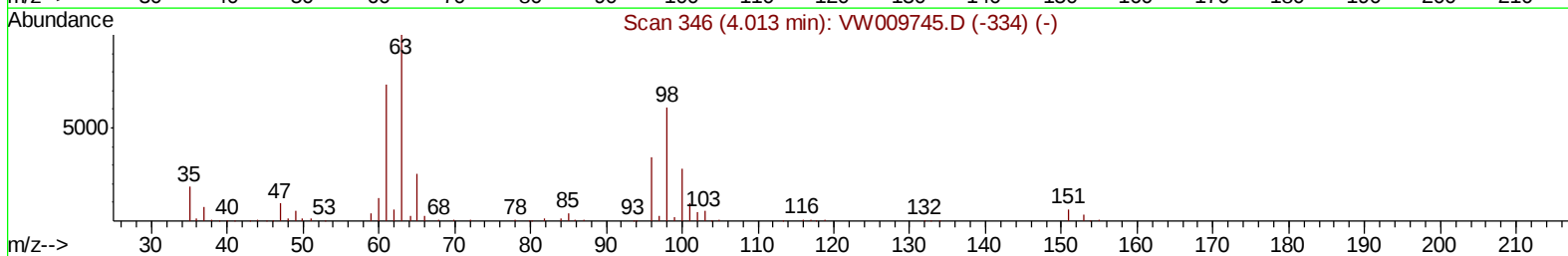
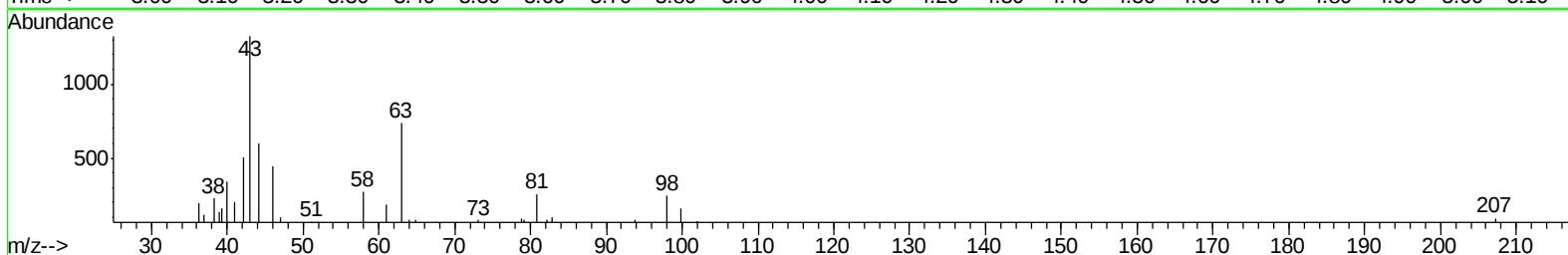
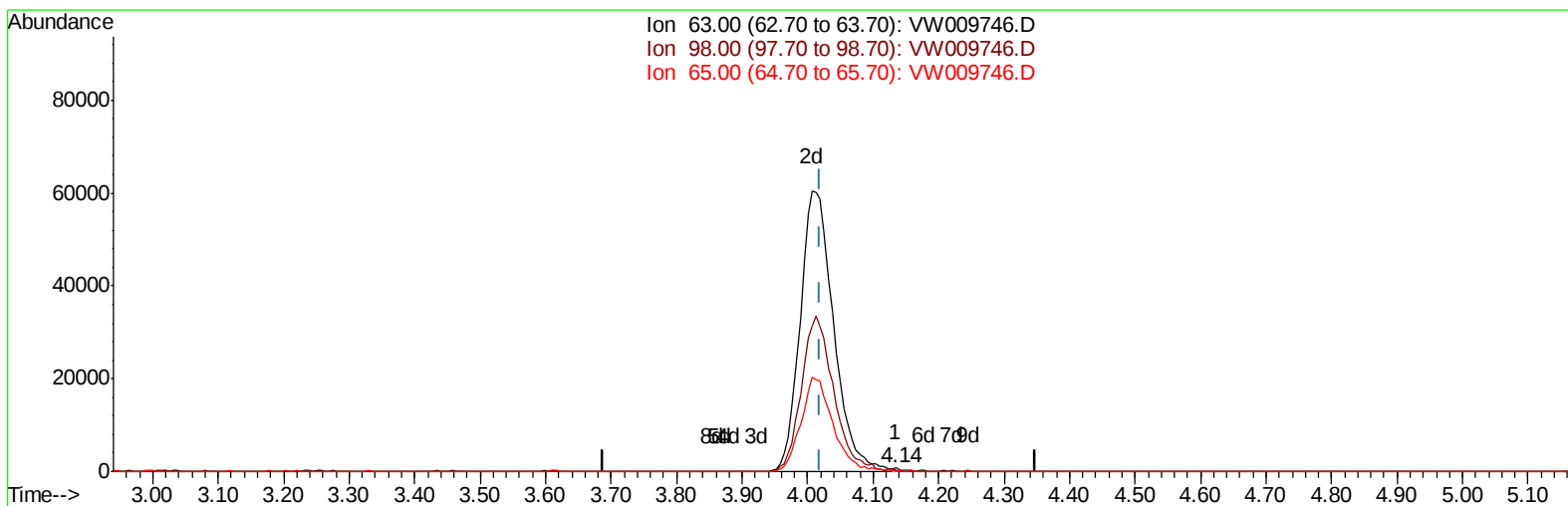
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009746.D
 Acq On : 06 Apr 2019 00:14
 Operator : SY/VA
 Sample : VW0405SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK24

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:39:18 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration



TIC: VW009746.D

(10) 1,1-Dichloroethene-d2 (S)

4.135min (+0.116) 0.06ug/L

response 748

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	61.23
65.00	21.80	17.11
0.00	0.00	0.00

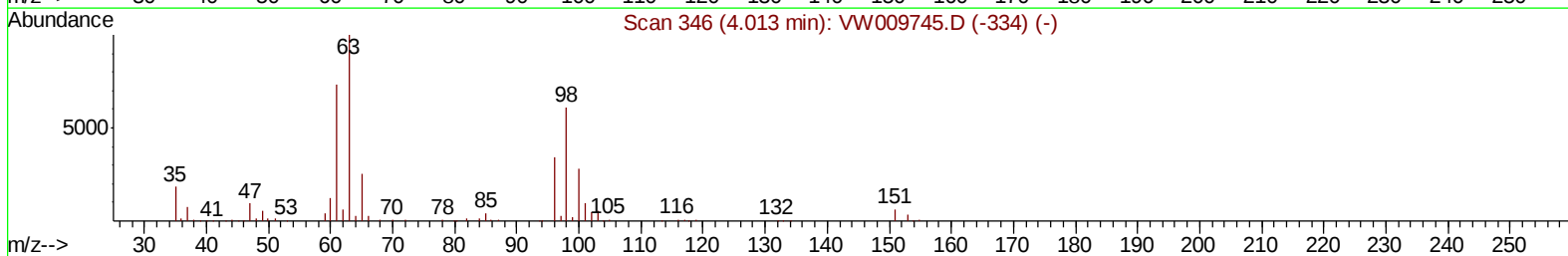
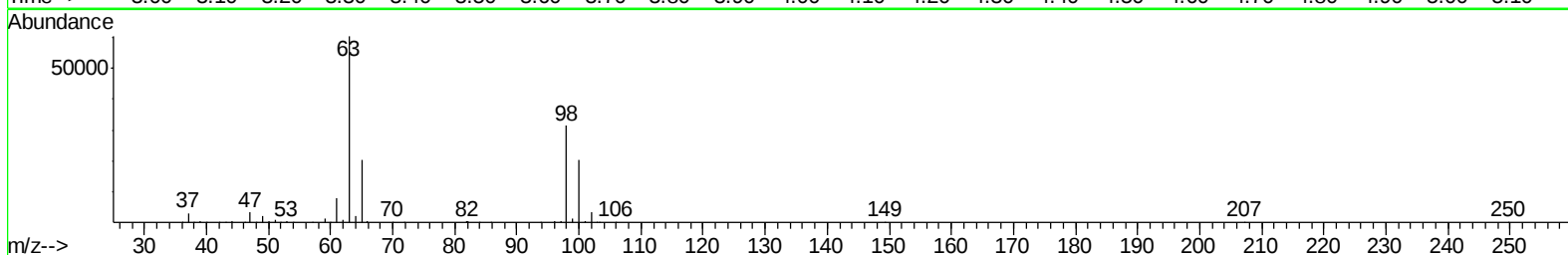
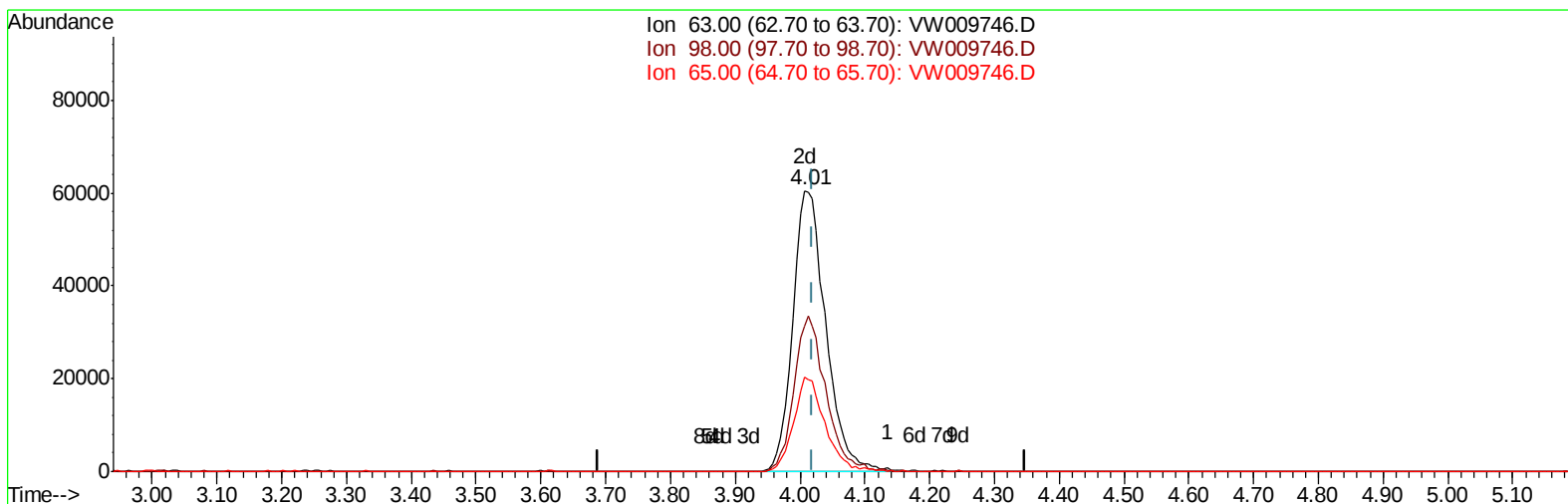
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009746.D
 Acq On : 06 Apr 2019 00:14
 Operator : SY/VA
 Sample : VW0405SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK24

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:39:18 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration



TIC: VW009746.D

(10) 1,1-Dichloroethene-d2 (S)

4.007min (-0.012) 16.99ug/L m

response 215003

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	0.21#
65.00	21.80	0.06#
0.00	0.00	0.00

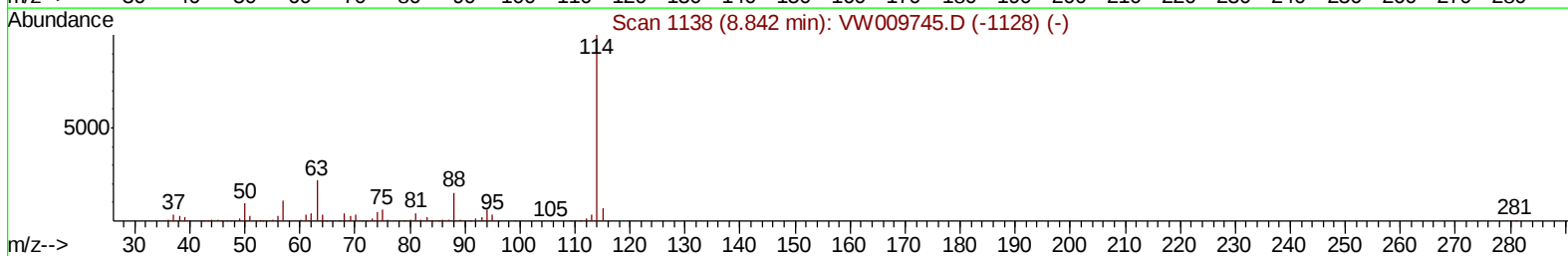
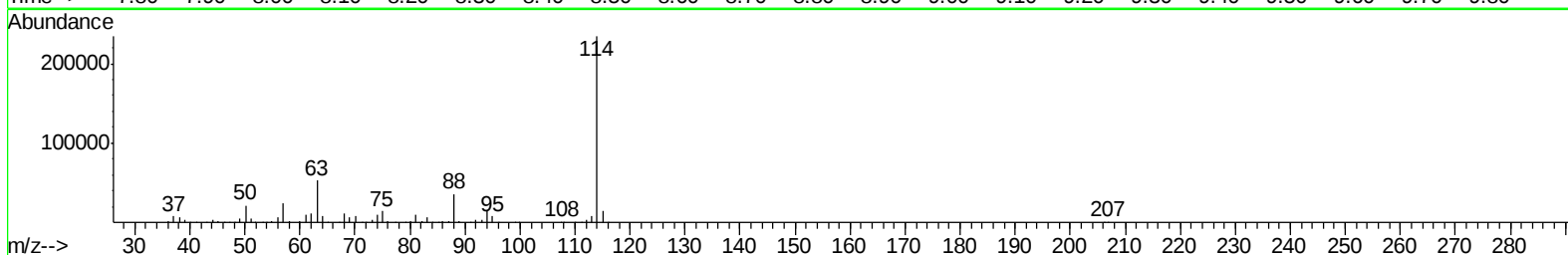
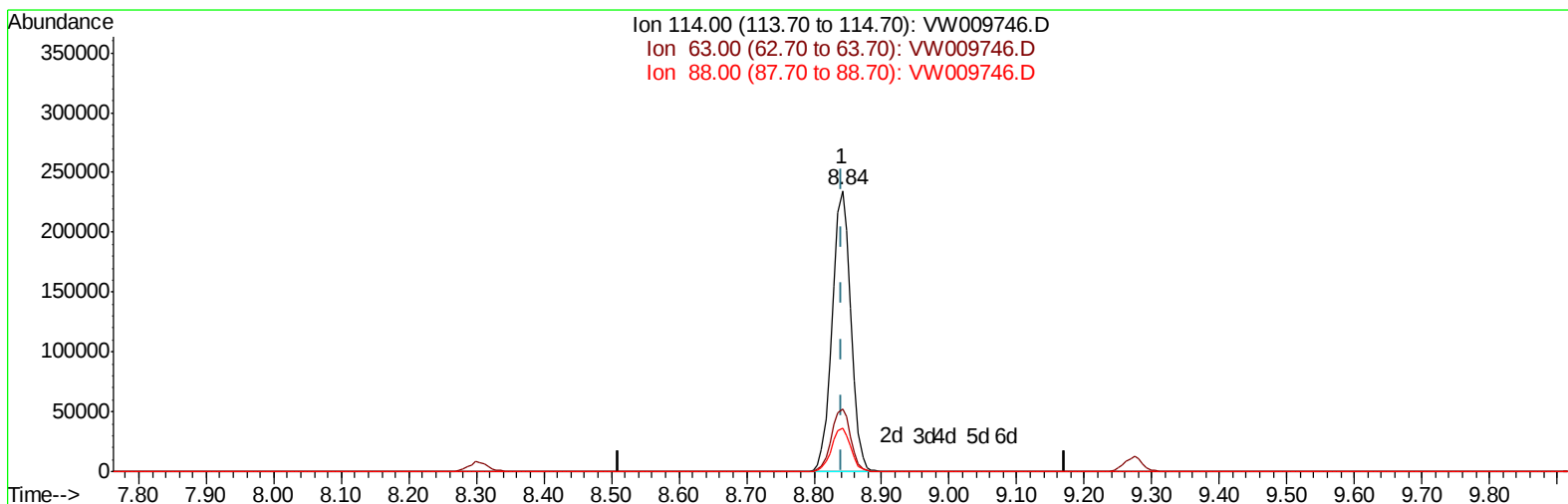
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(1) 1,4-Difluorobenzene (I)

8.841min (+0.000) 25.00ug/L

response 449630

Ion	Exp%	Act%
114.00	100	100
63.00	22.30	23.12
88.00	16.00	15.86
0.00	0.00	0.00

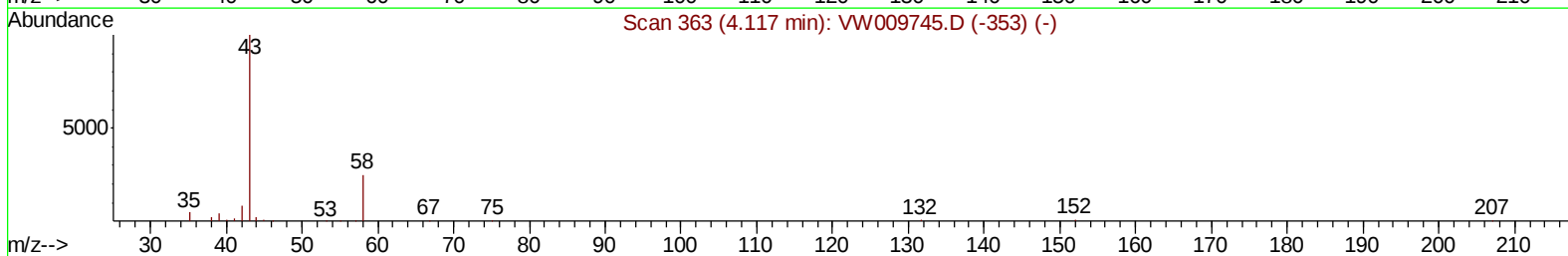
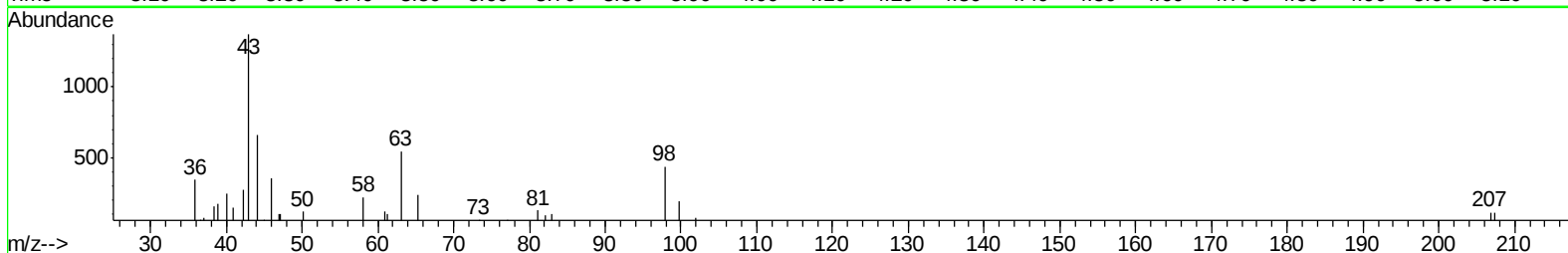
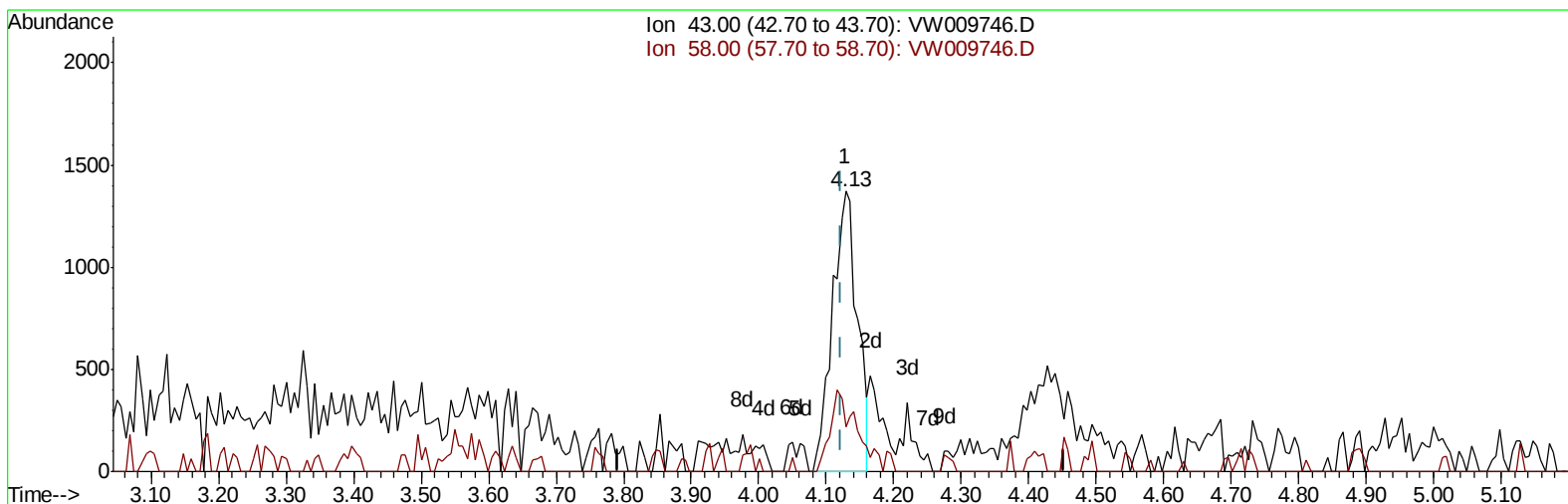
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(13) Acetone (T)

4.129min (+0.006) 1.72ug/L

response 3519

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	16.79
0.00	0.00	0.00
0.00	0.00	0.00

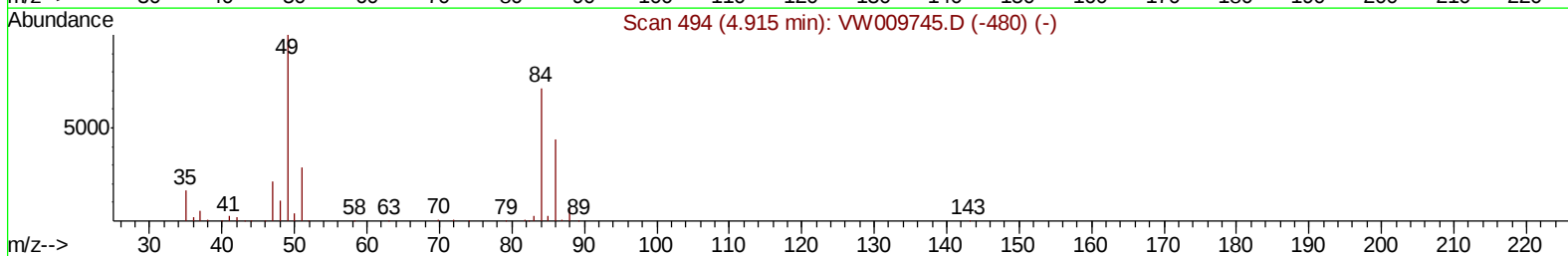
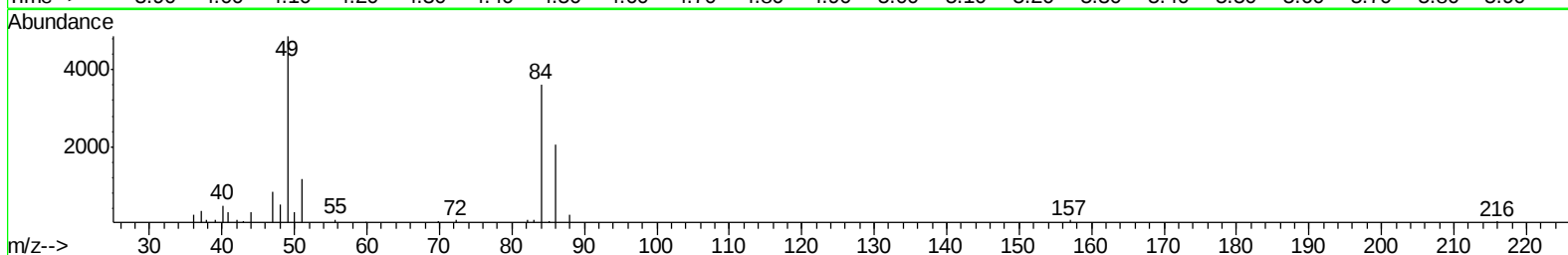
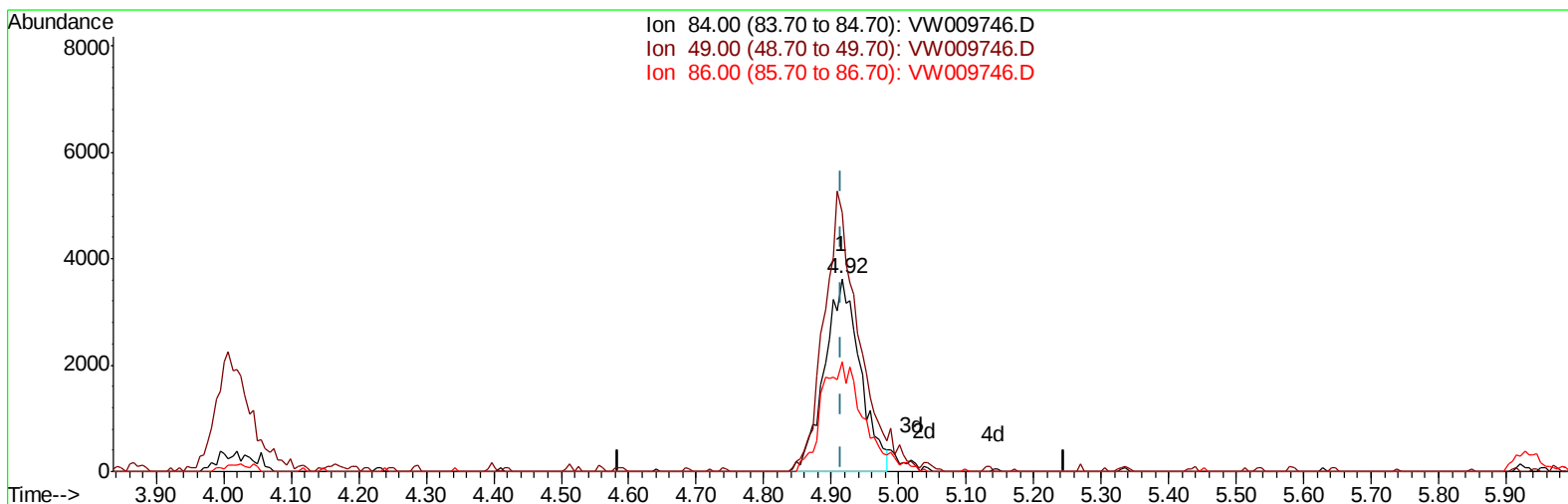
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.68ug/L

response 13324

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	134.10
86.00	66.30	57.16
0.00	0.00	0.00

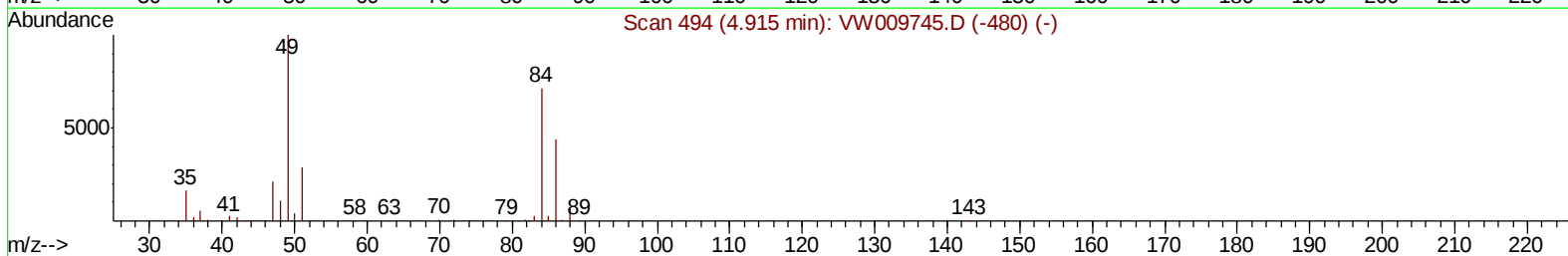
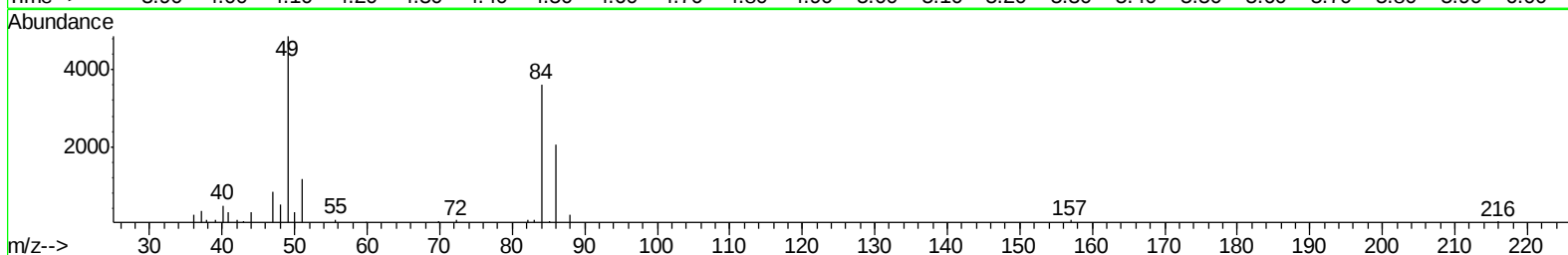
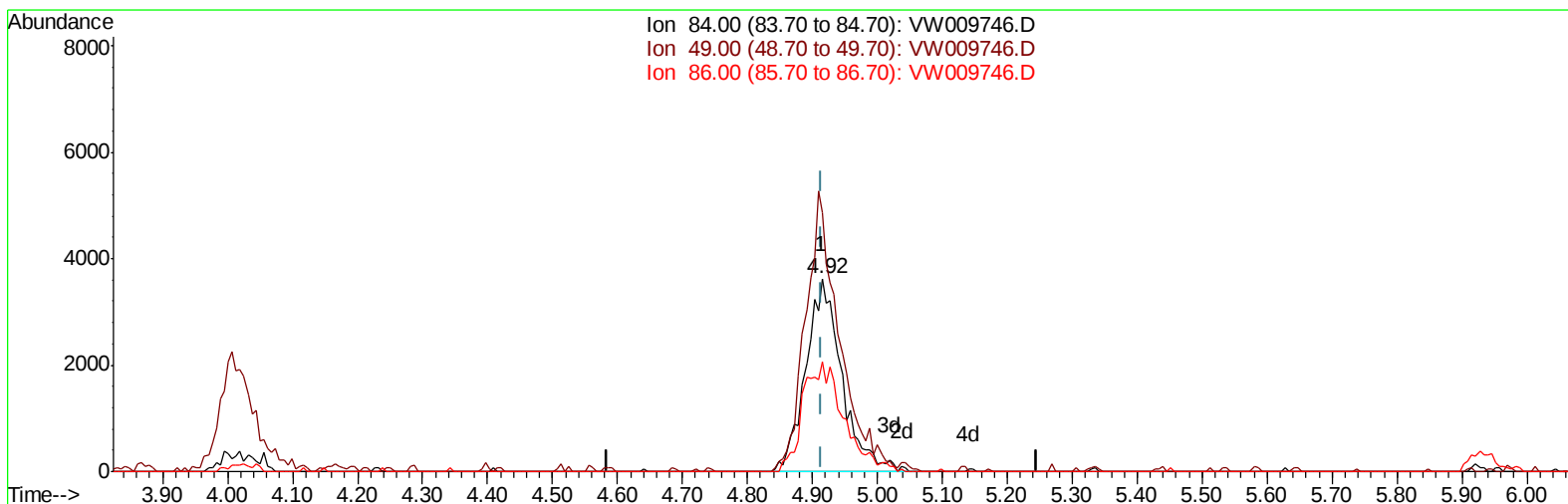
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.76ug/L m

response 13965

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	134.10
86.00	66.30	57.16
0.00	0.00	0.00

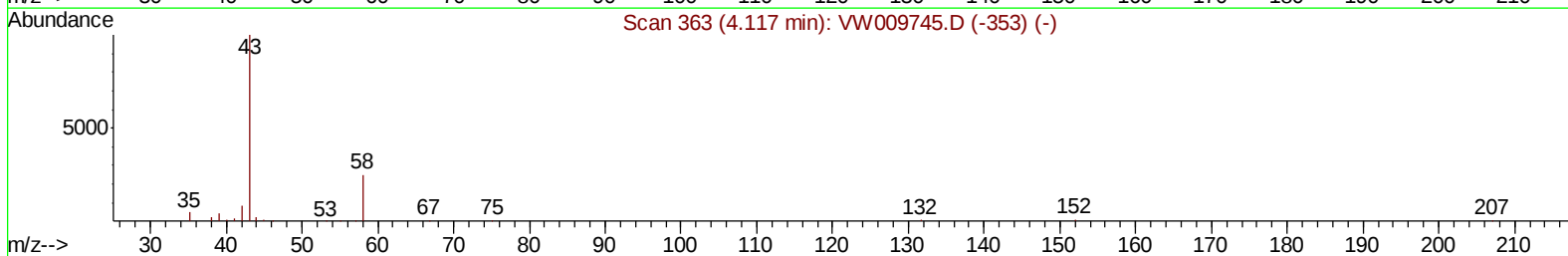
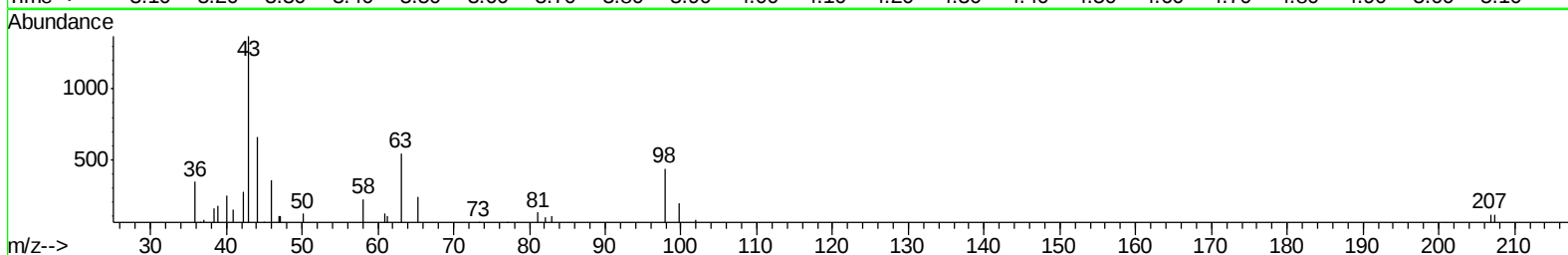
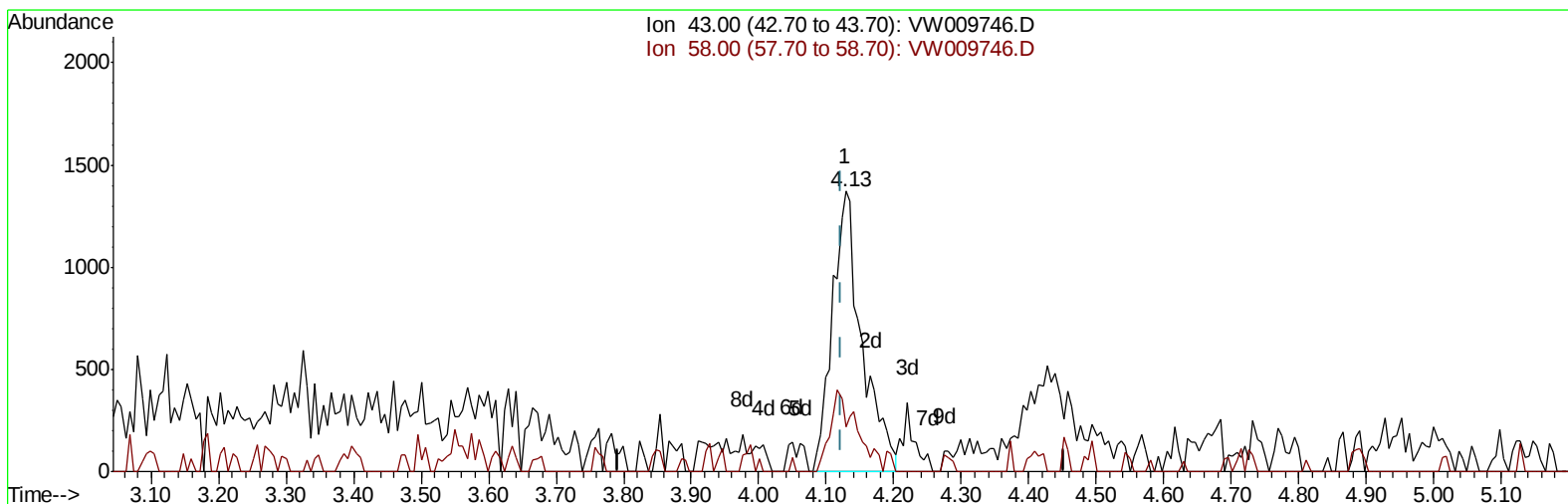
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009746.D
Acq On : 06 Apr 2019 00:14
Operator : SY/VA
Sample : VW0405SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:46 AM

Quant Time: Apr 06 05:46:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



TIC: VW009746.D

(13) Acetone (T)

4.129min (+0.006) 2.04ug/L m

response 4167

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	14.18
0.00	0.00	0.00
0.00	0.00	0.00