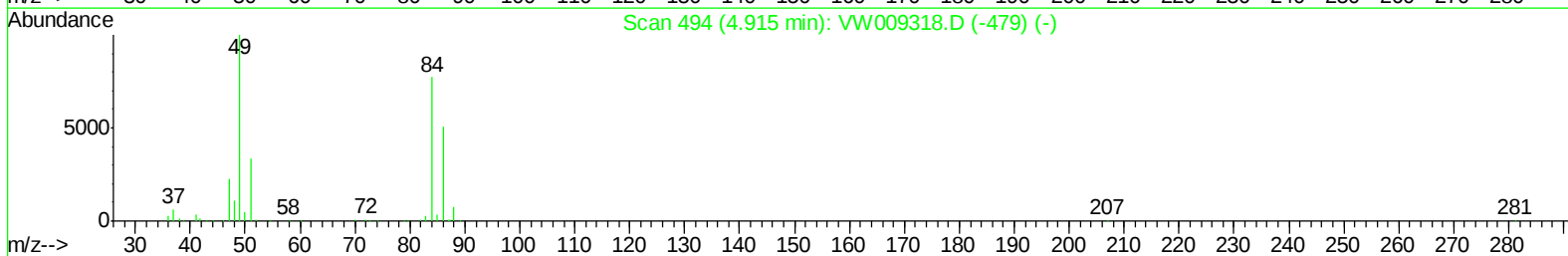
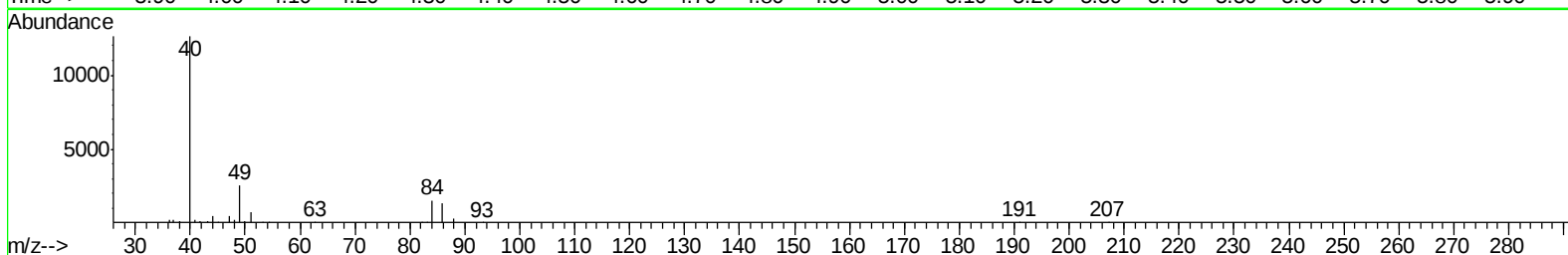
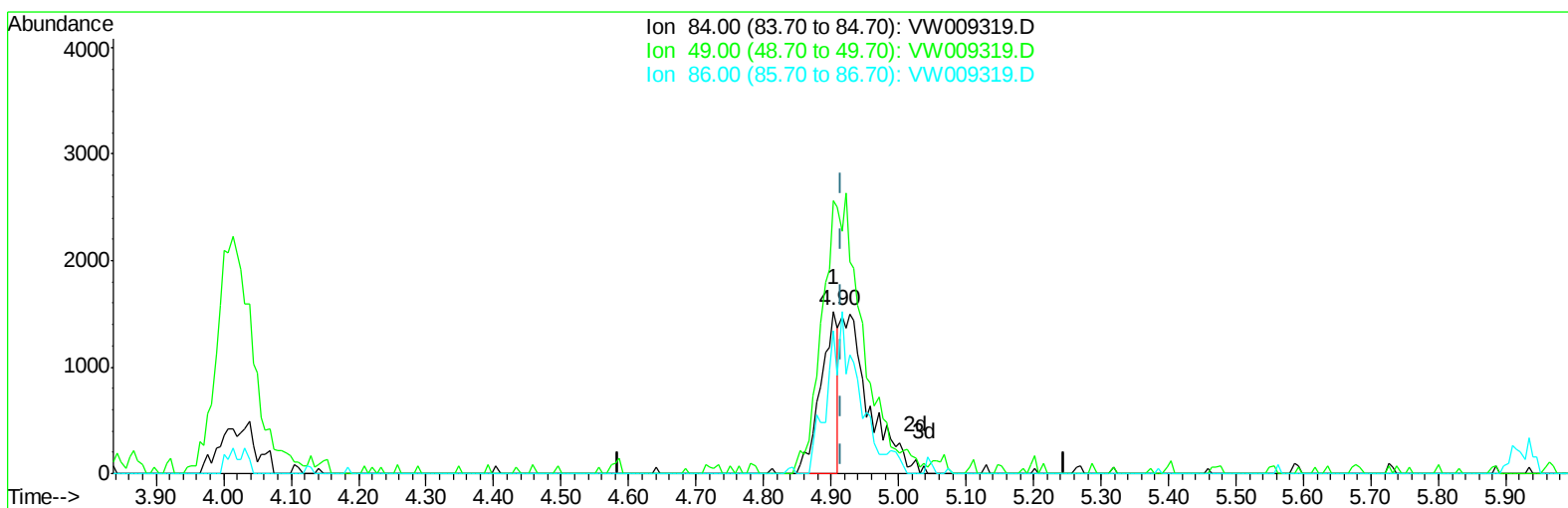


Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009319.D
Acq On : 21 Mar 2019 11:23
Operator : SY/VA
Sample : VW0321SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK07

Quant Time: Mar 22 09:42:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration



TIC: VW009319.D

(16) Methylene chloride (T)

4.903min (-0.012) 0.44ug/L

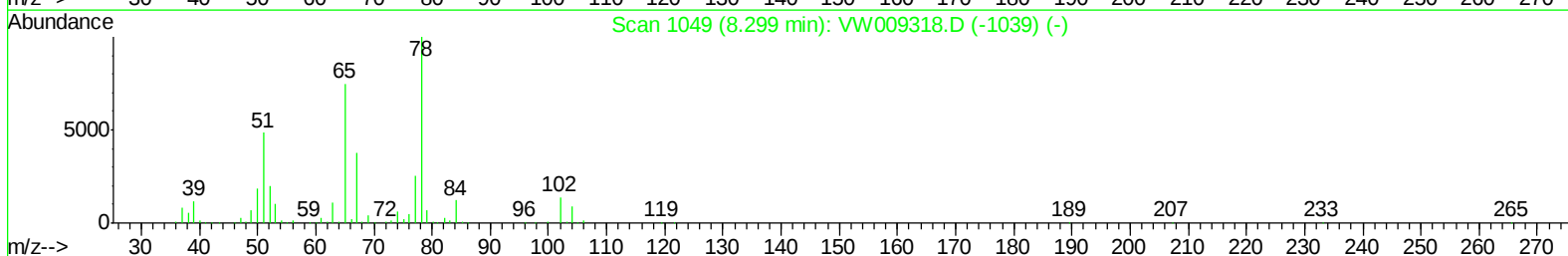
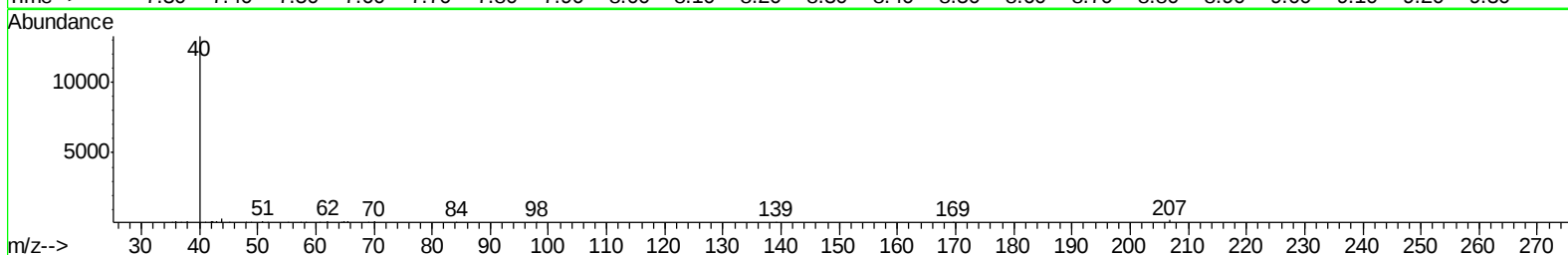
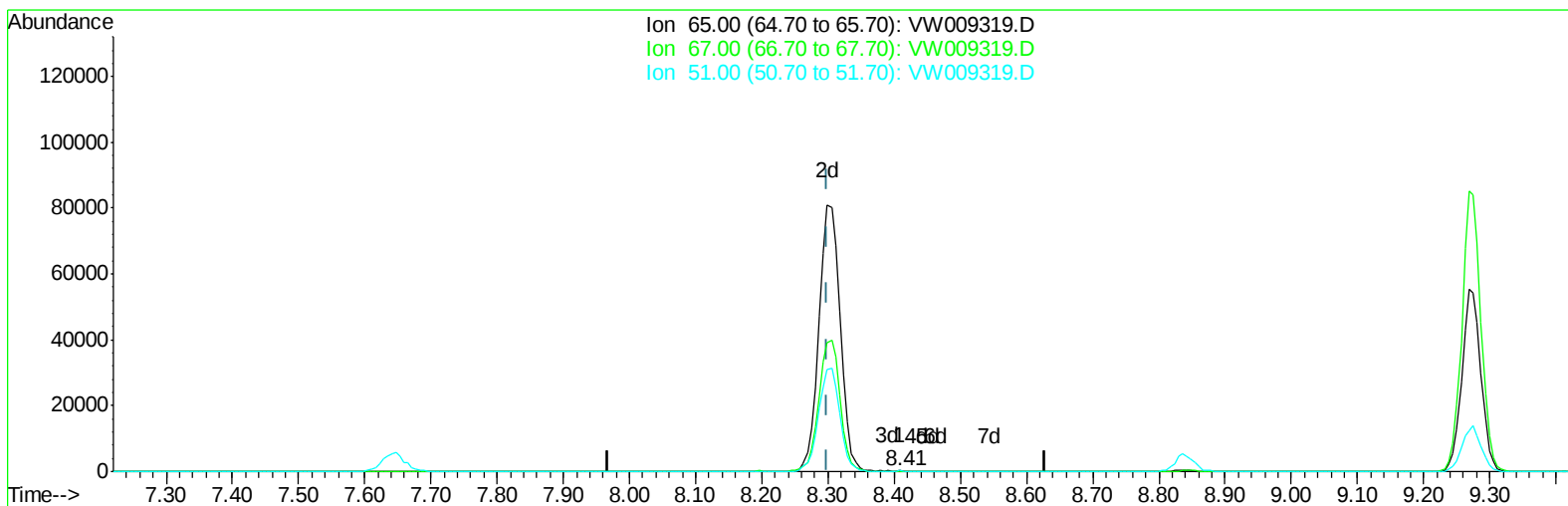
response 2761

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	168.13
86.00	63.50	88.33#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
 Data File : VW009319.D
 Acq On : 21 Mar 2019 11:23
 Operator : SY/VA
 Sample : VW0321SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK07

Quant Time: Mar 22 09:42:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration



TIC: VW009319.D

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

8.409min (+0.110) 0.02ug/L

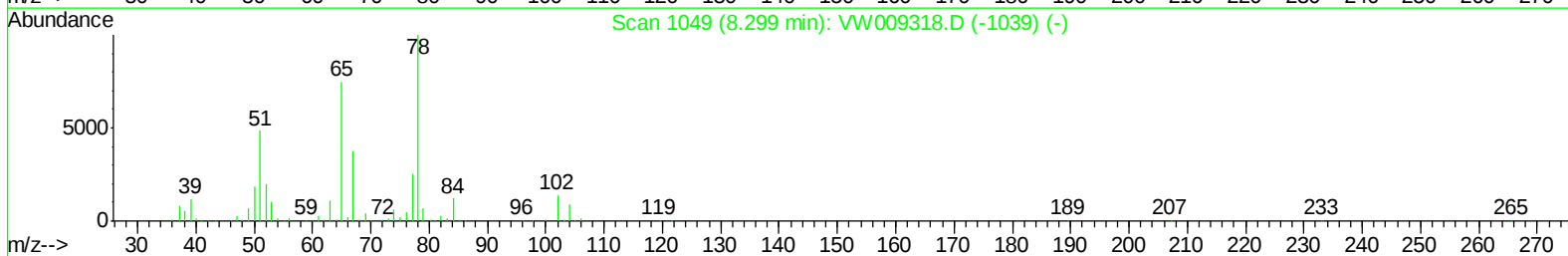
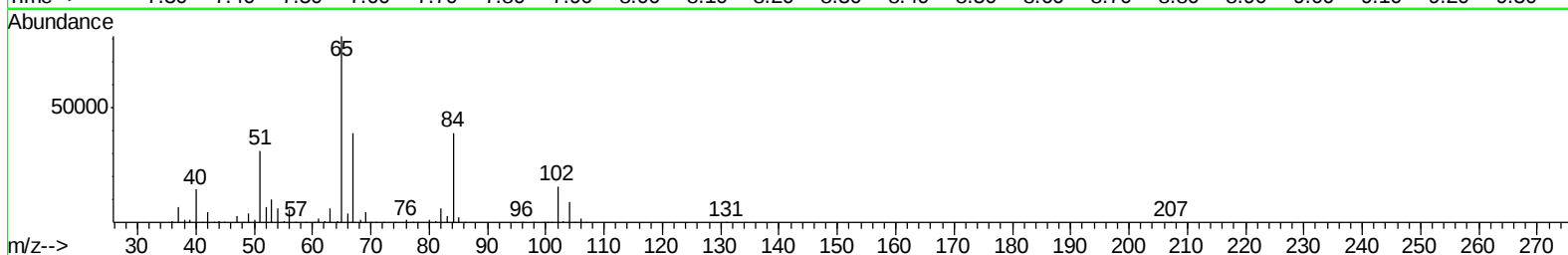
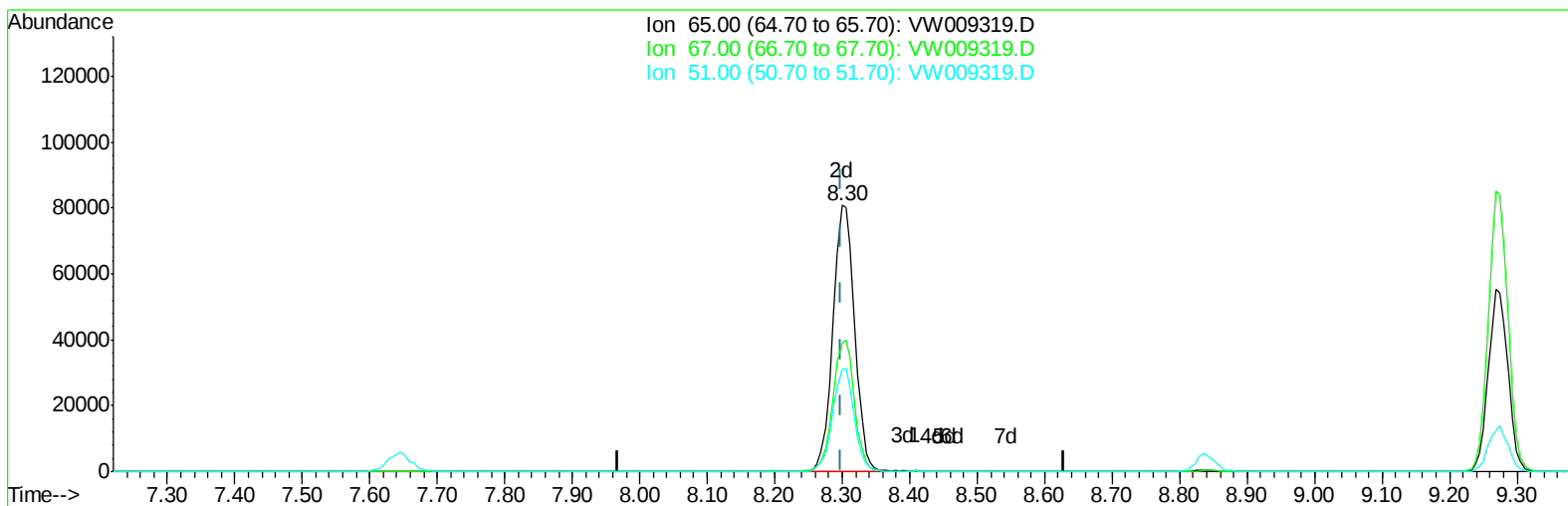
response 147

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	40.14
51.00	97.70	119.05
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
 Data File : VW009319.D
 Acq On : 21 Mar 2019 11:23
 Operator : SY/VA
 Sample : VW0321SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK07

Quant Time: Mar 22 09:42:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration



TIC: VW009319.D

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

8.299min (+0.000) 25.44ug/L m

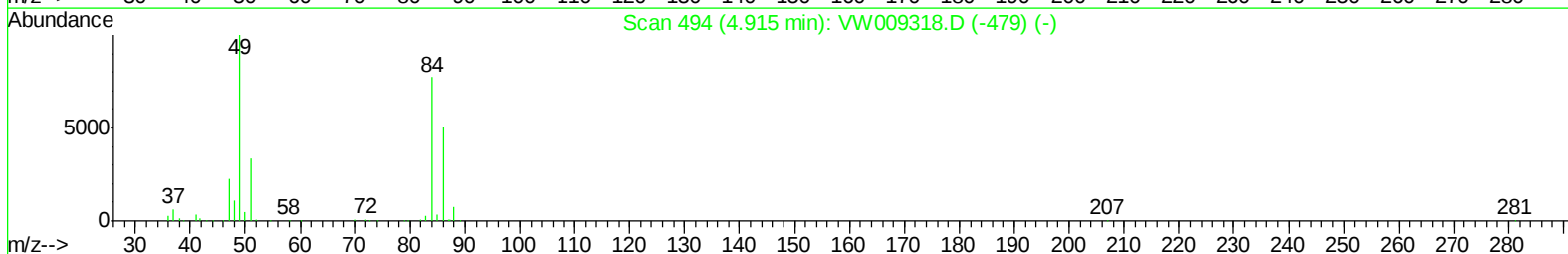
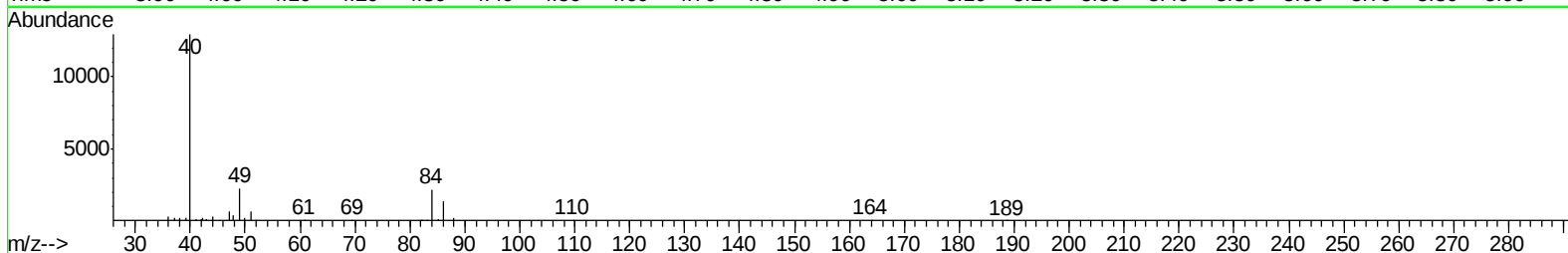
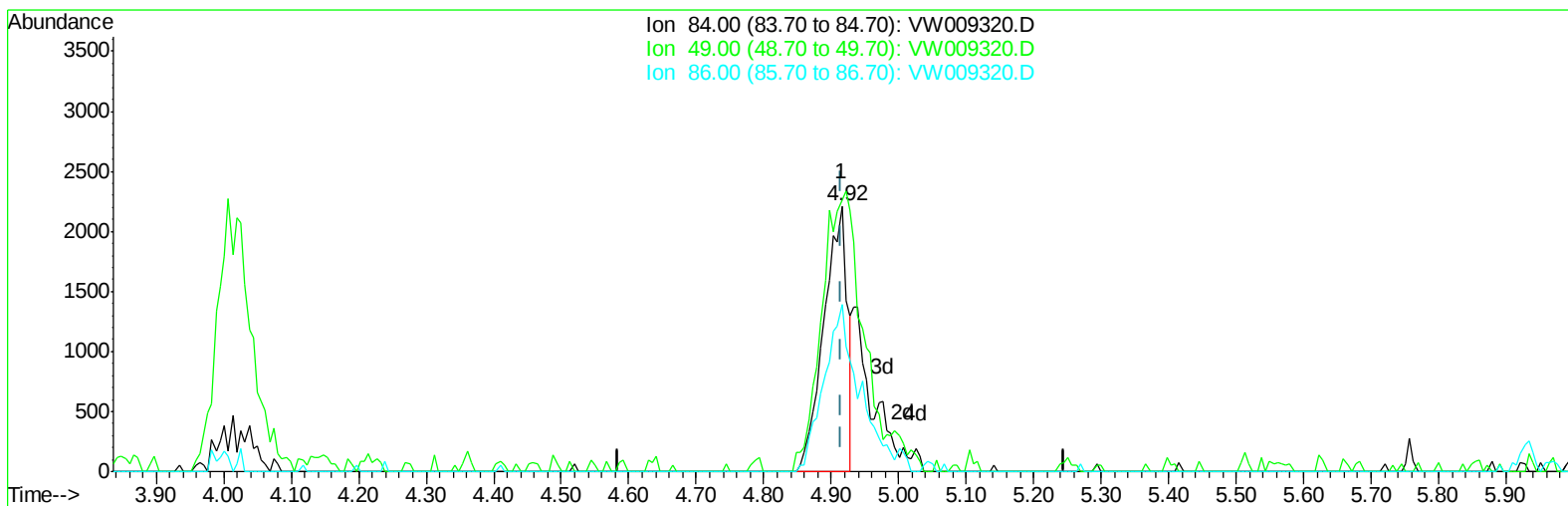
response 180369

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.03#
51.00	97.70	0.10#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009320.D
Acq On : 21 Mar 2019 12:03
Operator : SY/VA
Sample : K1988-17
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK07

Quant Time: Mar 22 09:42:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration



TIC: VW009320.D

(16) Methylene chloride (T)

4.915min (-0.000) 1.00ug/L

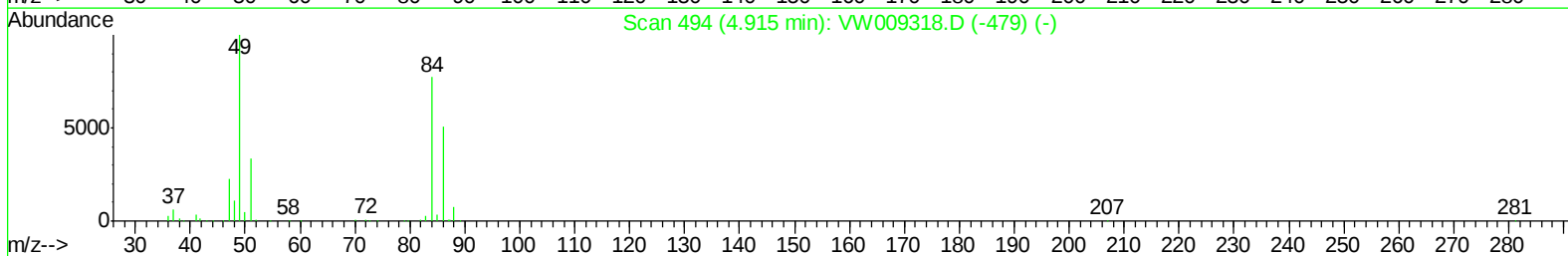
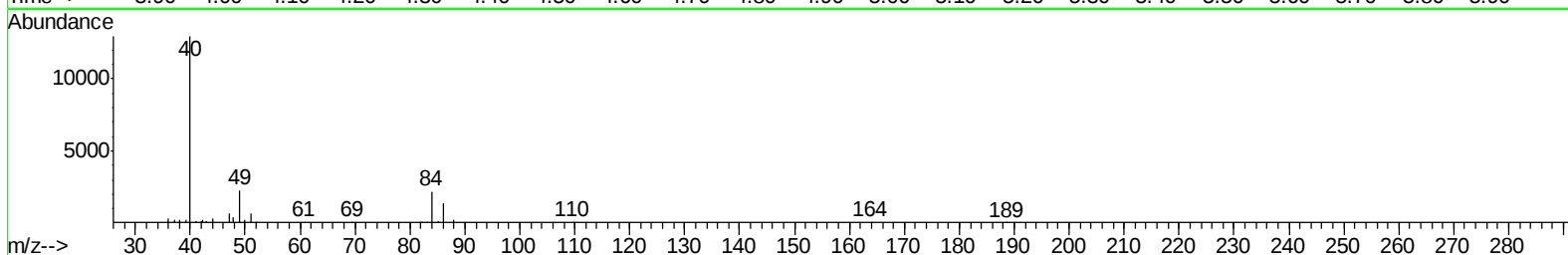
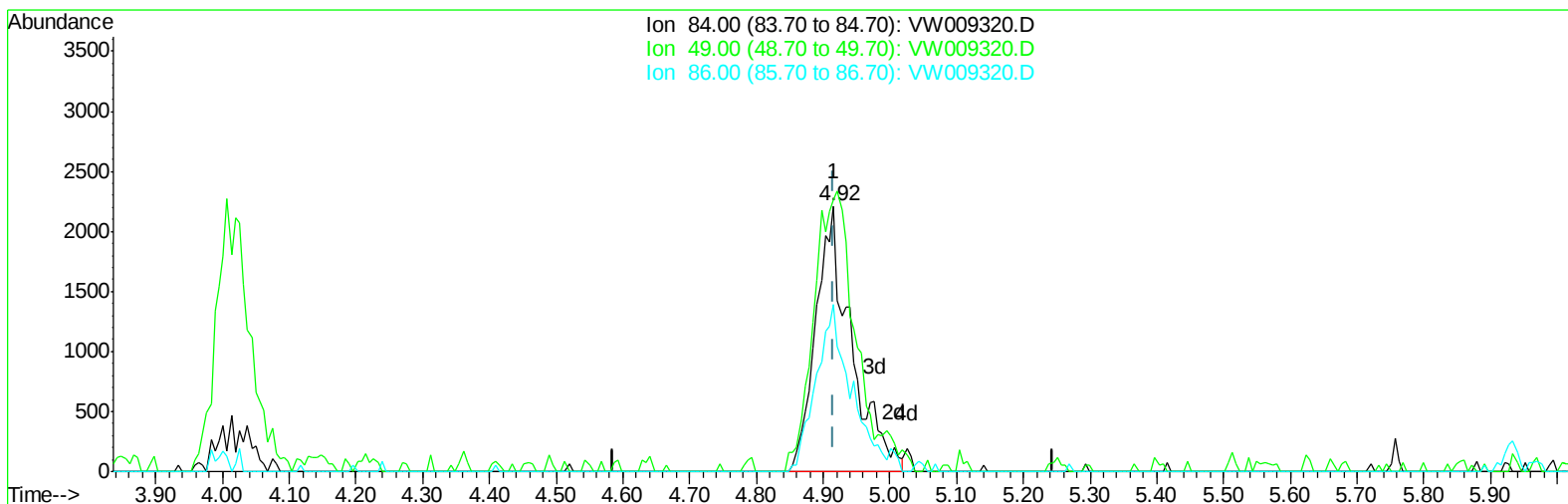
response 5320

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	102.53
86.00	63.50	62.91
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
 Data File : VW009320.D
 Acq On : 21 Mar 2019 12:03
 Operator : SY/VA
 Sample : K1988-17
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK07

Quant Time: Mar 22 09:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration



TIC: VW009320.D

(16) Methylene chloride (T)

4.915min (-0.000) 1.55ug/L m

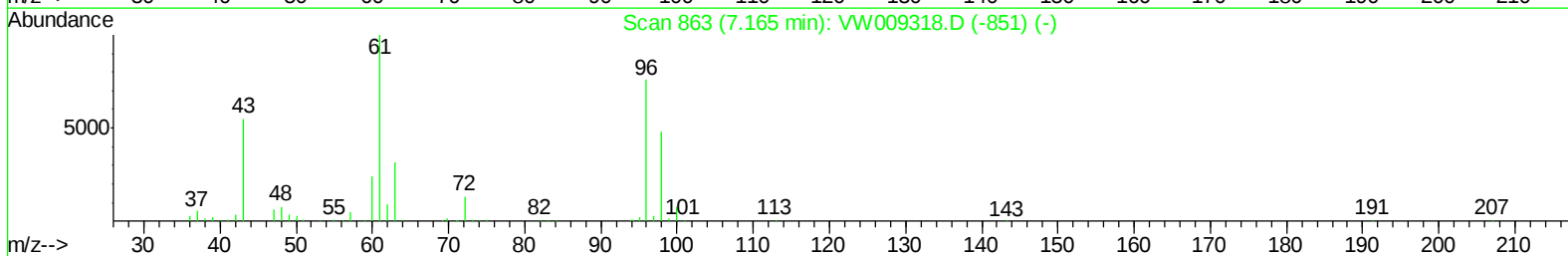
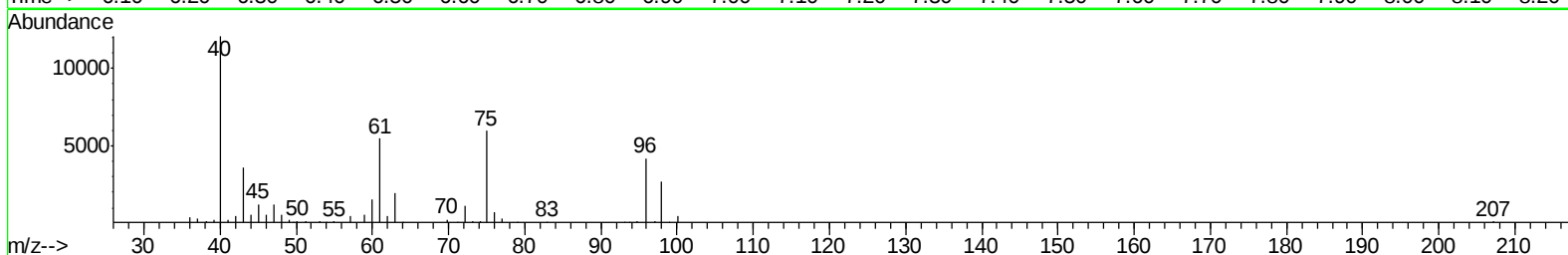
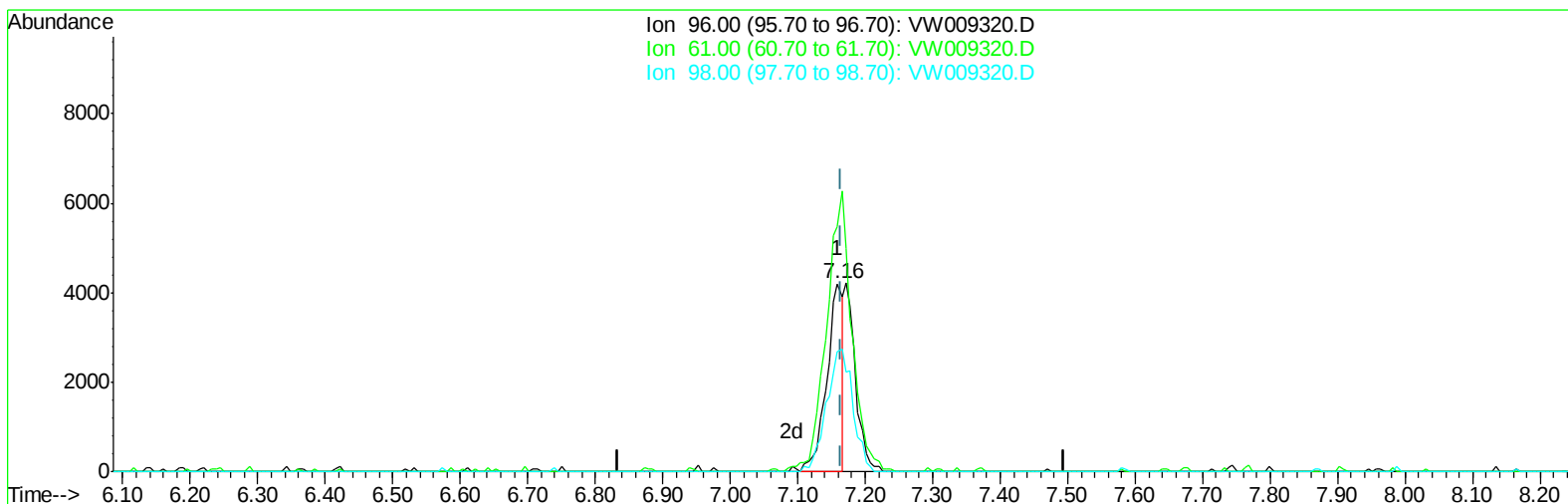
response 8196

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	102.53
86.00	63.50	62.91
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009320.D
Acq On : 21 Mar 2019 12:03
Operator : SY/VA
Sample : K1988-17
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK07

Quant Time: Mar 22 09:42:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration



TIC: VW009320.D

(22) cis-1,2-Dichloroethene (T)

7.159min (-0.006) 1.33ug/L

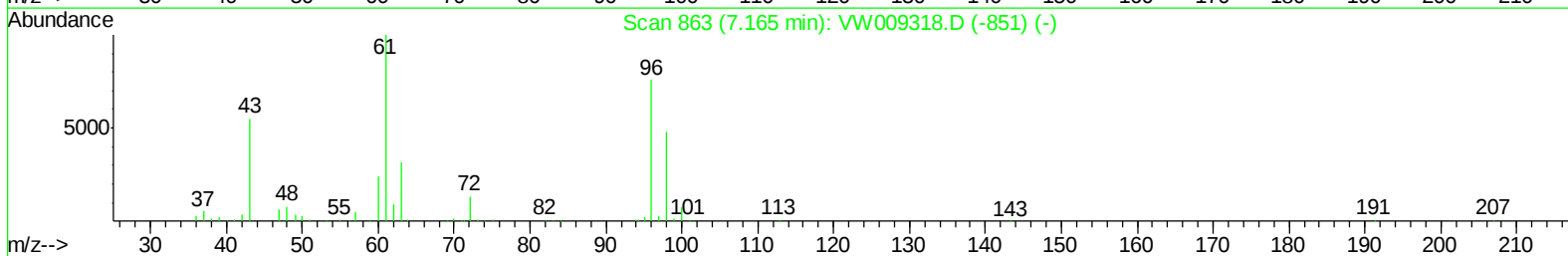
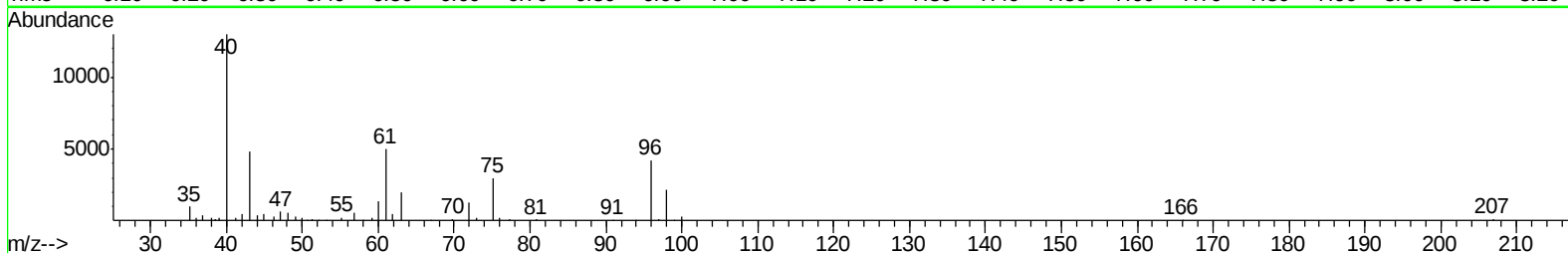
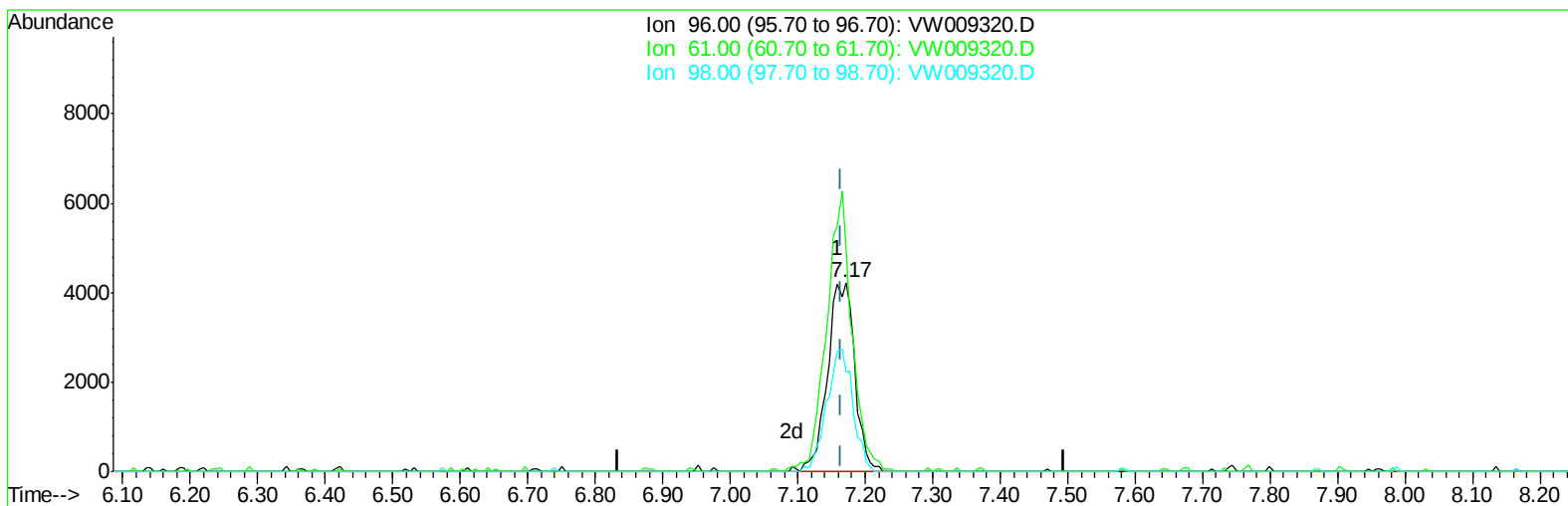
response 6790

Ion	Exp%	Act%
96.00	100	100
61.00	129.50	129.99
98.00	62.90	63.88
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009320.D
Acq On : 21 Mar 2019 12:03
Operator : SY/VA
Sample : K1988-17
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
VBLK07

Quant Time: Mar 22 09:42:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration



TIC: VW009320.D

(22) cis-1,2-Dichloroethene (T)

7.171min (+0.006) 2.32ug/L m

response 11834

Ion	Exp%	Act%
96.00	100	100
61.00	129.50	118.35
98.00	62.90	52.59
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
 Data File : VW009320.D
 Acq On : 21 Mar 2019 12:03
 Operator : SY/VA
 Sample : K1988-17
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK07

Quant Time: Mar 22 09:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131014	30.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.60%
7) Chloroethane-d5	2.90	69	129572	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
10) 1,1-Dichloroethene-d2	4.01	63	199145	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.84%
20) 2-Butanone-d5	7.08	46	78594	43.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.48%
24) Chloroform-d	7.65	84	275366	27.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	8.31	65	157861	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	8.27	84	513017	29.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.92%
33) 1,2-Dichloropropane-d6	9.27	67	156037	30.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.44%#
37) Toluene-d8	10.32	98	429867	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
38) trans-1,3-Dichloropropene-	10.58	79	40113	15.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.64%
39) 2-Hexanone-d5	10.93	63	52612	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122060	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	100667	26.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.40%

Target Compounds

					Qvalue
13) Acetone	4.12	43	52646	35.728	ug/L 100
14) Carbon disulfide	4.38	76	53451	4.436	ug/L 99
16) Methylene chloride	4.92	84	8196m	1.546	ug/L
21) 2-Butanone	7.17	43	14877	7.312	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	11834m	2.321	ug/L

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009320.D
Acq On : 21 Mar 2019 12:03
Operator : SY/VA
Sample : K1988-17
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK07

Quant Time: Mar 22 09:52:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
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