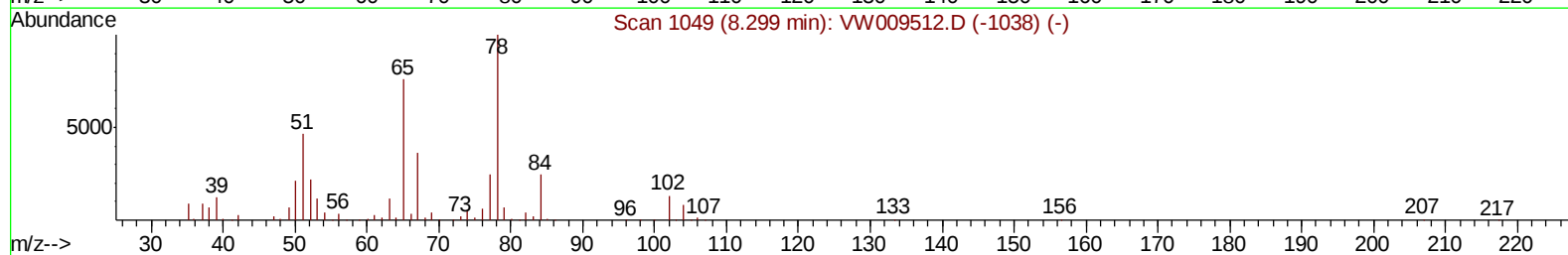
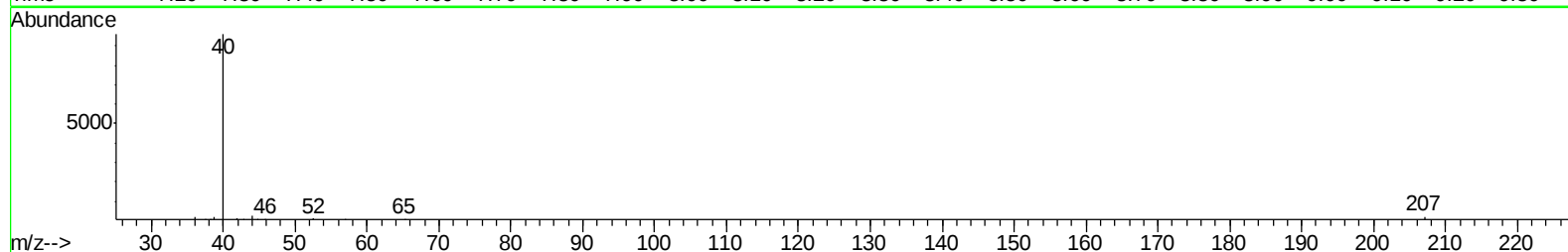
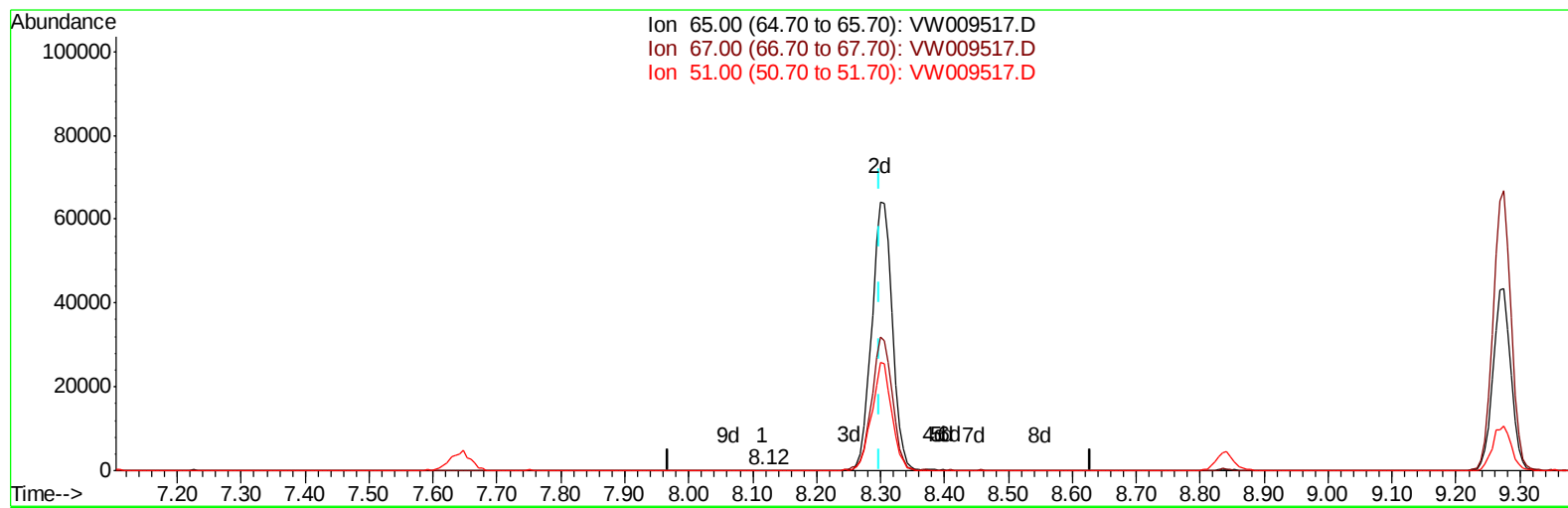


Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009517.D

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

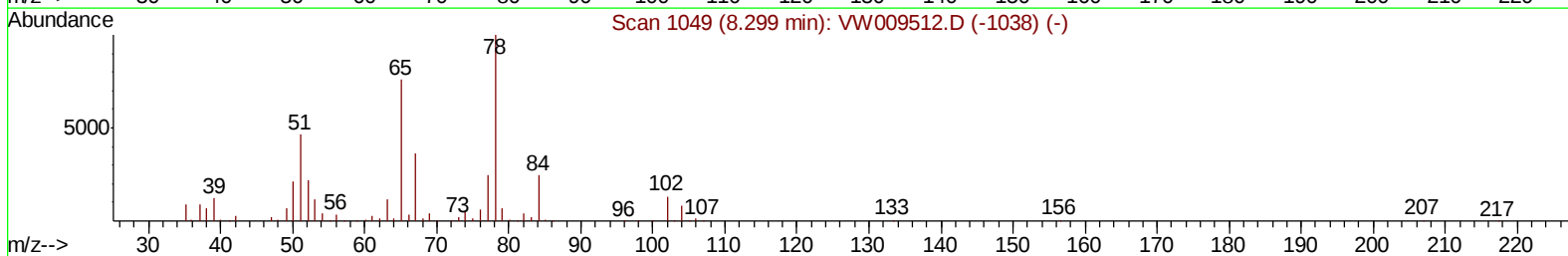
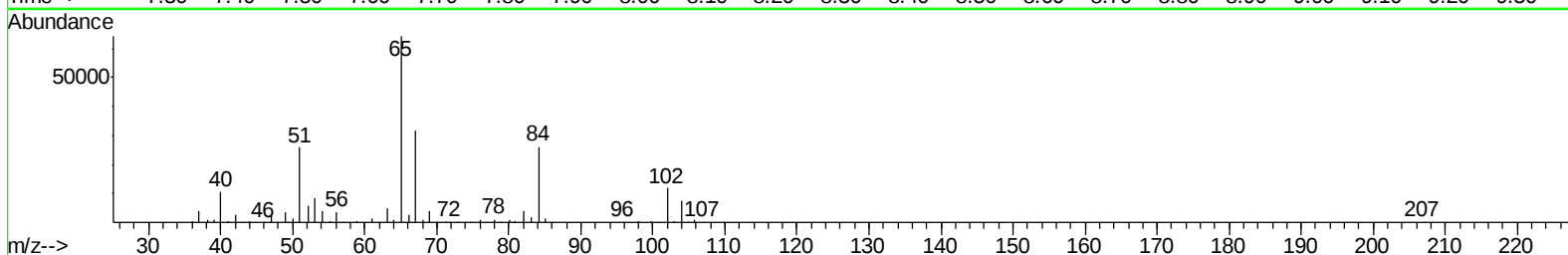
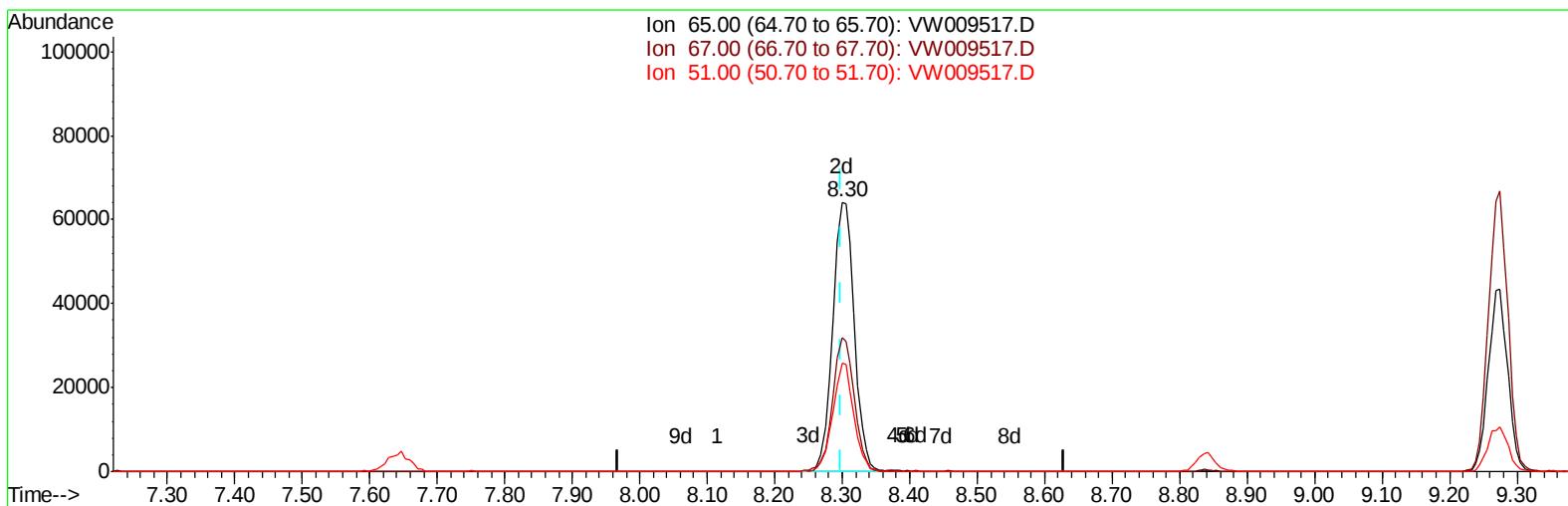
8.116min (-0.183) 0.01ug/L

response 72

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	52.78
51.00	97.70	98.61
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009517.D

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

8.299min (+0.000) 24.28ug/L m

response 142732

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.03#
51.00	97.70	0.05#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009517.D
 Acq On : 27 Mar 2019 23:38
 Operator : SY/VA
 Sample : K2068-11
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357628	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75202	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
7) Chloroethane-d5	2.89	69	87903	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.32%
10) 1,1-Dichloroethene-d2	4.01	63	127397m	13.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.16%
20) 2-Butanone-d5	7.07	46	81518	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
24) Chloroform-d	7.64	84	233720	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.30	65	142732m	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.27	84	390906	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.27	67	133397	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	320338	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.64%
38) trans-1,3-Dichloropropene-	10.57	79	50238	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	52492	40.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129503	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	110053	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

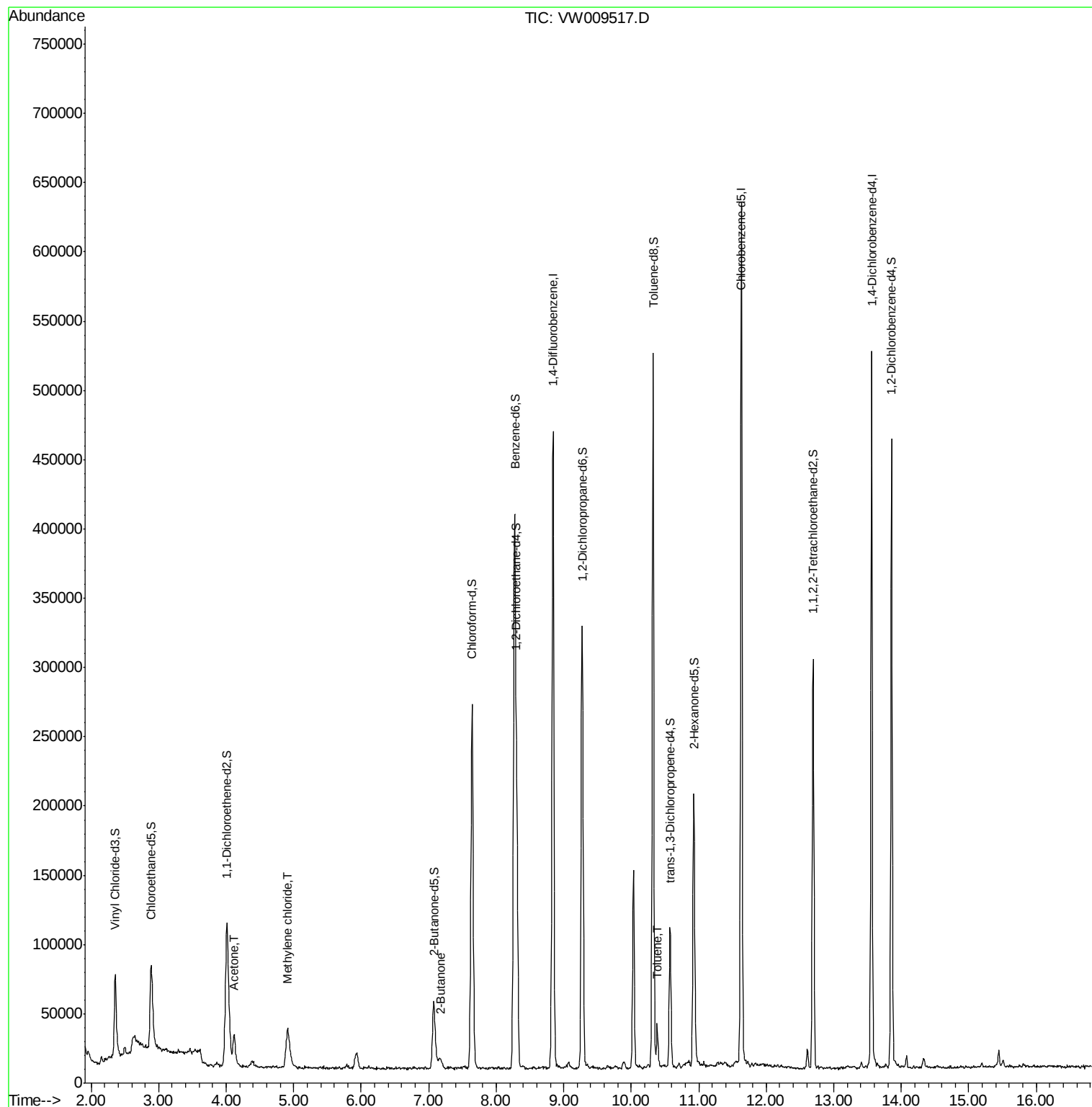
Target Compounds

					Ovalue
13) Acetone	4.12	43	35640	24.590 ug/L	95
16) Methylene chloride	4.91	84	24921m	4.779 ug/L	
21) 2-Butanone	7.18	43	11267	5.630 ug/L	90
44) Toluene	10.39	91	20162	1.041 ug/L	90

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

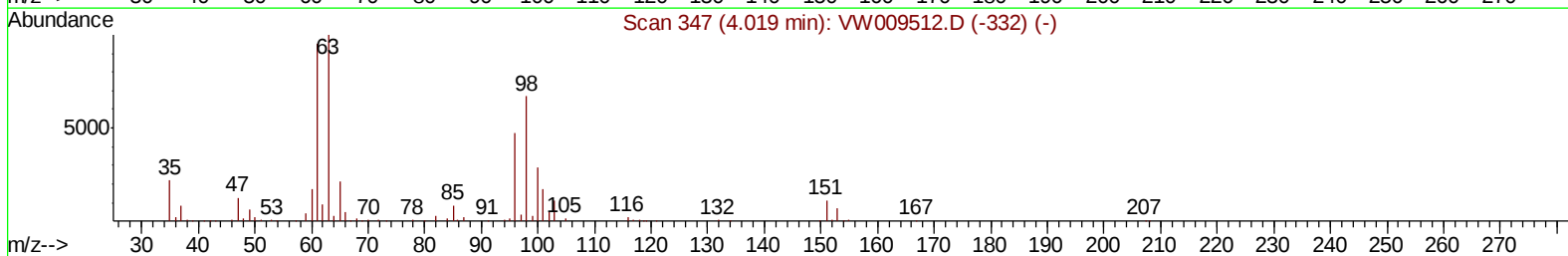
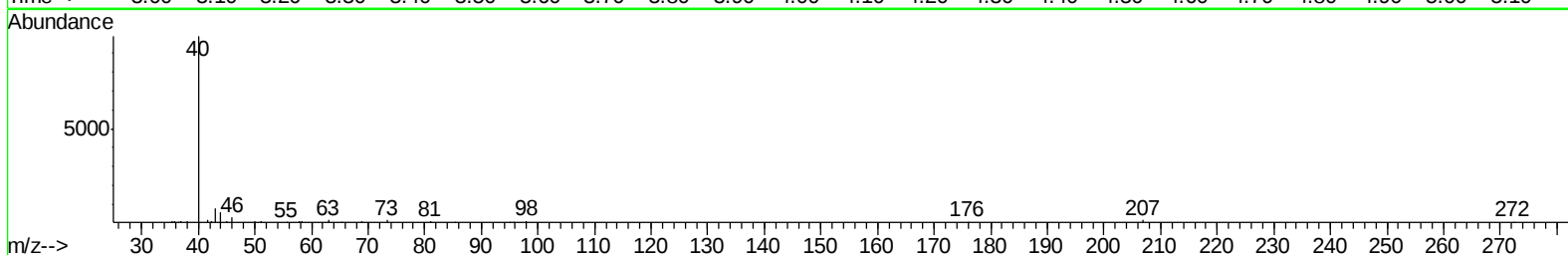
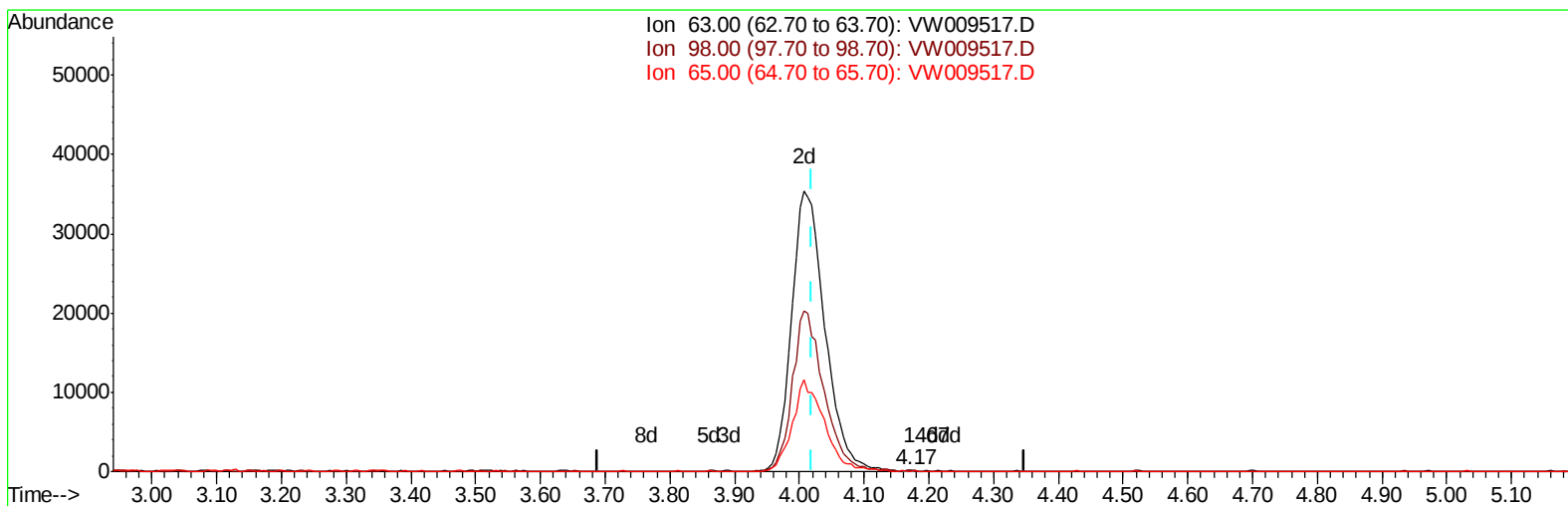
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:12:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009517.D
 Acq On : 27 Mar 2019 23:38
 Operator : SY/VA
 Sample : K2068-11
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration



TIC: VW009517.D

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

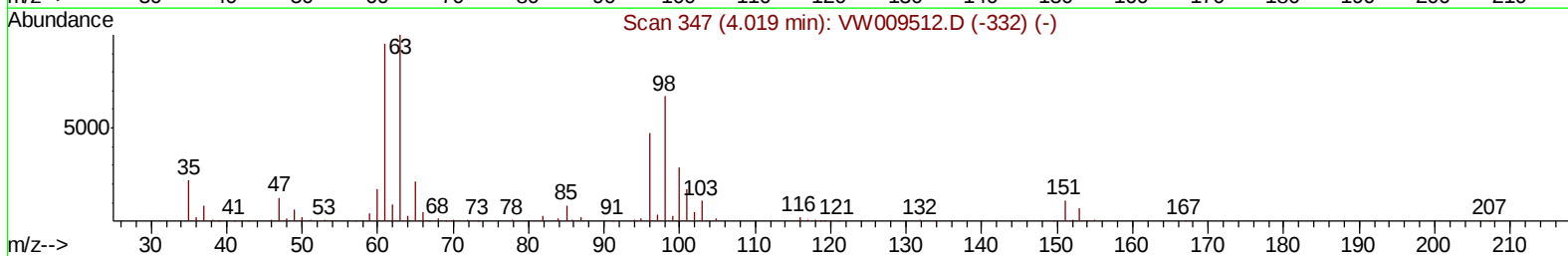
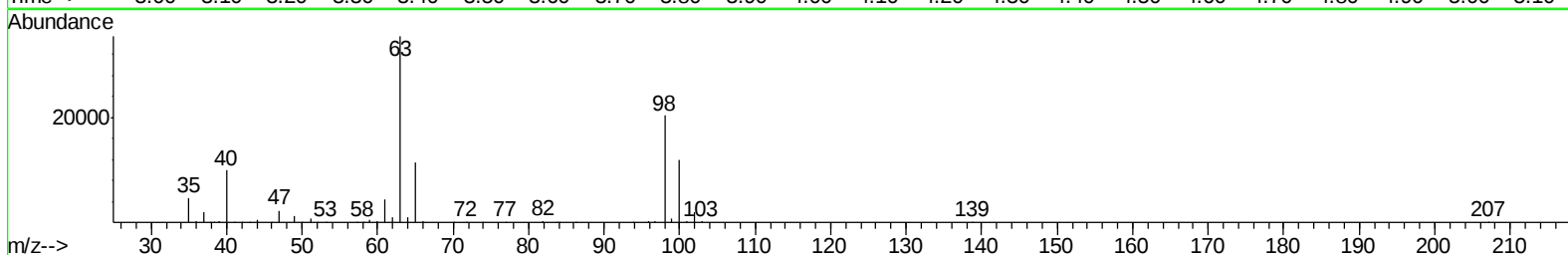
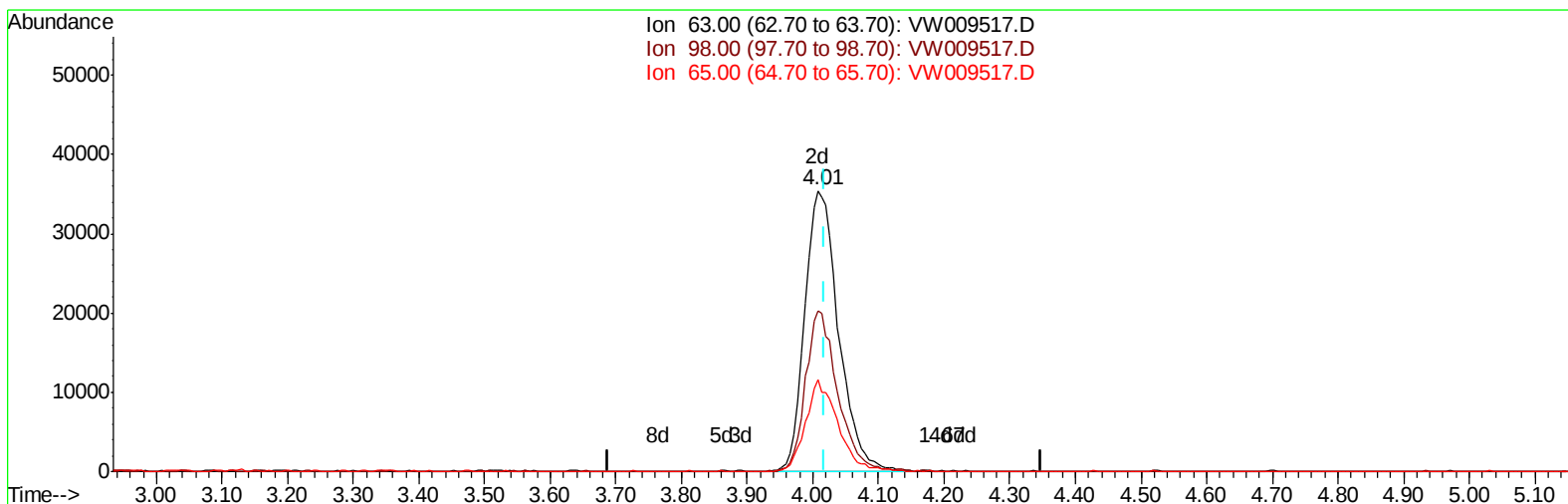
4.172min (+0.153) 0.02ug/L

response 219

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	65.30
65.00	23.00	25.57
0.00	0.00	0.00

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009517.D

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

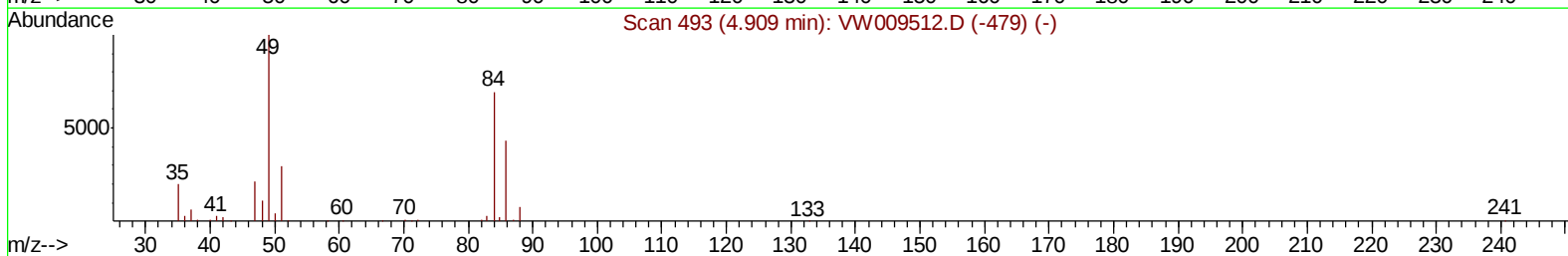
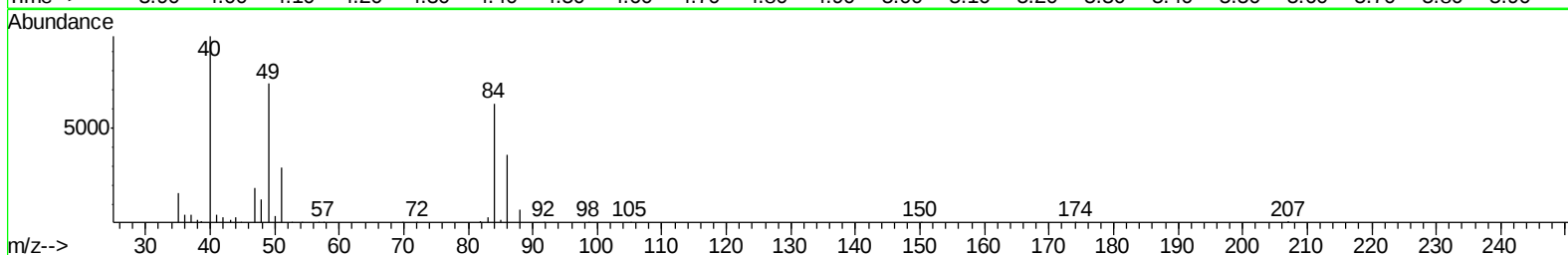
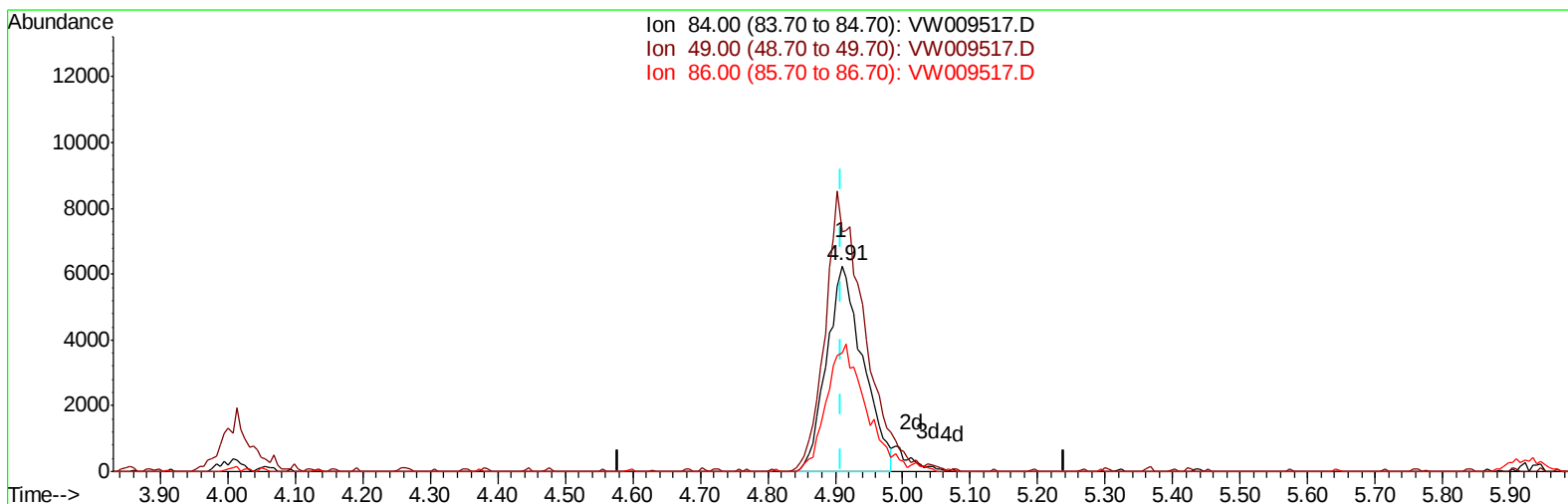
4.007min (-0.012) 13.79ug/L m

response 127397

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	0.11#
65.00	23.00	0.04#
0.00	0.00	0.00

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009517.D

(16) Methylene chloride (T)

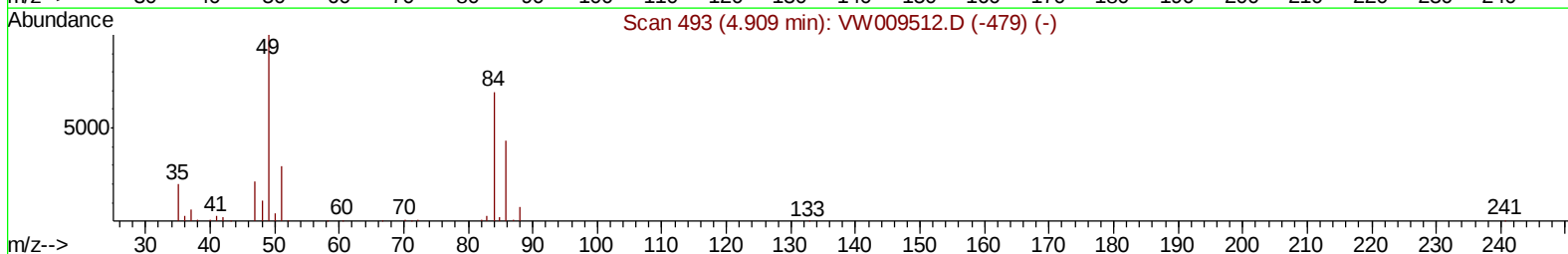
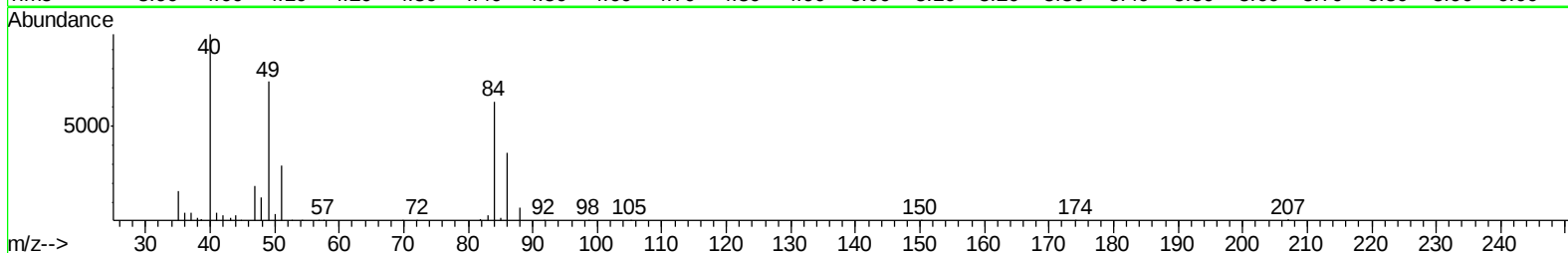
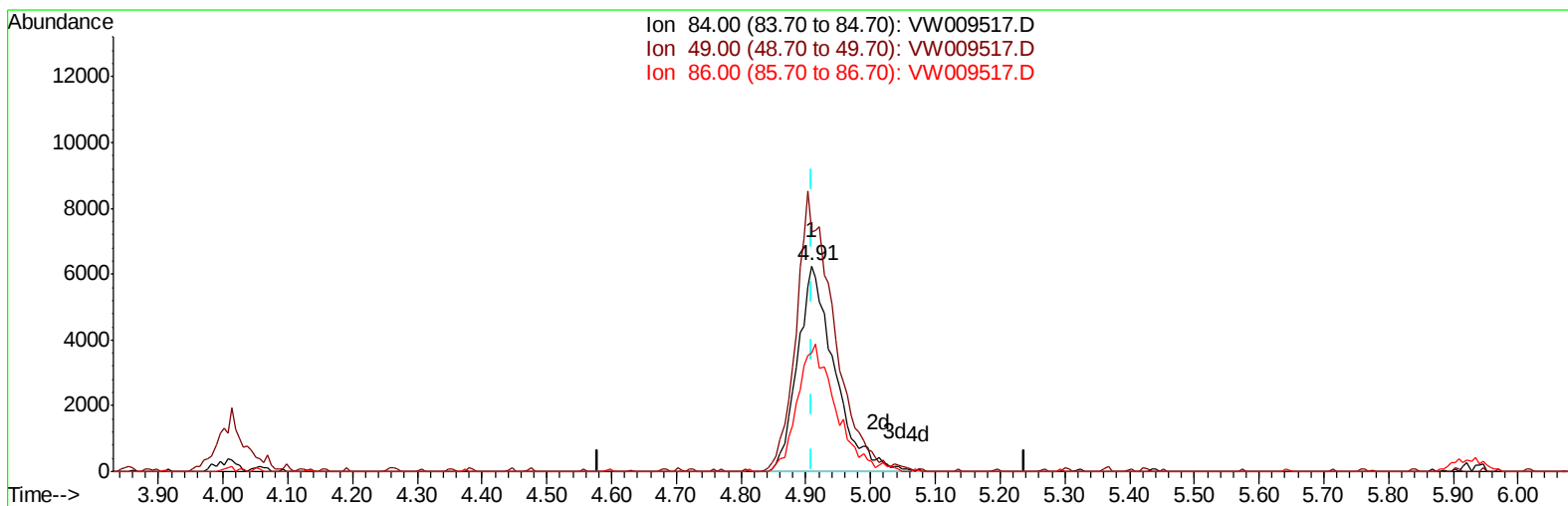
4.909min (+0.000) 4.51ug/L

response 23510

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	116.41
86.00	63.50	57.83
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009517.D
Acq On : 27 Mar 2019 23:38
Operator : SY/VA
Sample : K2068-11
Misc : 5.74G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:46:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009517.D

(16) Methylene chloride (T)

4.909min (+0.000) 4.78ug/L m

response 24921

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	116.41
86.00	63.50	57.83
0.00	0.00	0.00