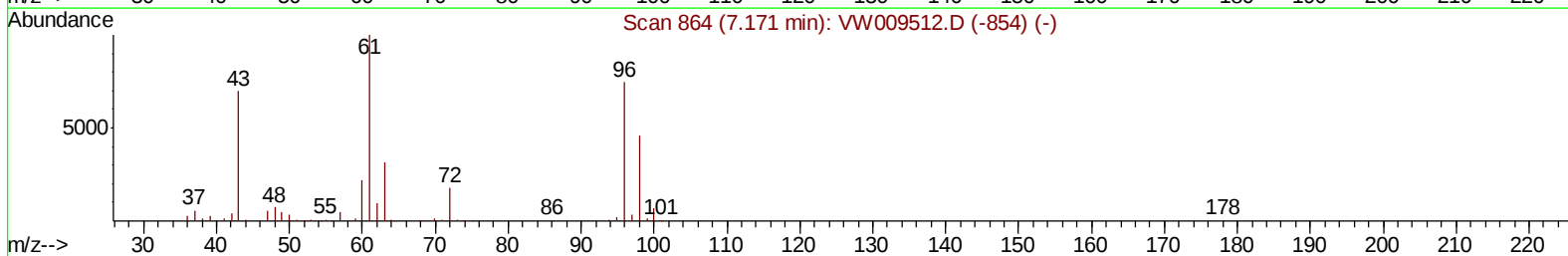
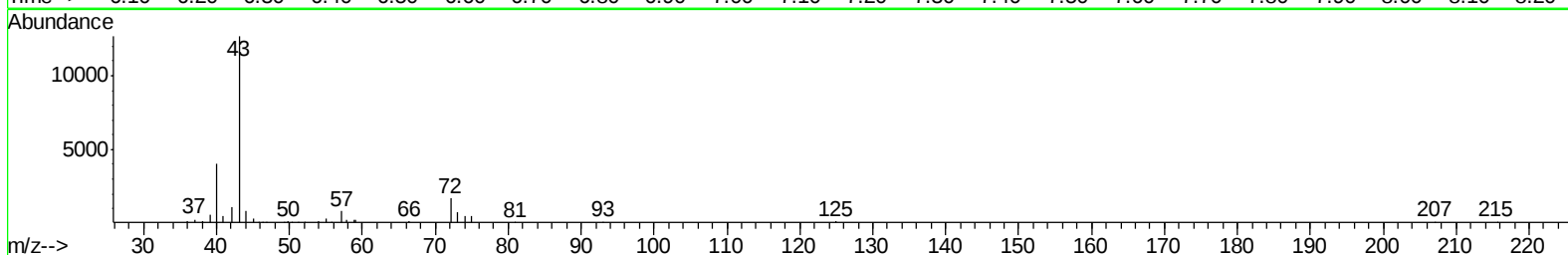
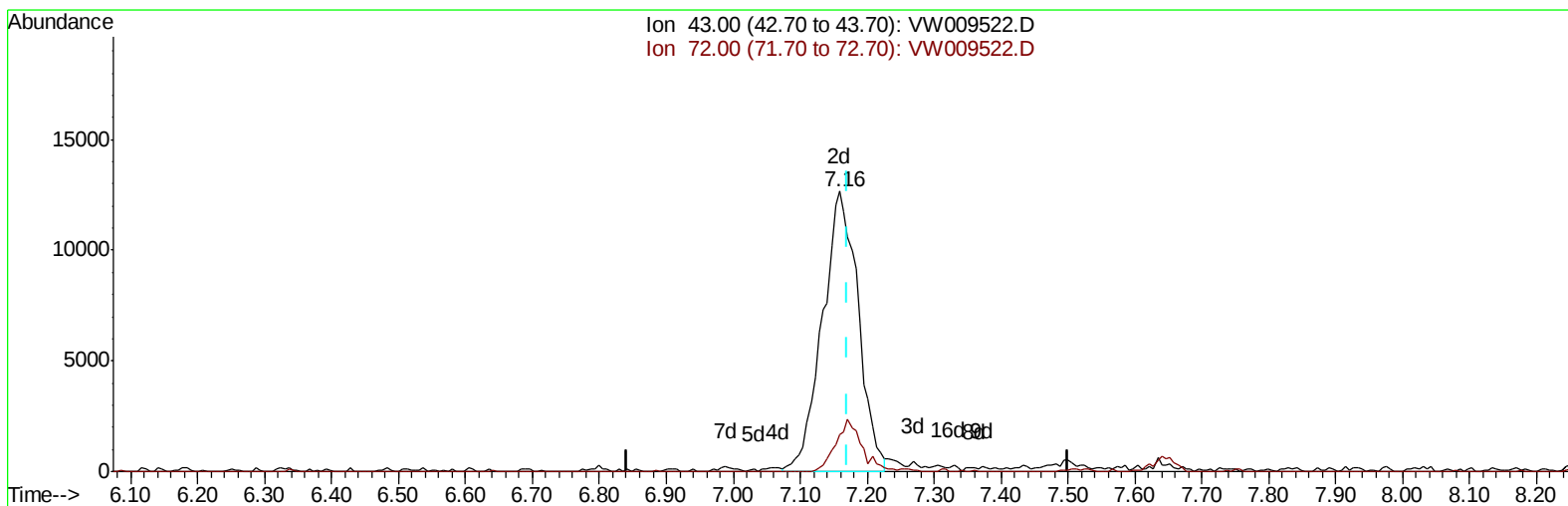


Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:25 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: VW009522.D

(21) 2-Butanone

7.159min (-0.012) 29.48ug/L m

response 47133

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	0.16#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
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 Acq On : 28 Mar 2019 01:55
 Operator : SY/VA
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 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:31:27 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	285676	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220879	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58676	25.00	ug/L	0.00

System Monitoring Compounds

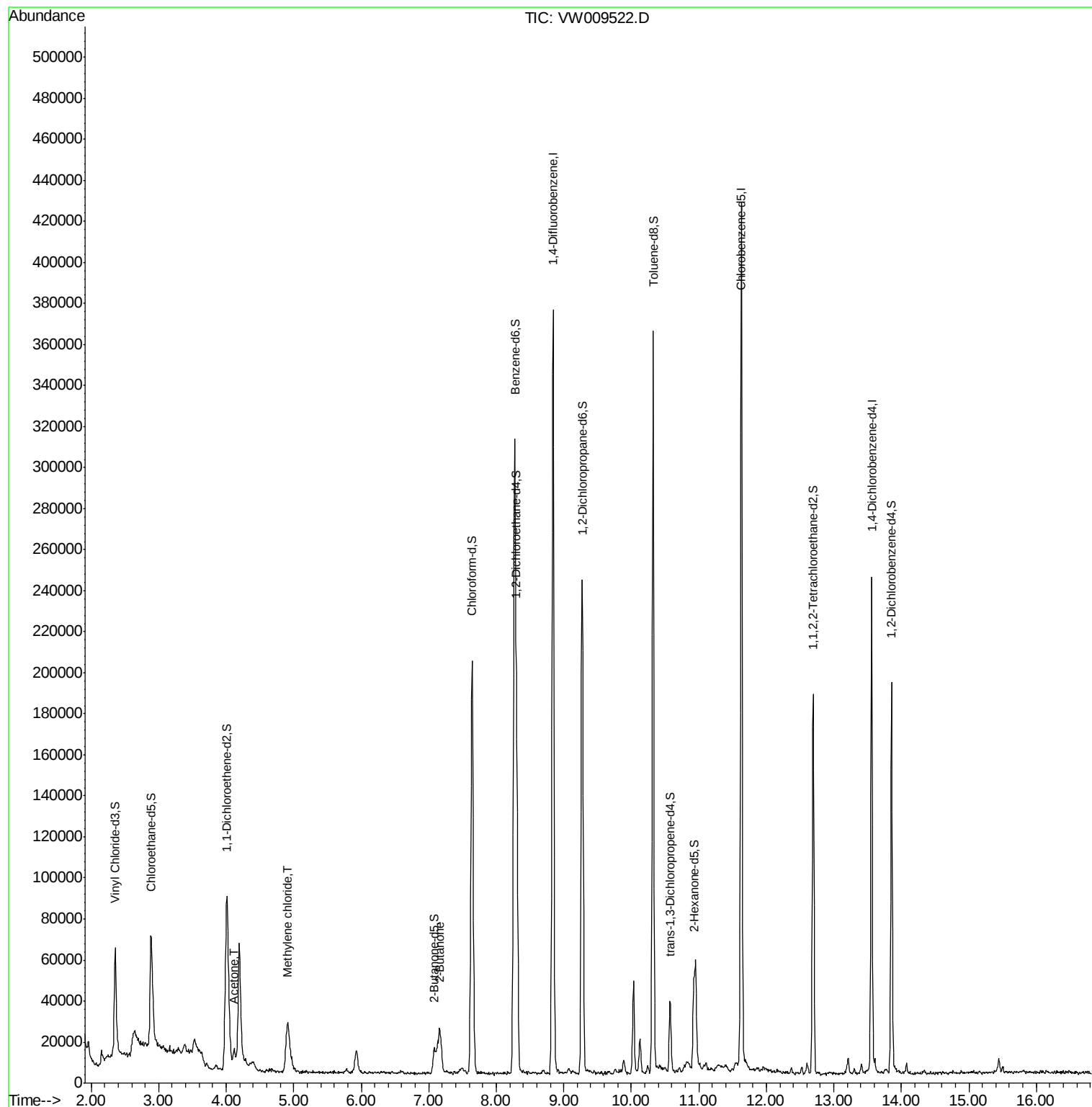
4) Vinyl Chloride-d3	2.35	65	65797	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.89	69	76719	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.84%
10) 1,1-Dichloroethene-d2	4.01	63	104400	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.09	46	18408m	13.04	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.08%
24) Chloroform-d	7.64	84	183134	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.30	65	114164	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	8.27	84	297821	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	101414	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.88%
37) Toluene-d8	10.32	98	219499	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.96%
38) trans-1,3-Dichloropropene-	10.58	79	17101	9.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.24%
39) 2-Hexanone-d5	10.93	63	10784	12.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80176	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	47250	21.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	15684	13.547 ug/L	98
16) Methylene chloride	4.92	84	21414	5.140 ug/L	84
21) 2-Butanone	7.16	43	47133m	29.484 ug/L	

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

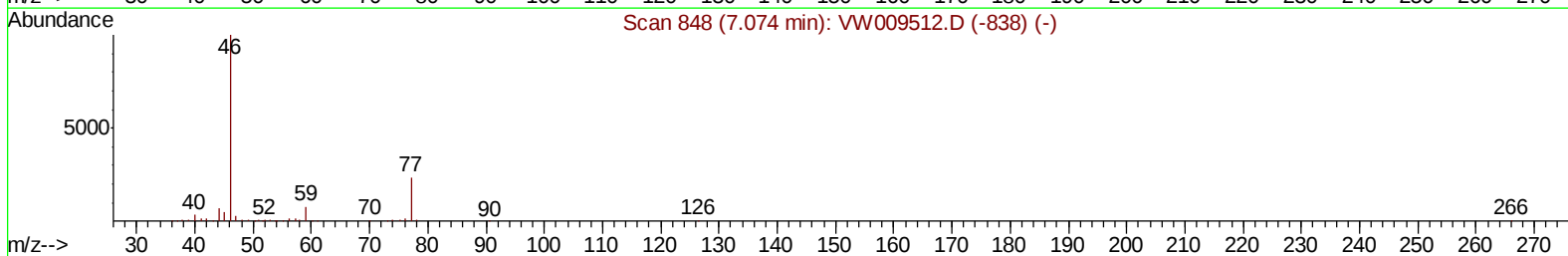
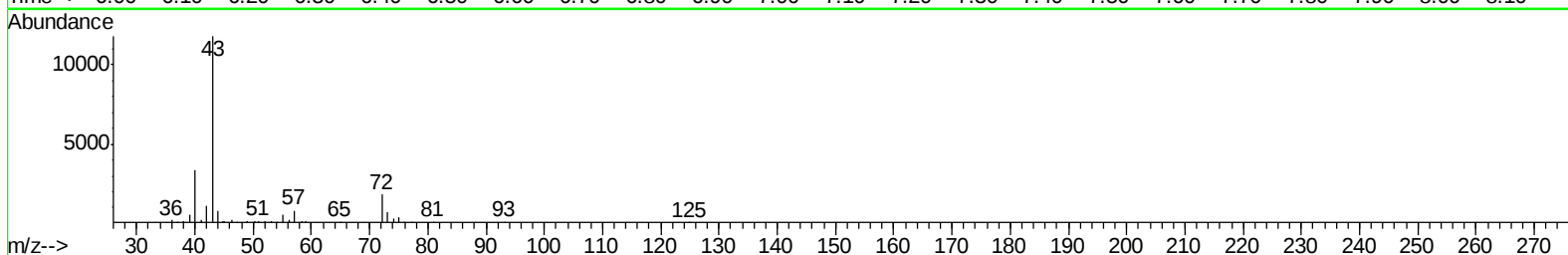
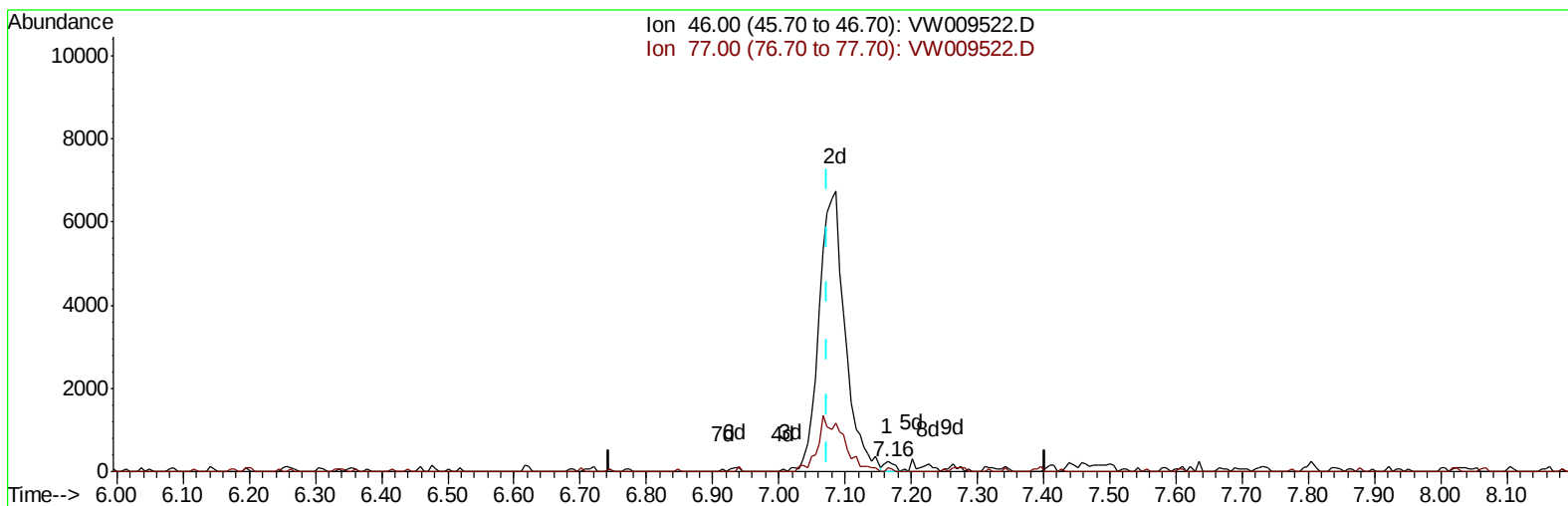
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
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Sample : K2068-18
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Quant Title : VOC Analysis
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TIC: VW009522.D

(20) 2-Butanone-d5 (S)

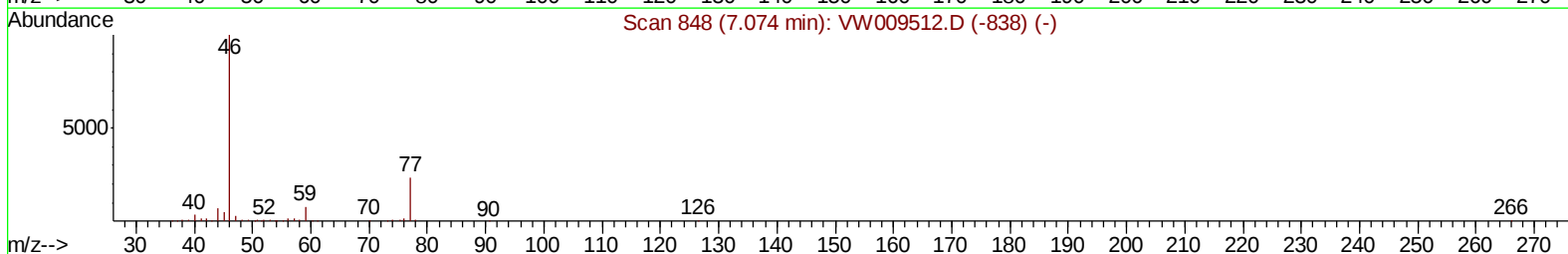
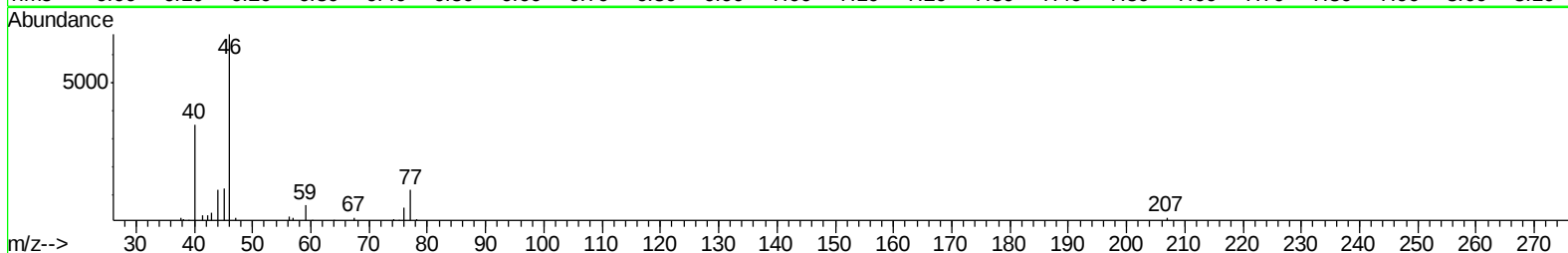
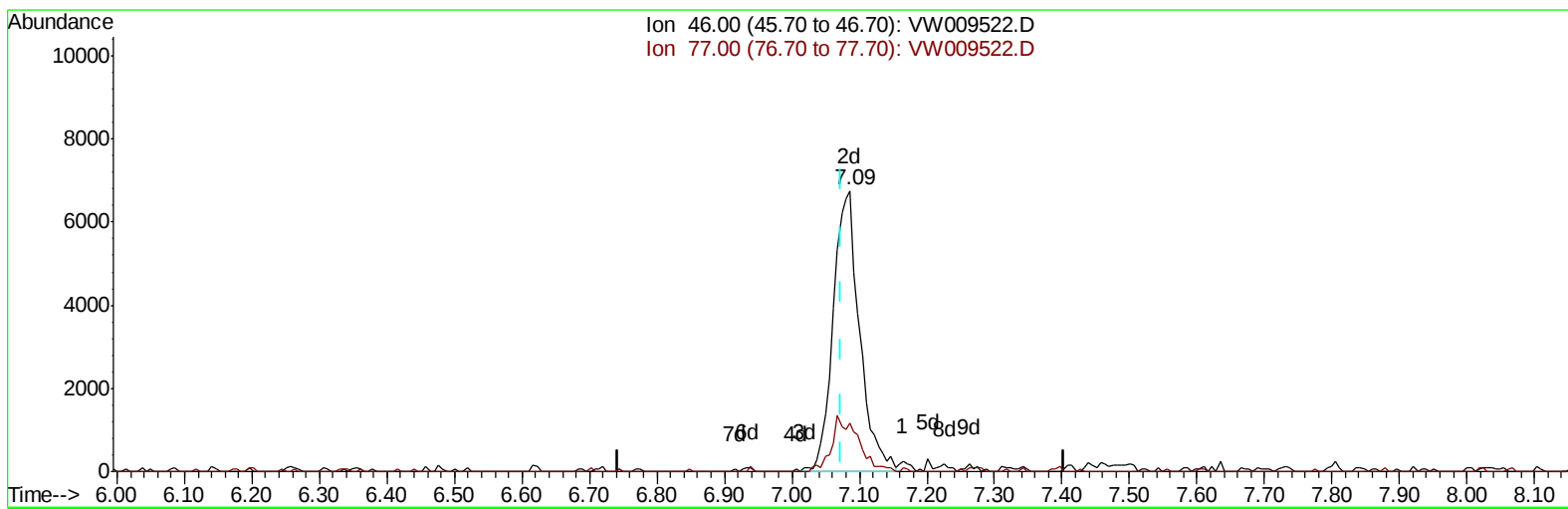
7.165min (+0.091) 0.22ug/L

response 309

Ion	Exp%	Act%
46.00	100	100
77.00	23.20	18.12
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:25 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: VW009522.D

(20) 2-Butanone-d5 (S)

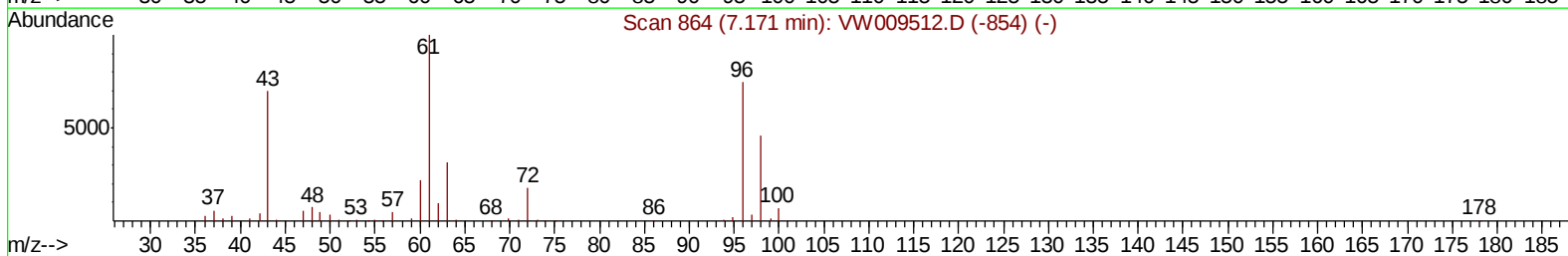
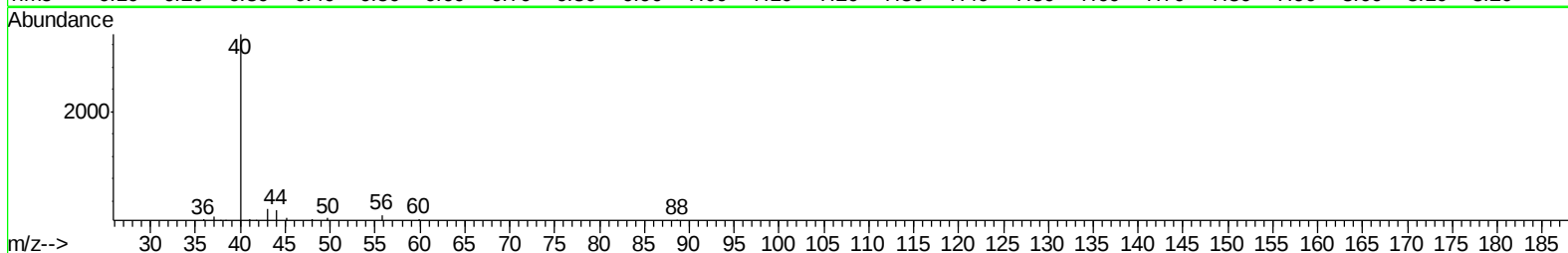
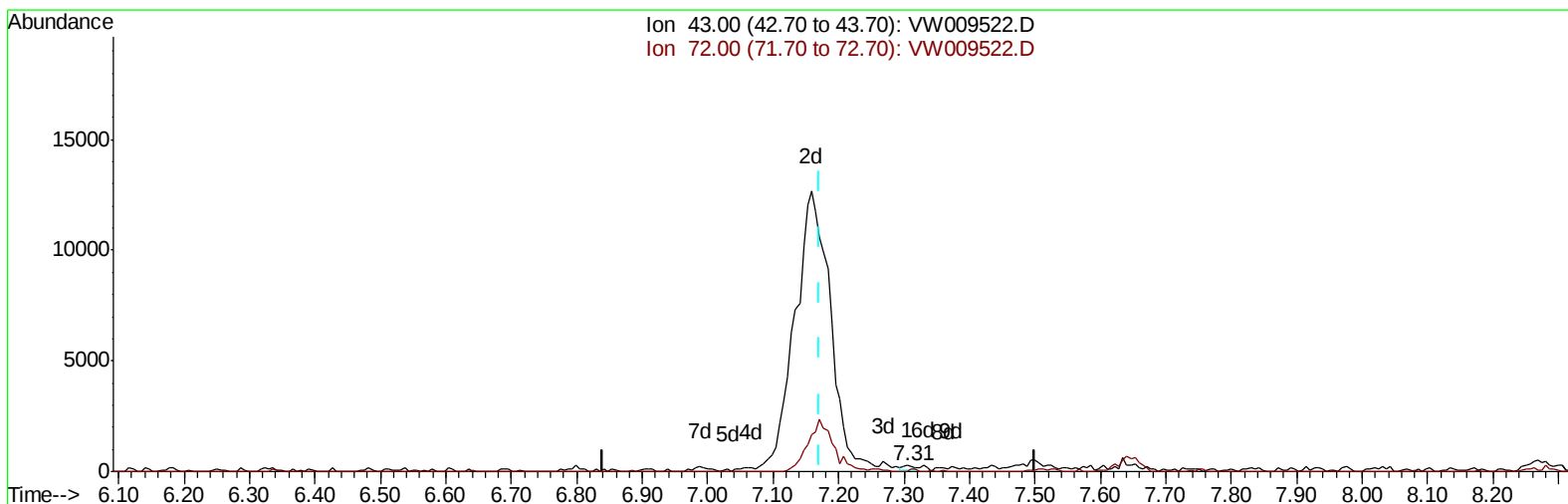
7.086min (+0.012) 13.04ug/L m

response 18408

Ion	Exp%	Act%
46.00	100	100
77.00	23.20	0.30#
0.00	0.00	0.00
0.00	0.00	0.00

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Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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TIC: VW009522.D

(21) 2-Butanone

7.305min (+0.134) 0.15ug/L

response 233

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	32.62
0.00	0.00	0.00
0.00	0.00	0.00