

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009526.D
 Acq On : 28 Mar 2019 03:44
 Operator : SY/VA
 Sample : K2068-22
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:45:22 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	304570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63205	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
7) Chloroethane-d5	2.89	69	73750	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	4.01	63	104481	13.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.12%
20) 2-Butanone-d5	7.07	46	32457	21.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.12%
24) Chloroform-d	7.64	84	192302	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.30	65	114318	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.32%
29) Benzene-d6	8.27	84	308892	21.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.24%
33) 1,2-Dichloropropane-d6	9.27	67	107514	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.32	98	241751	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.32%
38) trans-1,3-Dichloropropene-	10.57	79	29376	13.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.12%
39) 2-Hexanone-d5	10.93	63	21537	20.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93926	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	72707	21.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.72%

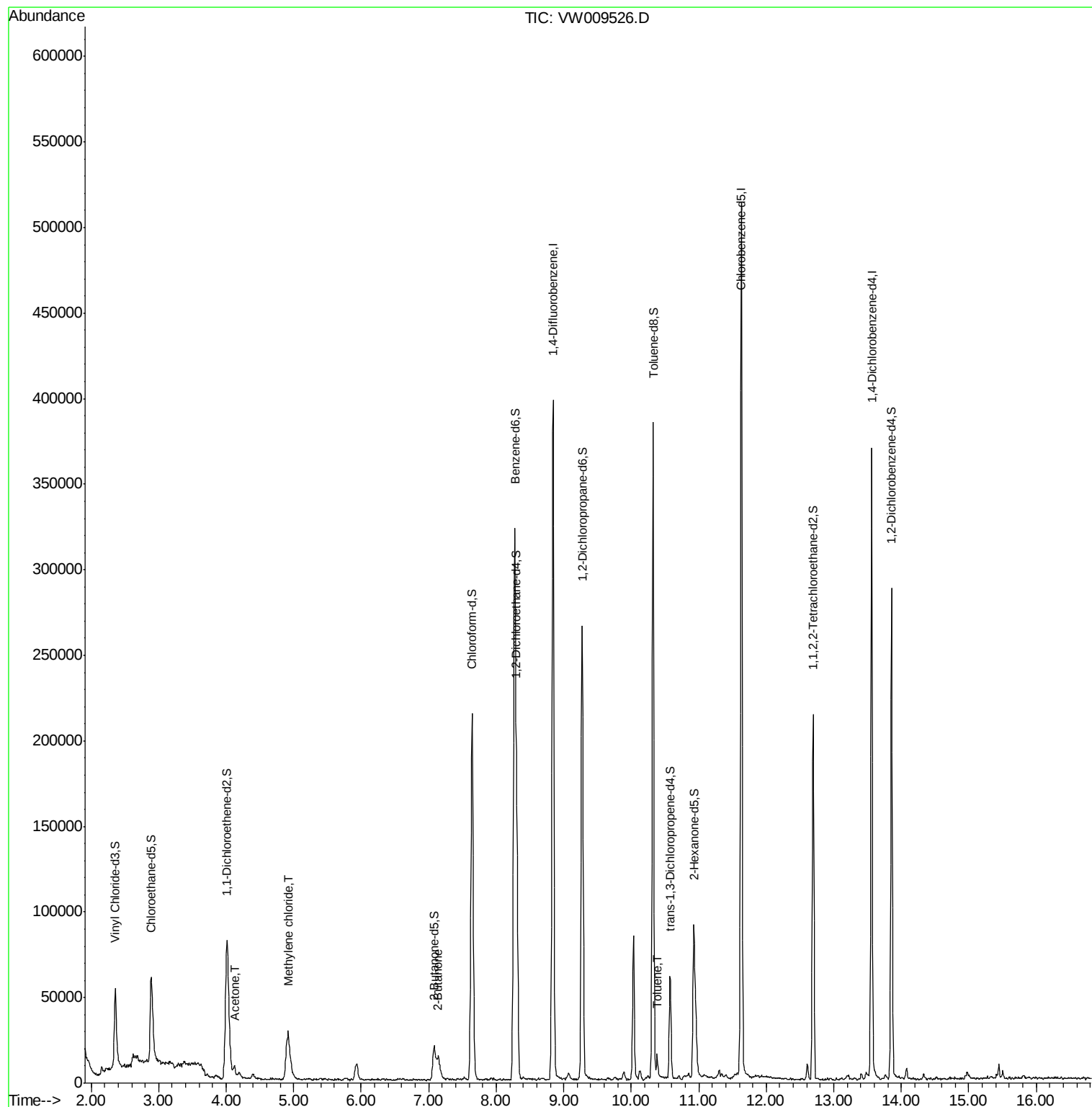
Target Compounds

					Ovalue
13) Acetone	4.12	43	9435	7.644 ug/L	99
16) Methylene chloride	4.92	84	25745m	5.797 ug/L	
21) 2-Butanone	7.14	43	22001m	12.909 ug/L	
44) Toluene	10.38	91	8391	0.527 ug/L	97

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

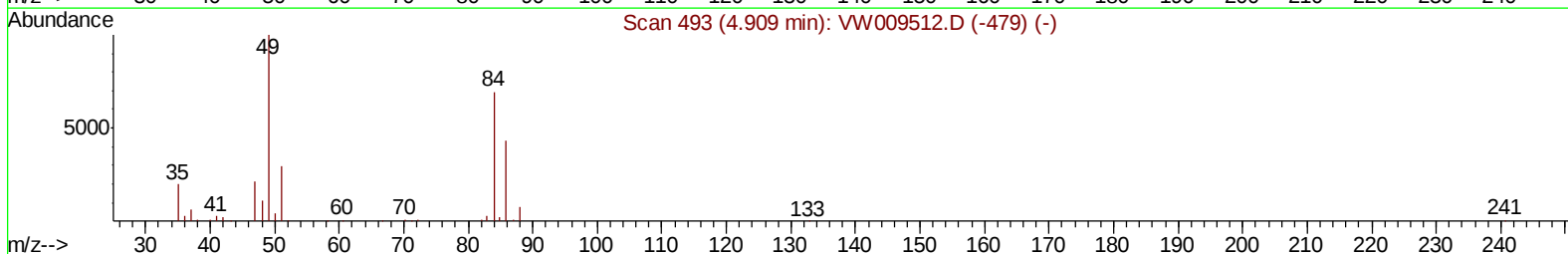
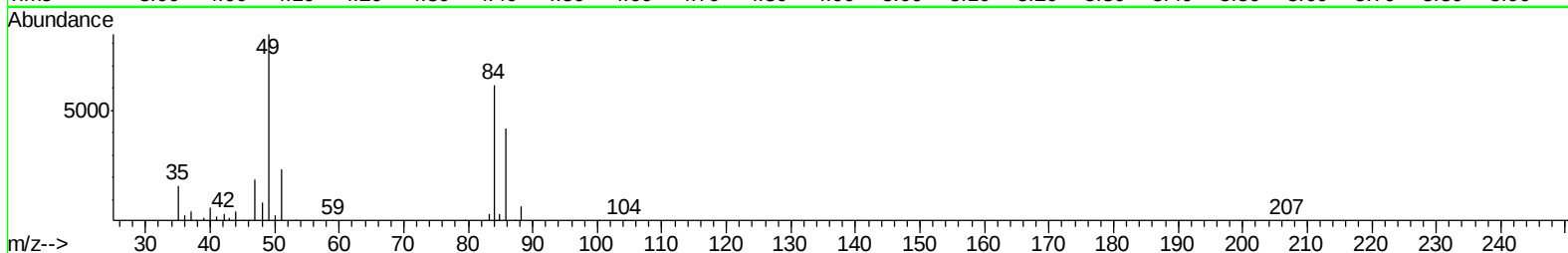
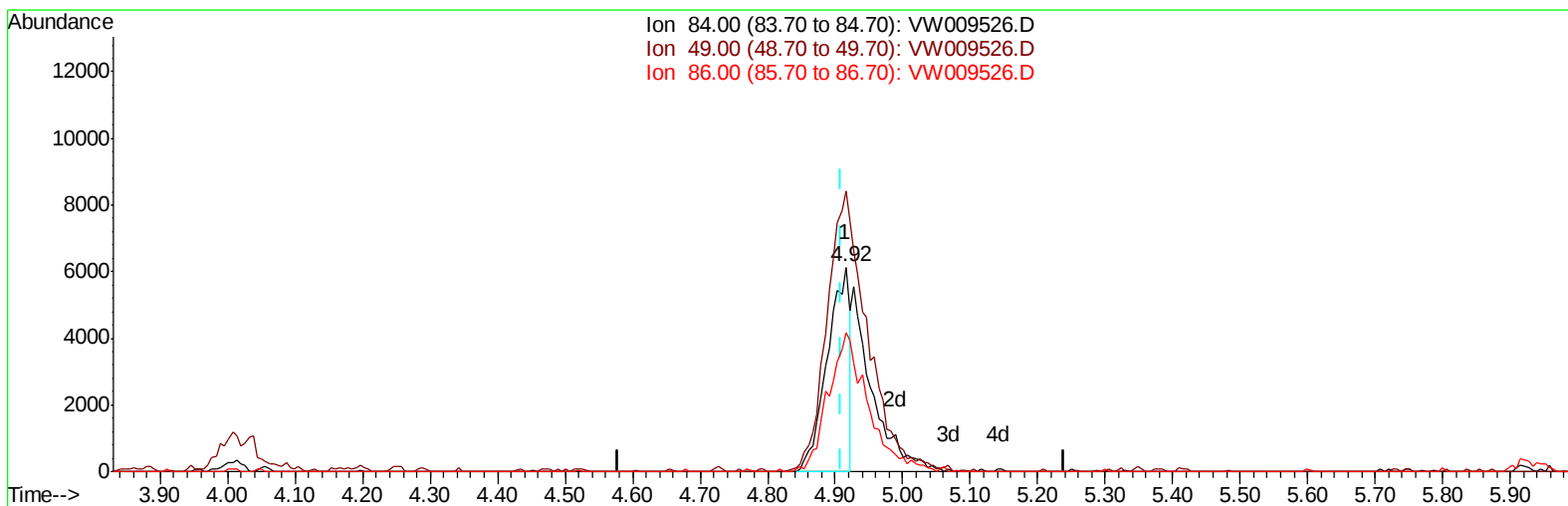
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(16) Methylene chloride (T)

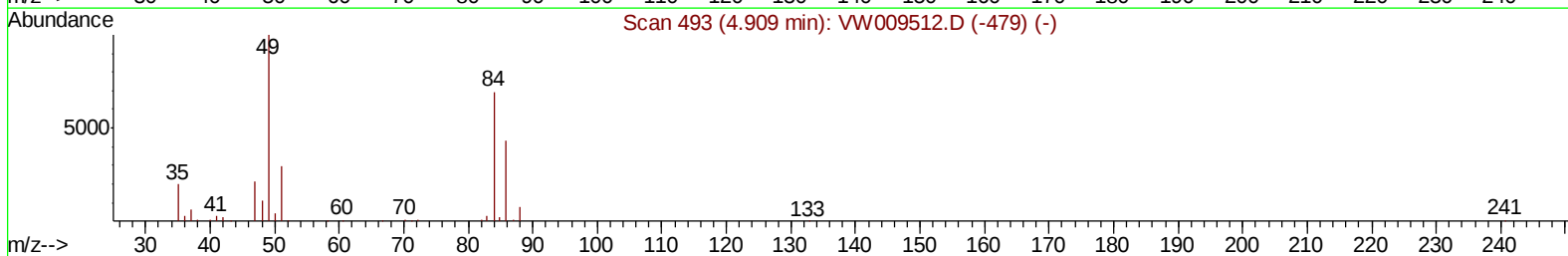
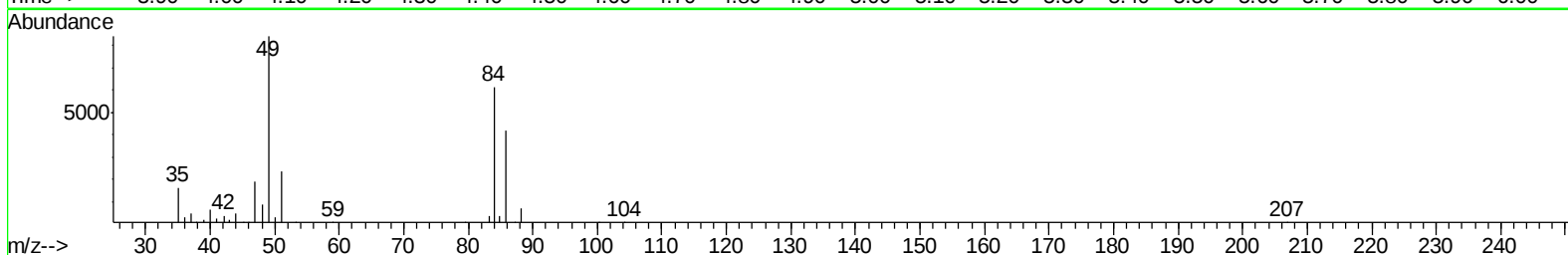
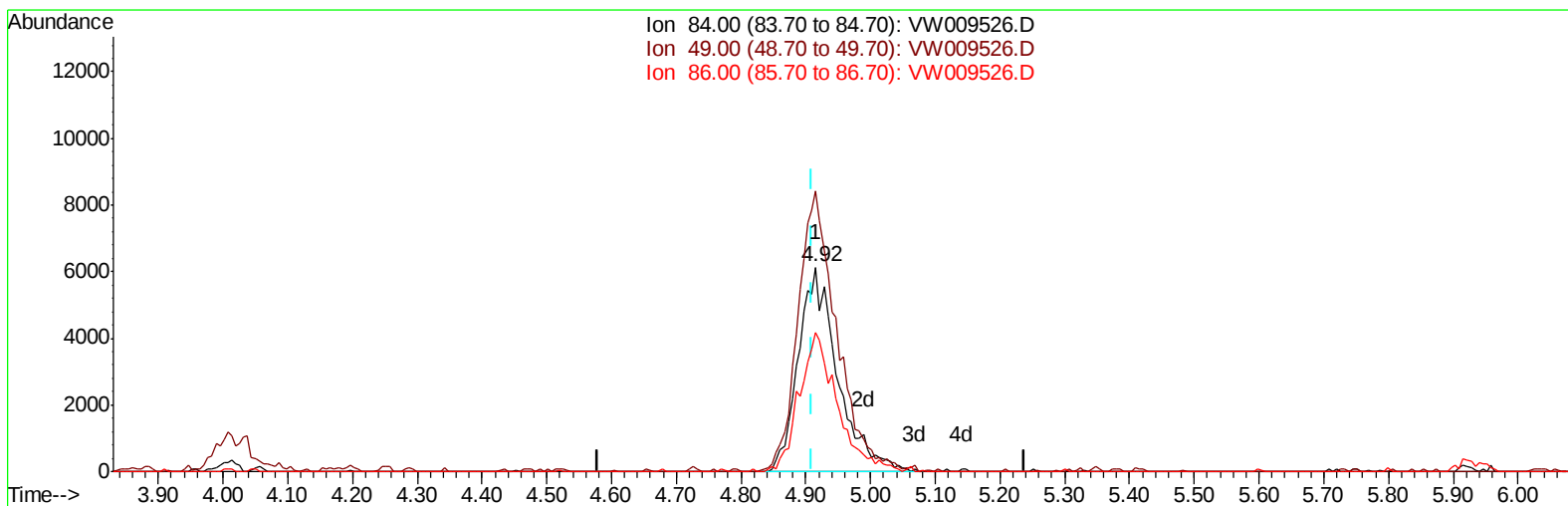
4.916min (+0.006) 3.20ug/L

response 14221

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	137.32
86.00	63.50	67.92
0.00	0.00	0.00

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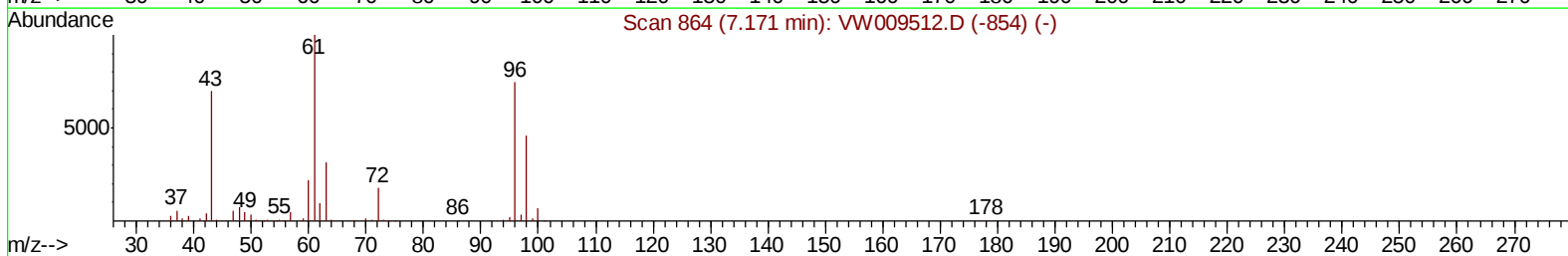
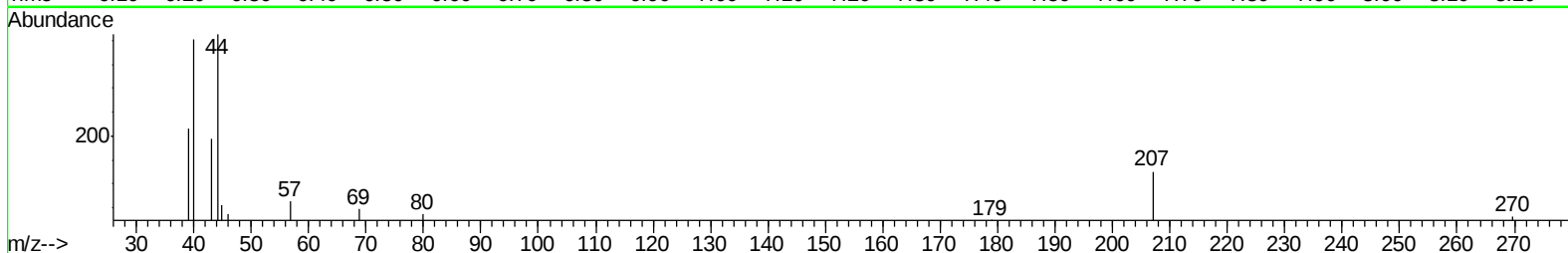
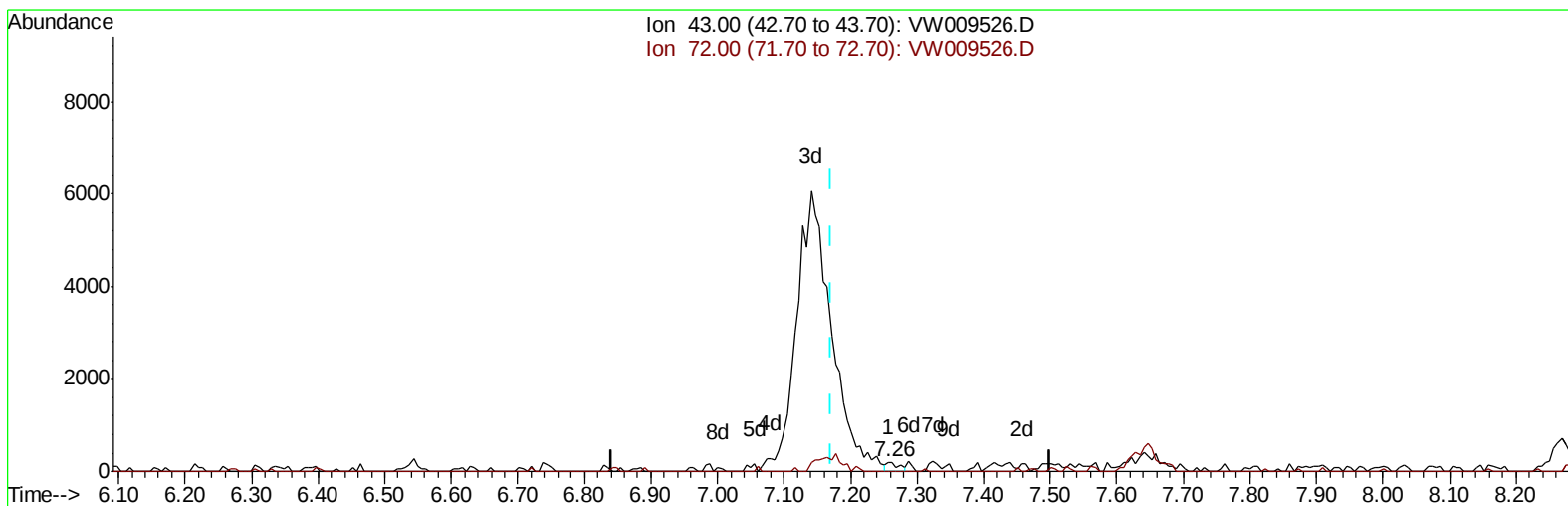
4.916min (+0.006) 5.80ug/L m

response 25745

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	137.32
86.00	63.50	67.92
0.00	0.00	0.00

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(21) 2-Butanone

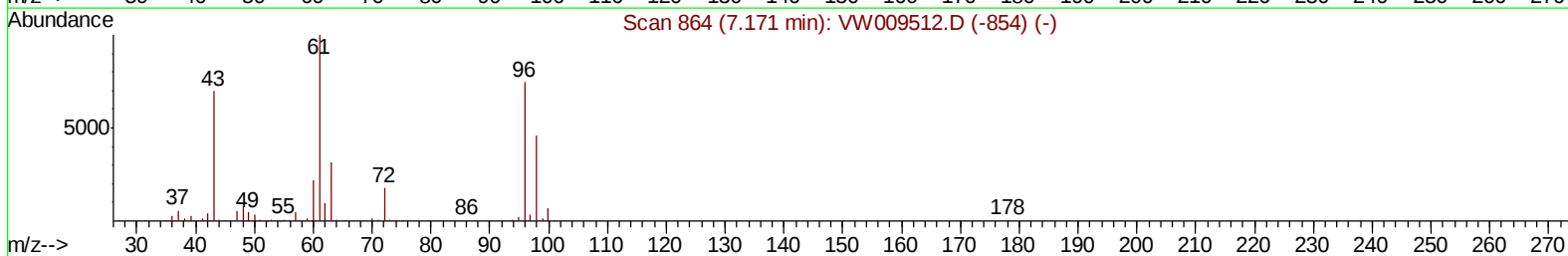
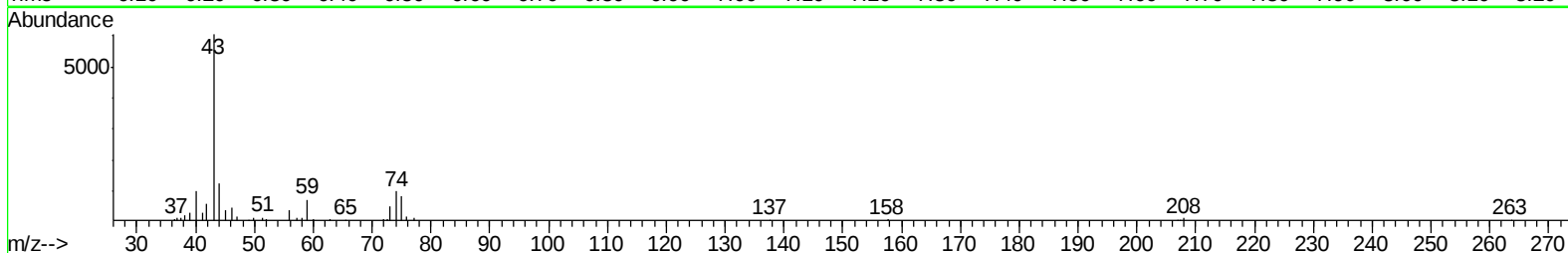
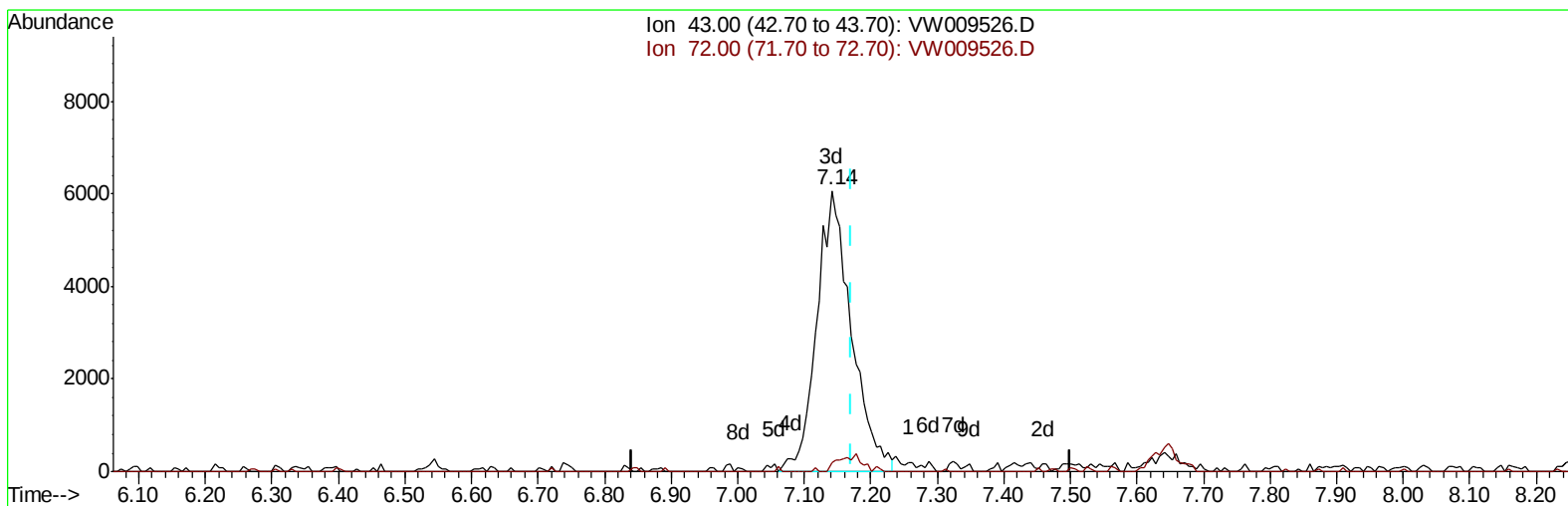
7.257min (+0.086) 0.15ug/L

response 252

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	25.00
0.00	0.00	0.00
0.00	0.00	0.00

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(21) 2-Butanone

7.141min (-0.030) 12.91ug/L m

response 22001

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	0.29#
0.00	0.00	0.00
0.00	0.00	0.00