Quantitation Report (QT Reviewed)

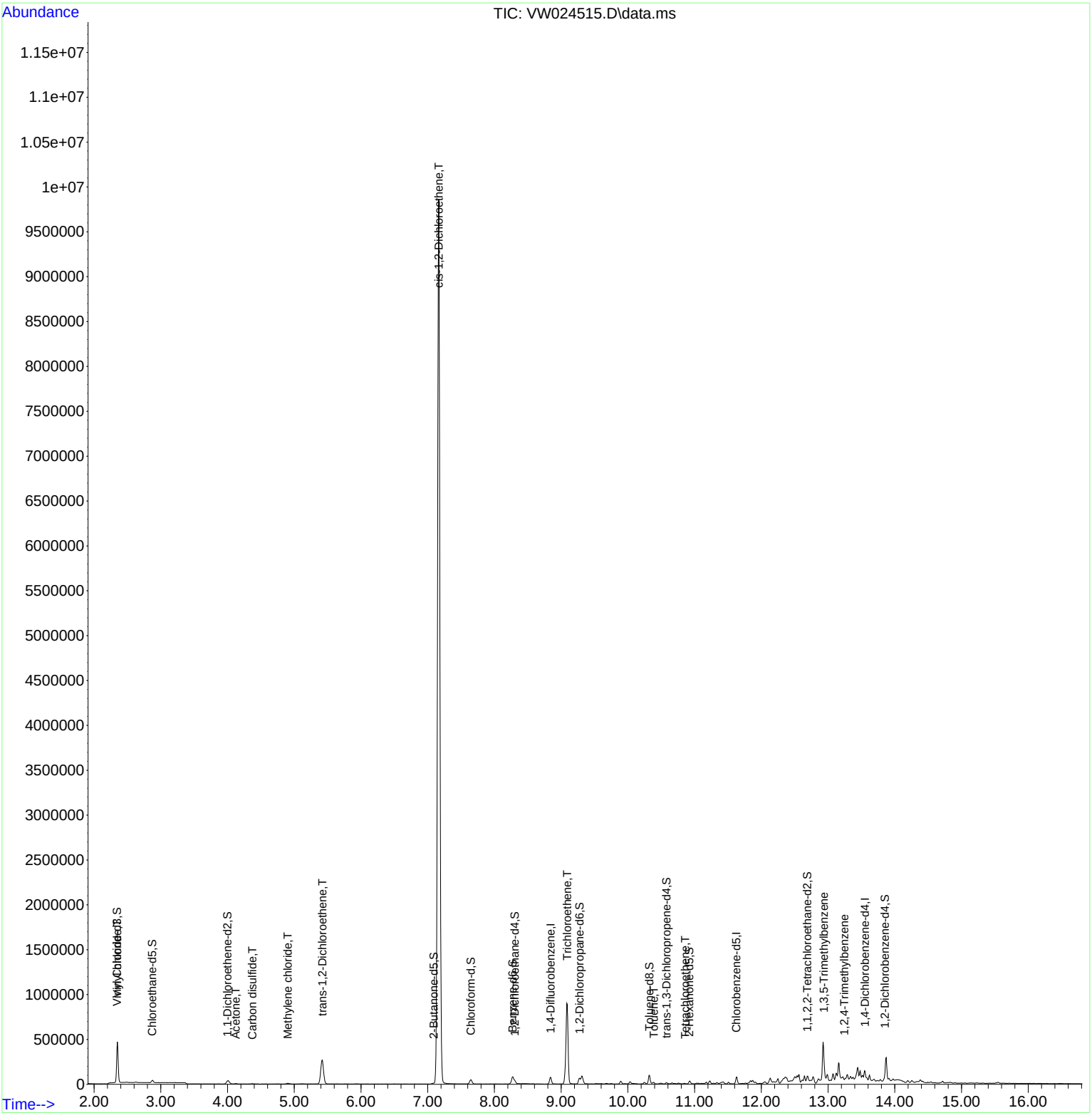
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 01 03:01:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 31 02:55:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 09/01/2022
Supervised By :Semsettin Yesilyurt 09/01/2022



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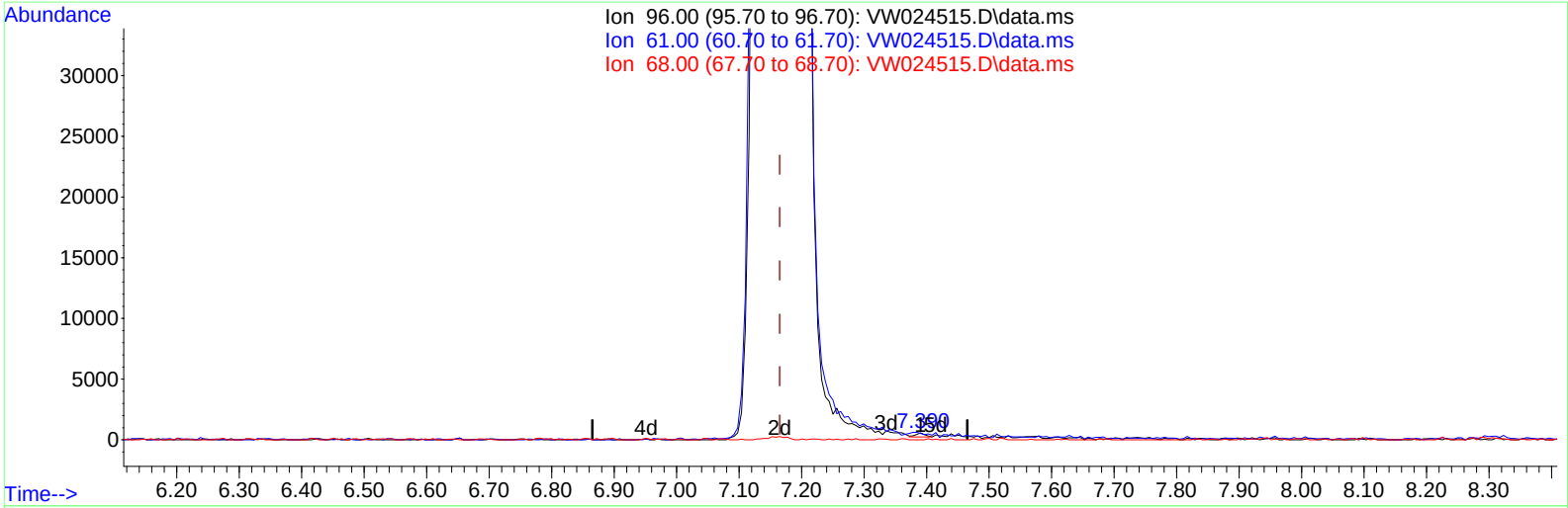

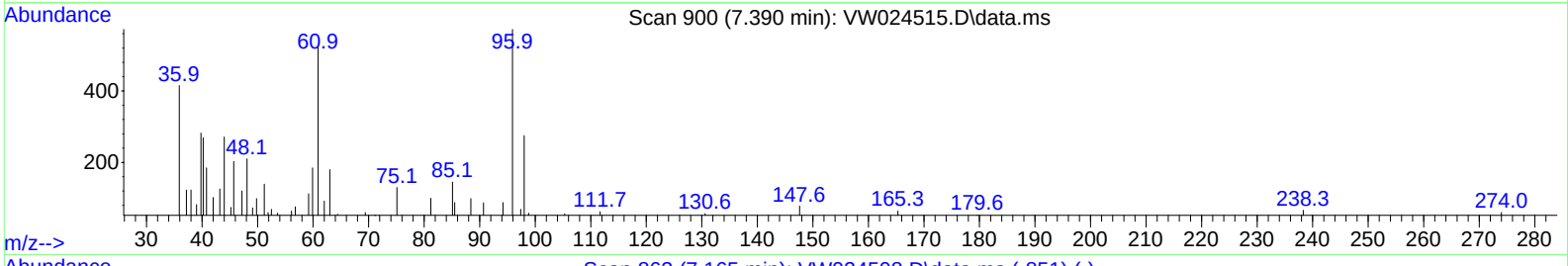

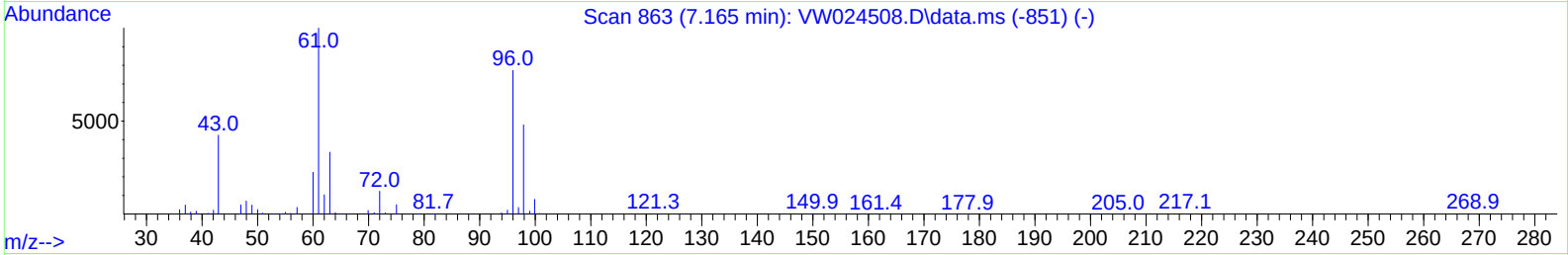

TIC: VW024515.D\data.ms

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

7.390min (+ 0.225) 0.34 ug/L

response 335

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.90	91.26
68.00	0.00	0.00
0.00	0.00	0.00

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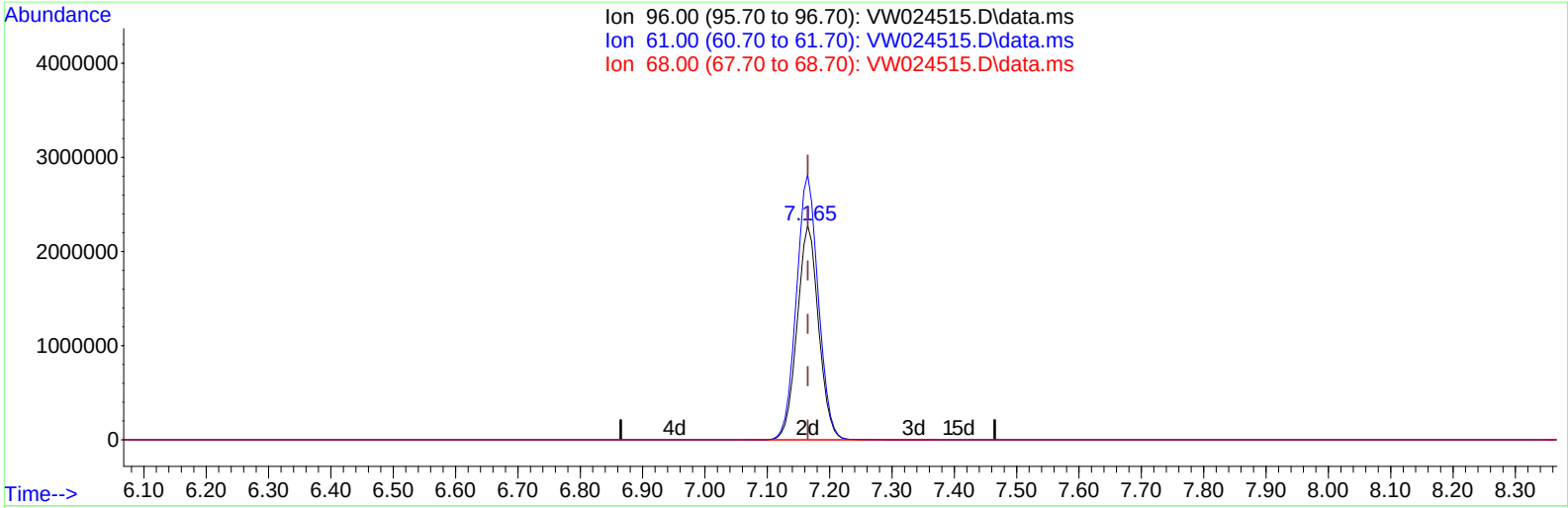

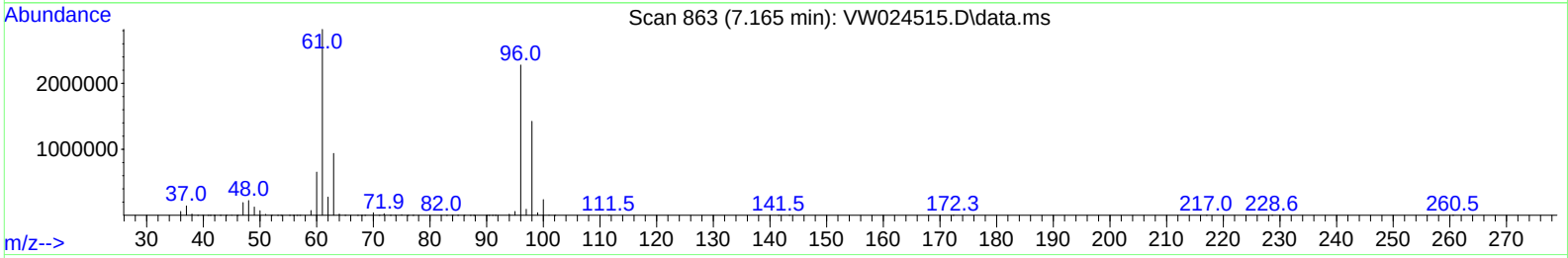

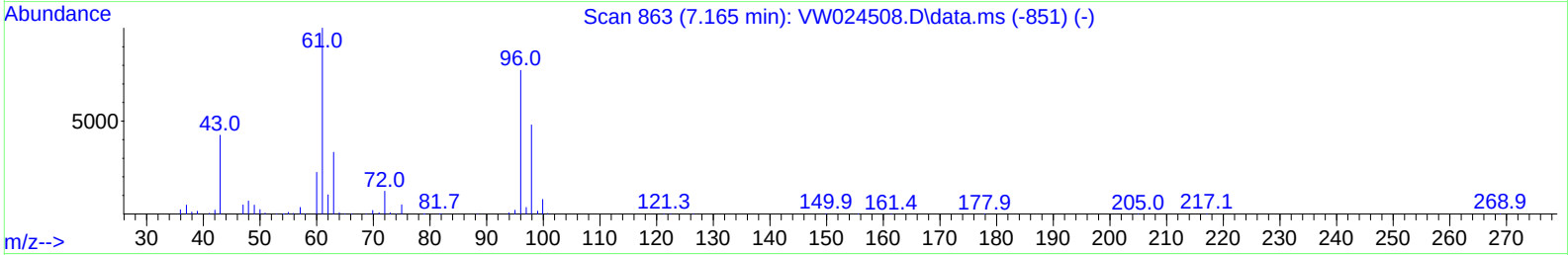

TIC: VW024515.D\data.ms

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

7.165min (-0.000) 5599.48 ug/L m

response 5451933

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.90	123.66
68.00	0.00	0.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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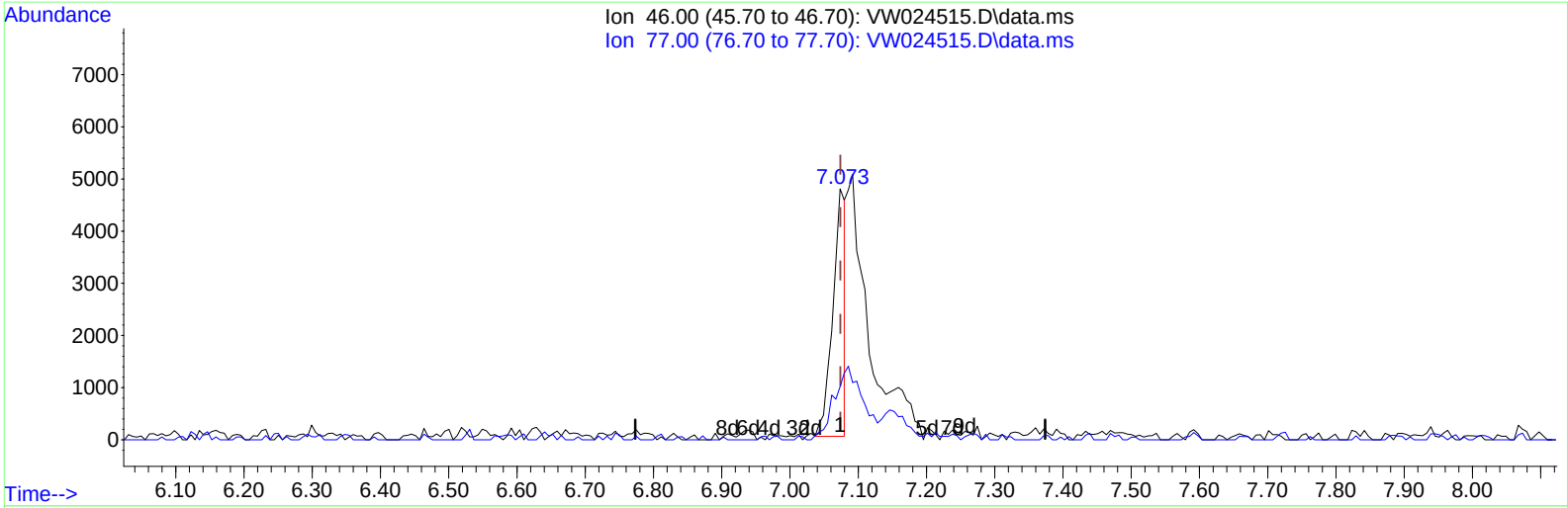

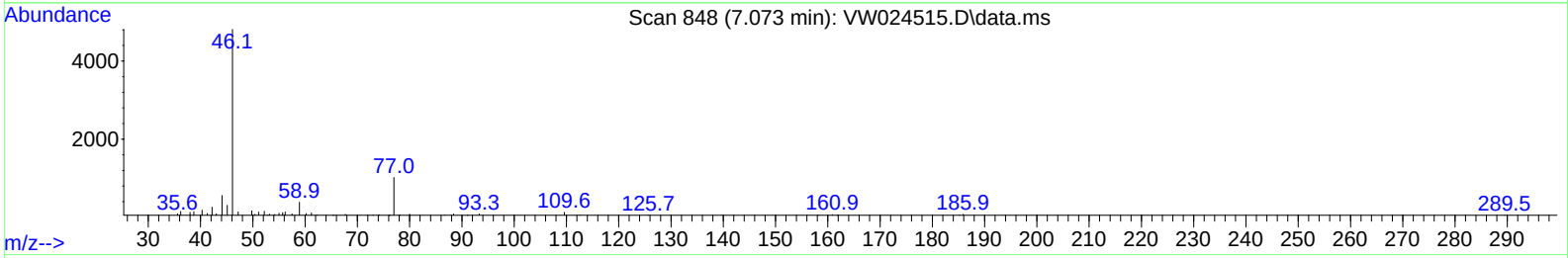

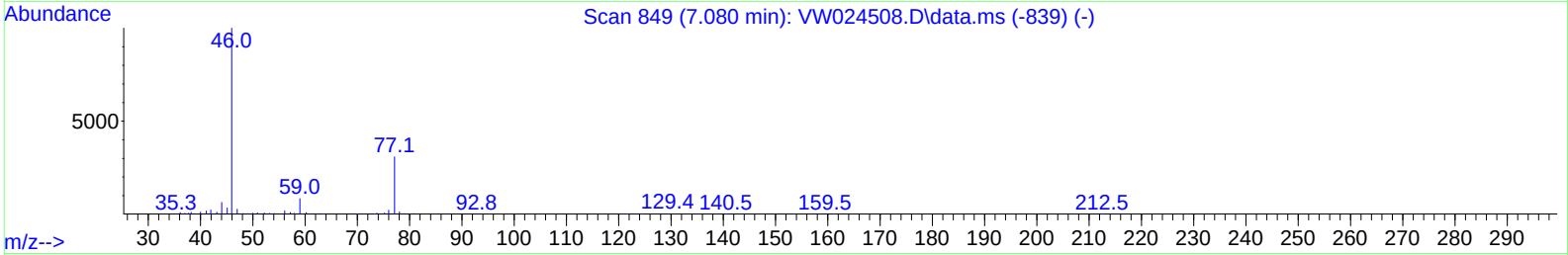

TIC: VW024515.D\data.ms

(21) 2-Butanone-d5 (S)

7.073min (-0.000) 19.03 ug/L

response 6051

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	12.40	67.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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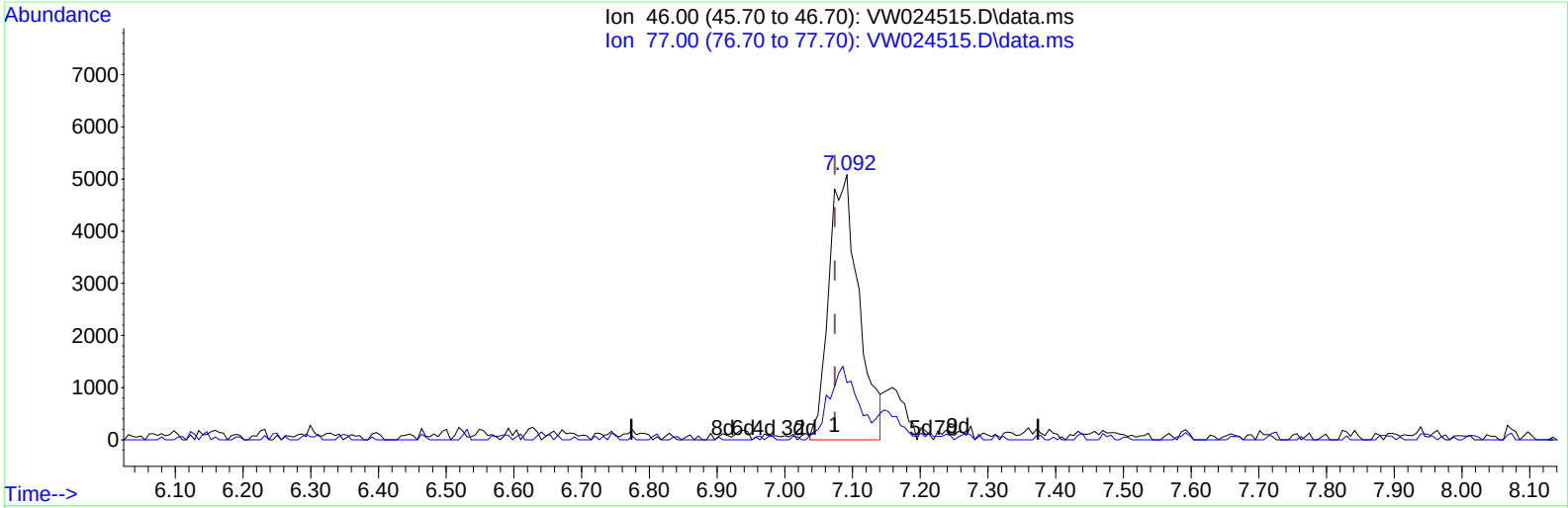

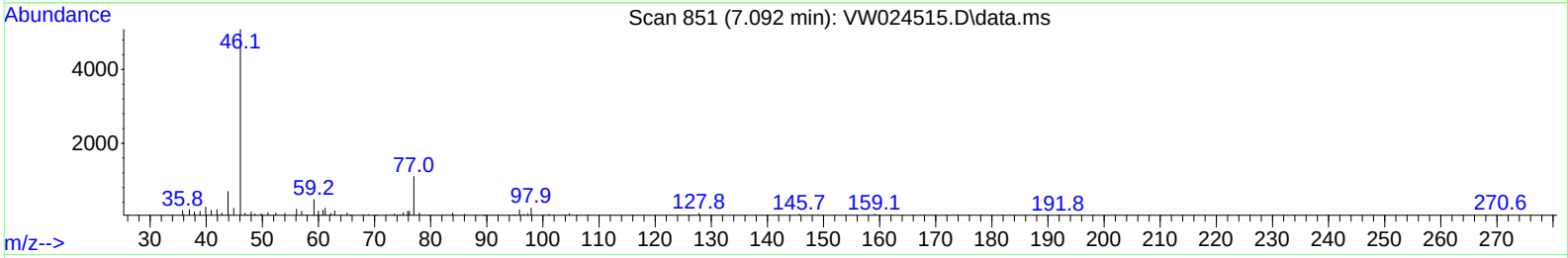

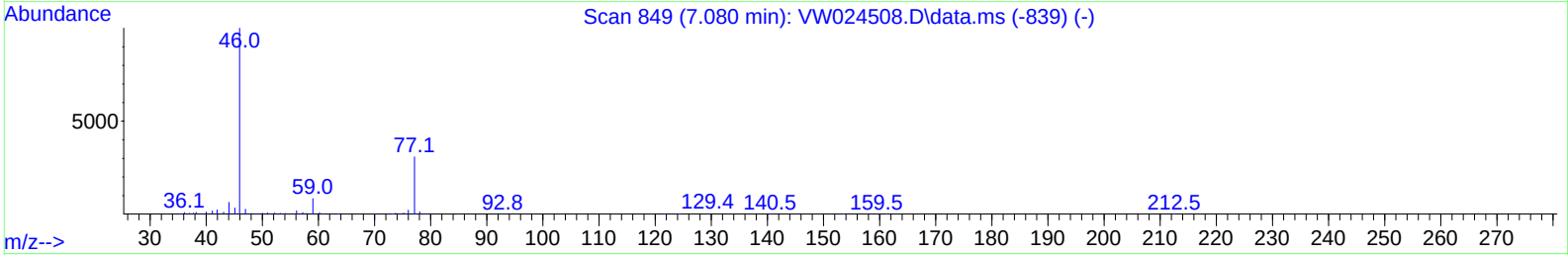

TIC: VW024515.D\data.ms

(21) 2-Butanone-d5 (S)

7.092min (+ 0.018) 48.82 ug/L m

response 15524

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	12.40	26.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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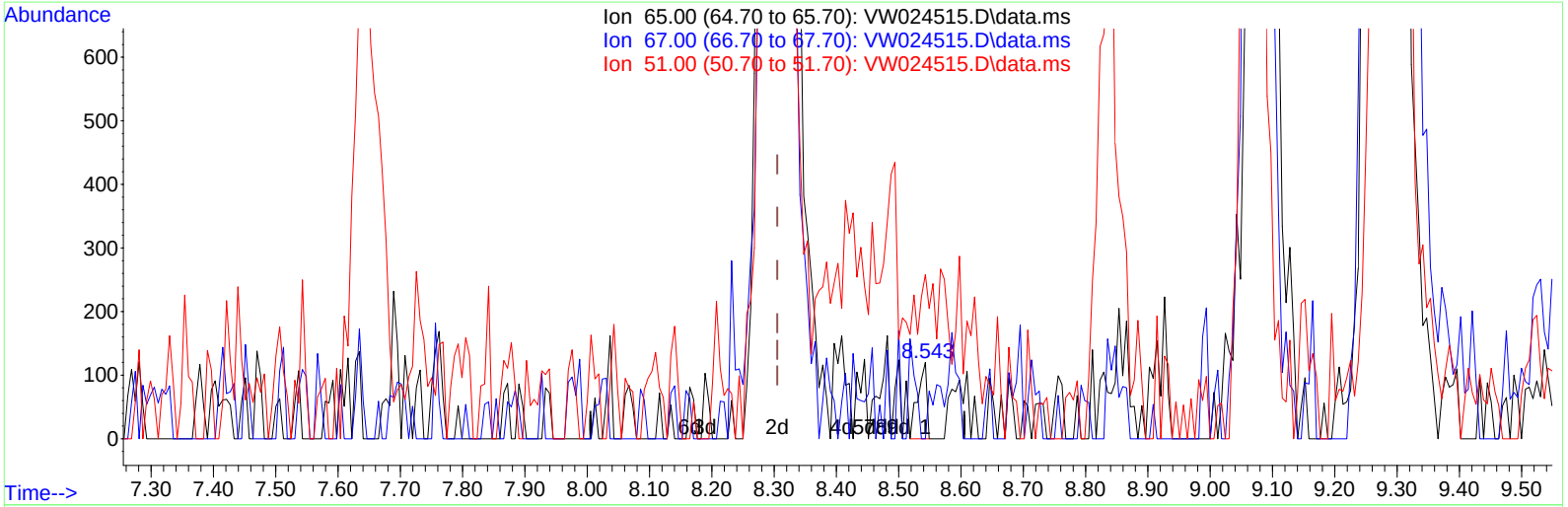

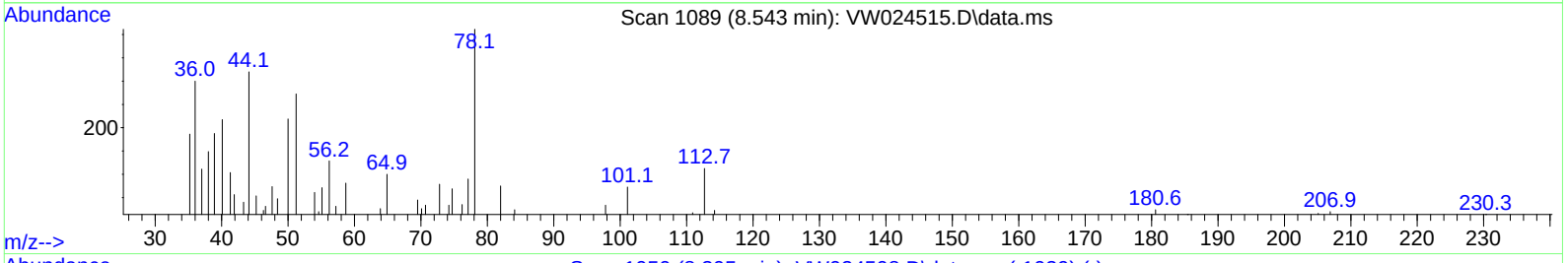

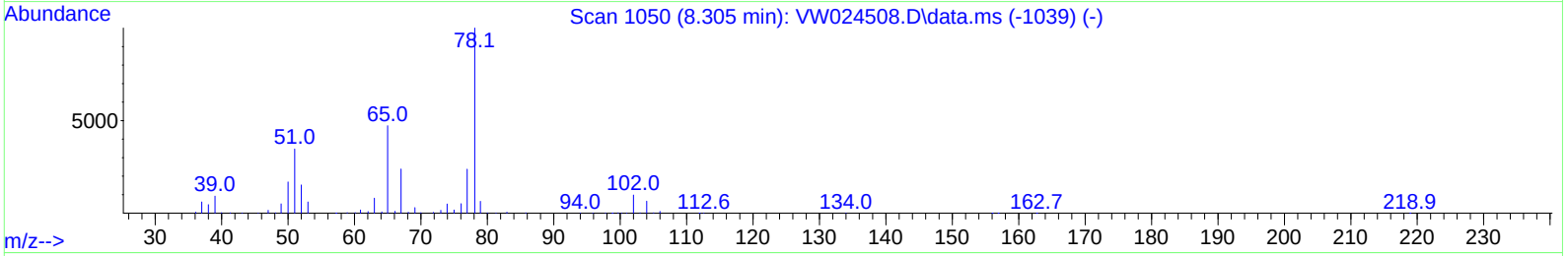

TIC: VW024515.D\data.ms

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

8.543min (+ 0.237) 0.10 ug/L

response 120

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.10	39.17
51.00	96.50	91.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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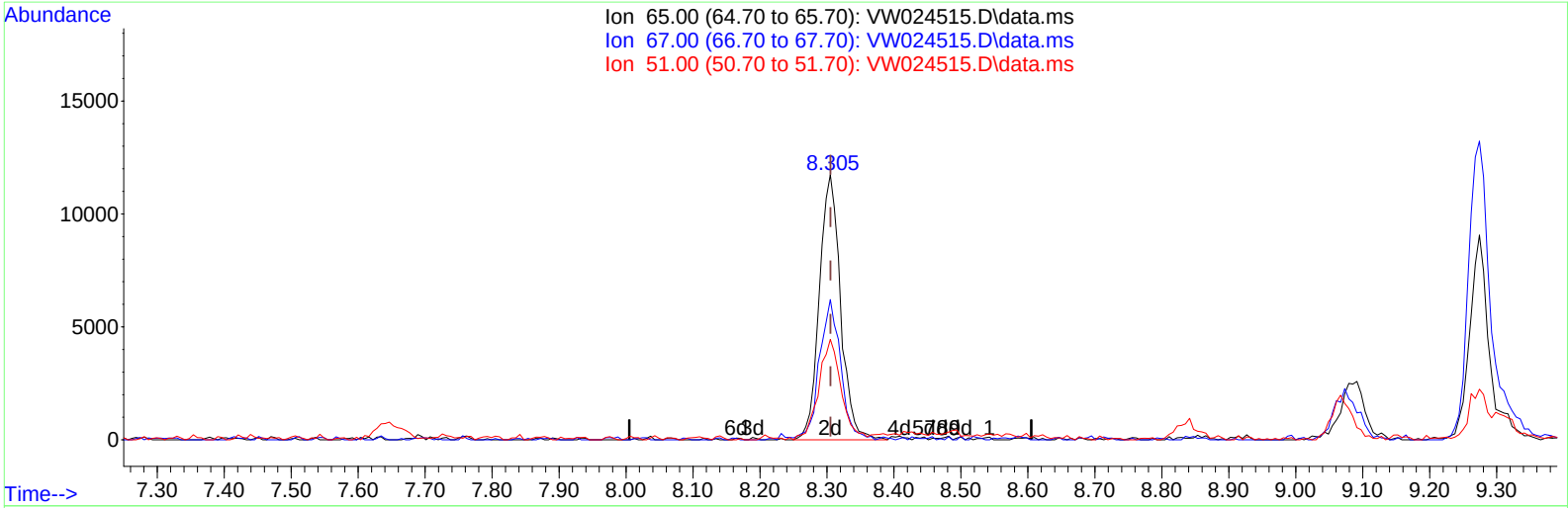

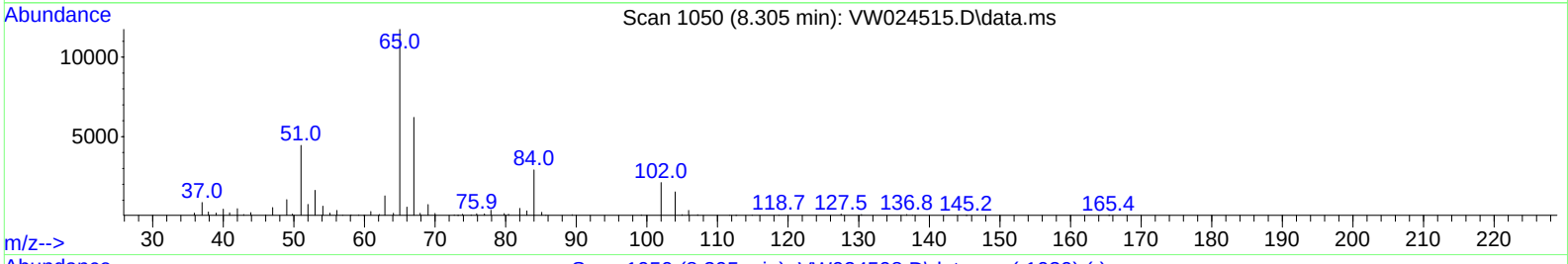

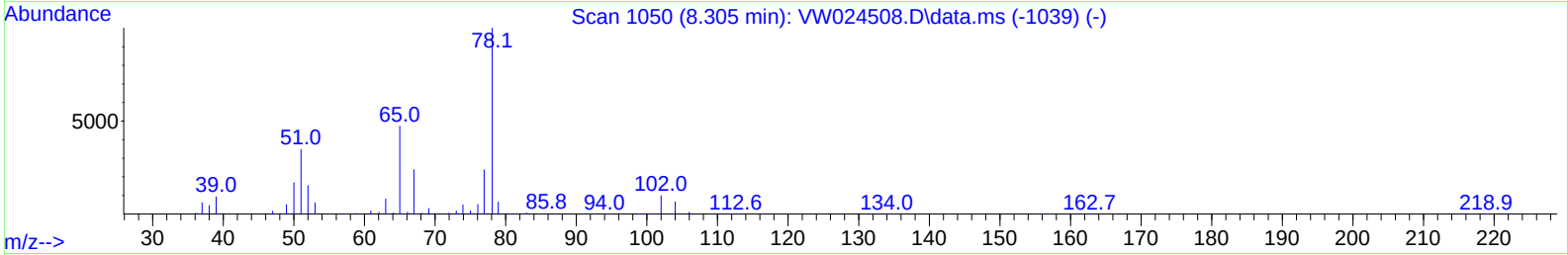

TIC: VW024515.D\data.ms

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

8.305min (-0.000) 21.15 ug/L m

response 25828

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.10	0.18#
51.00	96.50	0.43#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	62623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	40006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47436	27.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.920%			
7) Chloroethane-d5	2.873	69	28239	21.833	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.320%			
11) 1,1-Dichloroethene-d2	4.001	63	32869	21.955	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.800%			
21) 2-Butanone-d5	7.092	46	15524m	48.824	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.640%			
24) Chloroform-d	7.646	84	46612	23.152	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	8.305	65	25828m	21.155	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	8.274	84	79054	34.489	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 137.960%#			
36) 1,2-Dichloropropane-d6	9.274	67	31180	43.740	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 174.960%#			
41) Toluene-d8	10.323	98	57628	26.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.760%			
43) trans-1,3-Dichloroprop...	10.579	79	7429	22.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.080%			
47) 2-Hexanone-d5	10.920	63	8623	54.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.120%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20651	25.587	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	10051	20.737	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.960%			
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	378523	184.778	ug/L	97
13) Acetone	4.123	43	7131	37.581	ug/L	83
14) Carbon disulfide	4.373	76	5137	2.066	ug/L #	83
16) Methylene chloride	4.903	84	5263	5.011	ug/L	82
17) trans-1,2-Dichloroethene	5.421	96	165398	186.808	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	5451933m	5599.483	ug/L	
34) Trichloroethene	9.091	95	281953	429.494	ug/L	96
42) Toluene	10.390	91	11793	4.290	ug/L	92
46) Tetrachloroethene	10.859	164	493	0.967	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.938	105	10332	7.495	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	3012	2.250	ug/L	92

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