

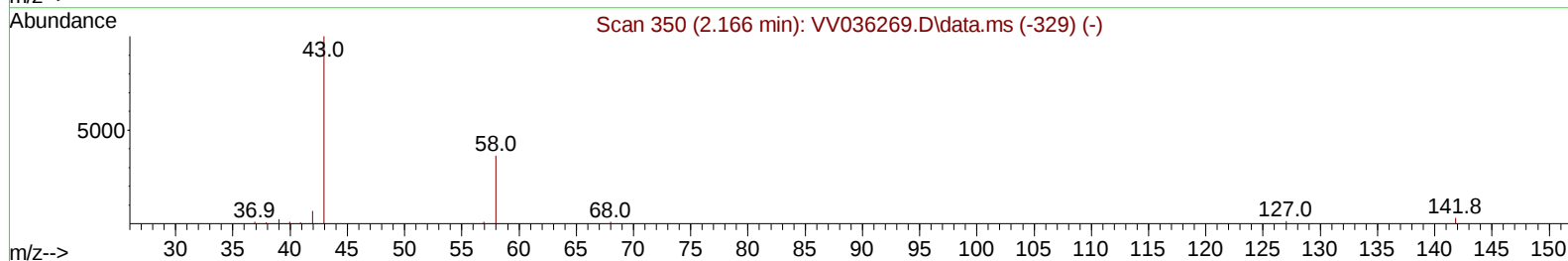
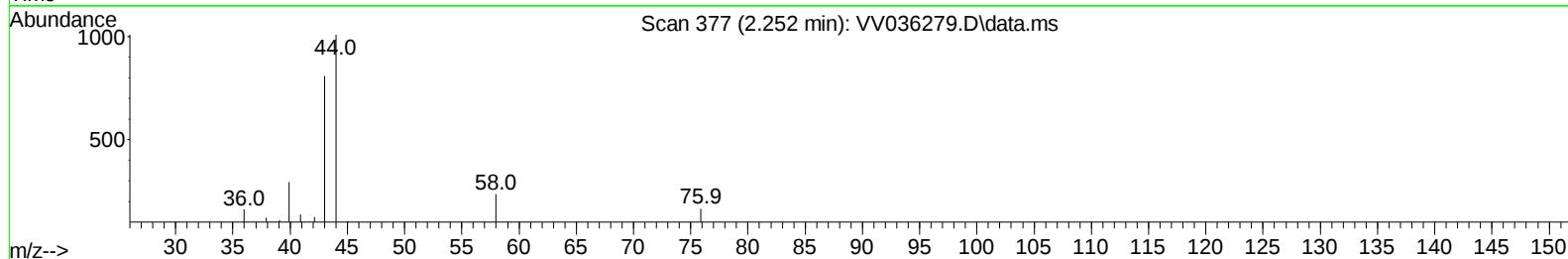
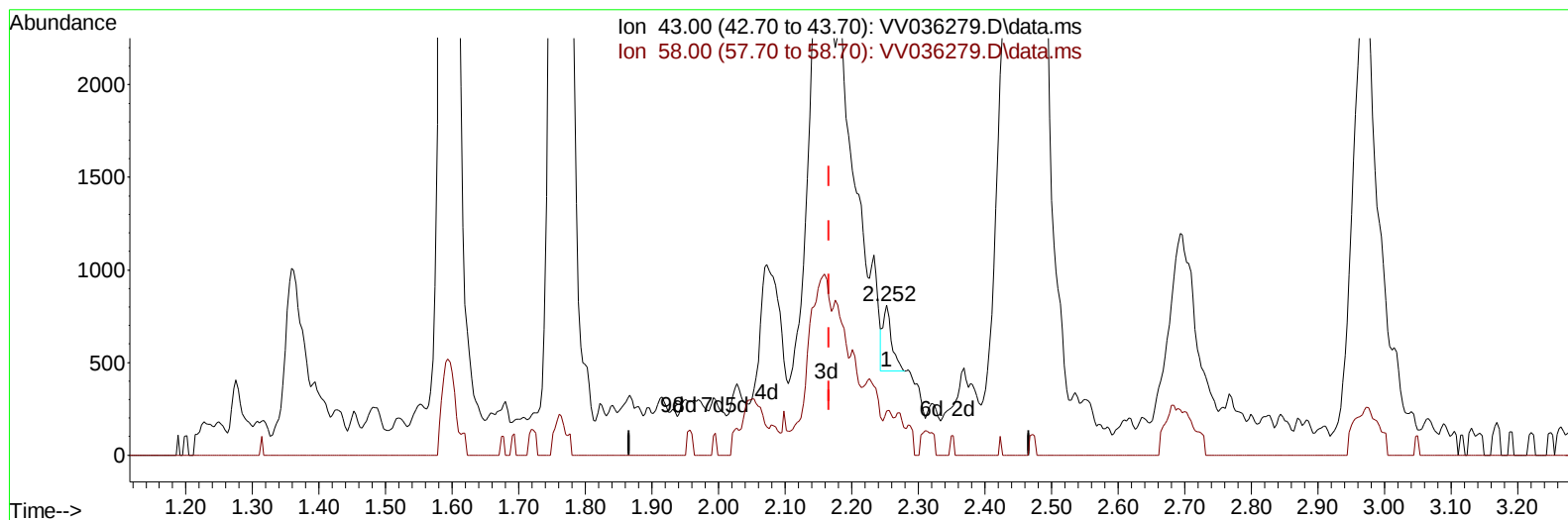
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036279.D
Acq On : 25 Jun 2024 18:42
Operator : SY/MD
Sample : P2962-04
Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T76

Manual IntegrationsAPPROVED

Quant Time: Jun 26 05:47:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:03:41 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



TIC: VV036279.D\data.ms

(13) Acetone (T)

2.252min (+ 0.087) 0.12 ug/L

response 320

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	11.88
0.00	0.00	0.00
0.00	0.00	0.00

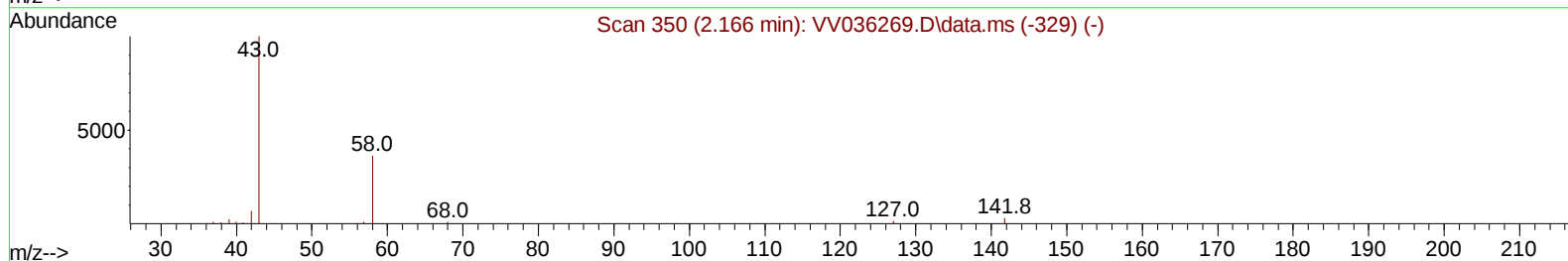
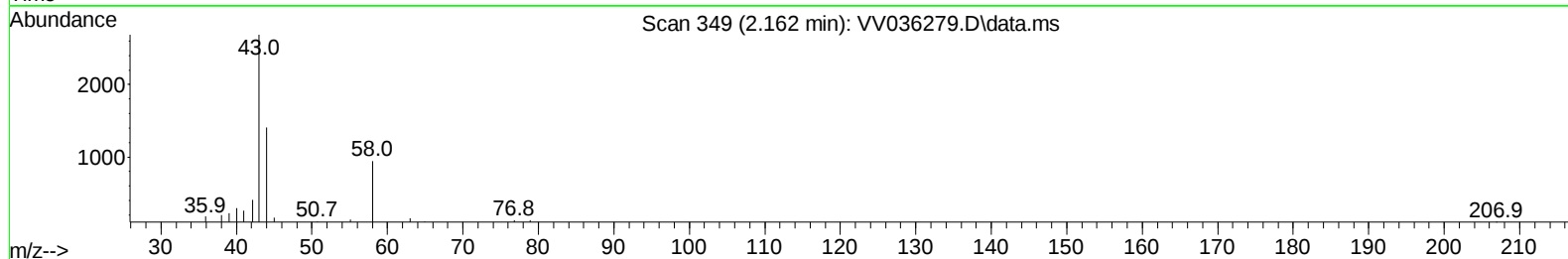
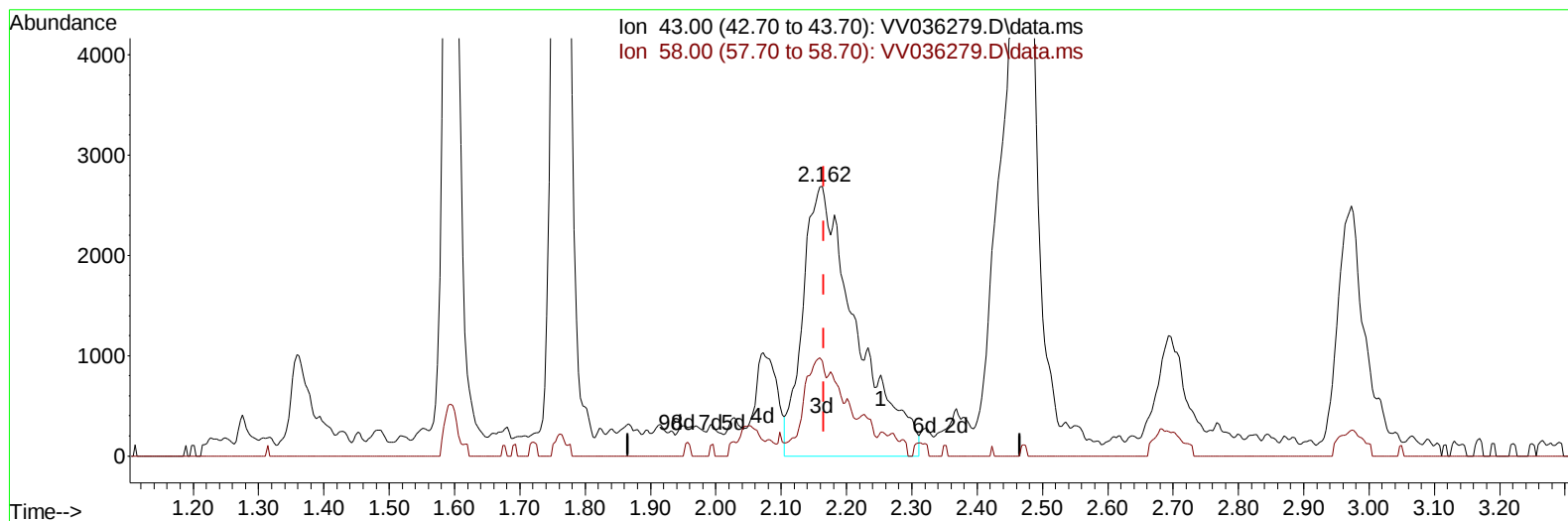
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 Data File : VV036279.D
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Instrument :
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TIC: VV036279.D\data.ms

(13) Acetone (T)

2.162min (-0.003) 5.70 ug/L m

response 15252

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.25
0.00	0.00	0.00
0.00	0.00	0.00

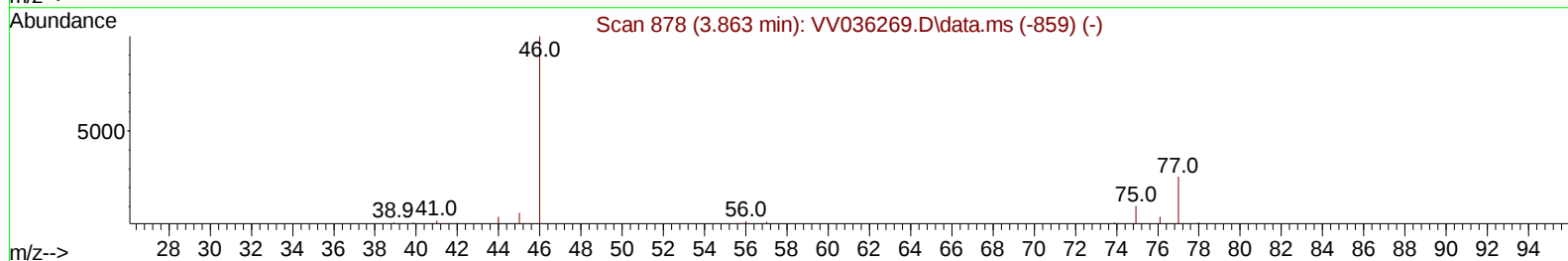
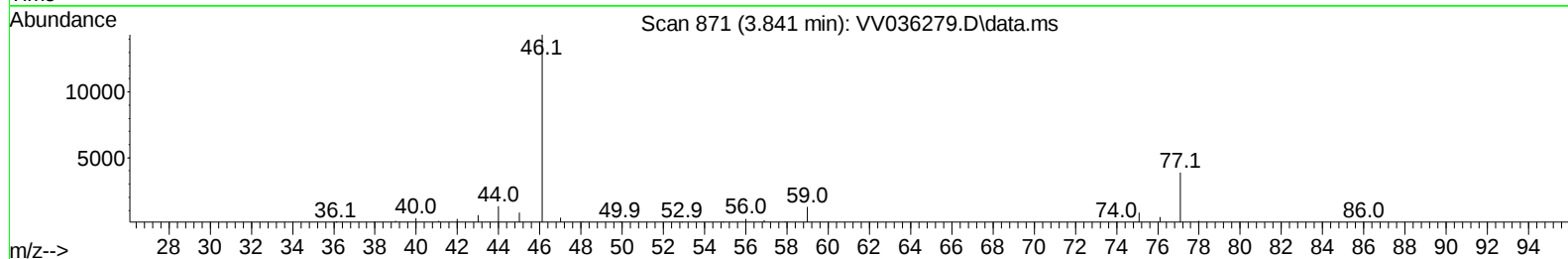
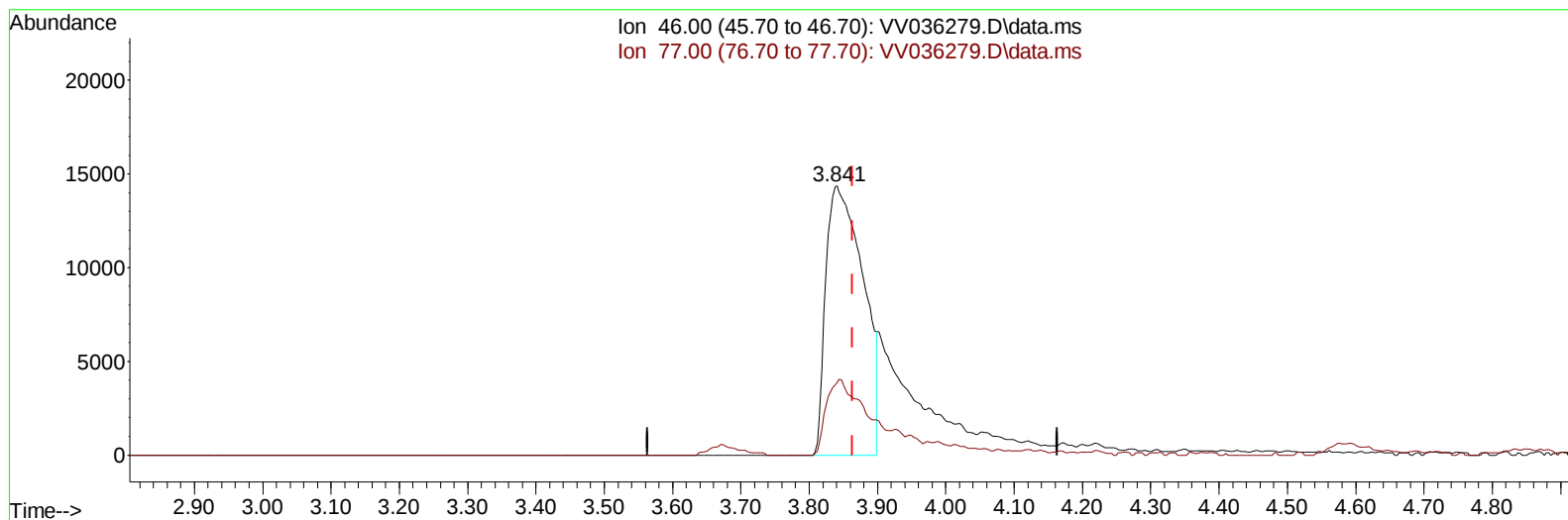
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036279.D
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Instrument :
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TIC: VV036279.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (-0.023) 31.77 ug/L

response 54597

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	26.14#
0.00	0.00	0.00
0.00	0.00	0.00

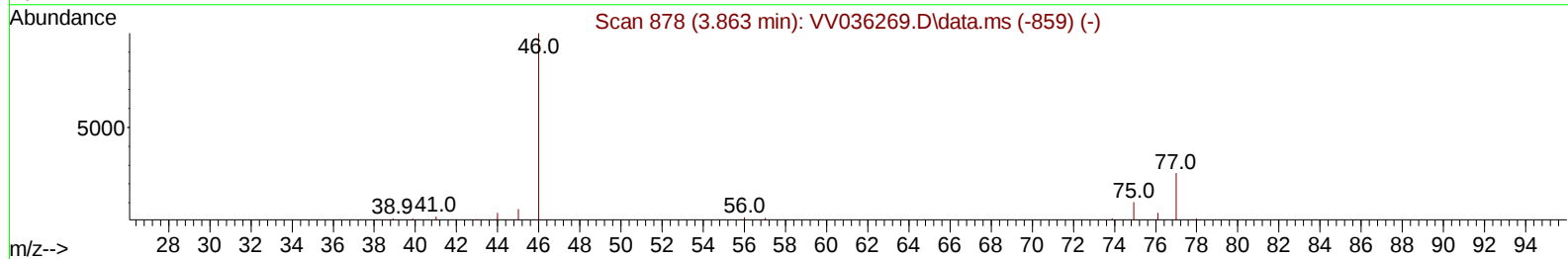
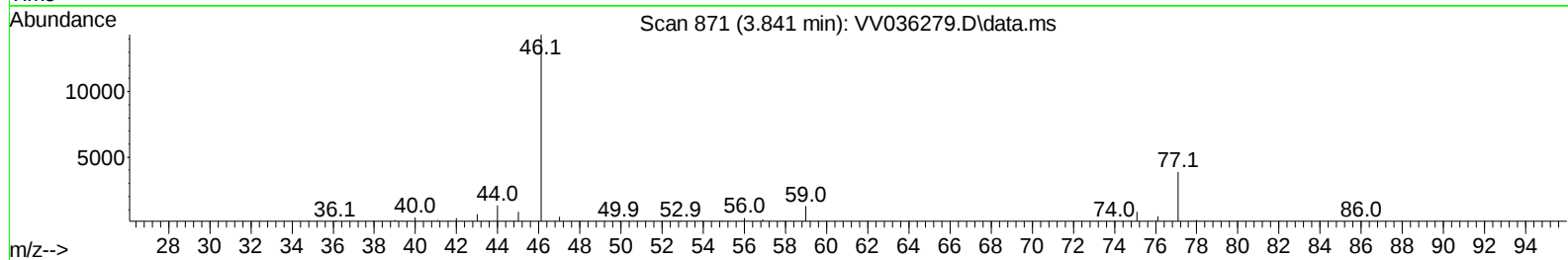
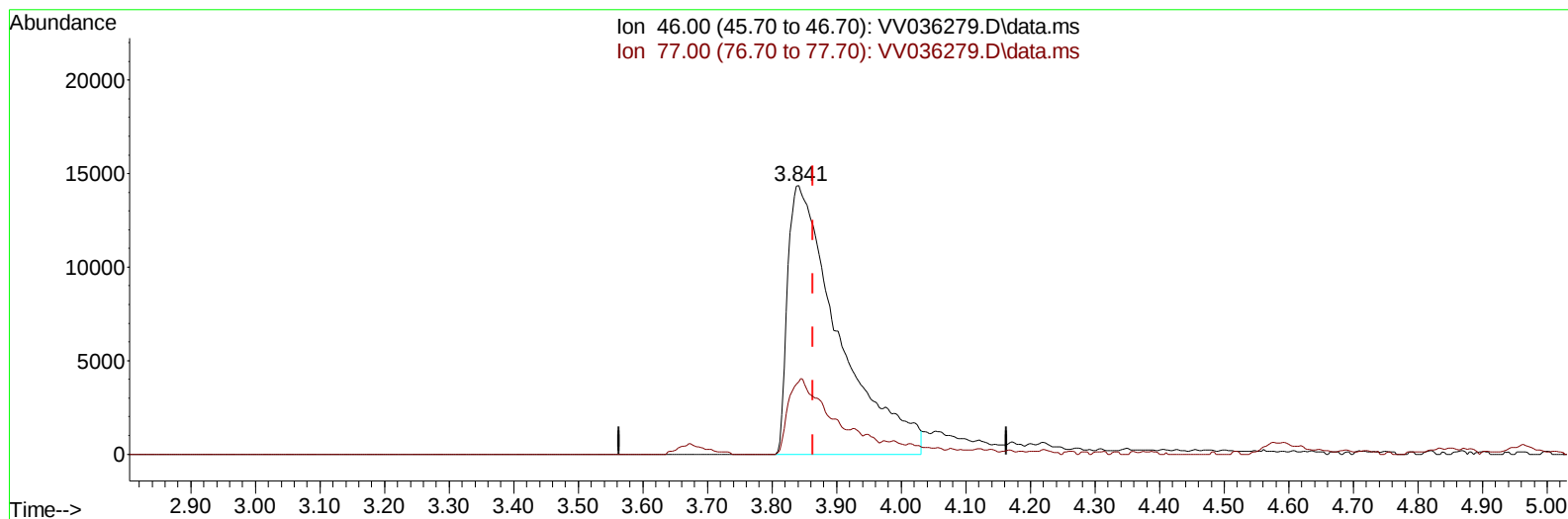
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036279.D
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Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T76

Manual IntegrationsAPPROVED

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TIC: VV036279.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (-0.023) 45.82 ug/L m

response 78746

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	18.12#
0.00	0.00	0.00
0.00	0.00	0.00

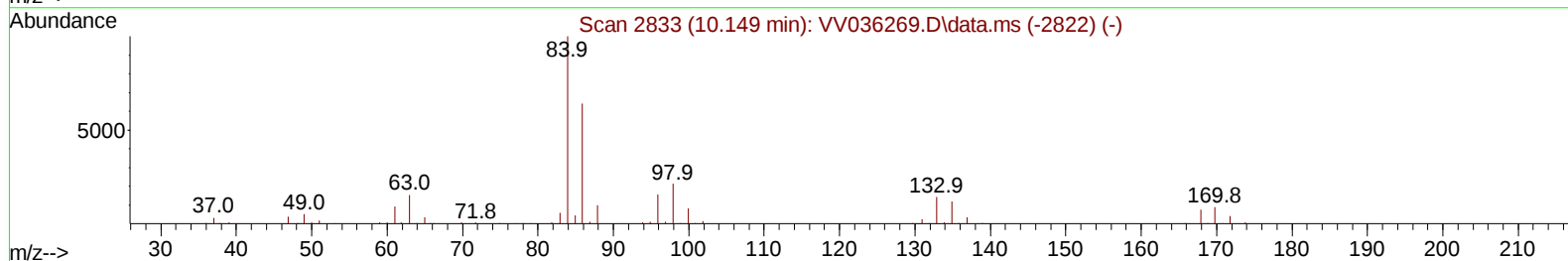
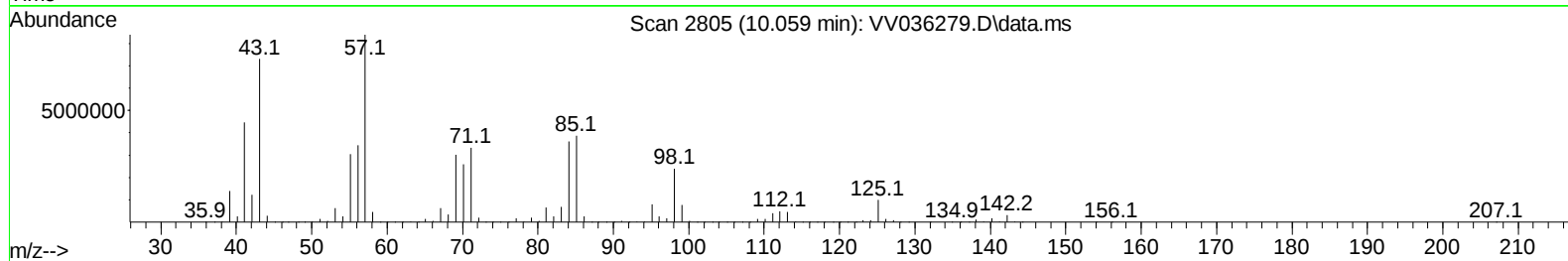
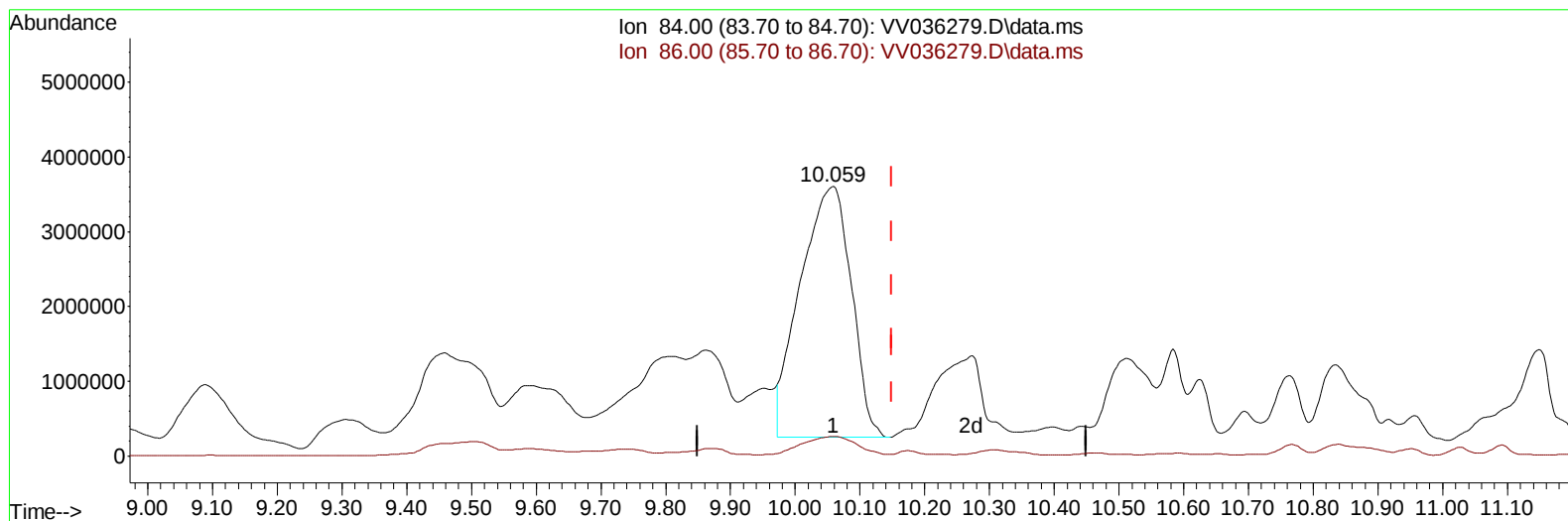
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Instrument :
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TIC: VV036279.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.059min (-0.090) 2530.97 ug/L

response 18315369

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.40	7.54#
0.00	0.00	0.00
0.00	0.00	0.00

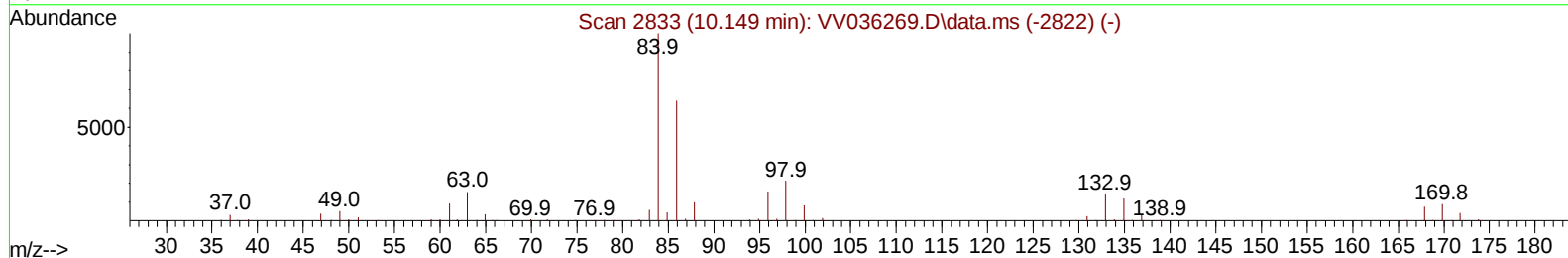
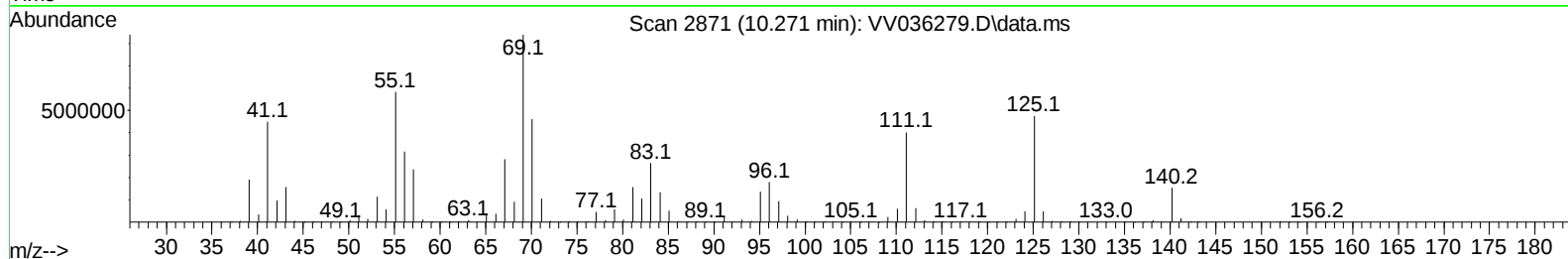
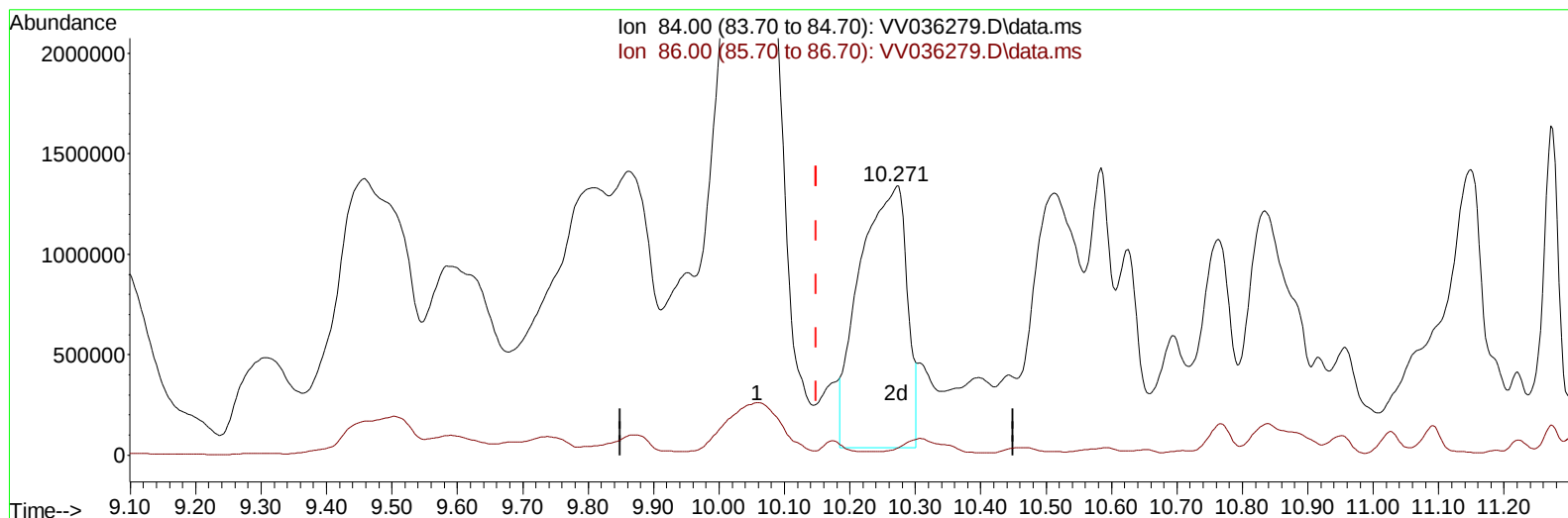
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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TIC: VV036279.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.271min (+ 0.122) 900.43 ug/L m

response 6515999

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.40	21.20#
0.00	0.00	0.00
0.00	0.00	0.00

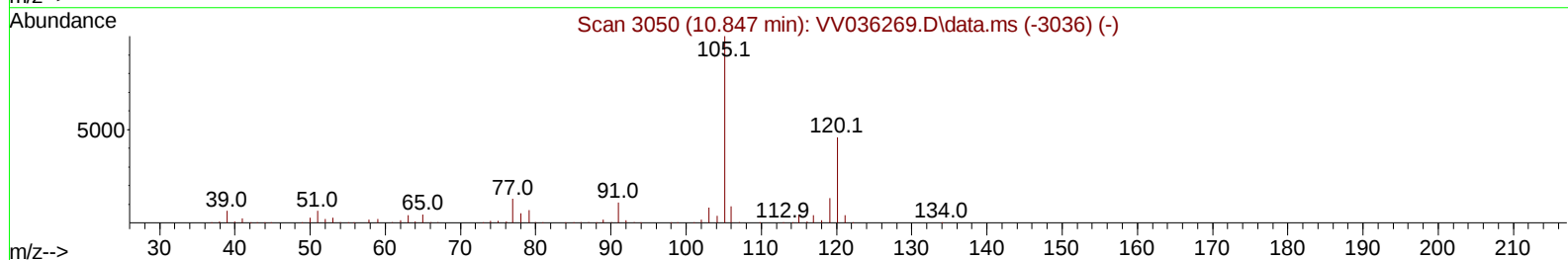
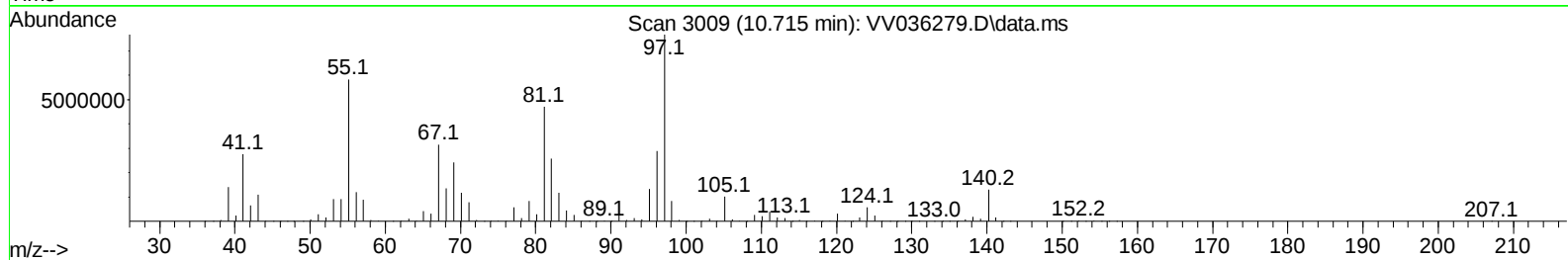
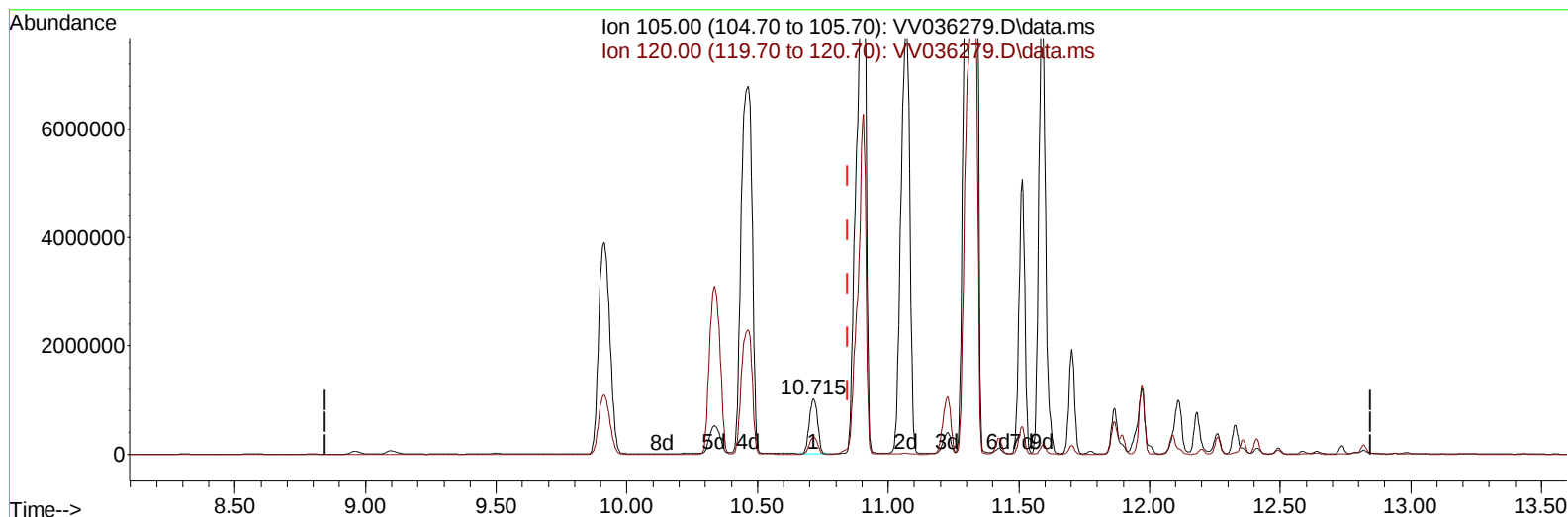
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Instrument :
MSVOA_V
ClientSampleId :
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TIC: VV036279.D\data.ms

(63) 1,2,4-Trimethylbenzene

10.715min (-0.132) 57.57 ug/L

response 2270190

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.30	31.00#
0.00	0.00	0.00
0.00	0.00	0.00

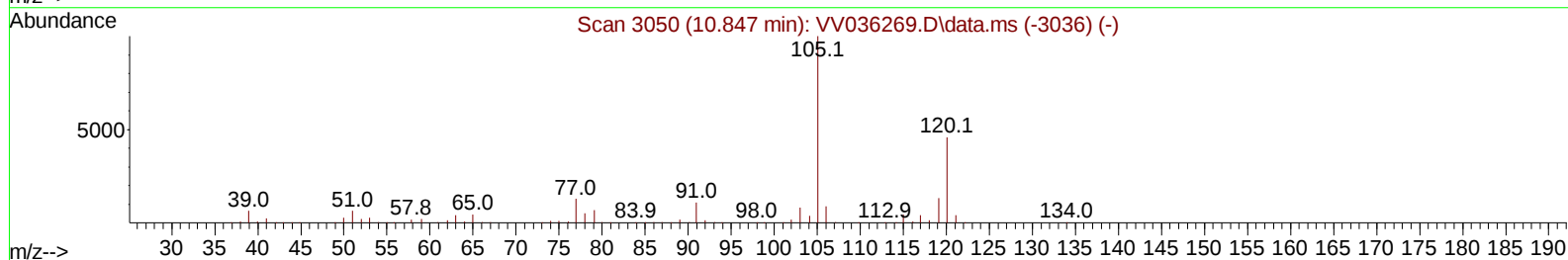
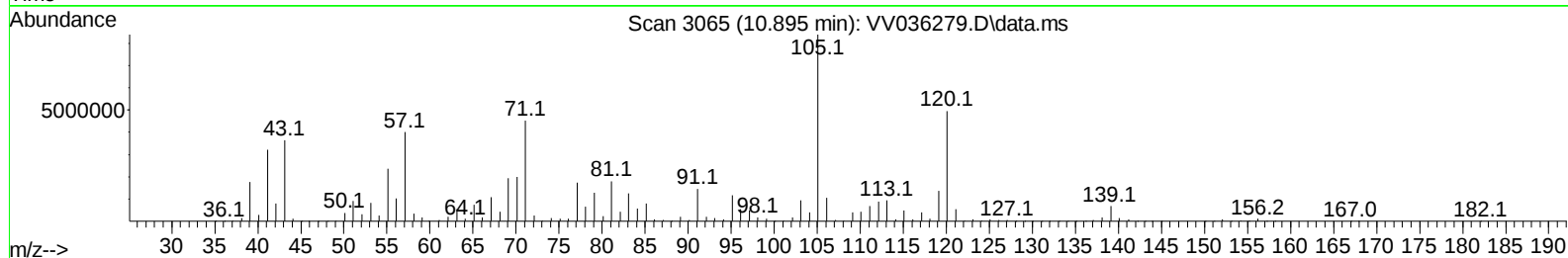
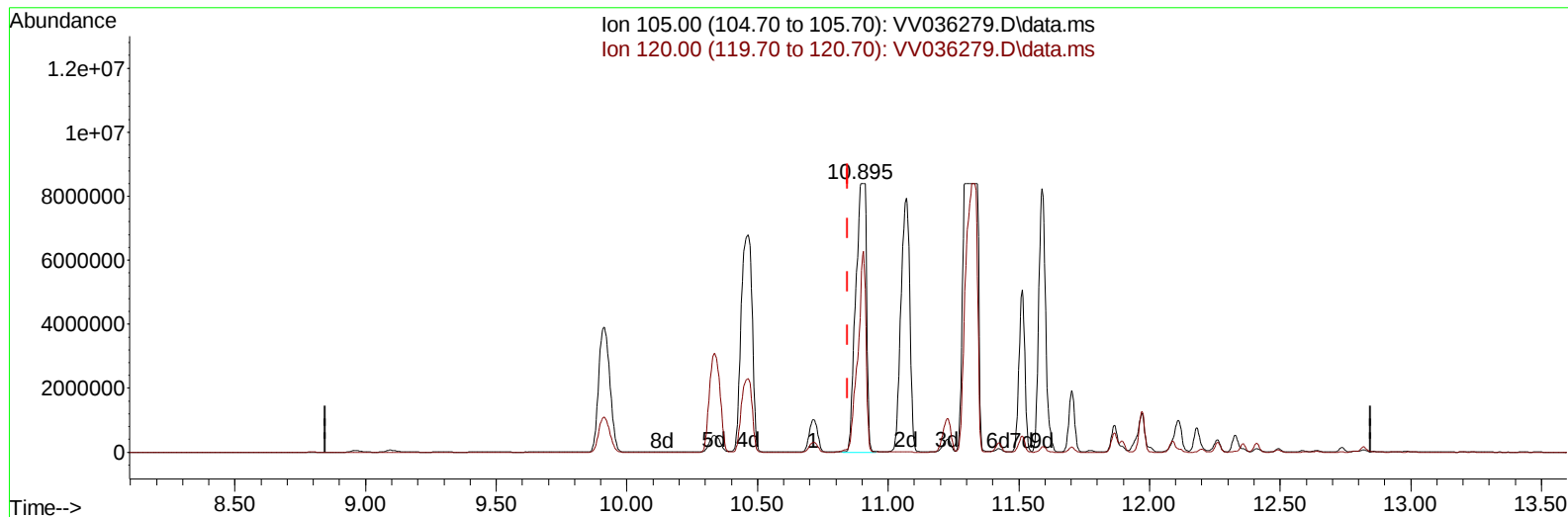
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Data File : VV036279.D
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Operator : SY/MD
Sample : P2962-04
Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T76

Manual IntegrationsAPPROVED

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TIC: VV036279.D\data.ms

(63) 1,2,4-Trimethylbenzene

10.895min (+ 0.048) 617.33 ug/L m

response 24341551

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.30	2.89#
0.00	0.00	0.00
0.00	0.00	0.00

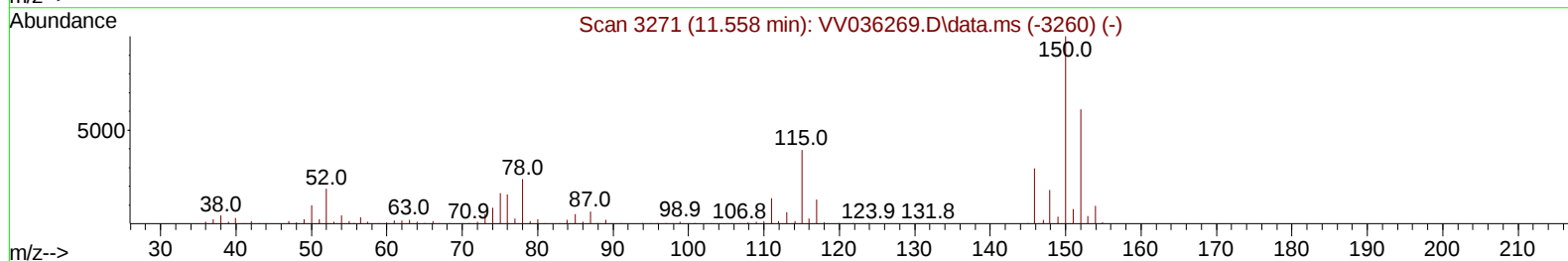
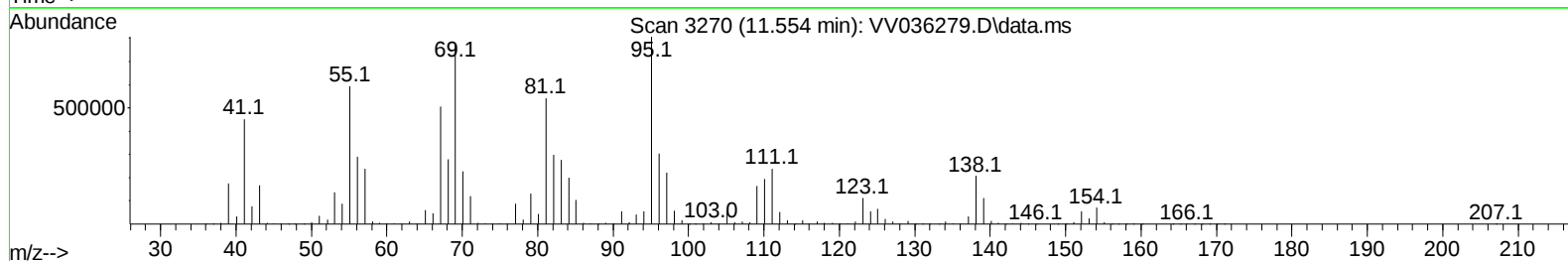
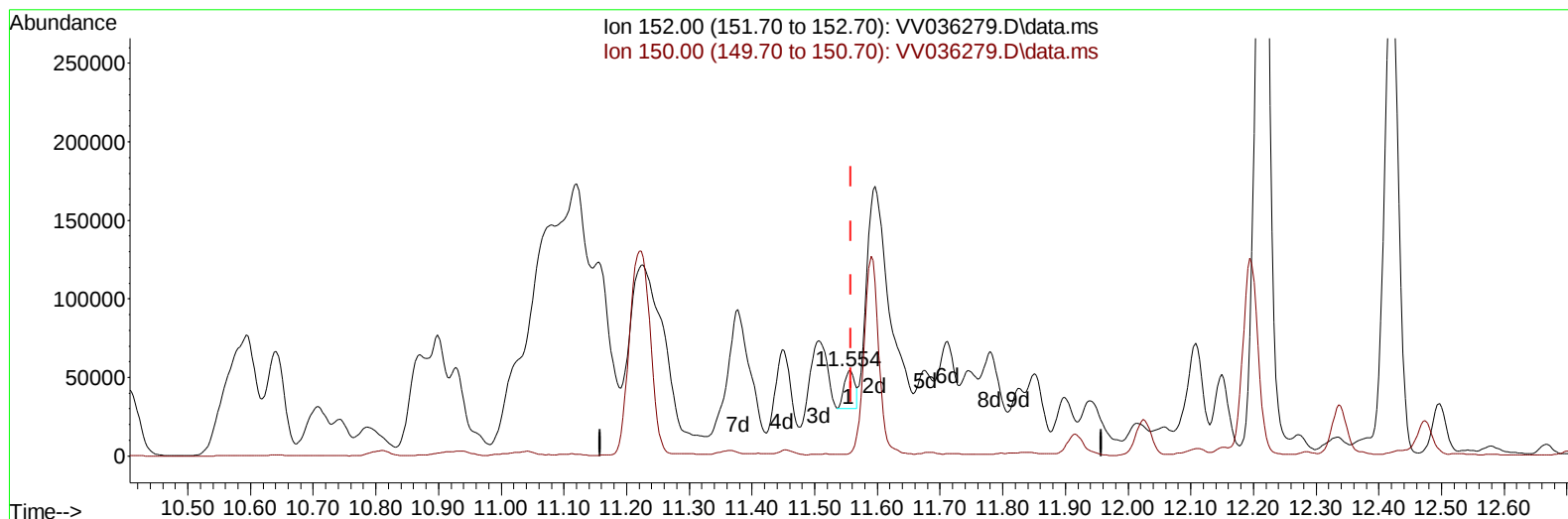
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TIC: VV036279.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.554min (-0.003) 2.02 ug/L

response 29193

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	177.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

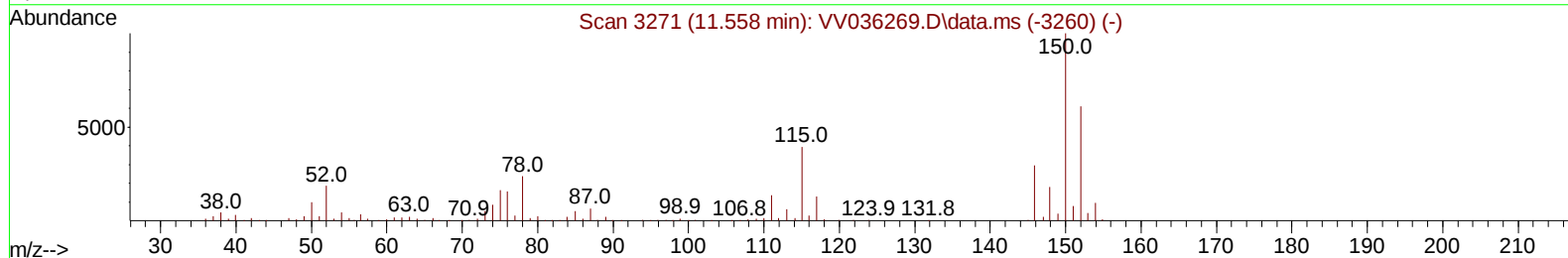
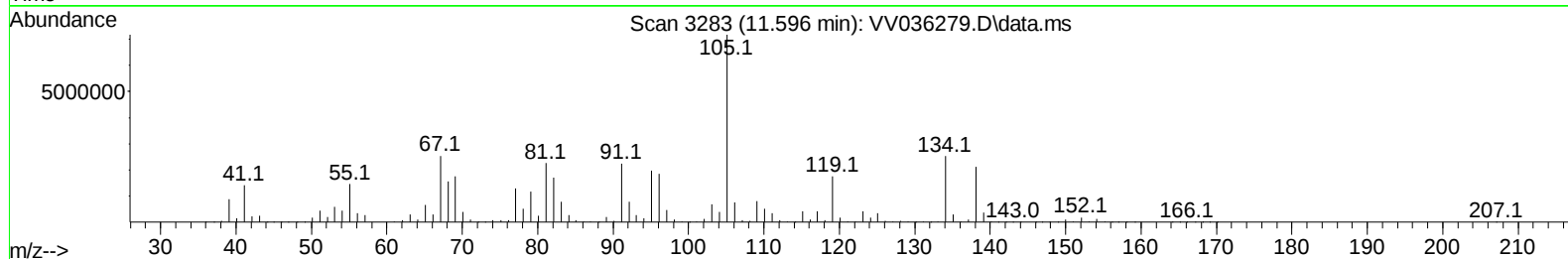
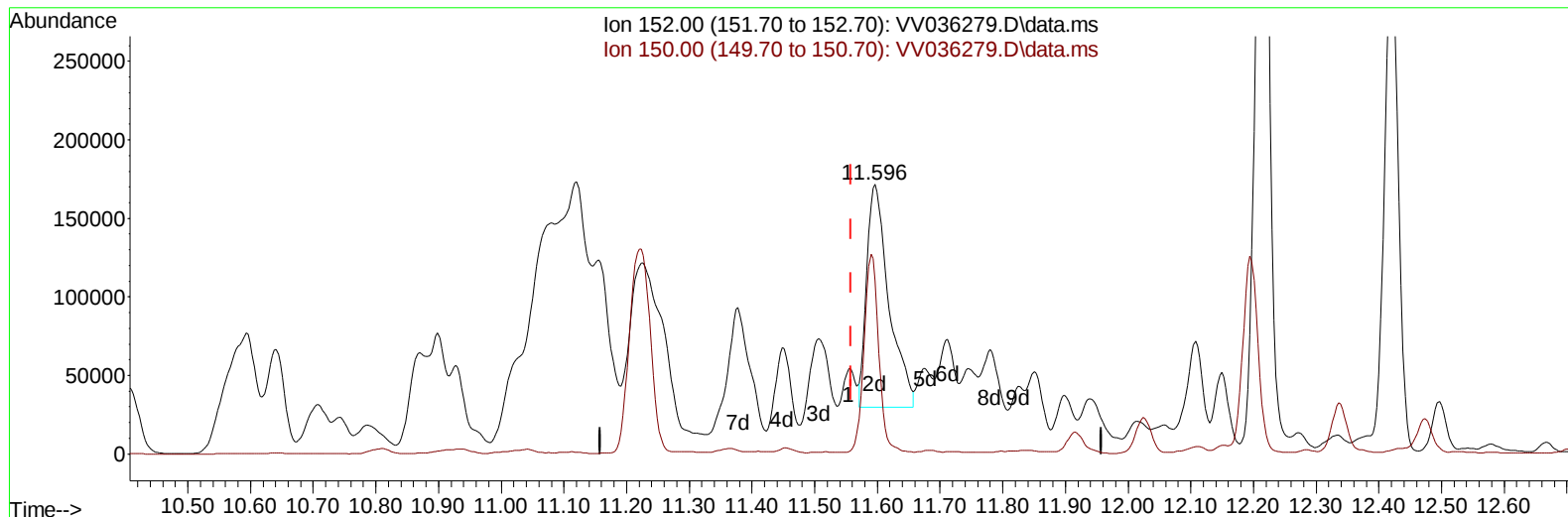
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TIC: VV036279.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.596min (+ 0.039) 24.15 ug/L m

response 348366

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	177.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.535	114		407397	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117		517334	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.223	152		393384	25.000	ug/L	# 0.04
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65		126011	16.824	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	67.280%	
7) Chloroethane-d5	1.529	69		109705	18.369	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	73.480%	
11) 1,1-Dichloroethene-d2	2.053	65		58983	17.689	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery	=	70.760%	
21) 2-Butanone-d5	3.841	46		78746m	45.823	ug/L	-0.02
Spiked Amount 50.000	Range 20	- 135		Recovery	=	91.640%	
24) Chloroform-d	4.249	84		252814	19.519	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery	=	78.080%	
26) 1,2-Dichloroethane-d4	4.944	65		166983	24.589	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery	=	98.360%	
32) Benzene-d6	4.963	84		502454	16.339	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery	=	65.360%	
36) 1,2-Dichloropropane-d6	5.992	67		172557	17.819	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery	=	71.280%	
41) Toluene-d8	7.246	98		608817	22.438	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery	=	89.760%	
43) trans-1,3-Dichloroprop...	7.558	79		129281	32.559	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery	=	130.240%	
47) 2-Hexanone-d5	8.034	63		97349	74.196	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery	=	148.400%#	
56) 1,1,2,2-Tetrachloroeth...	10.271	84		6515999m	900.434	ug/L	0.12
Spiked Amount 25.000	Range 45	- 120		Recovery	=	3601.720%#	
66) 1,2-Dichlorobenzene-d4	11.596	152		348366m	24.149	ug/L	0.04
Spiked Amount 25.000	Range 75	- 120		Recovery	=	96.600%	
Target Compounds							
						Qvalue	
13) Acetone	2.162	43		15252m	5.698	ug/L	
16) Methylene chloride	2.445	84		21888	2.374	ug/L	94
29) Cyclohexane	4.587	56		37970	3.083	ug/L	# 83
35) Methylcyclohexane	6.056	83		641446	44.729	ug/L	93
52) Ethylbenzene	8.960	91		2711291	73.297	ug/L	99
53) m,p-Xylene	9.098	106		359001	25.829	ug/L	65
54) o-Xylene	9.500	106		91897	7.011	ug/L	# 8
60) Isopropylbenzene	9.911	105		11743342	232.685	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105		19939978	544.859	ug/L	# 77
63) 1,2,4-Trimethylbenzene	10.895	105		24341551m	617.330	ug/L	

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

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