

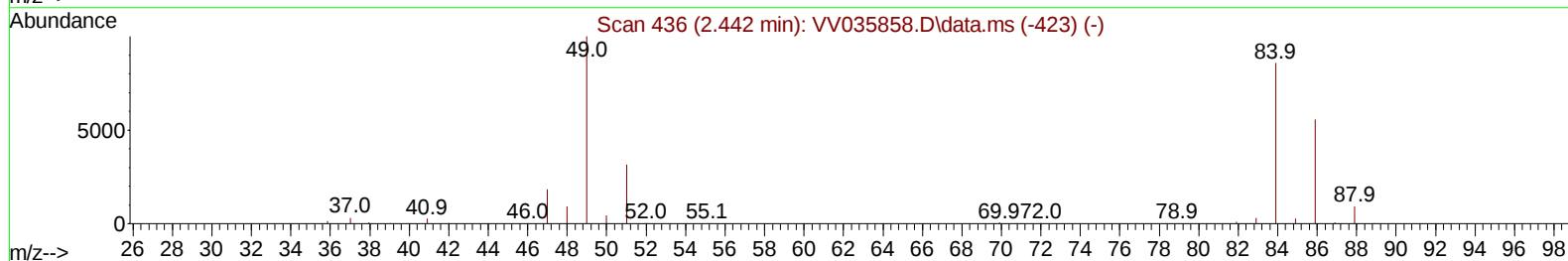
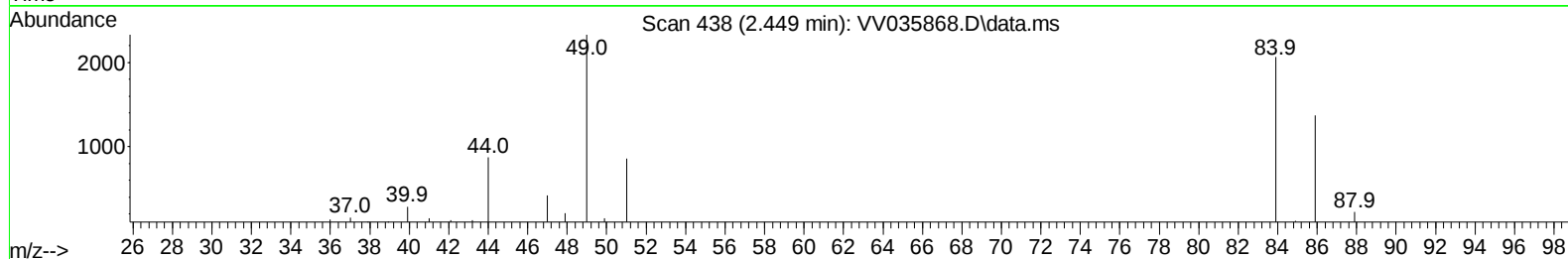
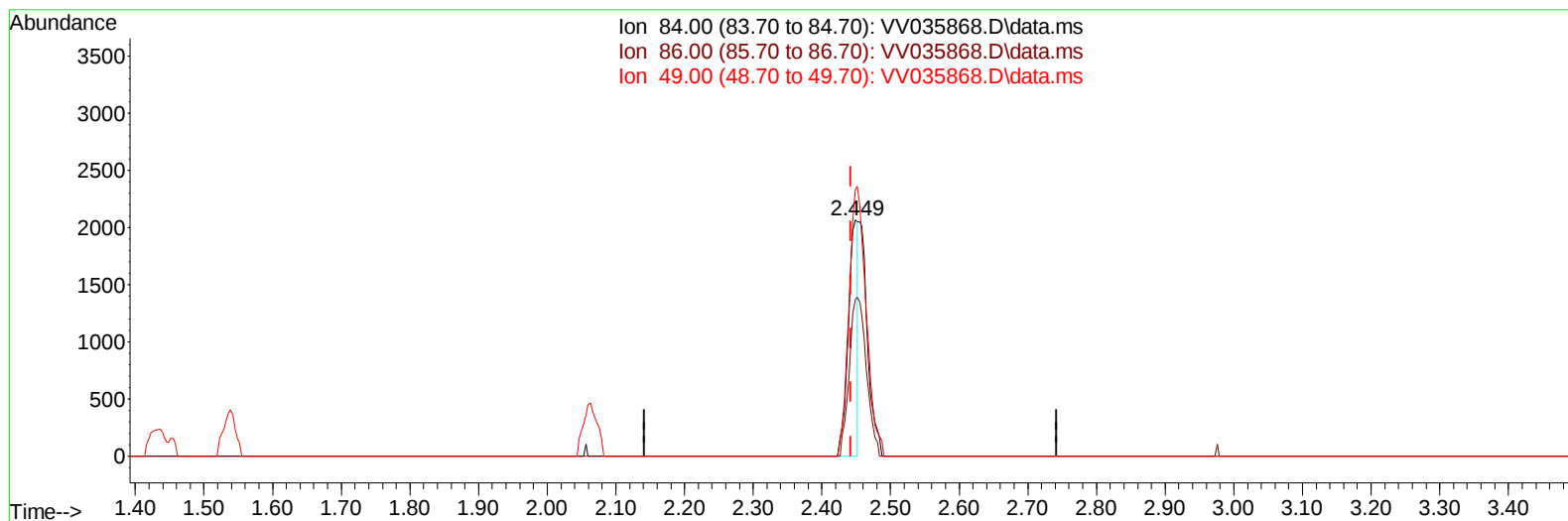
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035868.D
Acq On : 29 May 2024 17:12
Operator : SY/MD
Sample : P2632-14
Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 05/31/2024
Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035868.D\data.ms

(16) Methylene chloride (T)

2.449min (+ 0.006) 3.63 ug/L

response 2043

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.50	66.33
49.00	107.60	112.94
0.00	0.00	0.00

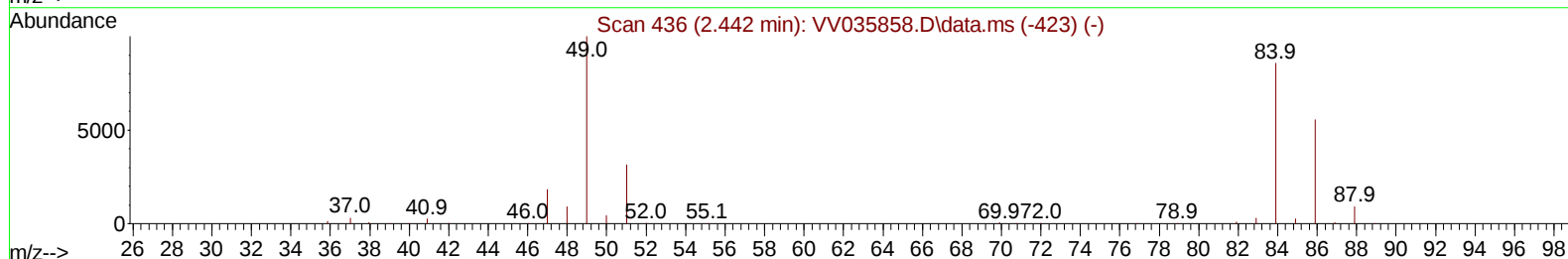
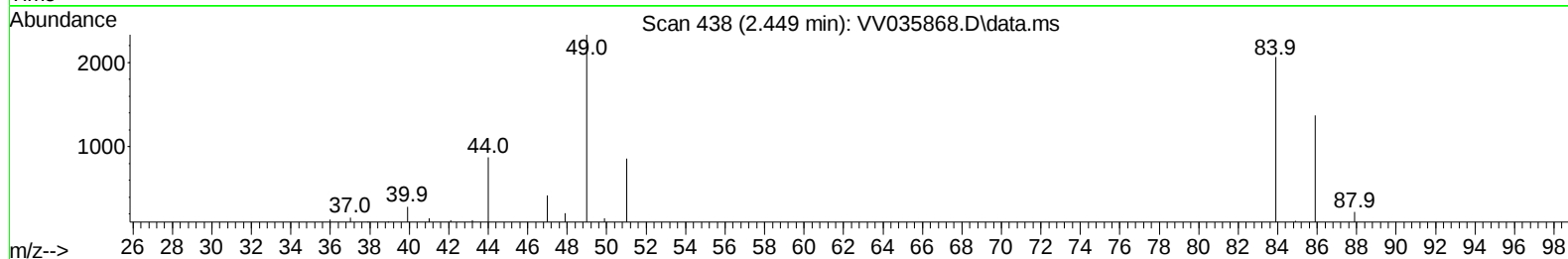
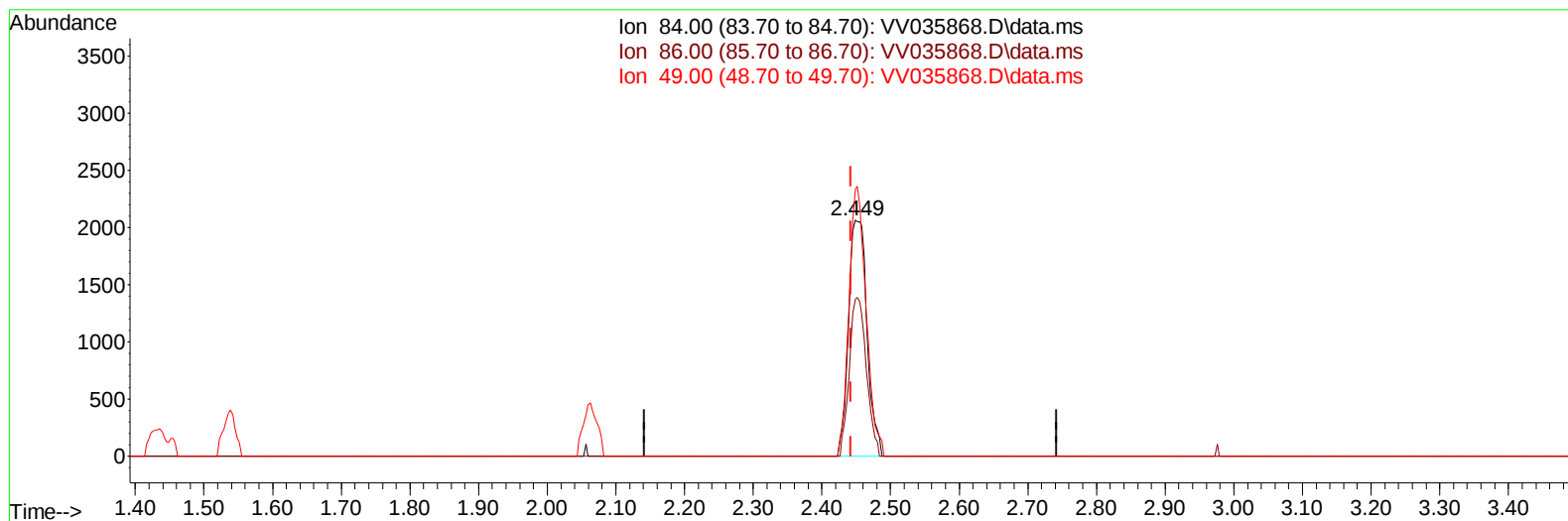
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035868.D
 Acq On : 29 May 2024 17:12
 Operator : SY/MD
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBY0

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:54 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
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Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035868.D\data.ms

(16) Methylene chloride (T)

2.449min (+ 0.006) 6.85 ug/L m

response 3861

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.50	66.33
49.00	107.60	112.94
0.00	0.00	0.00

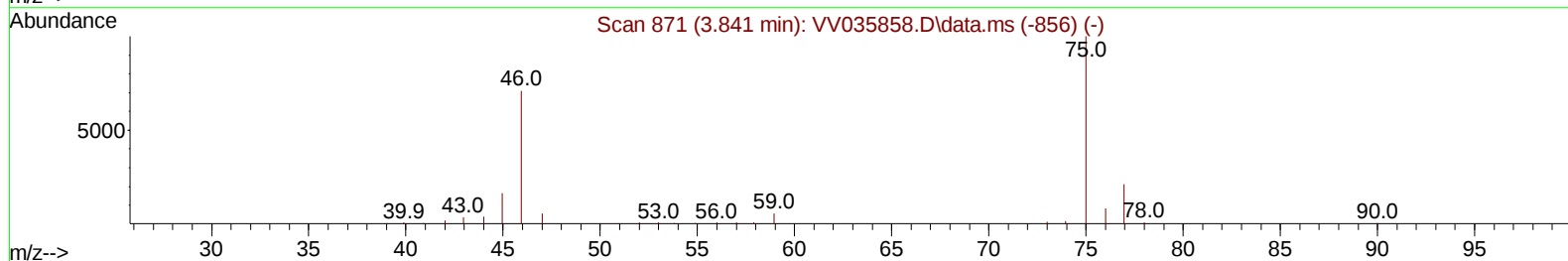
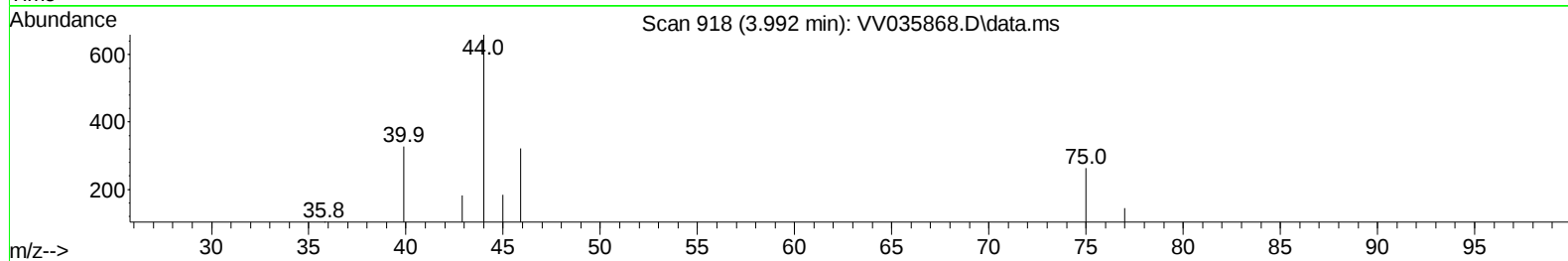
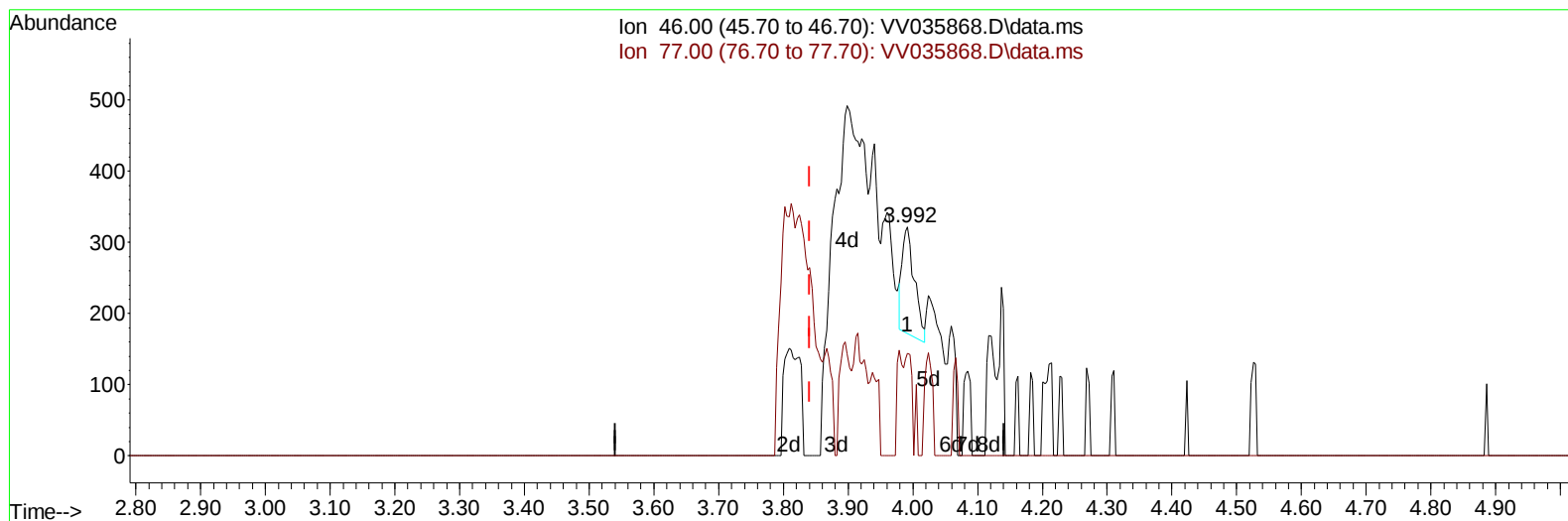
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Data File : VV035868.D
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MSVOA_V
ClientSampleId :
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TIC: VV035868.D\data.ms

(21) 2-Butanone-d5 (S)

3.992min (+ 0.151) 1.81 ug/L

response 194

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	9.79
0.00	0.00	0.00
0.00	0.00	0.00

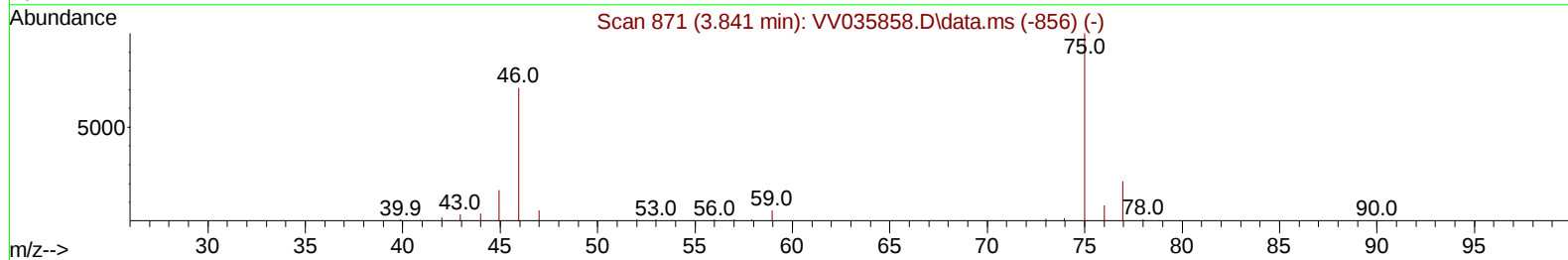
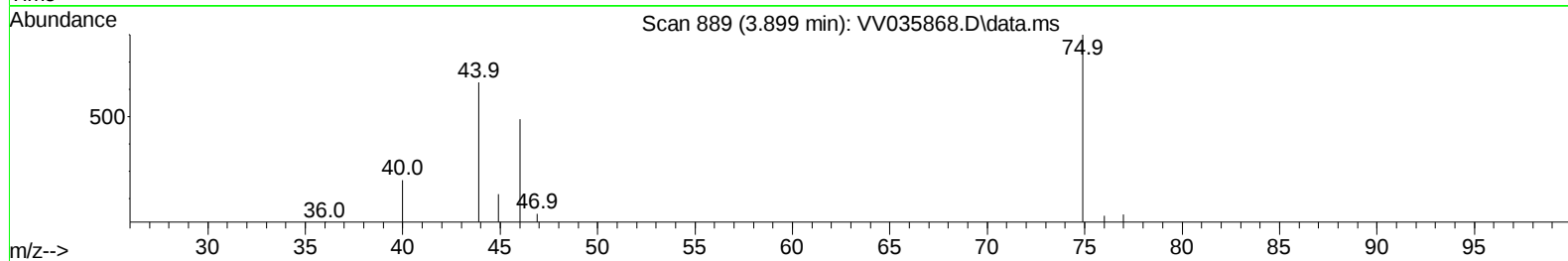
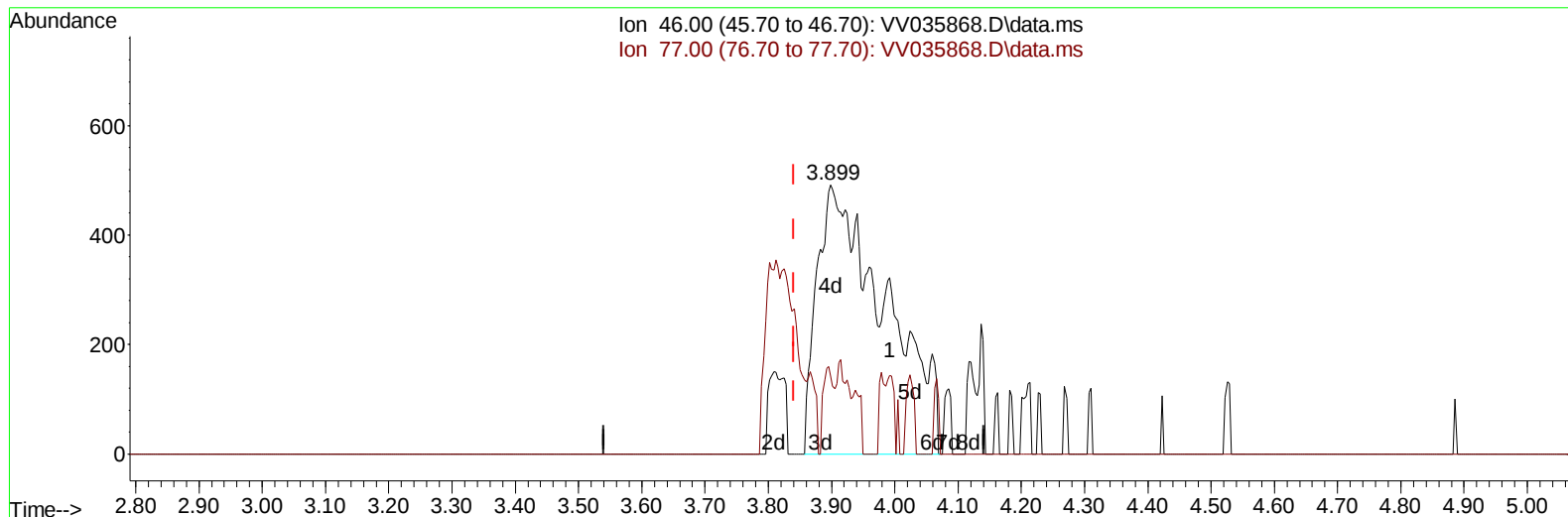
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035868.D
 Acq On : 29 May 2024 17:12
 Operator : SY/MD
 Sample : P2632-14
 Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBY0

Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
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Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035868.D\data.ms

(21) 2-Butanone-d5 (S)

3.899min (+ 0.058) 34.32 ug/L m

response 3678

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	0.52#
0.00	0.00	0.00
0.00	0.00	0.00

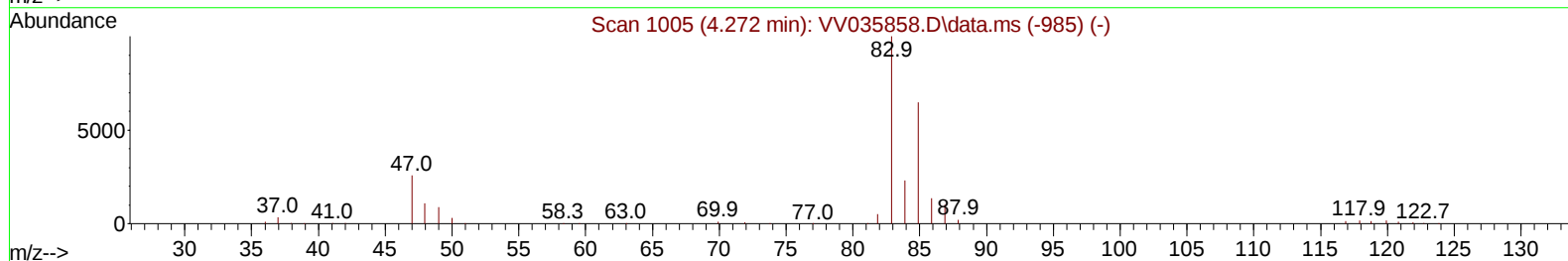
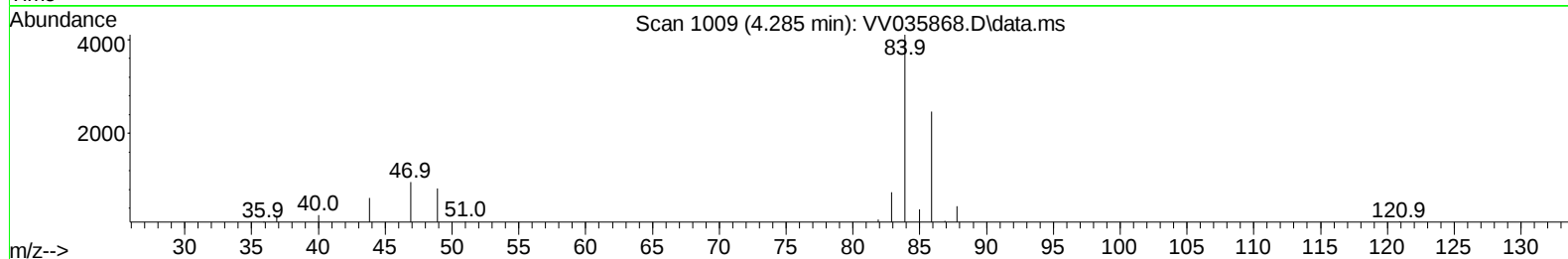
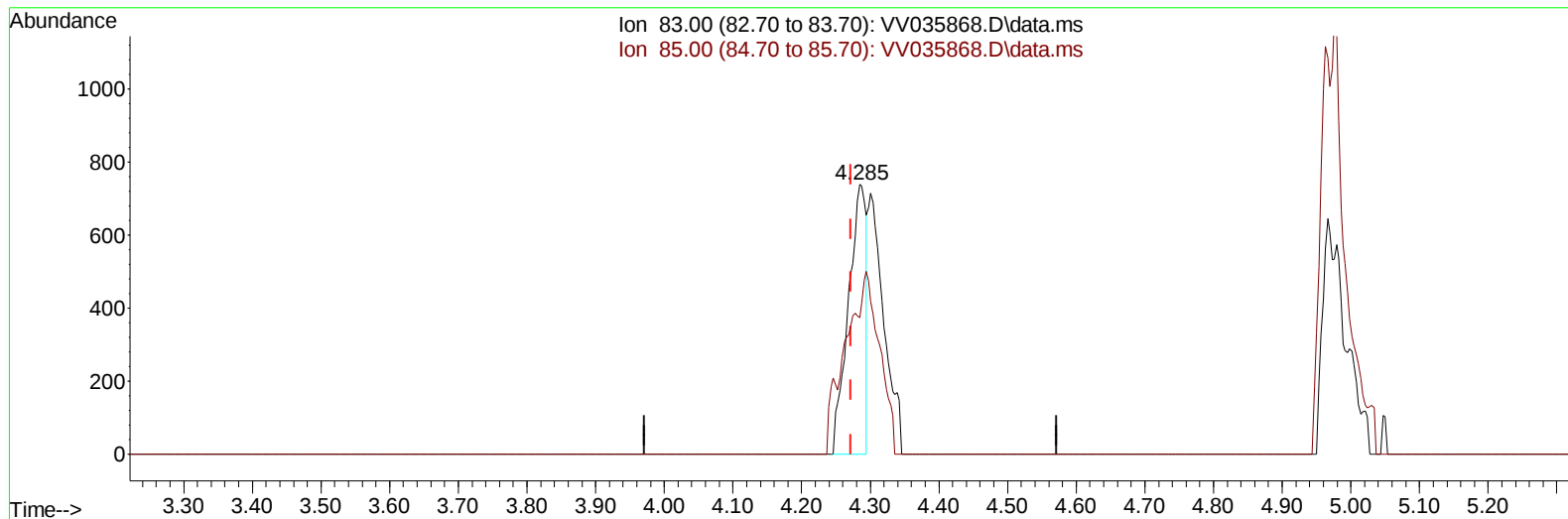
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Data File : VV035868.D
Acq On : 29 May 2024 17:12
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Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

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TIC: VV035868.D\data.ms

(25) Chloroform (T)

4.285min (+ 0.013) 1.60 ug/L

response 1318

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.80	50.54
0.00	0.00	0.00
0.00	0.00	0.00

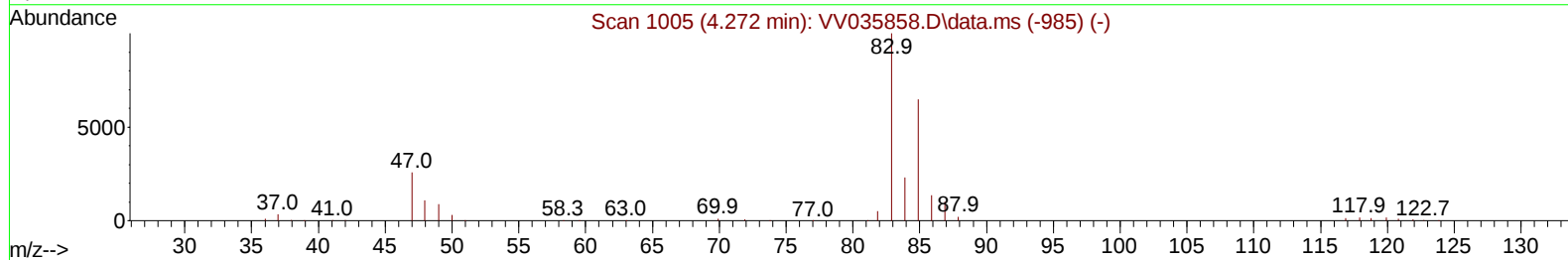
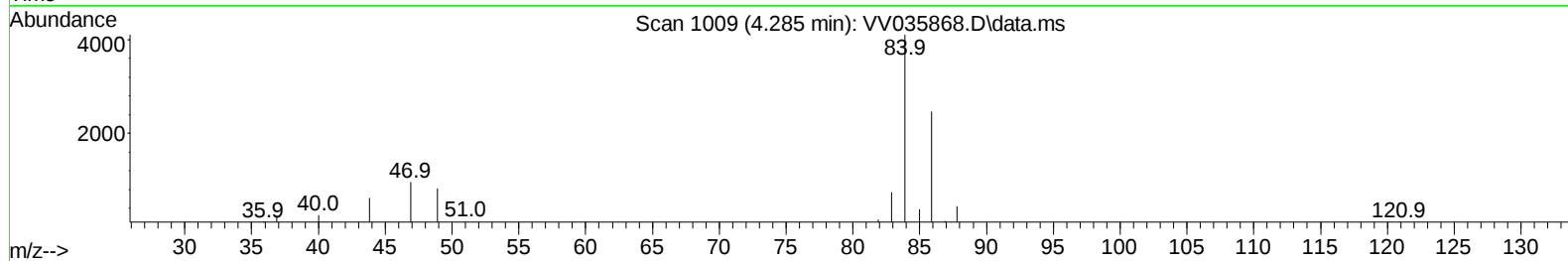
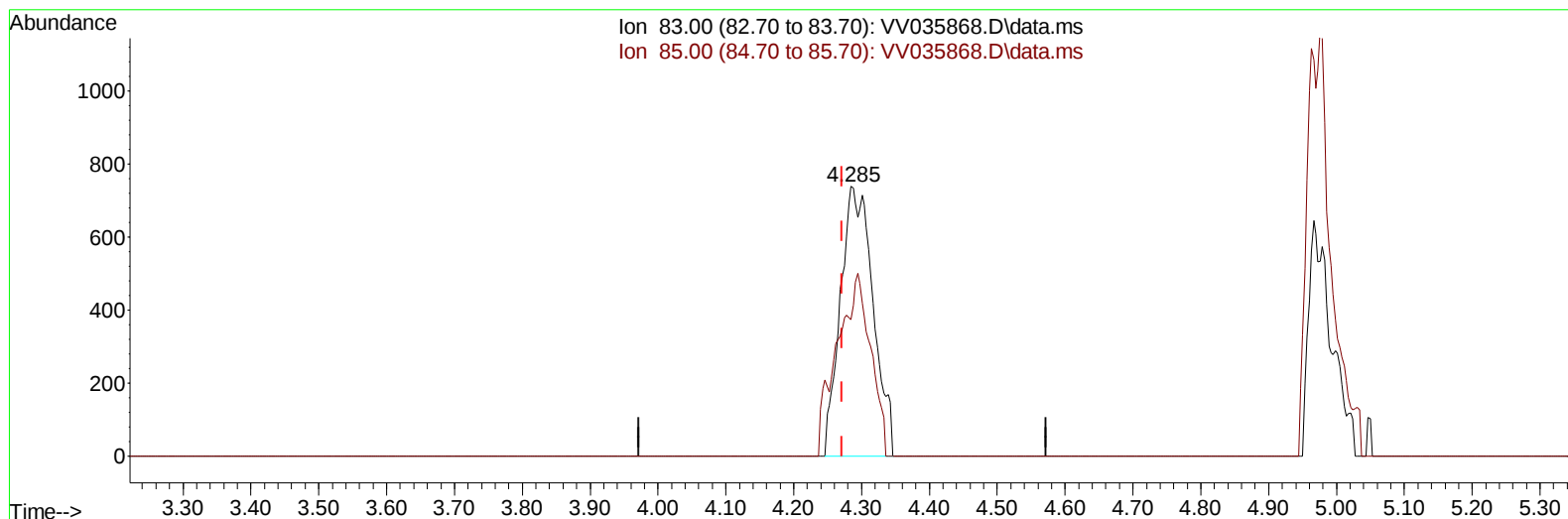
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Data File : VV035868.D
Acq On : 29 May 2024 17:12
Operator : SY/MD
Sample : P2632-14
Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:19:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration



TIC: VV035868.D\data.ms

(25) Chloroform (T)

4.285min (+ 0.013) 2.99 ug/L m

response 2463

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.80	50.54
0.00	0.00	0.00
0.00	0.00	0.00

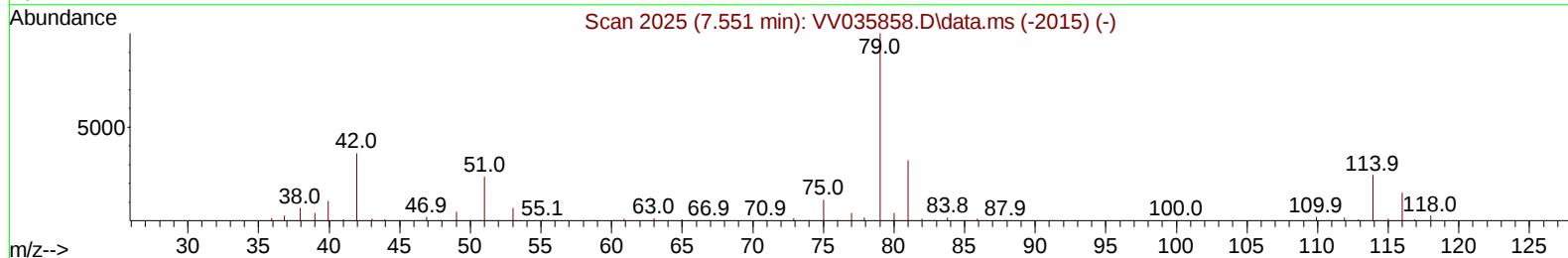
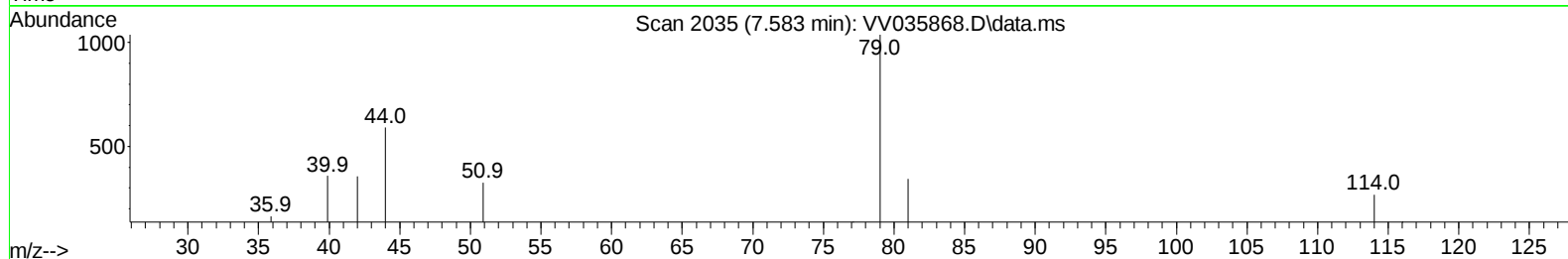
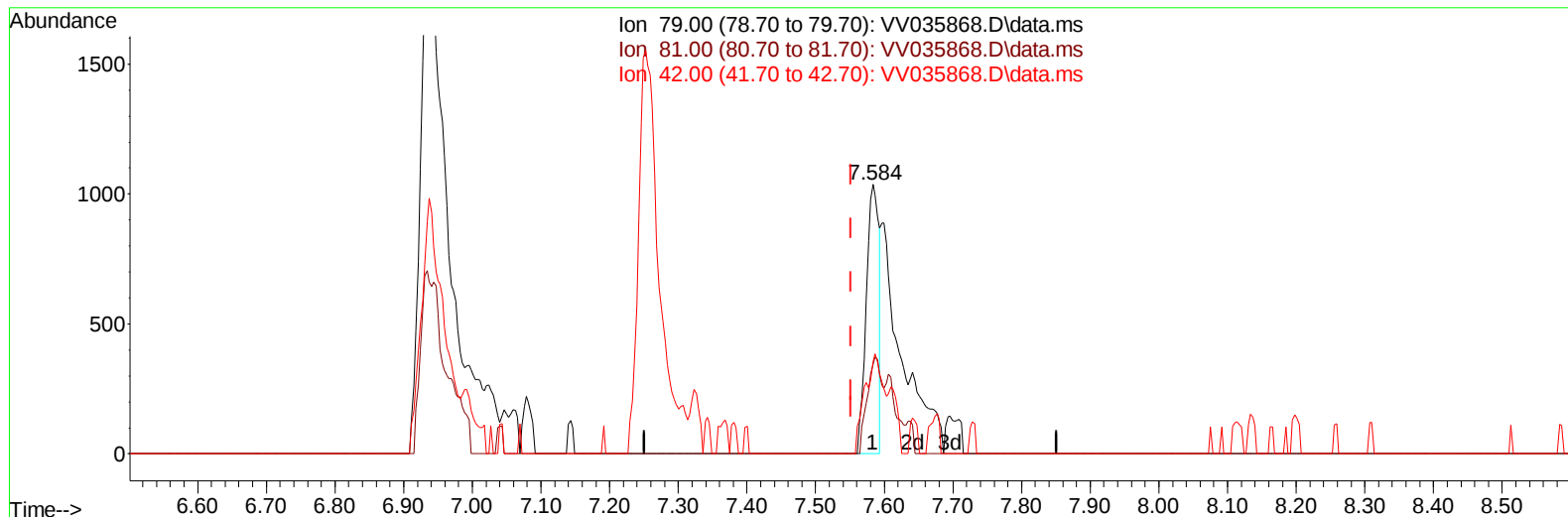
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Data File : VV035868.D
Acq On : 29 May 2024 17:12
Operator : SY/MD
Sample : P2632-14
Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

Manual IntegrationsAPPROVED

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TIC: VV035868.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.583min (+ 0.032) 8.33 ug/L

response 1333

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.30	41.94
42.00	33.30	35.18
0.00	0.00	0.00

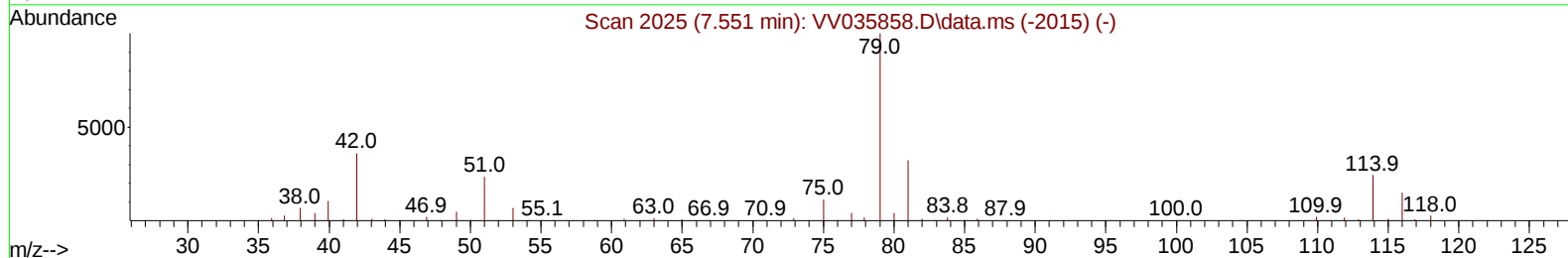
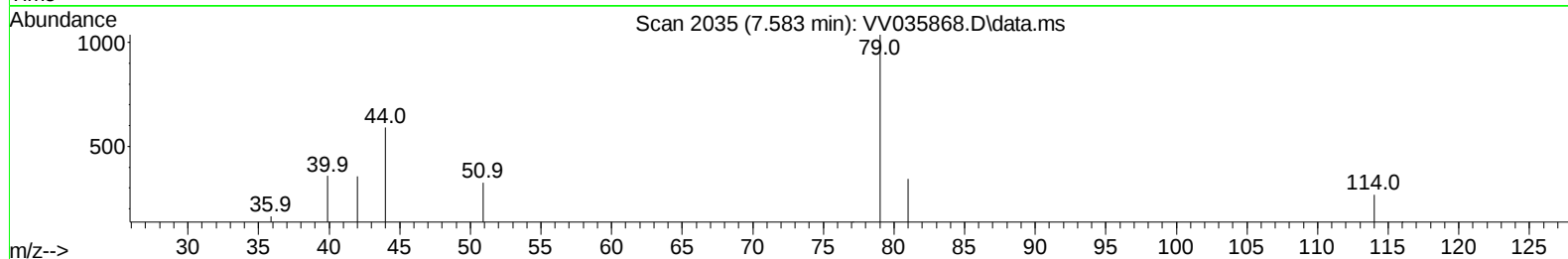
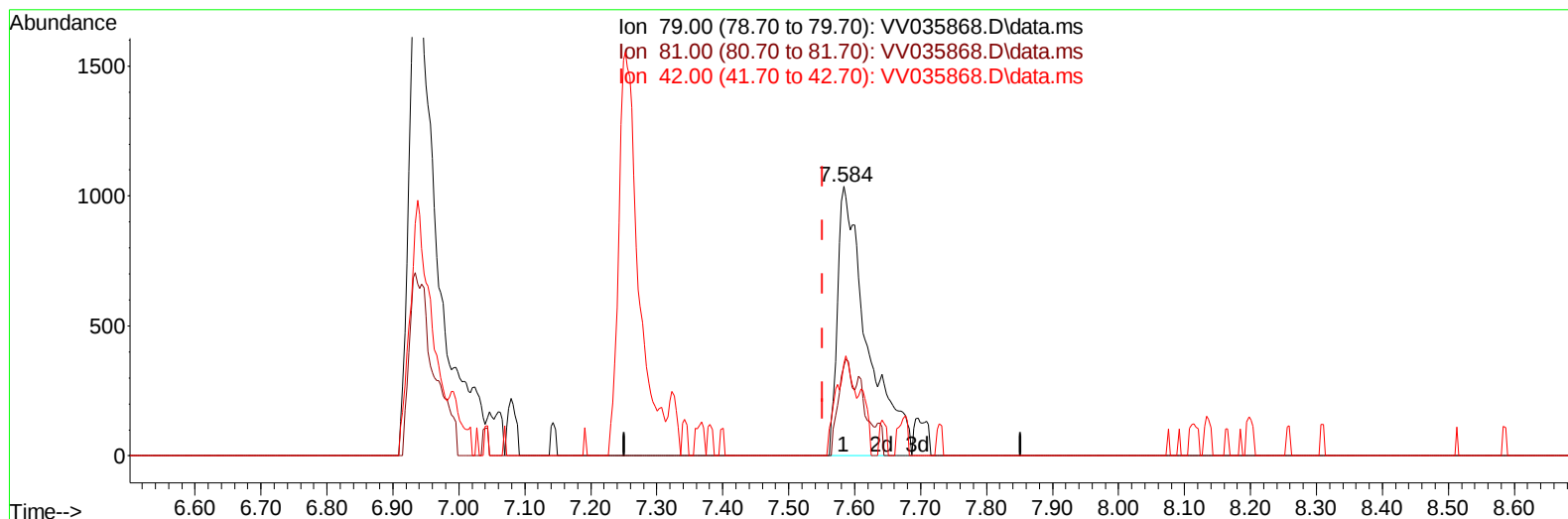
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Data File : VV035868.D
Acq On : 29 May 2024 17:12
Operator : SY/MD
Sample : P2632-14
Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration

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Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035868.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.583min (+ 0.032) 20.17 ug/L m

response 3227

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.30	17.32#
42.00	33.30	14.53#
0.00	0.00	0.00

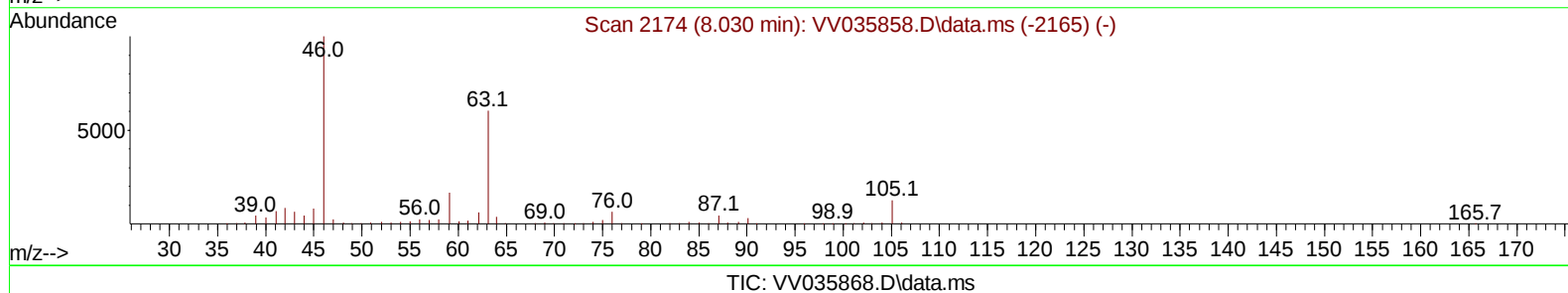
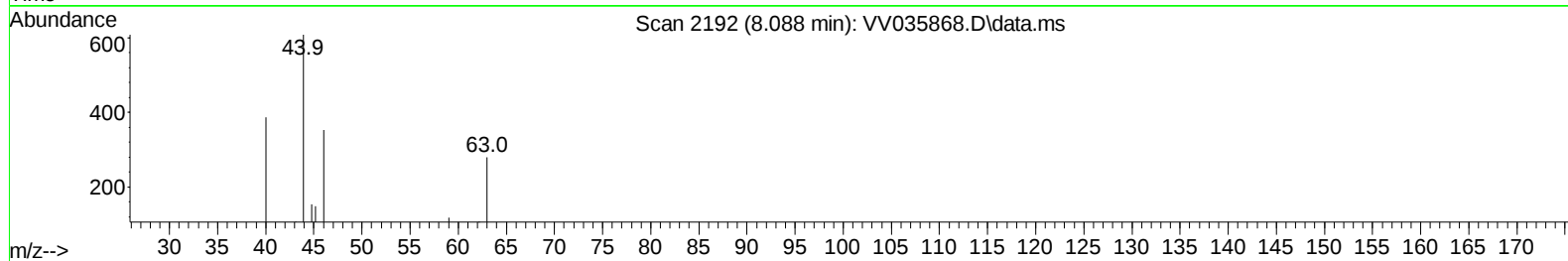
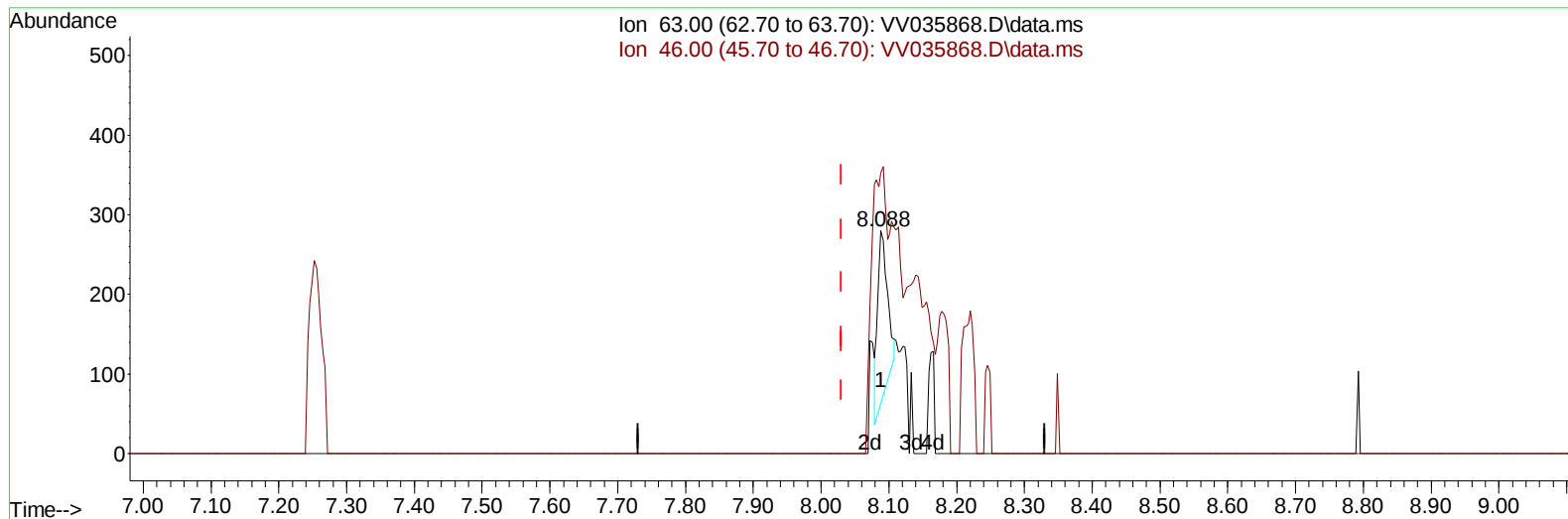
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Instrument :
MSVOA_V
ClientSampleId :
BHBY0

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Supervised By :Semsettin Yesilyurt 05/31/2024



(47) 2-Hexanone-d5 (S)

8.088min (+ 0.058) 3.20 ug/L

response 215

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	161.70	142.33
0.00	0.00	0.00
0.00	0.00	0.00

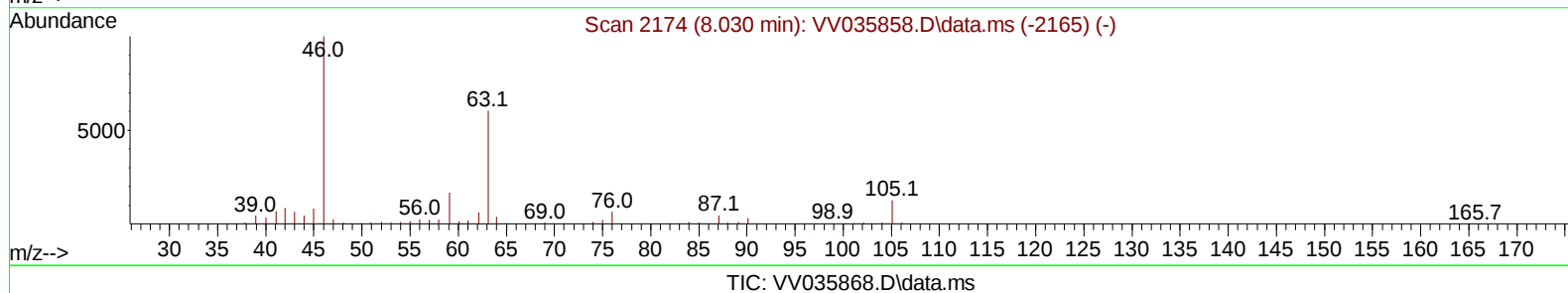
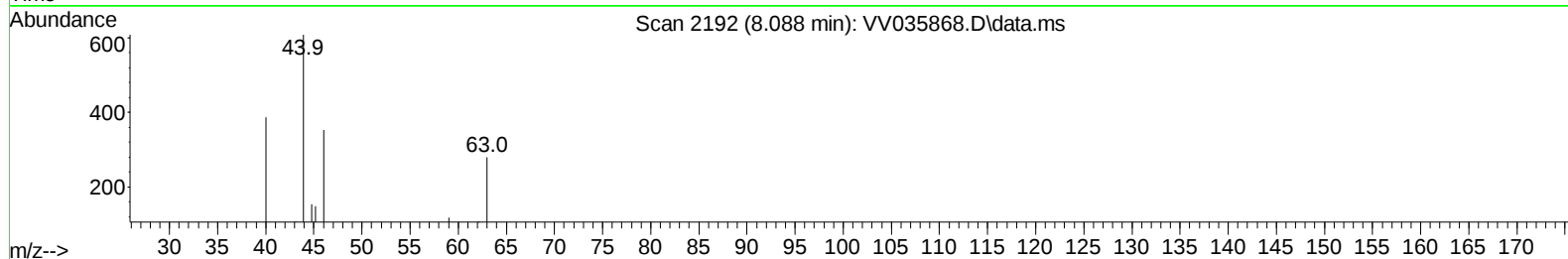
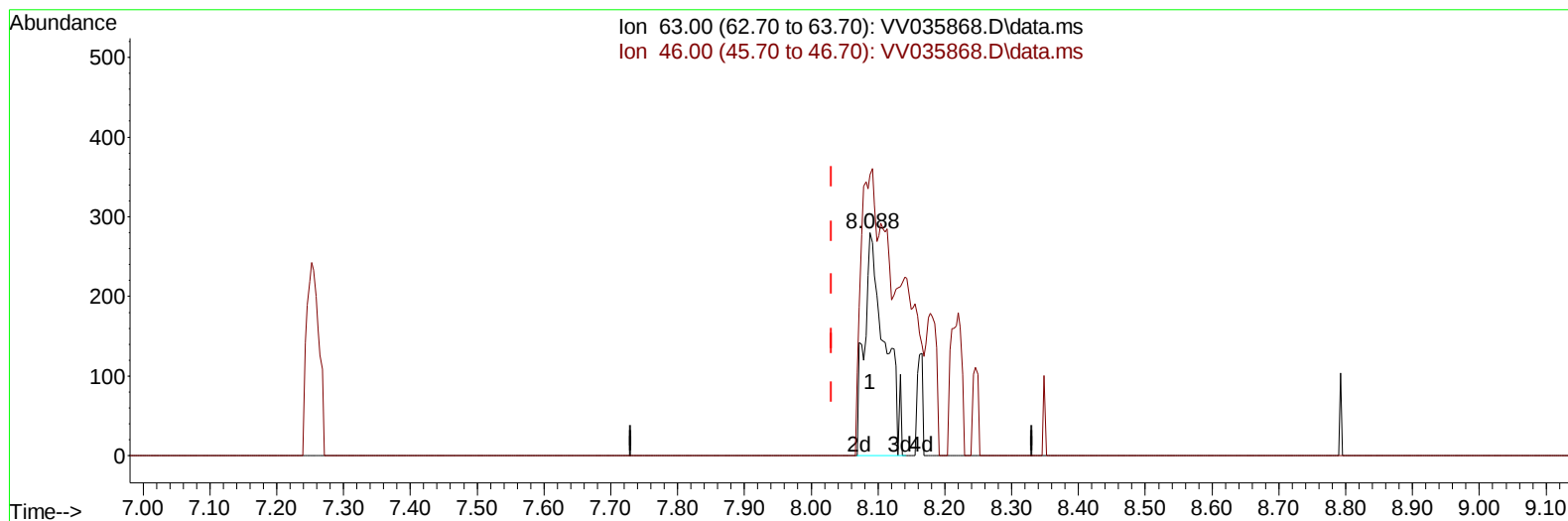
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBY0

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



(47) 2-Hexanone-d5 (S)

8.088min (+ 0.058) 8.89 ug/L m

response 598

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	161.70	51.17#
0.00	0.00	0.00
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	5.551	114	24432	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	22144	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.194	152	7042	25.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16270	43.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 172.320%#			
7) Chloroethane-d5	1.536	69	13203	43.339	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 173.360%#			
11) 1,1-Dichloroethene-d2	2.060	65	6843	40.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 163.720%#			
21) 2-Butanone-d5	3.899	46	3678m	34.320	ug/L	0.06
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.640%			
24) Chloroform-d	4.259	84	25302	34.834	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 139.320%			
26) 1,2-Dichloroethane-d4	4.960	65	13535	37.694	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 150.760%#			
32) Benzene-d6	4.969	84	44553	36.755	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 147.040%#			
36) 1,2-Dichloropropane-d6	5.998	67	16785	44.870	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 179.480%#			
41) Toluene-d8	7.252	98	29649	27.483	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.920%			
43) trans-1,3-Dichloroprop...	7.583	79	3227m	20.171	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.680%			
47) 2-Hexanone-d5	8.088	63	598m	8.890	ug/L	0.06
Spiked Amount 50.000	Range 20 - 135		Recovery = 17.780%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10583	29.359	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.440%			
66) 1,2-Dichlorobenzene-d4	11.564	152	7573	30.987	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.960%#			
Target Compounds						
16) Methylene chloride	2.449	84	3861m	6.853	ug/L	Qvalue
25) Chloroform	4.285	83	2463m	2.990	ug/L	

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

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