

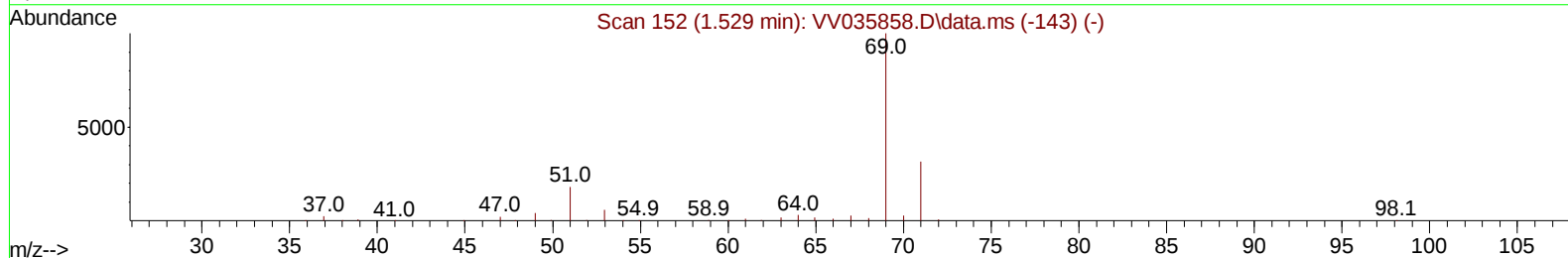
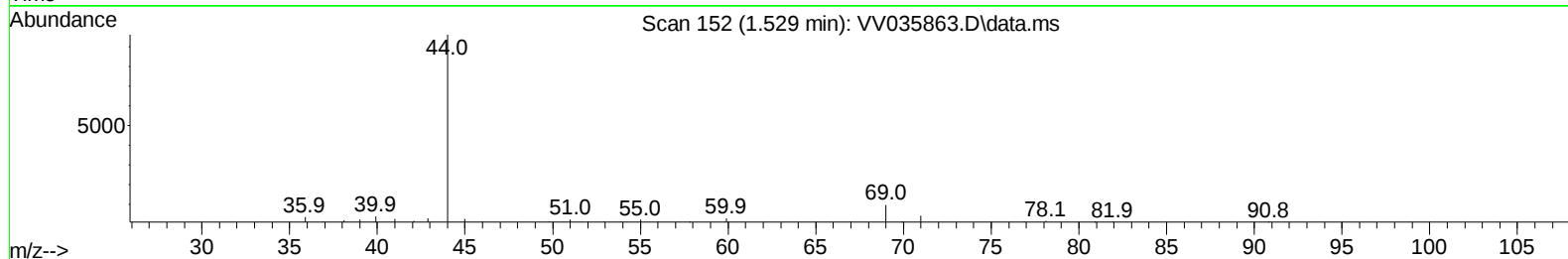
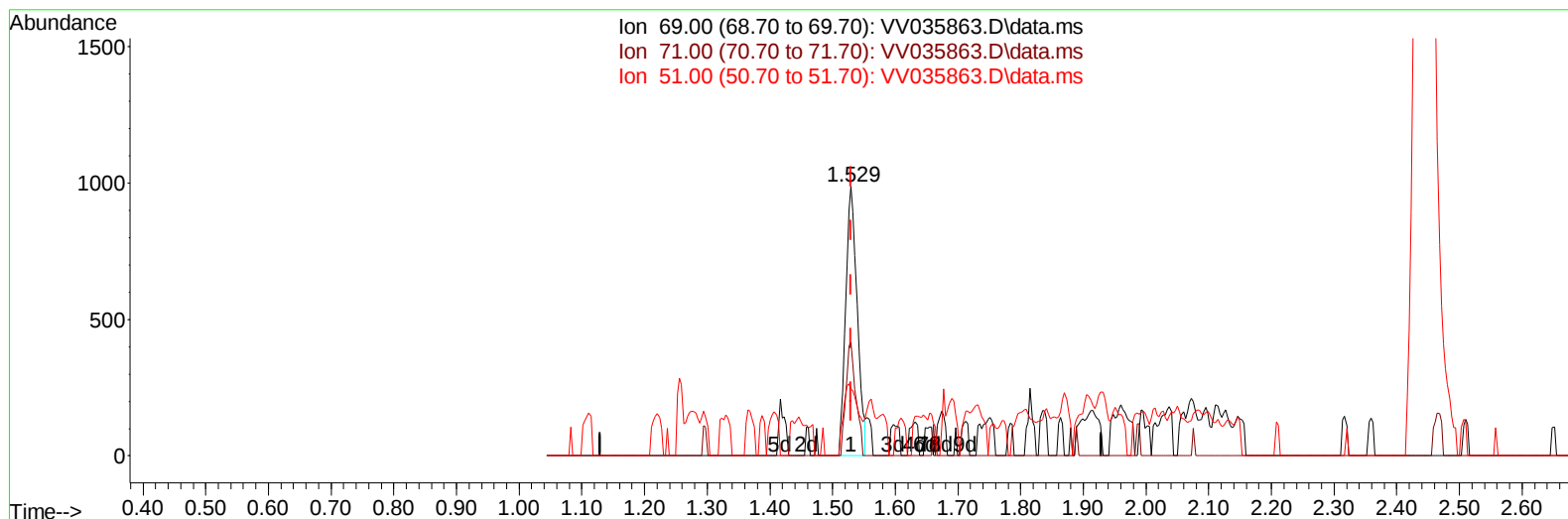
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

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

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(7) Chloroethane-d5 (S)

1.529min (+ 0.000) 0.37 ug/L

response 1253

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.20	36.63
51.00	27.30	34.56
0.00	0.00	0.00

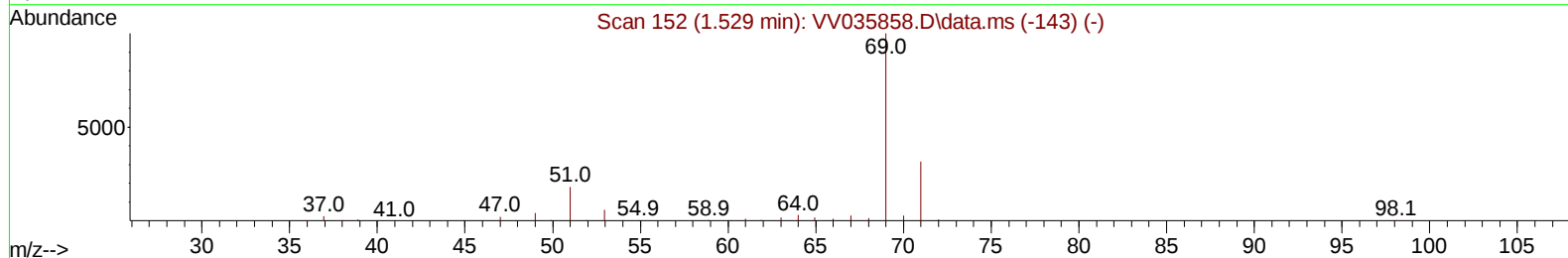
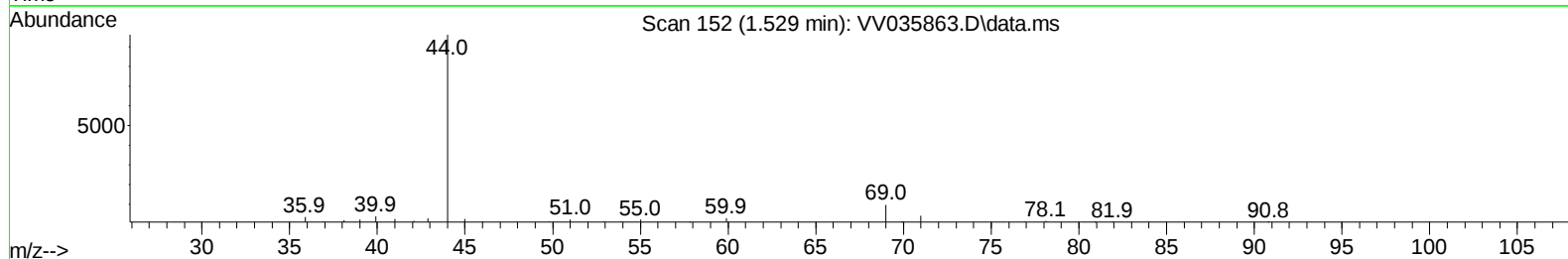
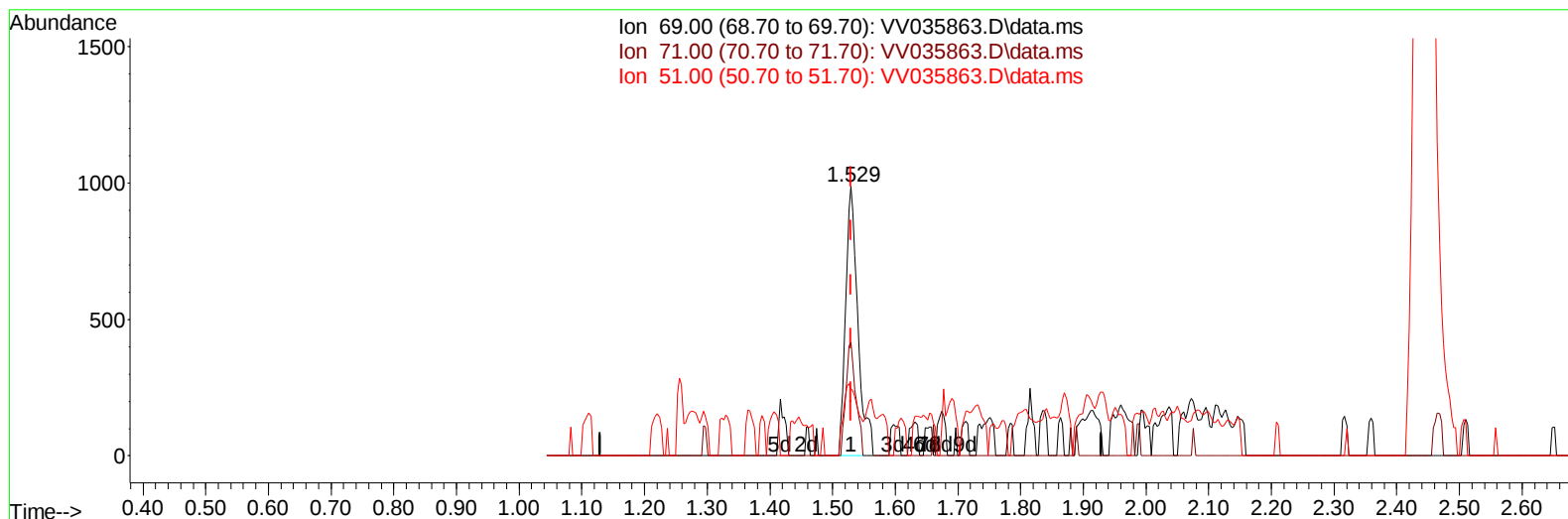
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Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

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

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(7) Chloroethane-d5 (S)

1.529min (+ 0.000) 0.39 ug/L m

response 1326

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.20	34.62
51.00	27.30	32.65
0.00	0.00	0.00

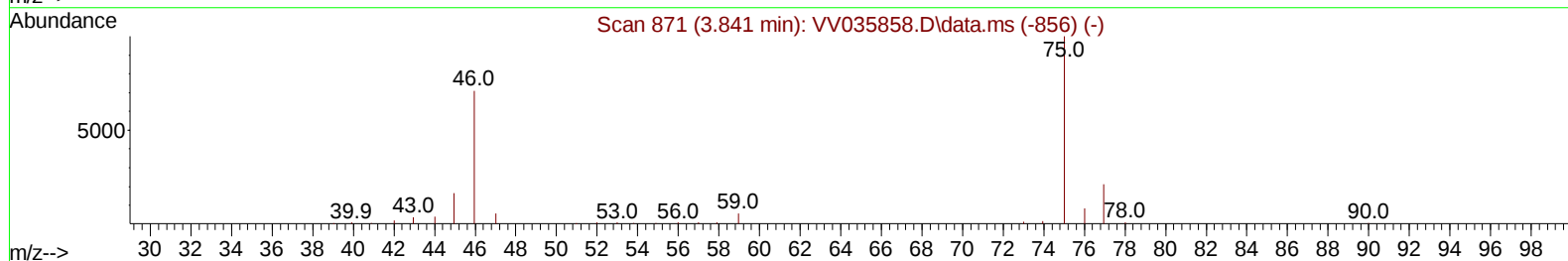
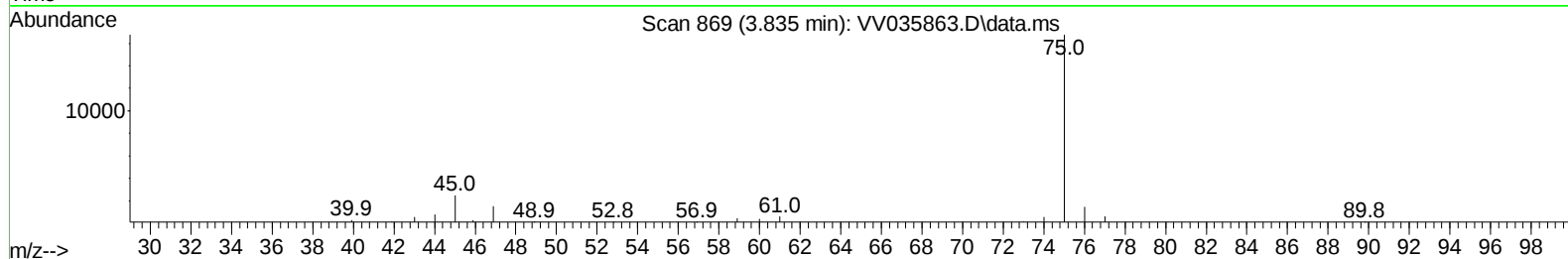
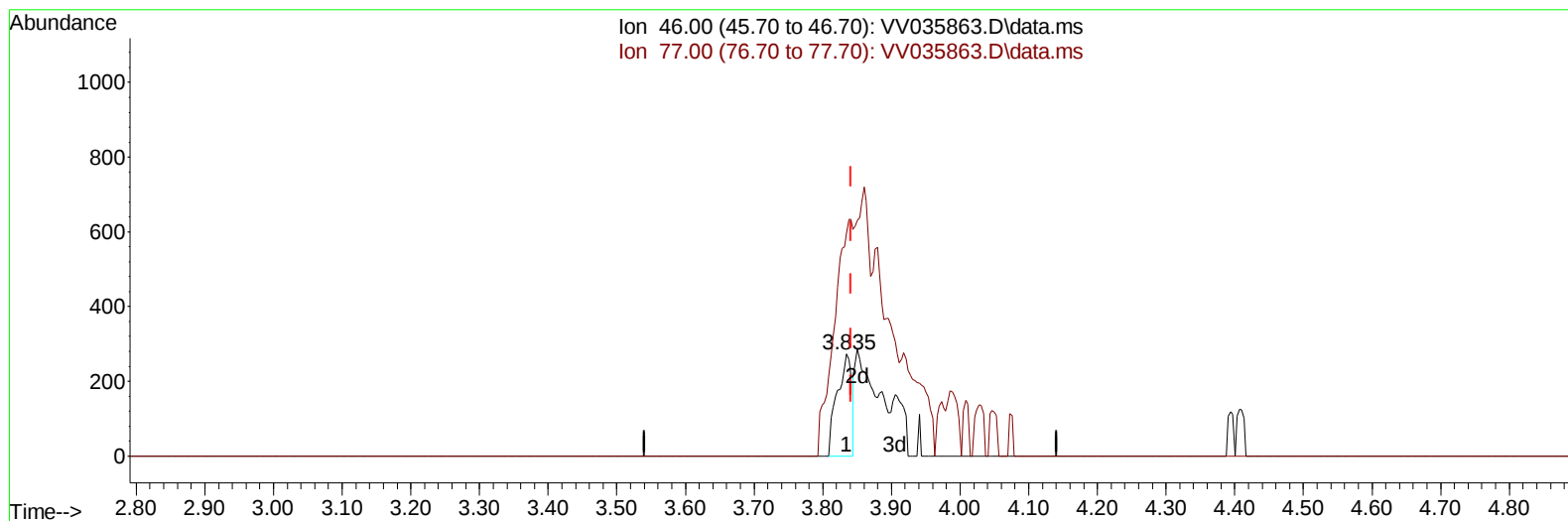
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Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(21) 2-Butanone-d5 (S)

3.835min (-0.006) 0.35 ug/L

response 412

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	295.39#
0.00	0.00	0.00
0.00	0.00	0.00

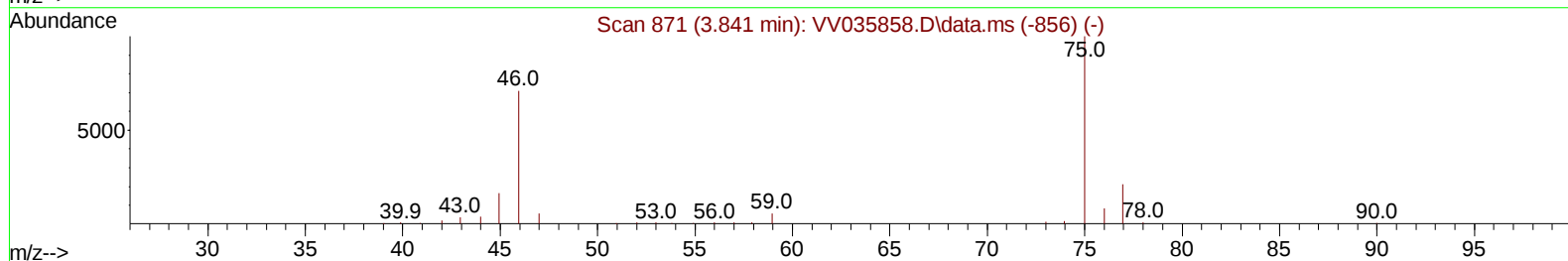
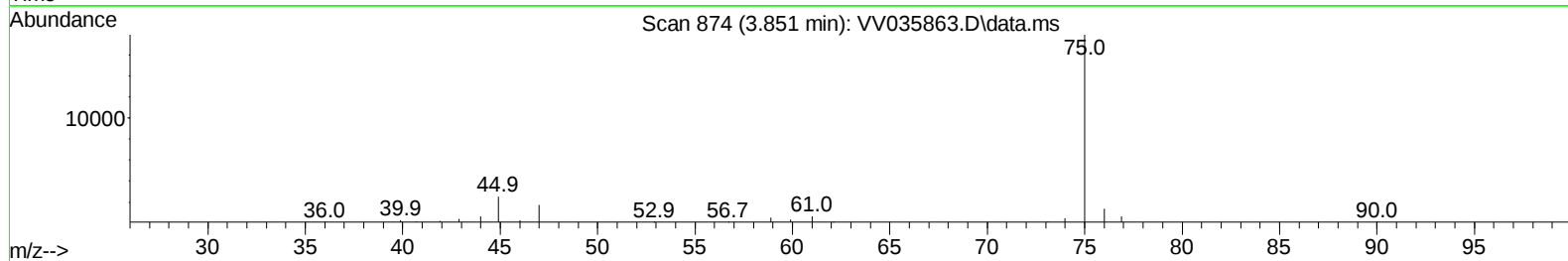
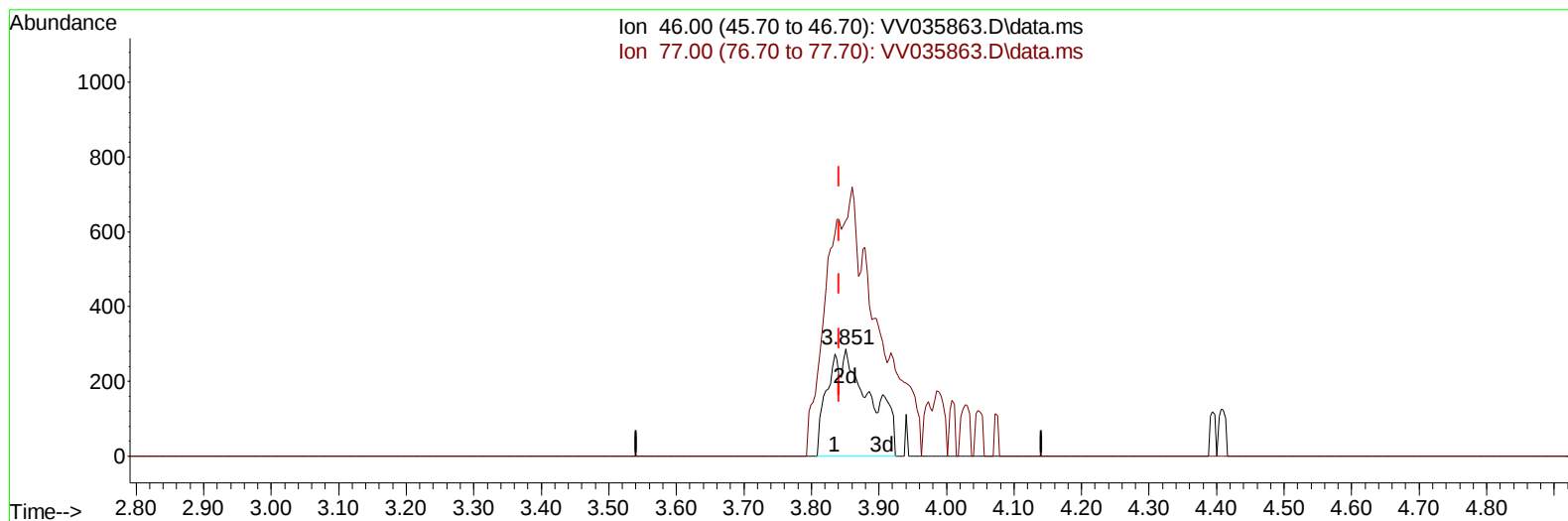
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 Data File : VV035863.D
 Acq On : 29 May 2024 15:19
 Operator : SY/MD
 Sample : P2632-11
 Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (+ 0.010) 1.03 ug/L m

response 1225

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	99.35#
0.00	0.00	0.00
0.00	0.00	0.00

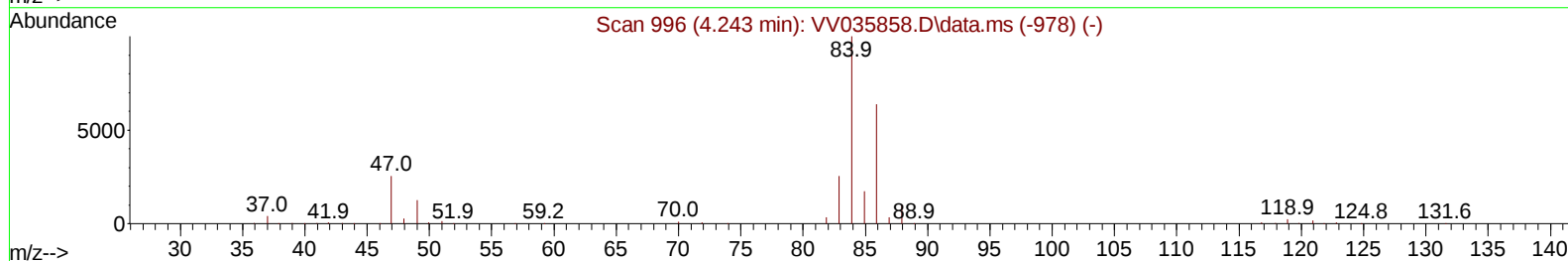
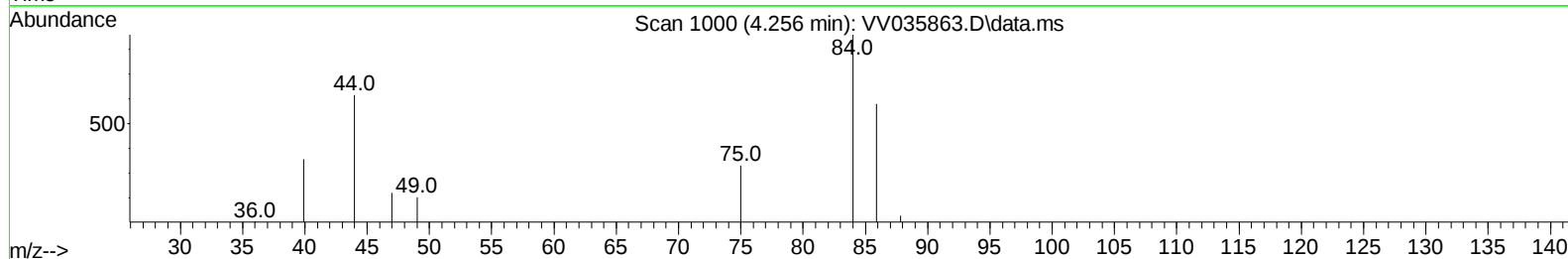
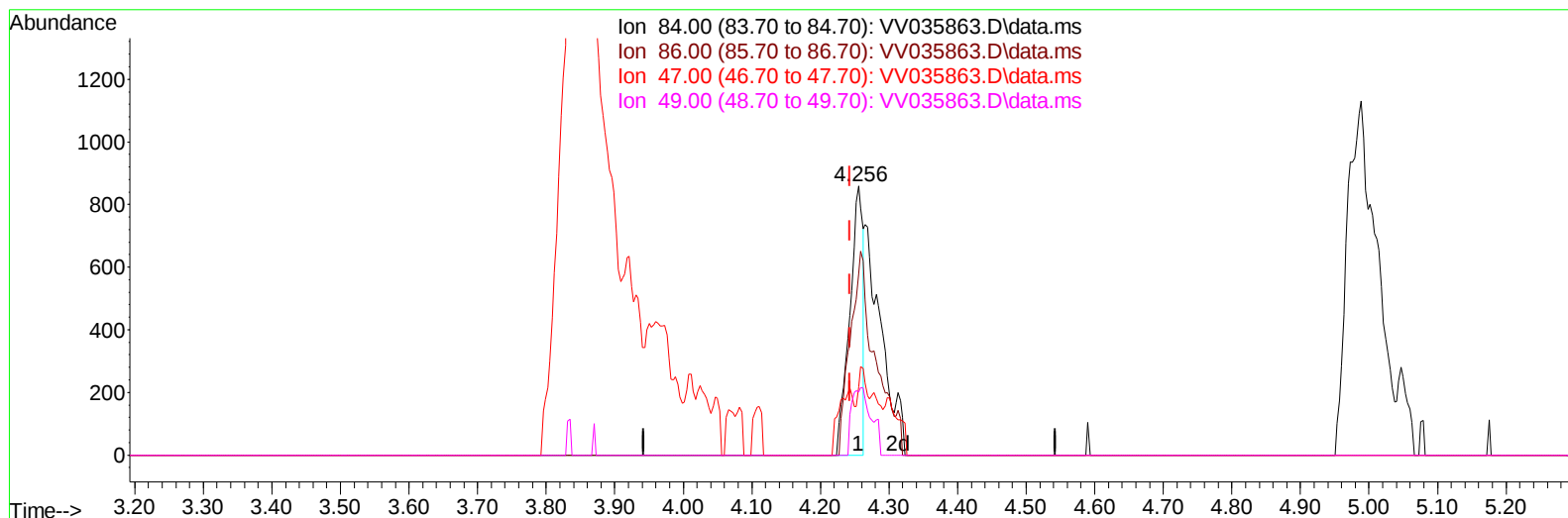
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035863.D
 Acq On : 29 May 2024 15:19
 Operator : SY/MD
 Sample : P2632-11
 Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
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TIC: VV035863.D\data.ms

(24) Chloroform-d (S)

4.256min (+ 0.013) 0.14 ug/L

response 1149

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.10	101.31#
47.00	45.10	9.49#
49.00	24.80	15.14#

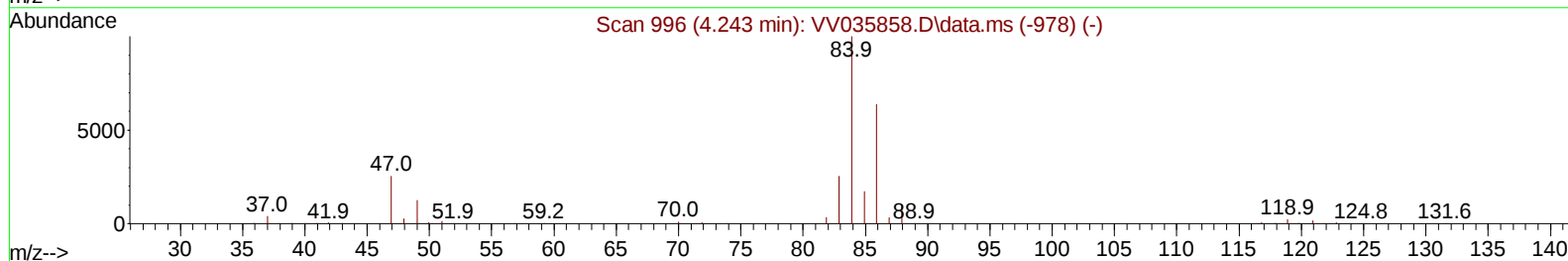
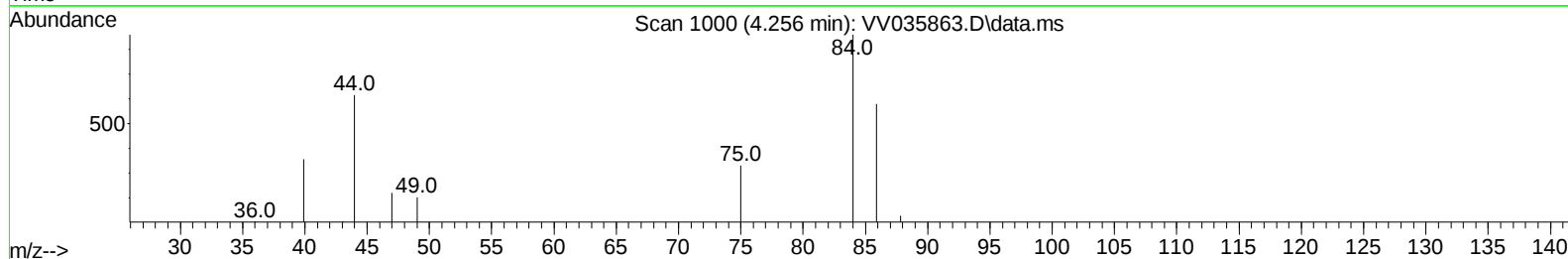
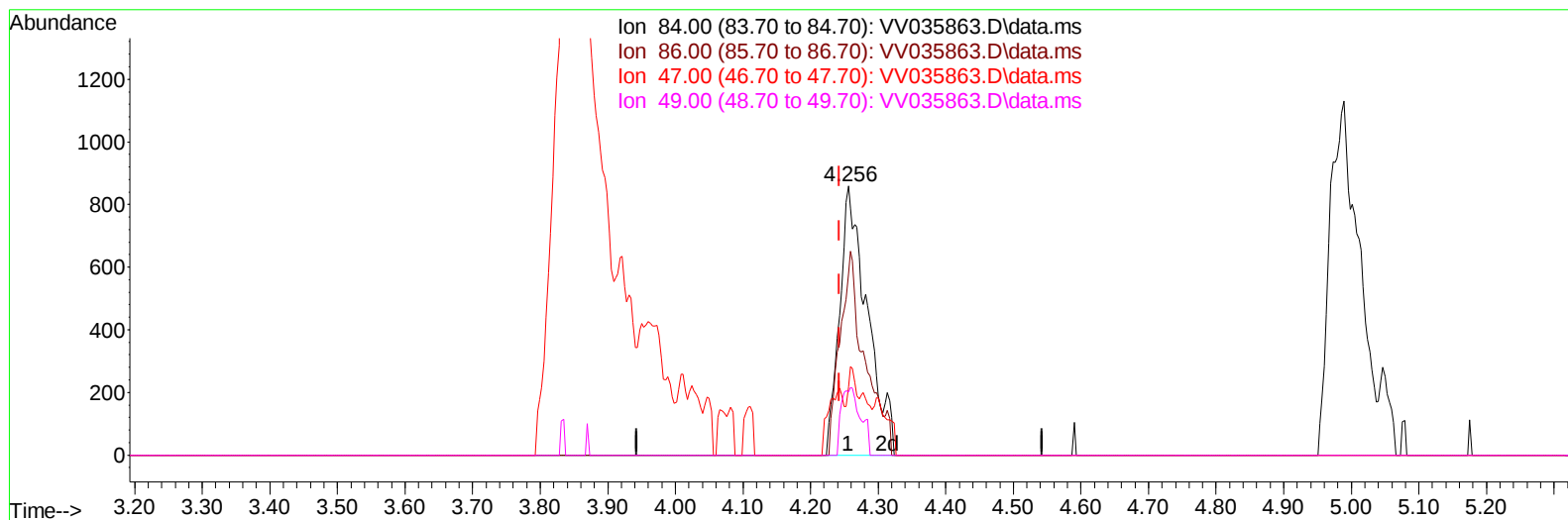
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(24) Chloroform-d (S)

4.256min (+ 0.013) 0.30 ug/L m

response 2422

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.10	48.06
47.00	45.10	4.50#
49.00	24.80	7.18#

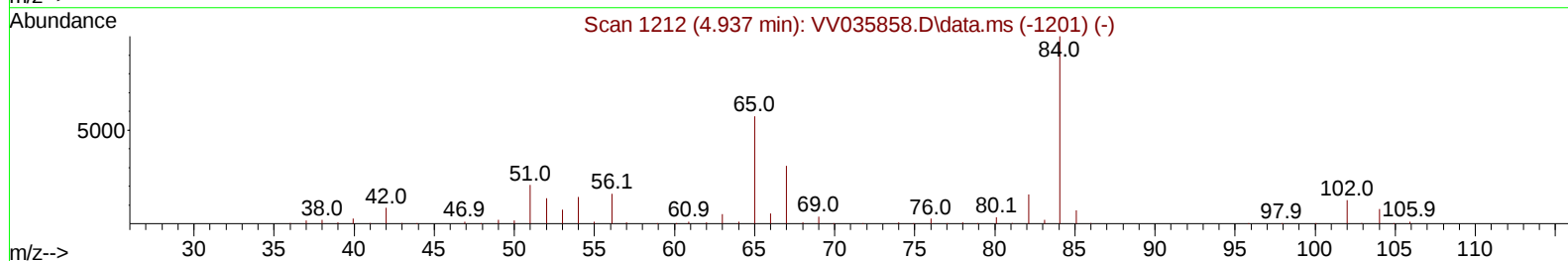
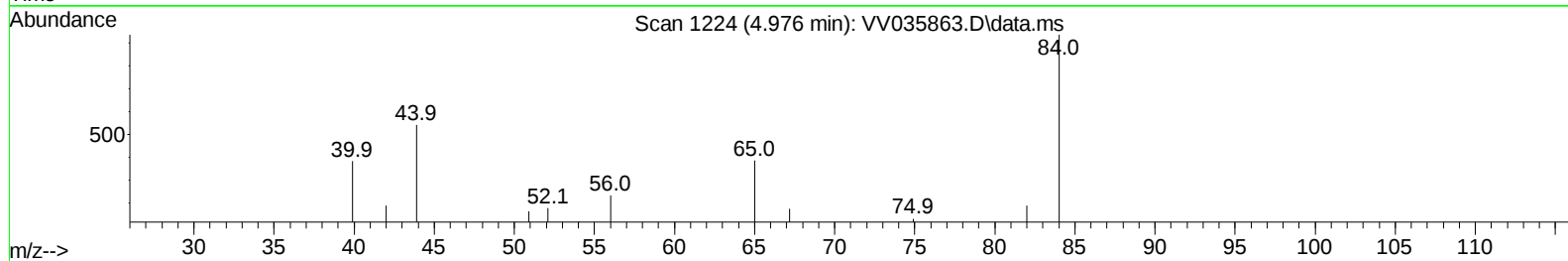
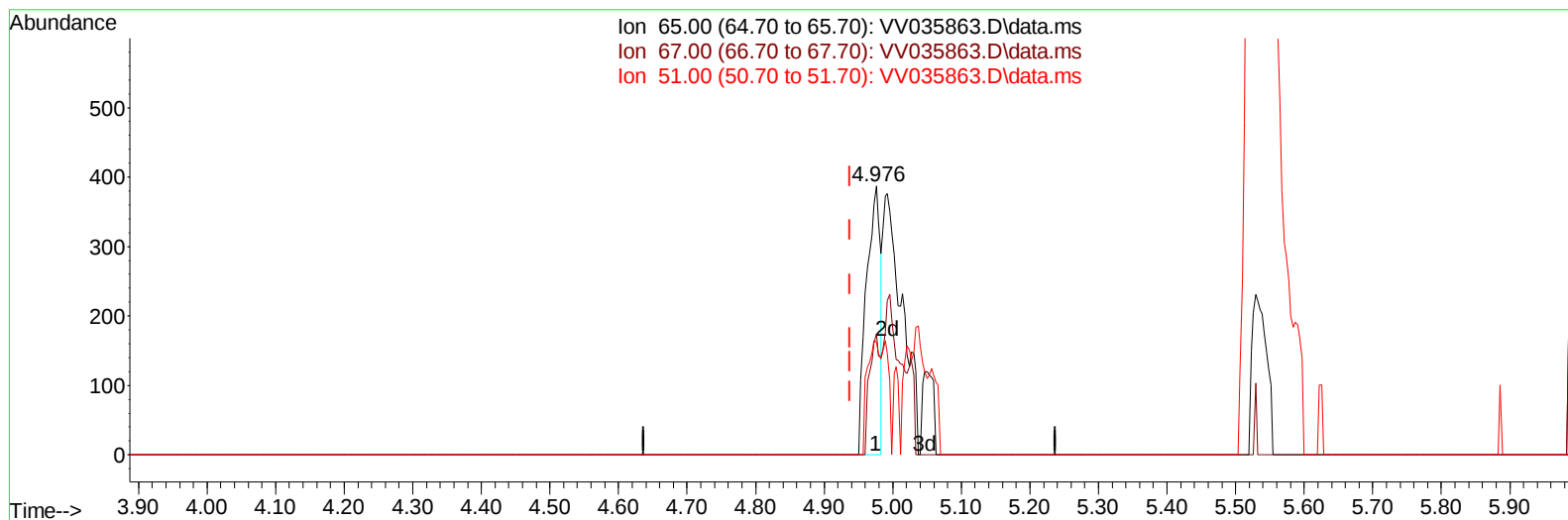
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 Data File : VV035863.D
 Acq On : 29 May 2024 15:19
 Operator : SY/MD
 Sample : P2632-11
 Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 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: VV035863.D\data.ms

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

4.976min (+ 0.039) 0.13 ug/L

response 533

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.00	35.46#
51.00	32.70	40.90
0.00	0.00	0.00

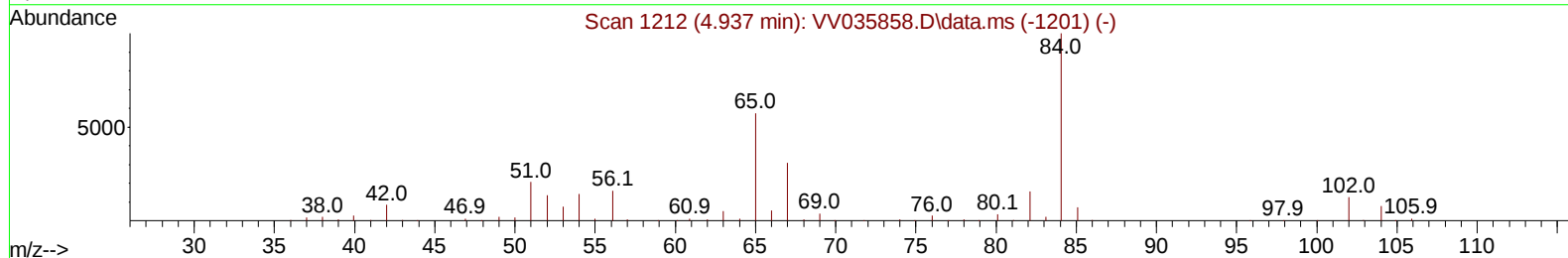
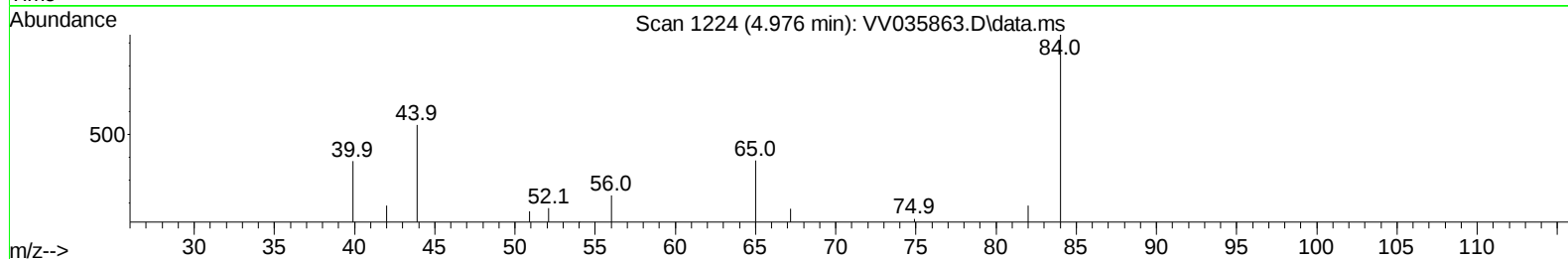
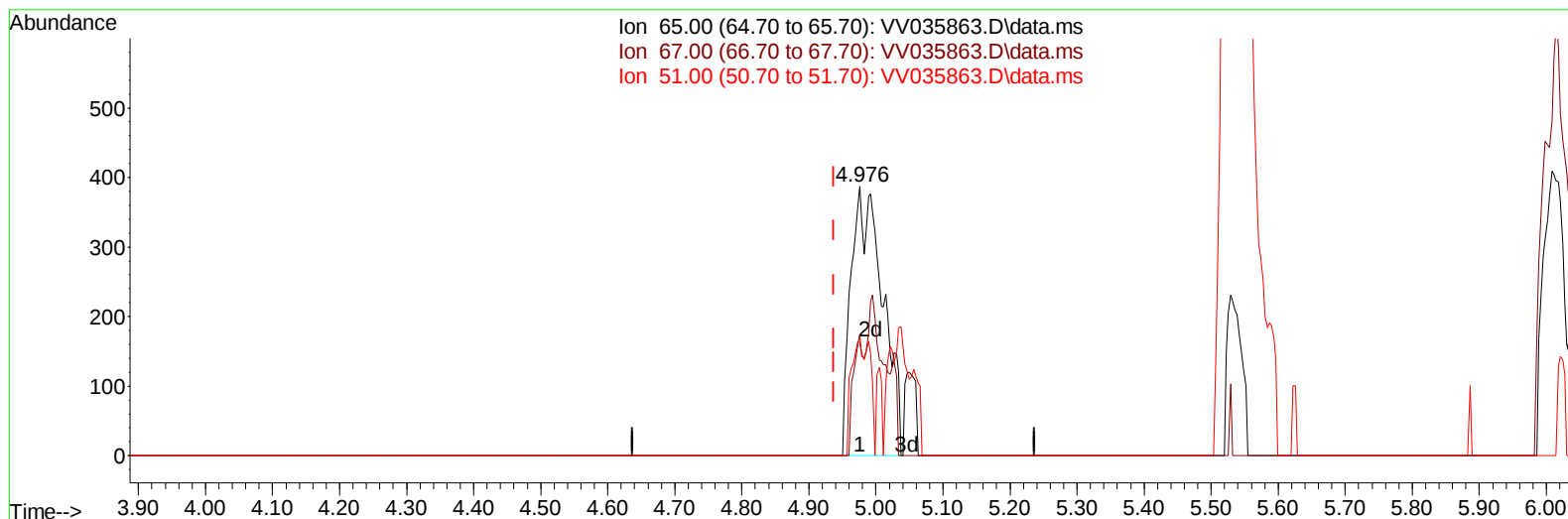
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

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

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

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

4.976min (+ 0.039) 0.32 ug/L m

response 1272

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.00	14.86#
51.00	32.70	17.14#
0.00	0.00	0.00

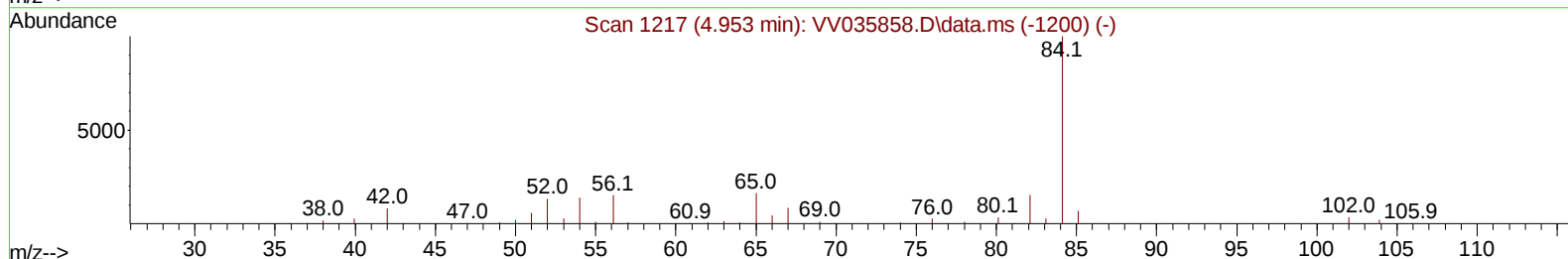
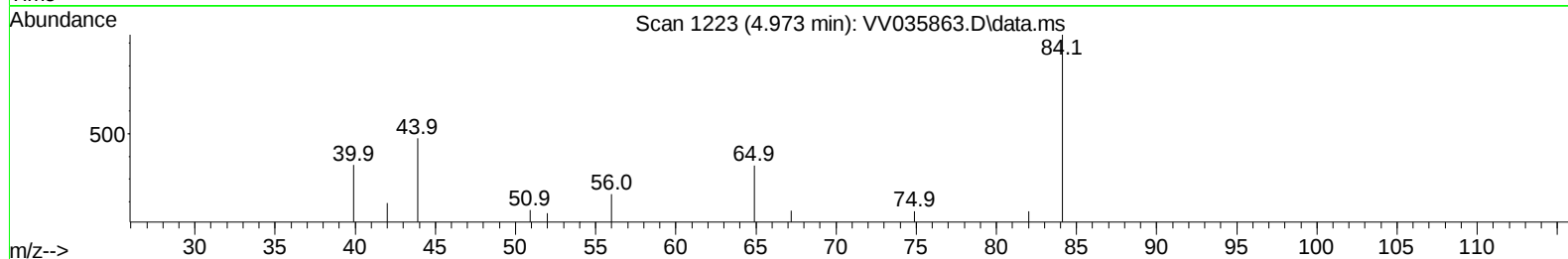
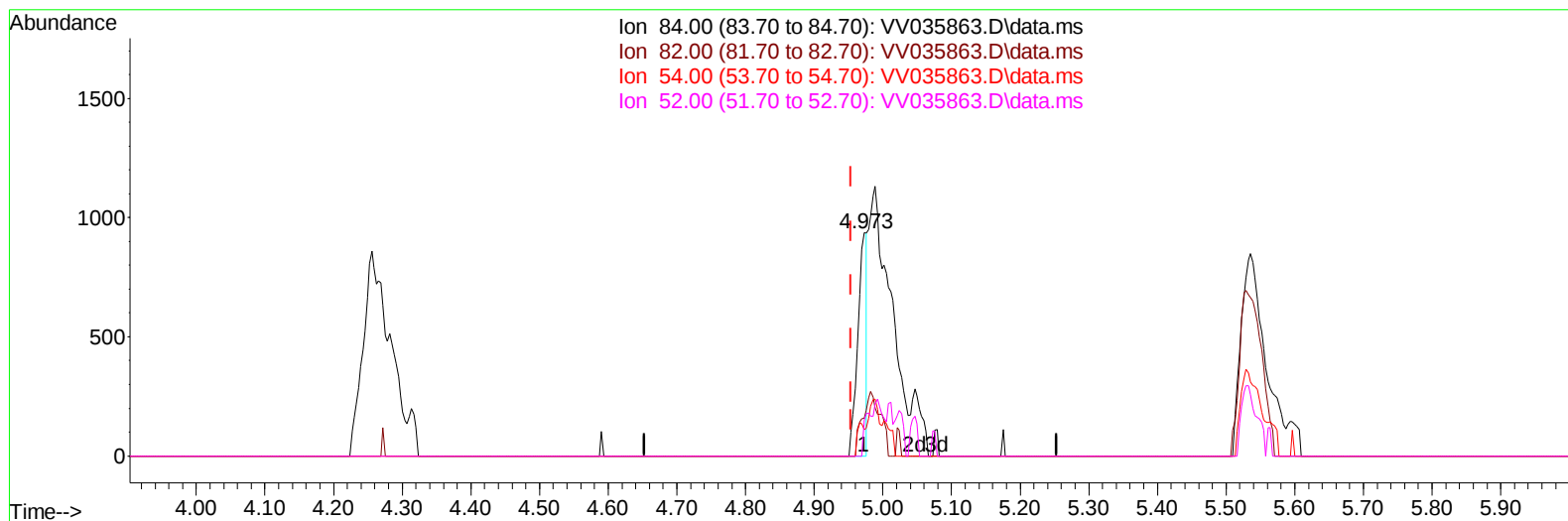
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
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TIC: VV035863.D\data.ms

(32) Benzene-d6 (S)

4.973min (+ 0.019) 0.09 ug/L

response 854

Ion	Exp%	Act%
84.00	100.00	100.00
82.00	15.50	42.86#
54.00	13.60	10.89
52.00	11.60	15.22#

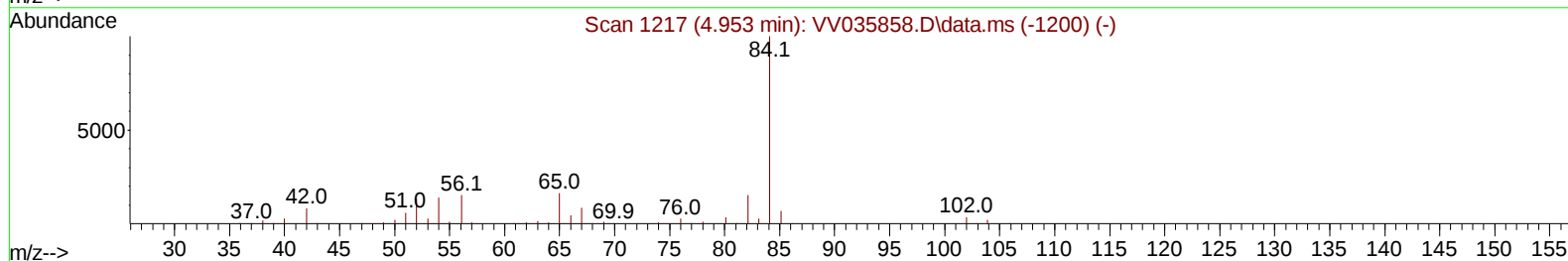
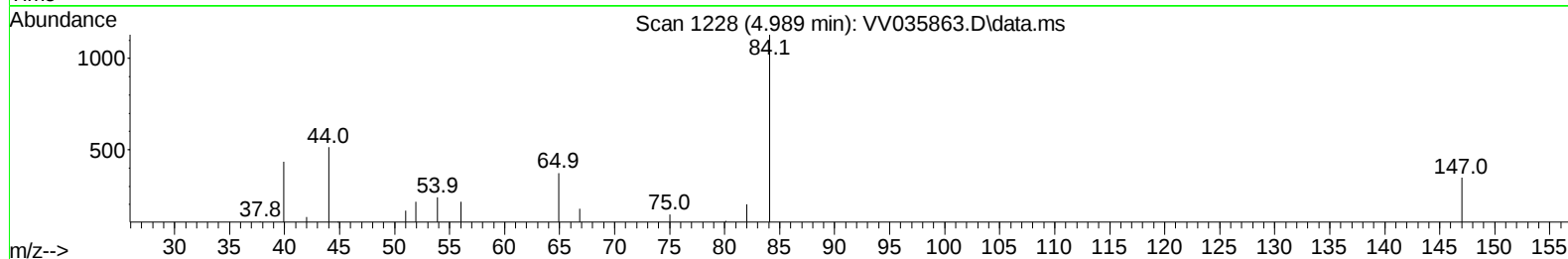
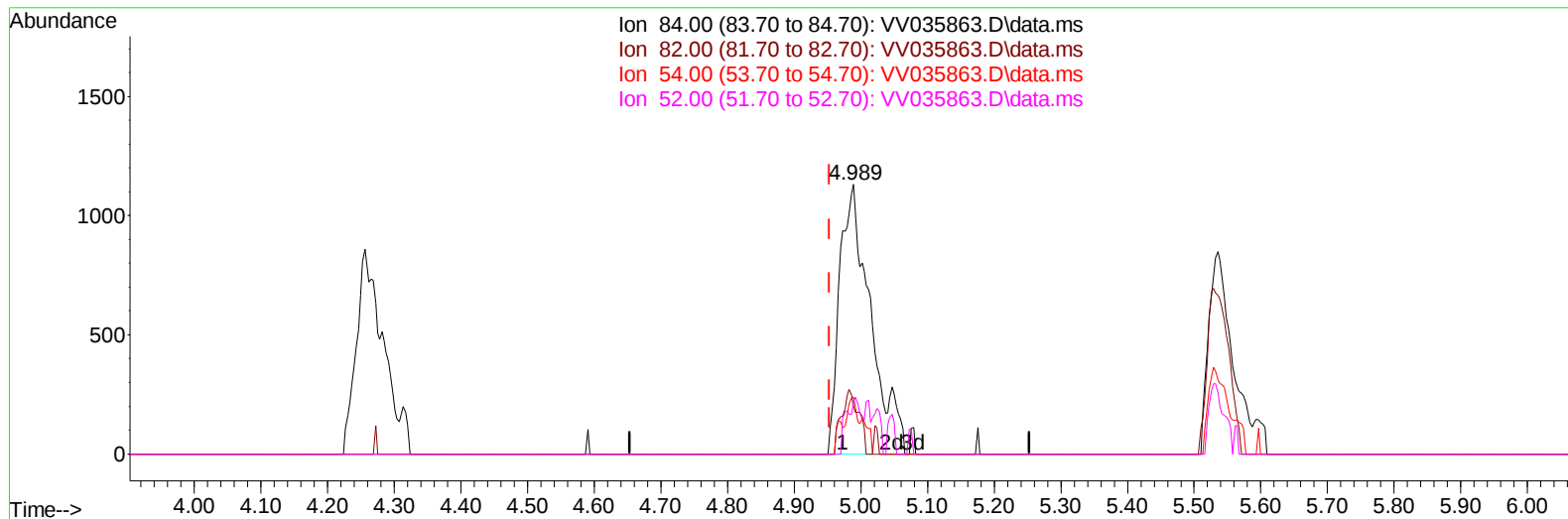
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 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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TIC: VV035863.D\data.ms

(32) Benzene-d6 (S)

4.989min (+ 0.035) 0.37 ug/L m

response 3615

Ion	Exp%	Act%
84.00	100.00	100.00
82.00	15.50	10.12#
54.00	13.60	2.57#
52.00	11.60	3.60#

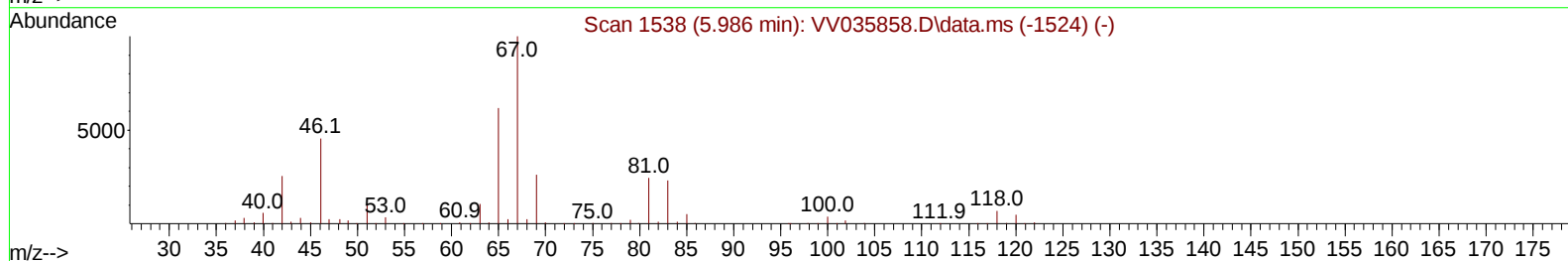
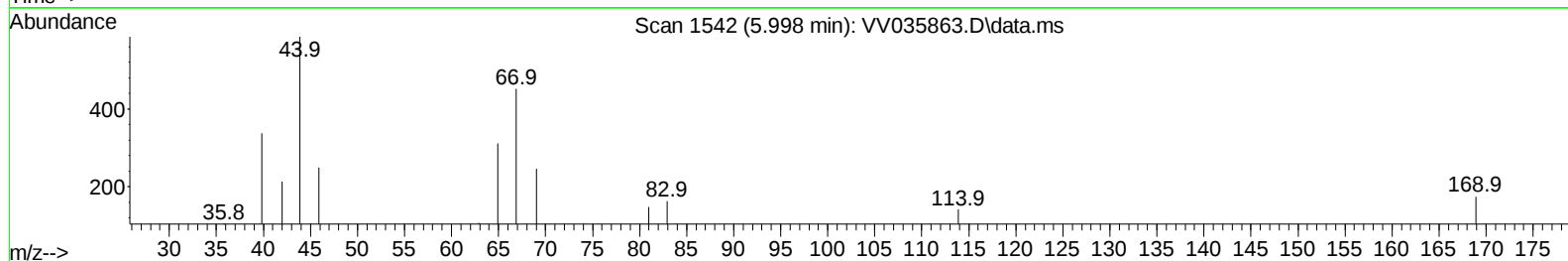
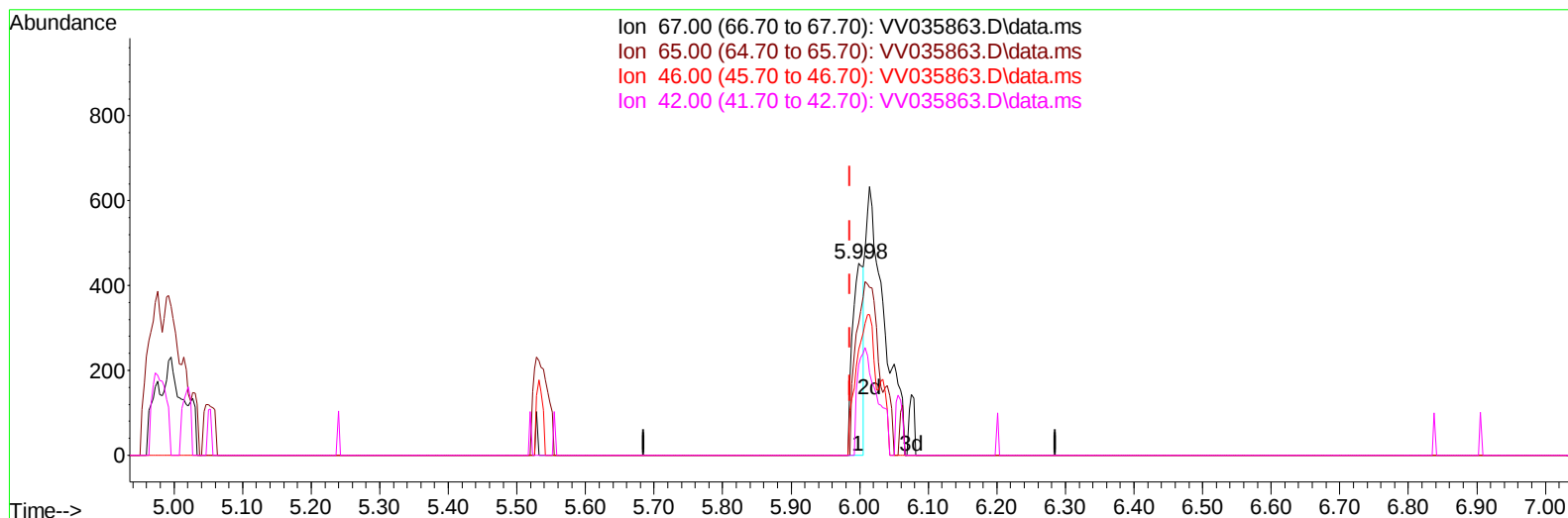
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
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Reviewed By :Mahesh Dadoda 05/31/2024
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TIC: VV035863.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

5.998min (+ 0.013) 0.16 ug/L

response 494

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	63.40	0.00#
46.00	43.40	0.00#
42.00	22.10	0.00#

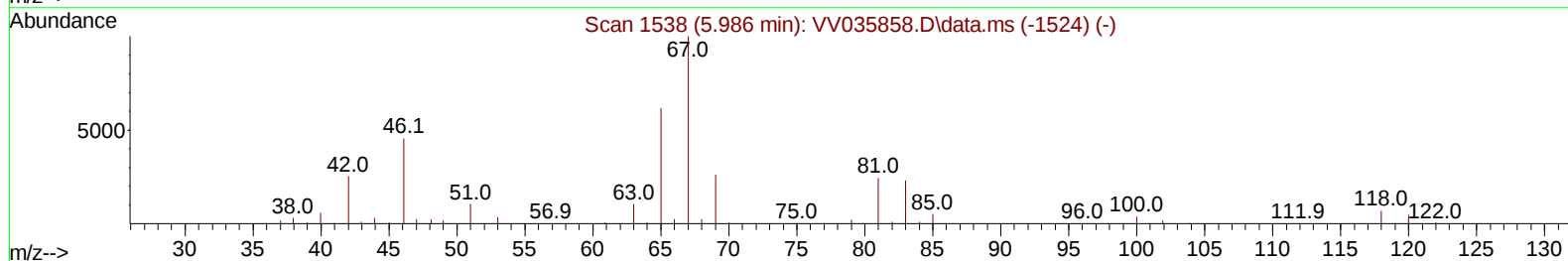
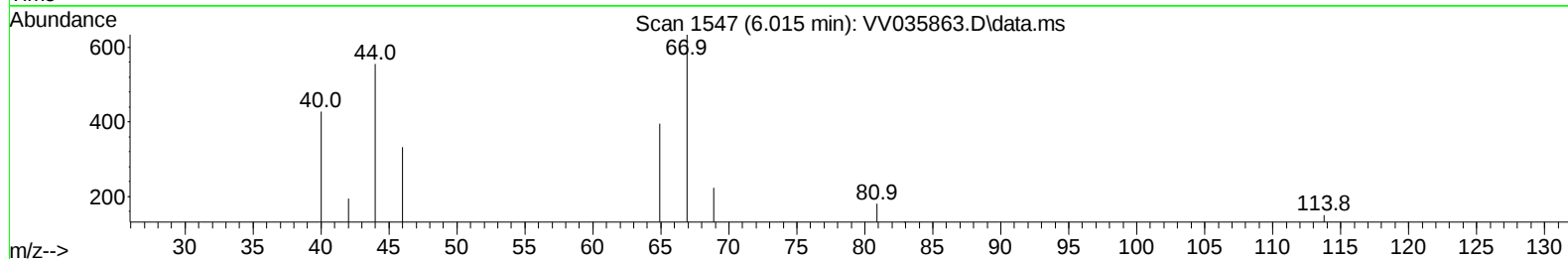
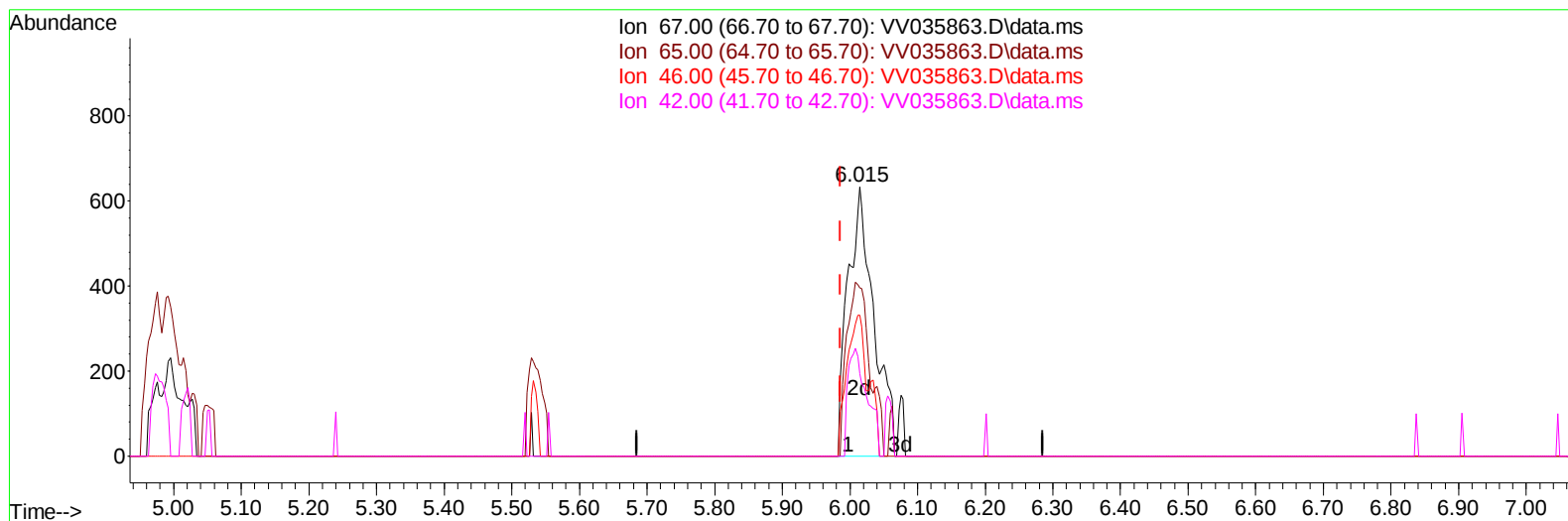
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035863.D
 Acq On : 29 May 2024 15:19
 Operator : SY/MD
 Sample : P2632-11
 Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 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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TIC: VV035863.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

6.015min (+ 0.029) 0.55 ug/L m

response 1686

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	63.40	0.00#
46.00	43.40	0.00#
42.00	22.10	0.00#

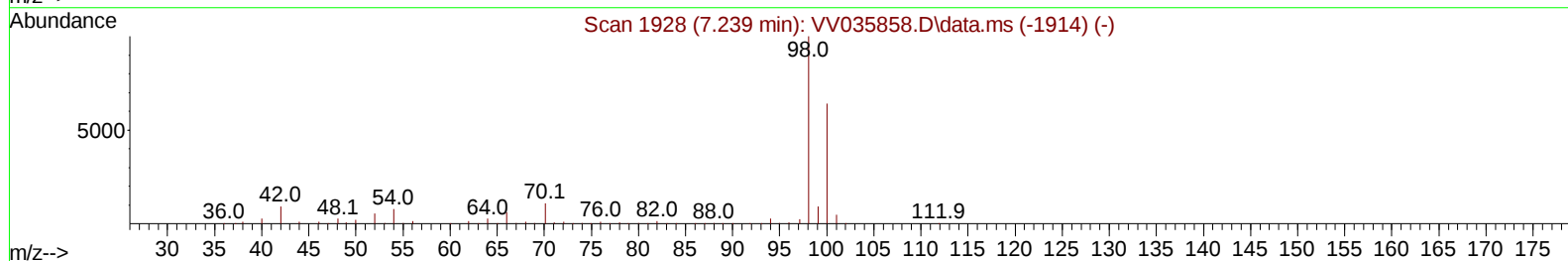
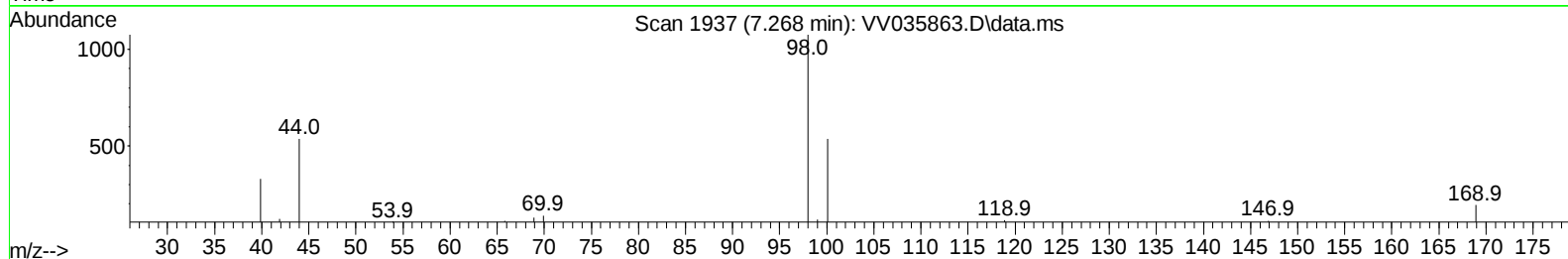
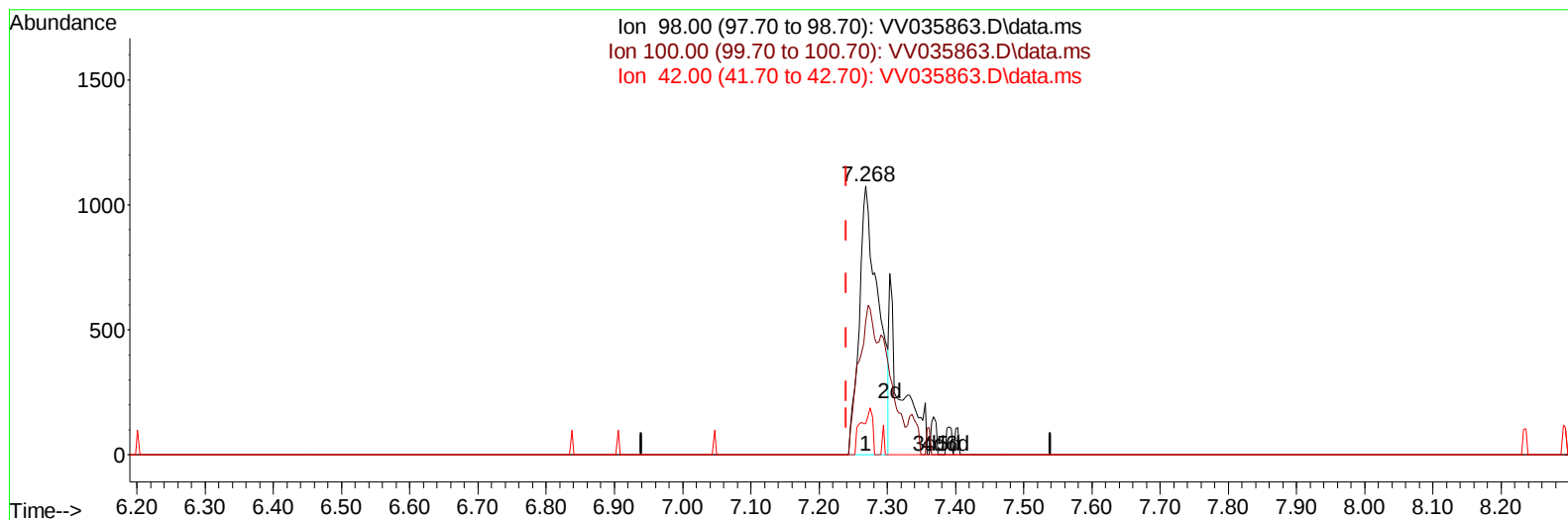
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
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Quant Time: May 30 01:18:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
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TIC: VV035863.D\data.ms

(41) Toluene-d8 (S)

7.268min (+ 0.029) 0.24 ug/L

response 2069

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.90	49.35
42.00	9.40	4.64#
0.00	0.00	0.00

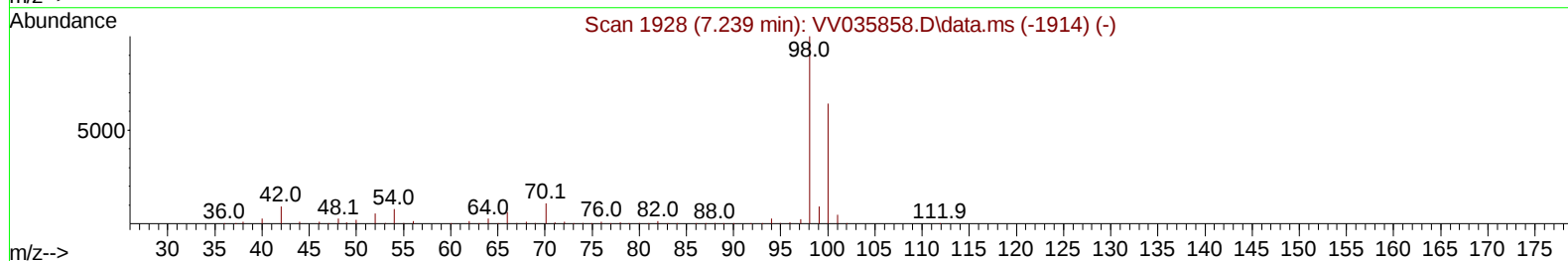
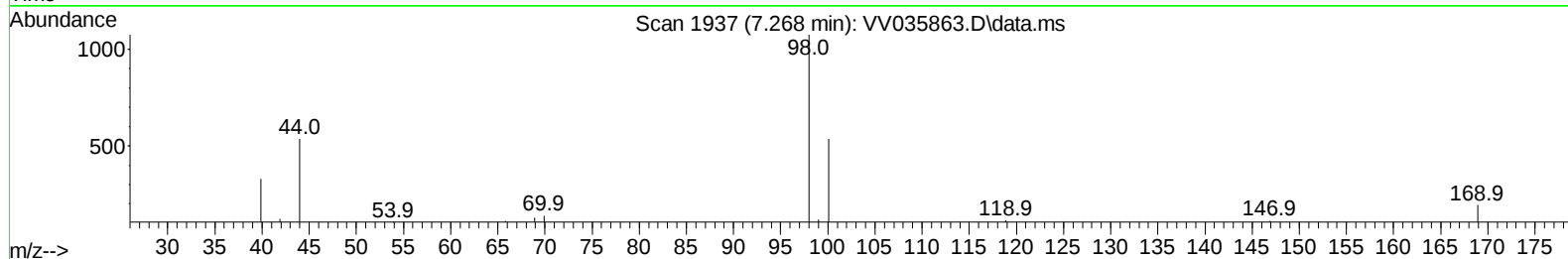
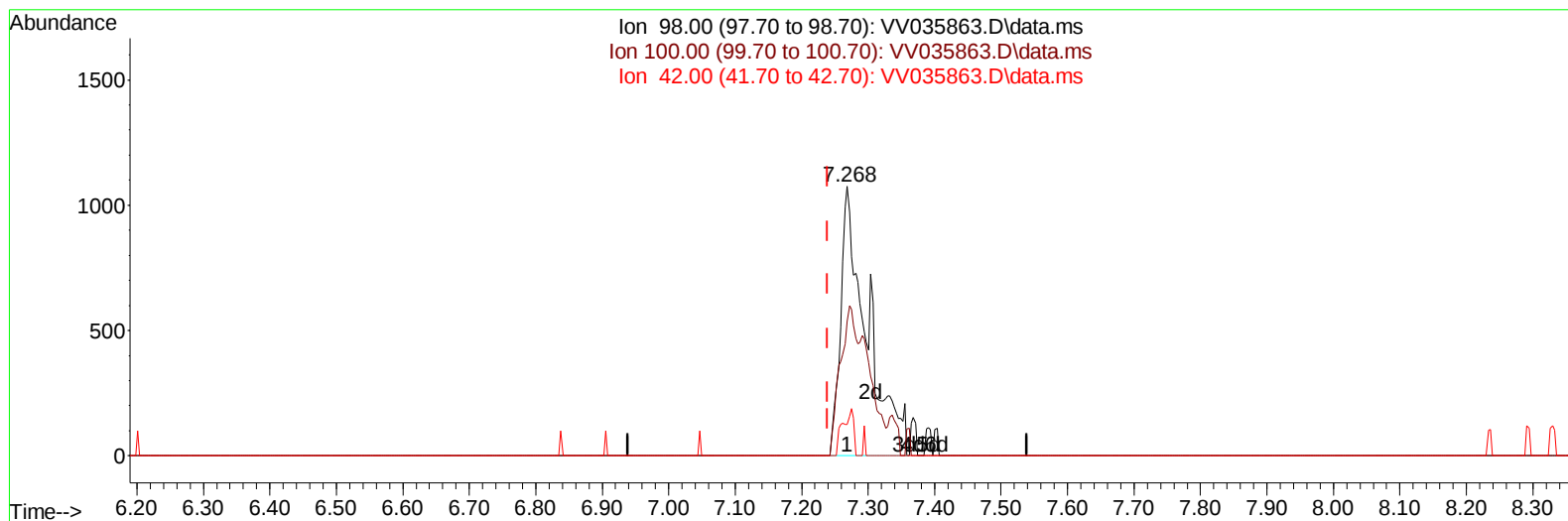
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

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

Quant Time: May 30 01:18:41 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: VV035863.D\data.ms

(41) Toluene-d8 (S)

7.268min (+ 0.029) 0.33 ug/L m

response 2920

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.90	34.97#
42.00	9.40	3.29#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035863.D
 Acq On : 29 May 2024 15:19
 Operator : SY/MD
 Sample : P2632-11
 Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX7

Manual IntegrationsAPPROVED

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 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

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

Internal Standards							
1) 1,4-Difluorobenzene	5.535	114		271093	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117		180703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		61713	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65		1236	0.295	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	1.160%#		
7) Chloroethane-d5	1.529	69		1326m	0.392	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	1.560%#		
11) 1,1-Dichloroethene-d2	2.056	65		853	0.460	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	1.840%#		
21) 2-Butanone-d5	3.851	46		1225m	1.030	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	2.060%#		
24) Chloroform-d	4.256	84		2422m	0.301	ug/L	0.01
Spiked Amount 25.000	Range 40	- 150		Recovery =	1.200%#		
26) 1,2-Dichloroethane-d4	4.976	65		1272m	0.319	ug/L	0.04
Spiked Amount 25.000	Range 70	- 130		Recovery =	1.280%#		
32) Benzene-d6	4.989	84		3615m	0.365	ug/L	0.04
Spiked Amount 25.000	Range 20	- 135		Recovery =	1.480%#		
36) 1,2-Dichloropropane-d6	6.015	67		1686m	0.552	ug/L	0.03
Spiked Amount 25.000	Range 70	- 120		Recovery =	2.200%#		
41) Toluene-d8	7.268	98		2920m	0.332	ug/L	0.03
Spiked Amount 25.000	Range 30	- 130		Recovery =	1.320%#		
43) trans-1,3-Dichloroprop...	0.000	79		0	0.000	ug/L	
Spiked Amount 25.000	Range 30	- 135		Recovery =	0.000%#		
47) 2-Hexanone-d5	0.000	63		0	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.162	84		1761	0.599	ug/L	0.01
Spiked Amount 25.000	Range 45	- 120		Recovery =	2.400%#		
66) 1,2-Dichlorobenzene-d4	11.567	152		2945	1.375	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	5.520%#		
Target Compounds							
16) Methylene chloride	2.442	84		24984	3.997	ug/L	Qvalue 93

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

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Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Manual IntegrationsAPPROVED

Quant Time: May 30 01:18:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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