

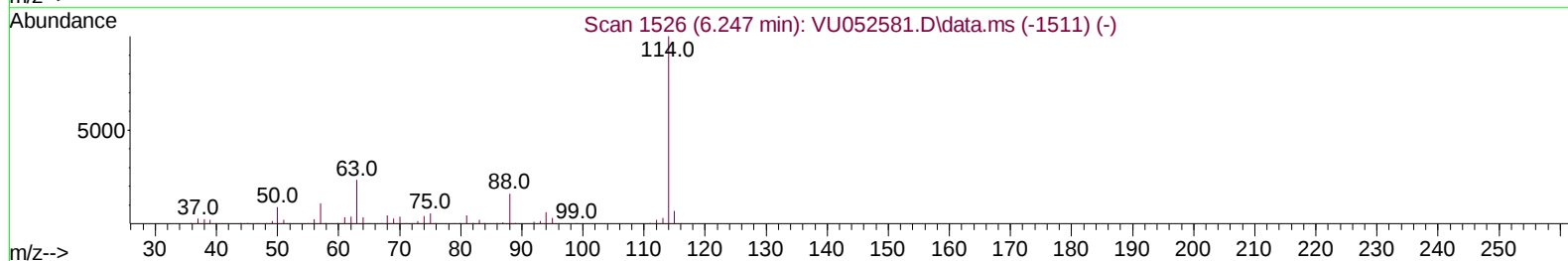
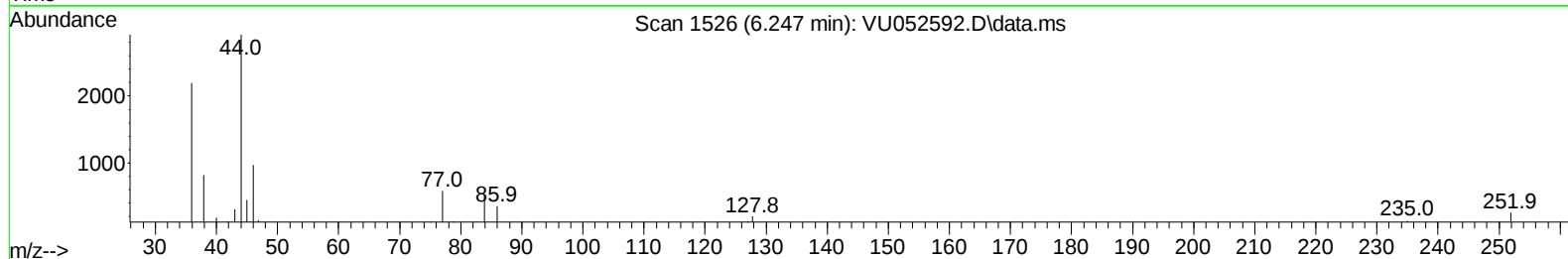
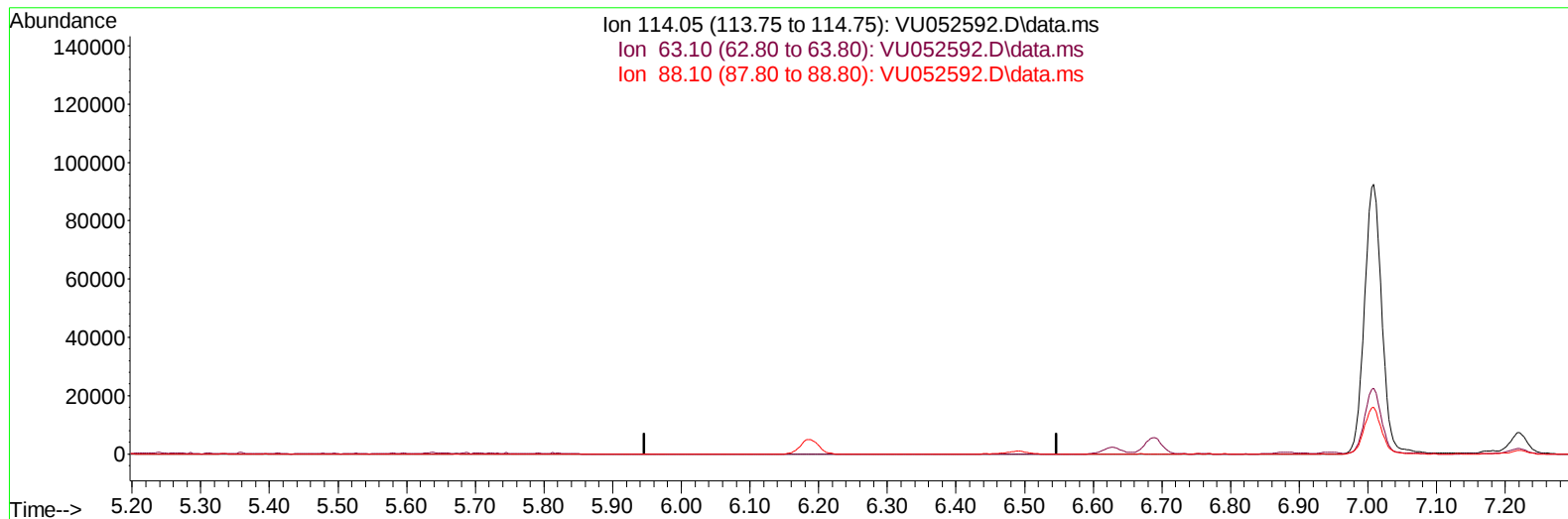
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.247min (-6.247) 0.00 ug/L

response 0

Ion	Exp%	Act%
114.05	100.00	0.00
63.10	24.10	0.00#
88.10	16.80	0.00#
0.00	0.00	0.00

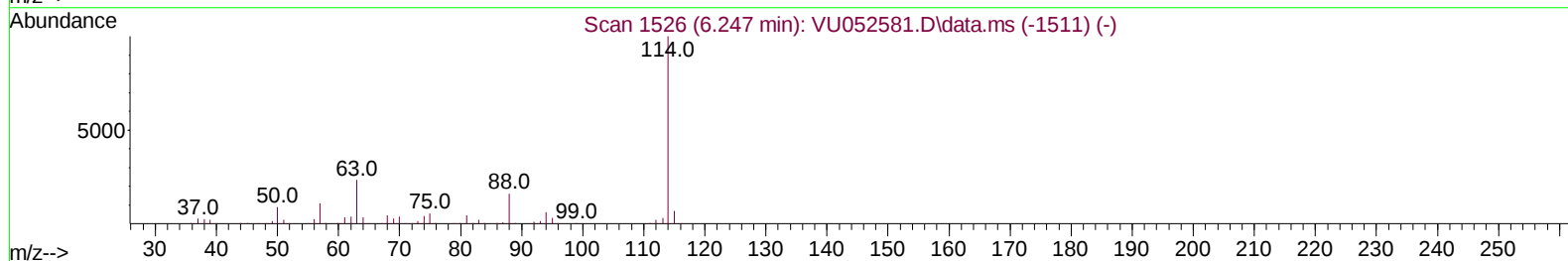
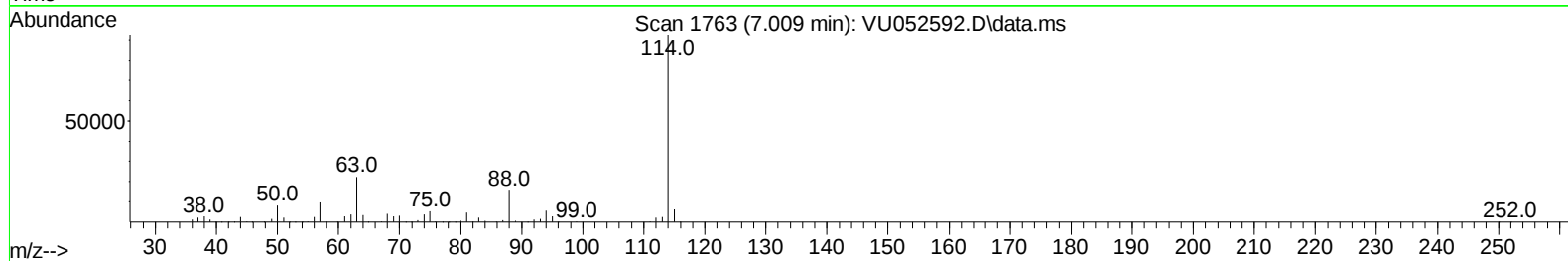
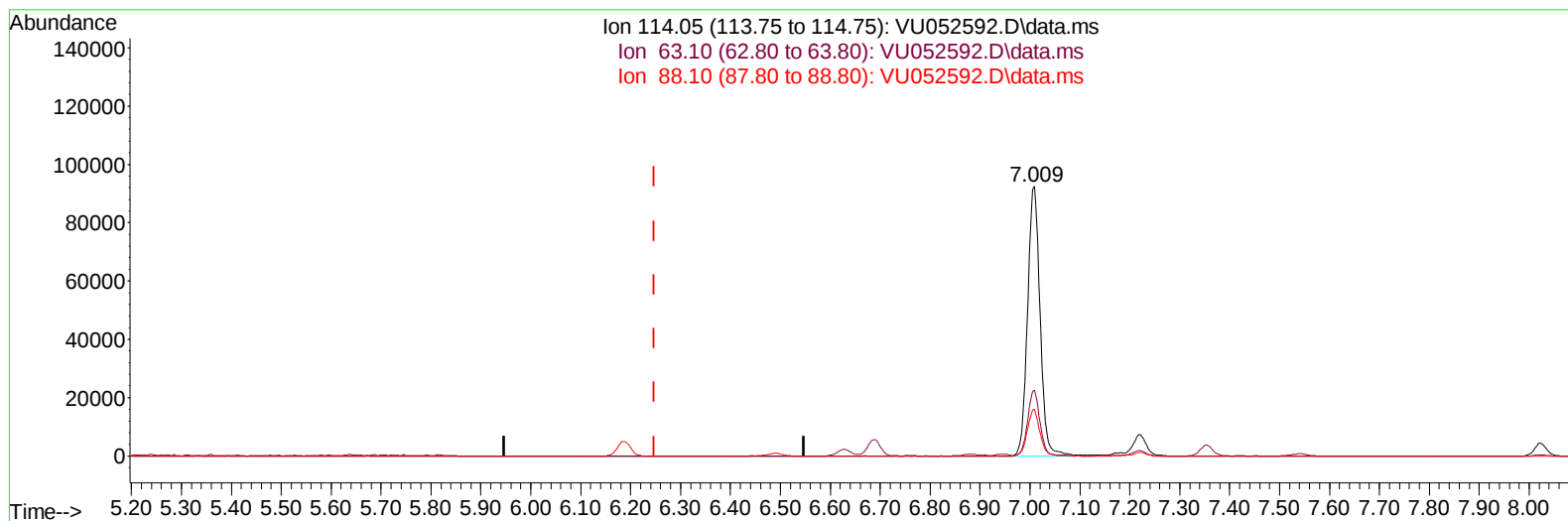
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(1) 1,4-Difluorobenzene (I)

7.009min (+ 0.762) 5.00 ug/L m

response 162216

Ion	Exp%	Act%
114.05	100.00	100.00
63.10	24.10	0.00#
88.10	16.80	0.00#
0.00	0.00	0.00

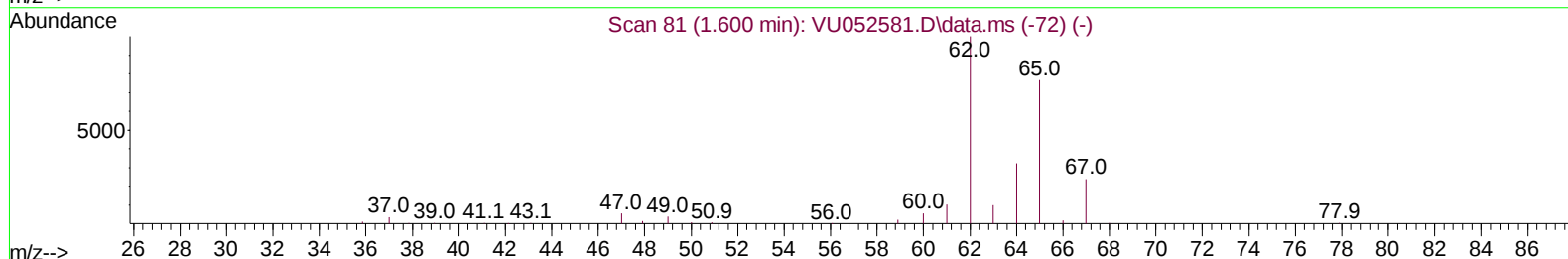
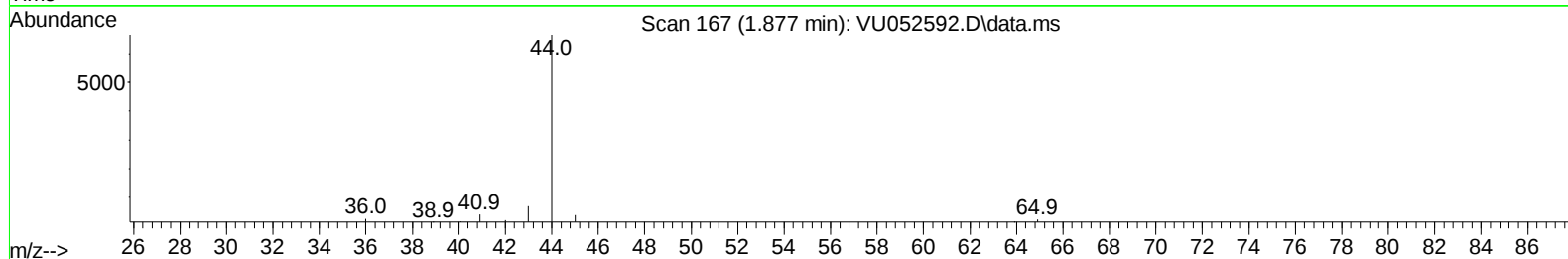
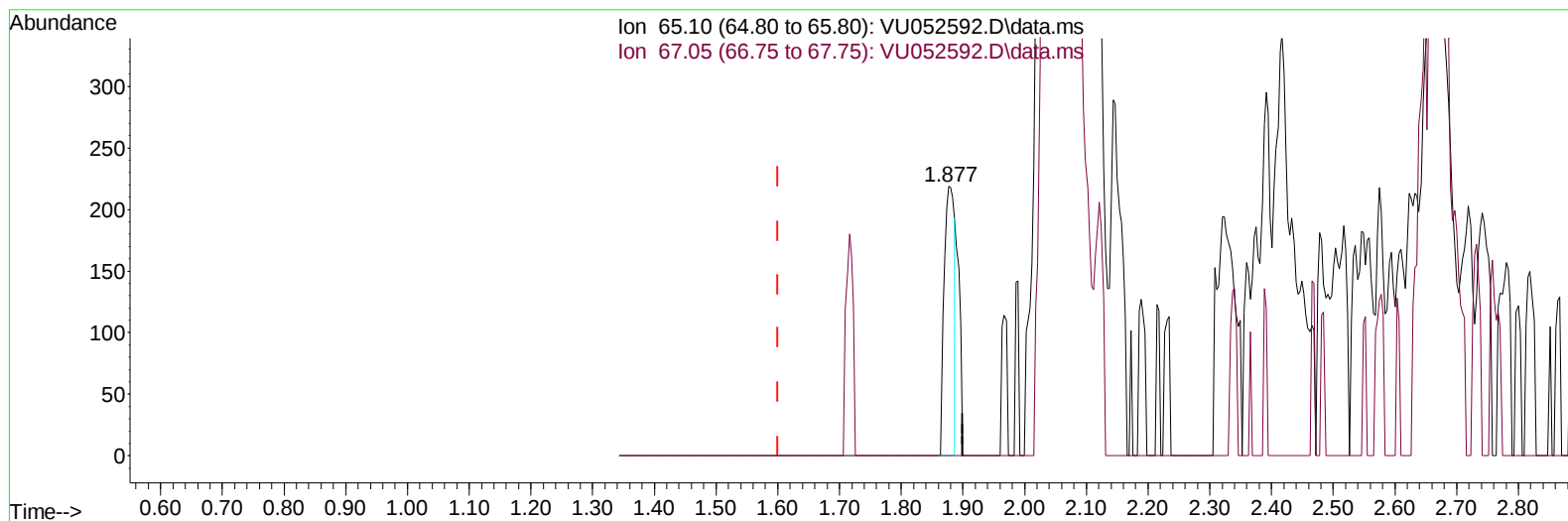
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.877min (+ 0.276) 0.02 ug/L

response 255

Ion	Exp%	Act%
65.10	100.00	100.00
67.05	31.40	55.69#
0.00	0.00	0.00
0.00	0.00	0.00

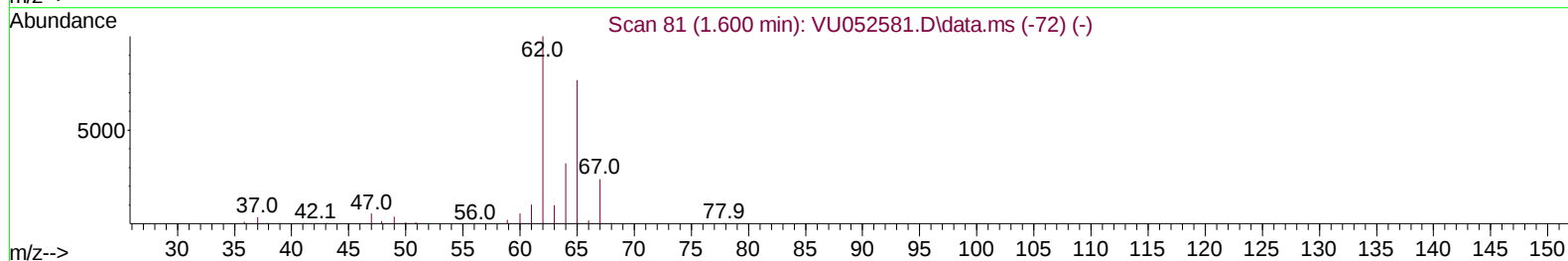
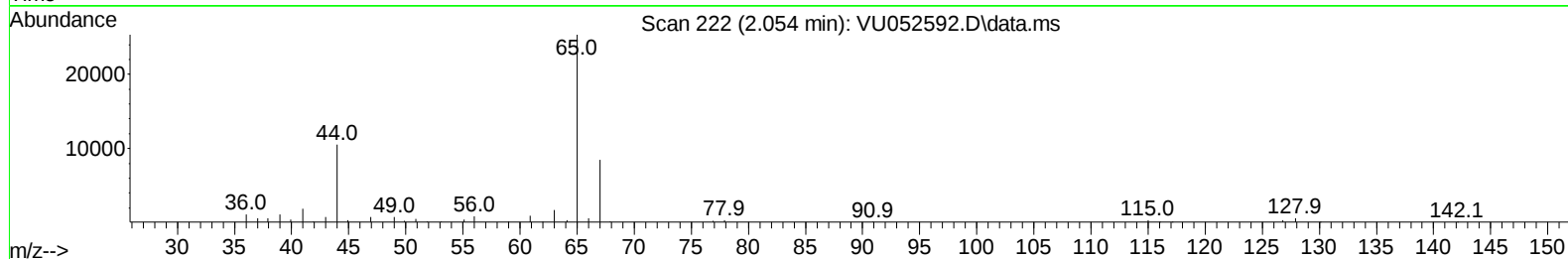
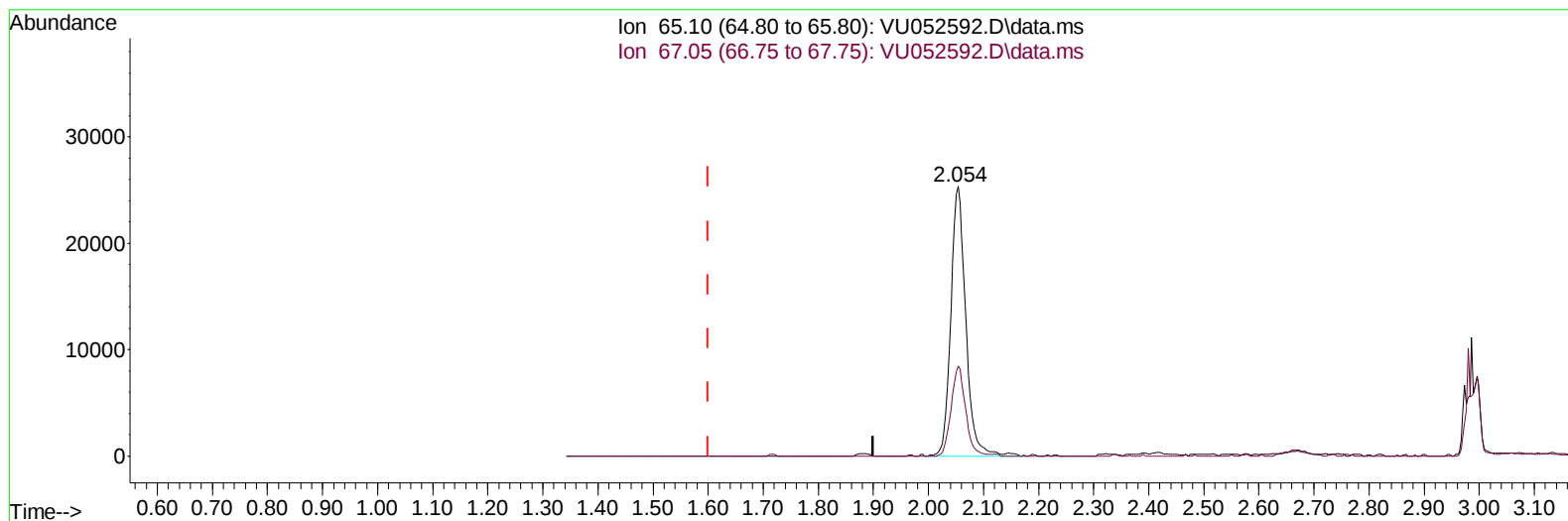
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(4) Vinyl Chloride-d3 (S)

2.054min (+ 0.453) 2.91 ug/L m

response 47818

Ion	Exp%	Act%
65.10	100.00	100.00
67.05	31.40	0.30#
0.00	0.00	0.00
0.00	0.00	0.00

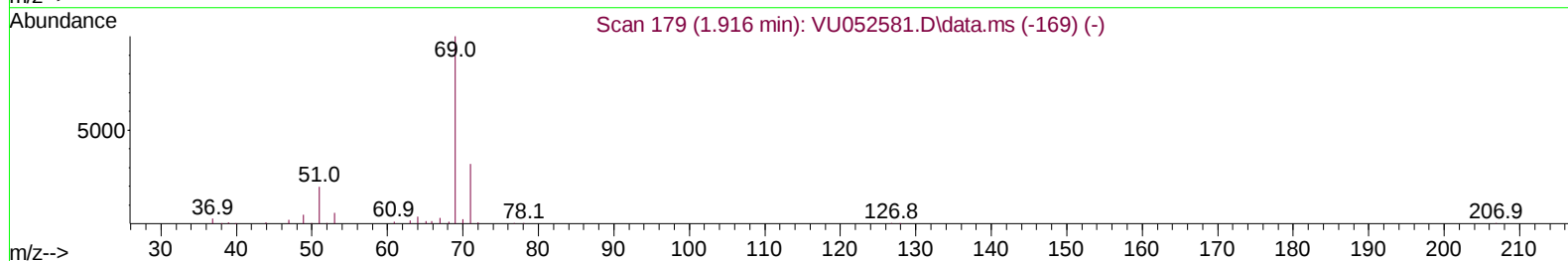
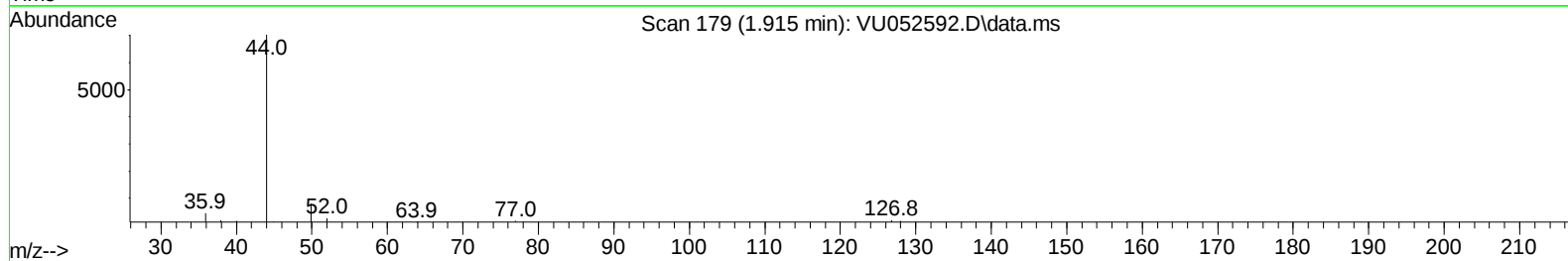
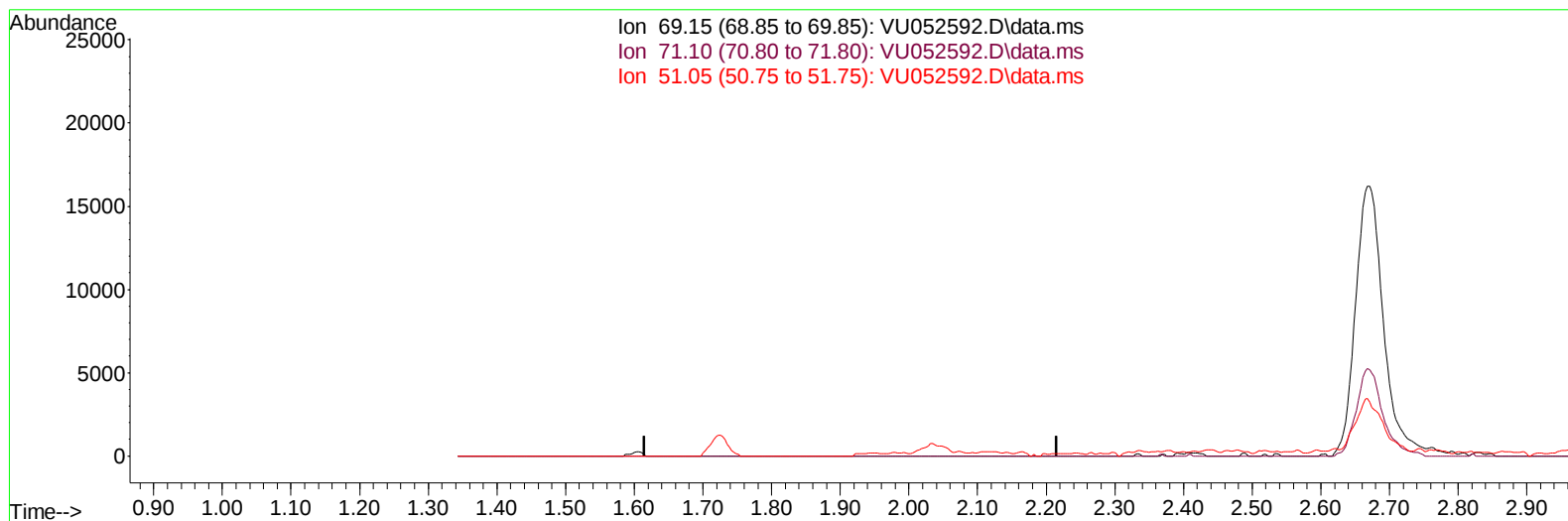
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(7) Chloroethane-d5 (S)

1.916min (-1.916) 0.00 ug/L

response 0

Ion	Exp%	Act%
69.15	100.00	0.00
71.10	31.20	0.00#
51.05	26.00	0.00#
0.00	0.00	0.00

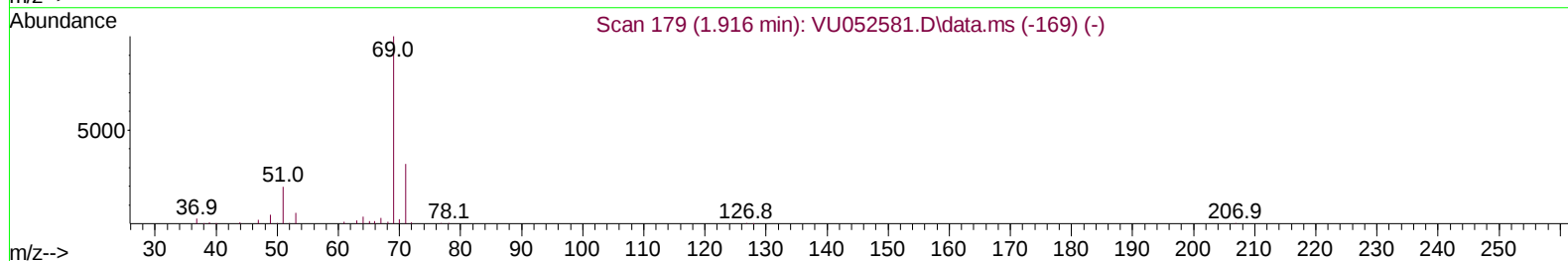
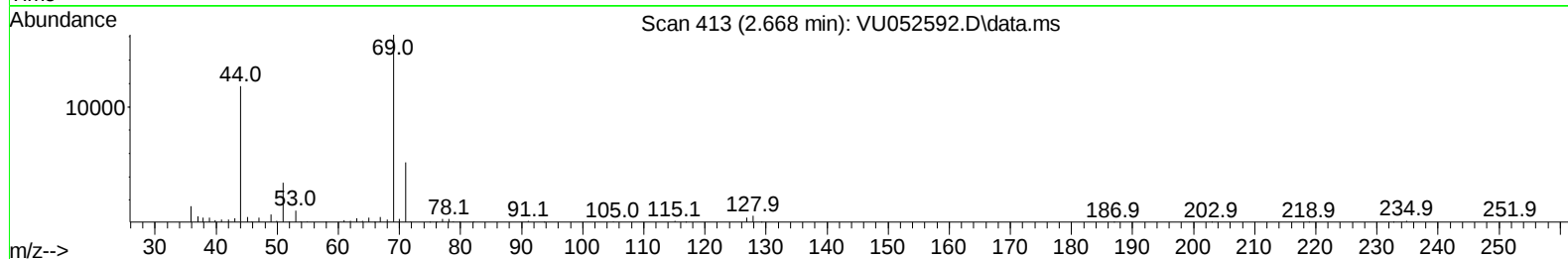
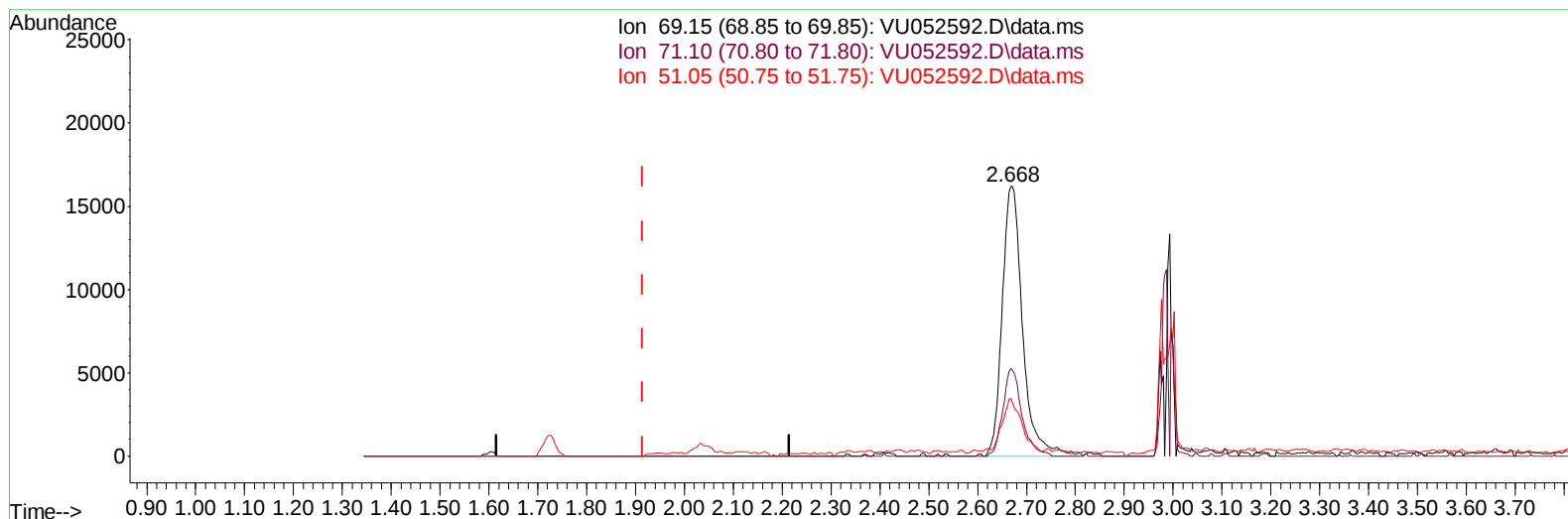
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(7) Chloroethane-d5 (S)

2.668min (+ 0.752) 3.29 ug/L m

response 46642

Ion	Exp%	Act%
69.15	100.00	100.00
71.10	31.20	0.00#
51.05	26.00	0.00#
0.00	0.00	0.00

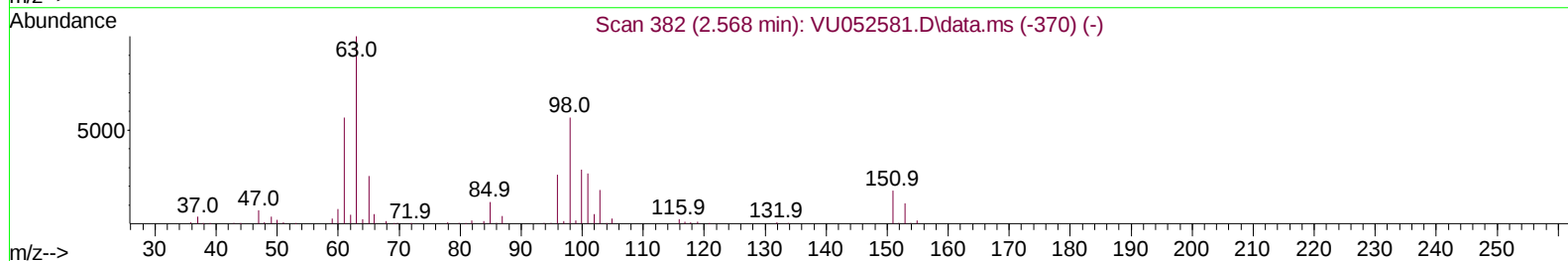
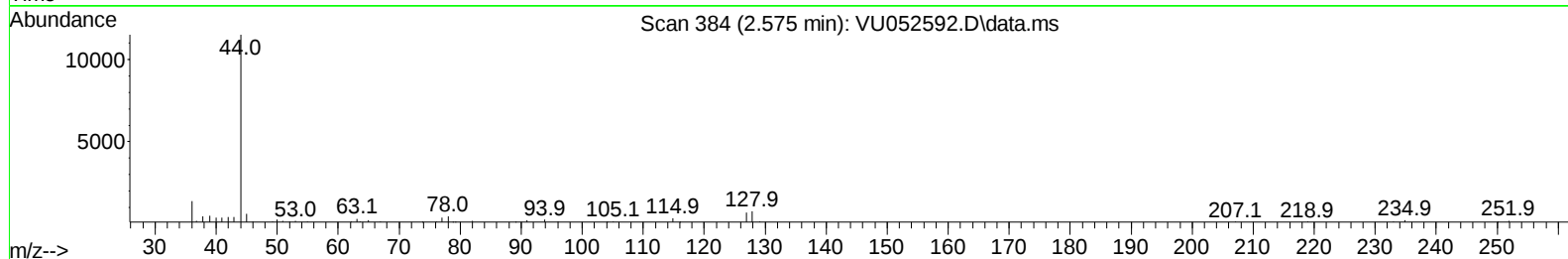
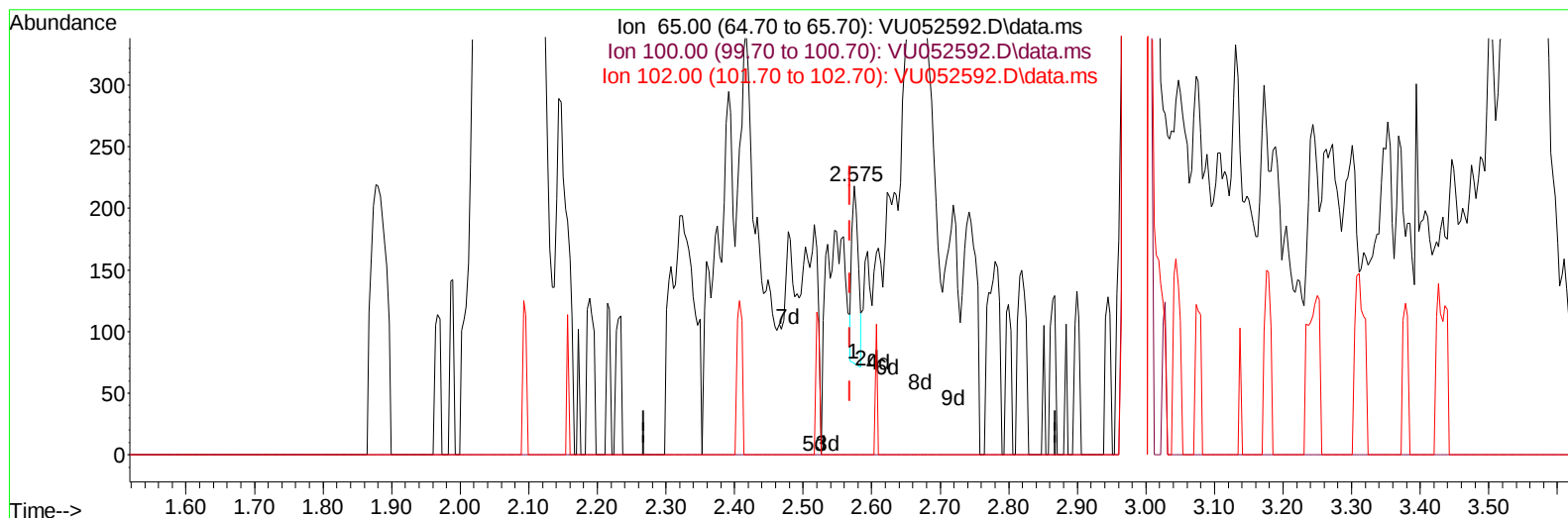
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 3

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.575min (+ 0.006) 0.01 ug/L

response 95

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	124.20	0.00#
102.00	18.70	0.00#
0.00	0.00	0.00

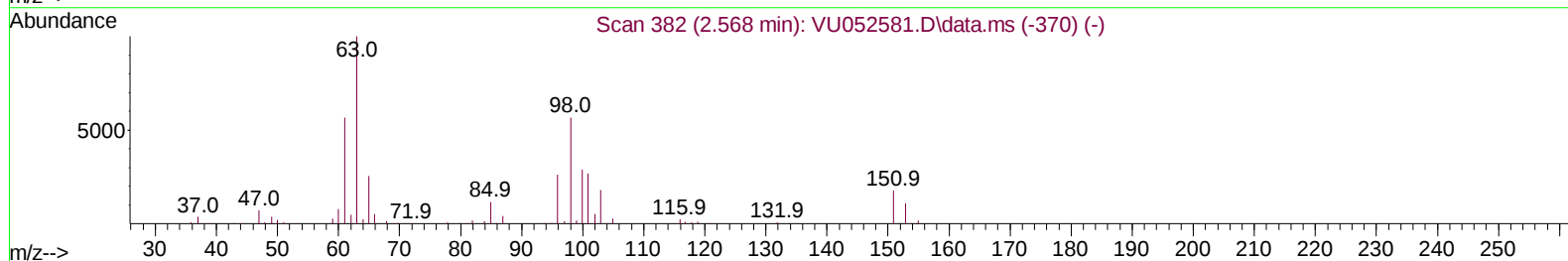
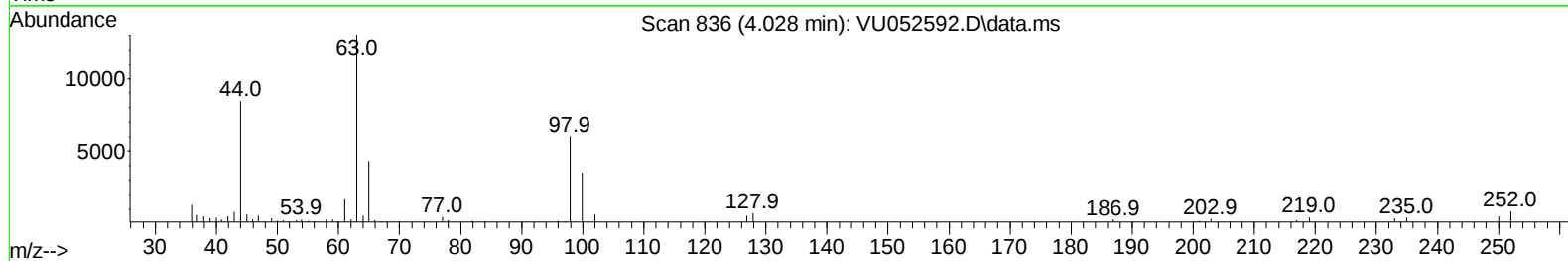
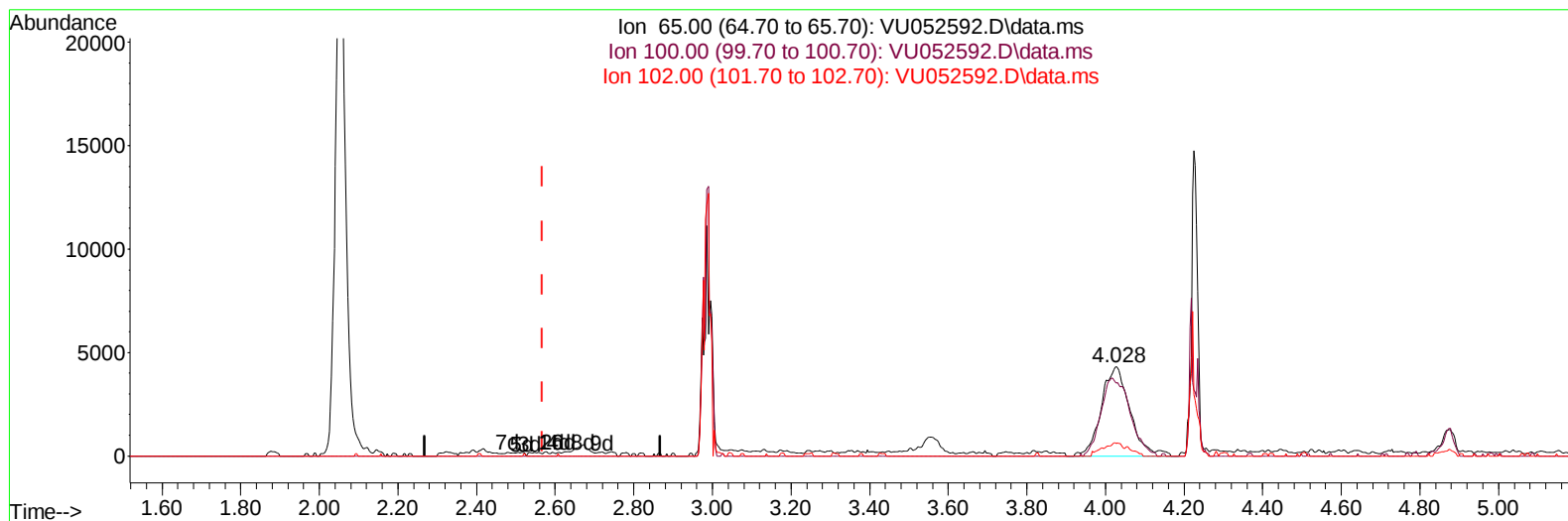
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration



TIC: VU052592.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.028min (+ 1.460) 3.08 ug/L m

response 21747

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	124.20	0.00#
102.00	18.70	0.00#
0.00	0.00	0.00

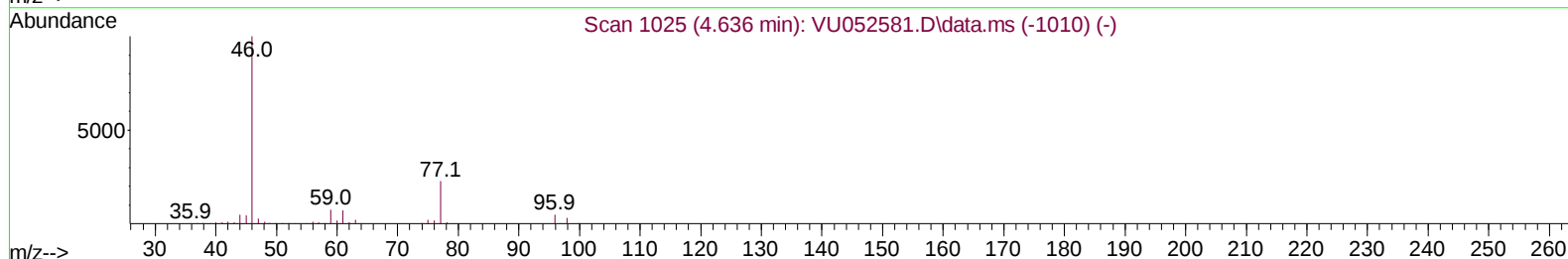
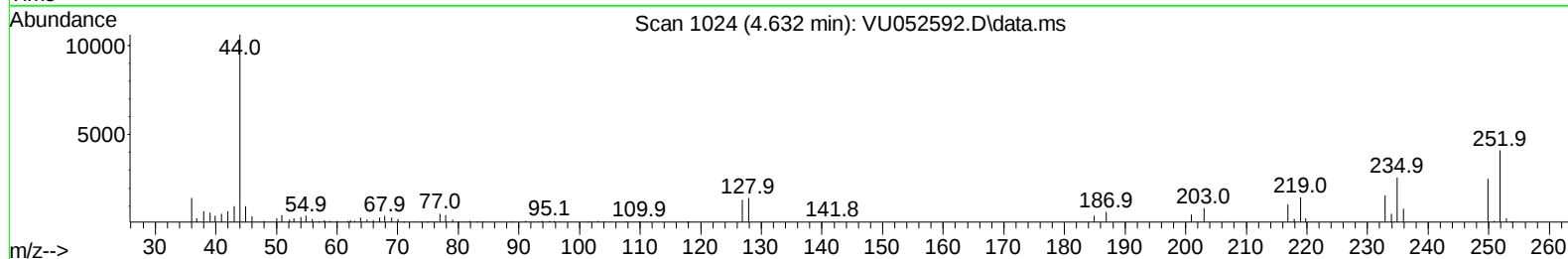
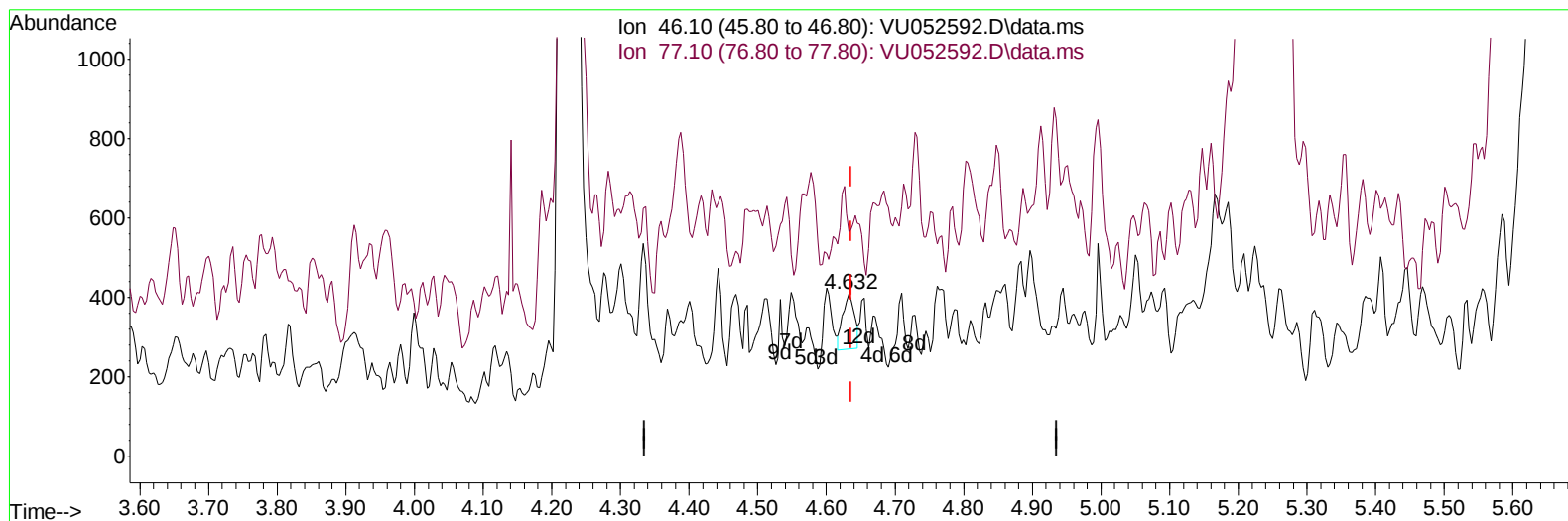
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
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Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(20) 2-Butanone-d5 (S)

4.632min (-0.003) 0.03 ug/L

response 166

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.60	122.89#
0.00	0.00	0.00
0.00	0.00	0.00

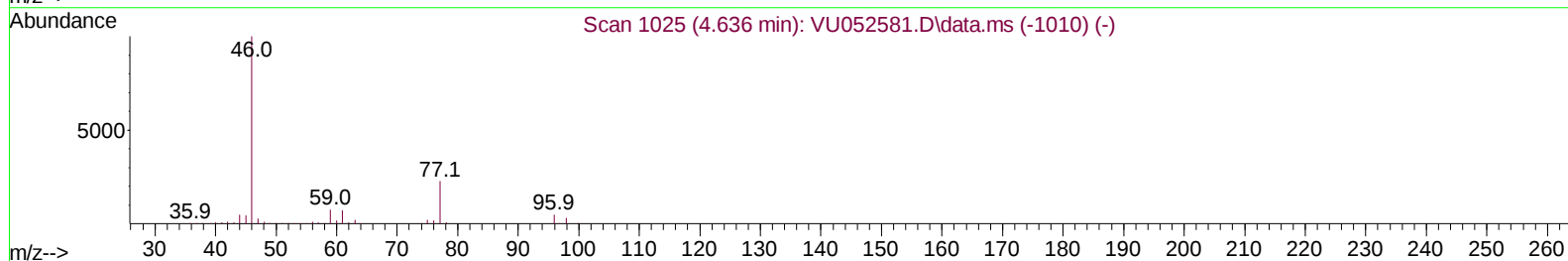
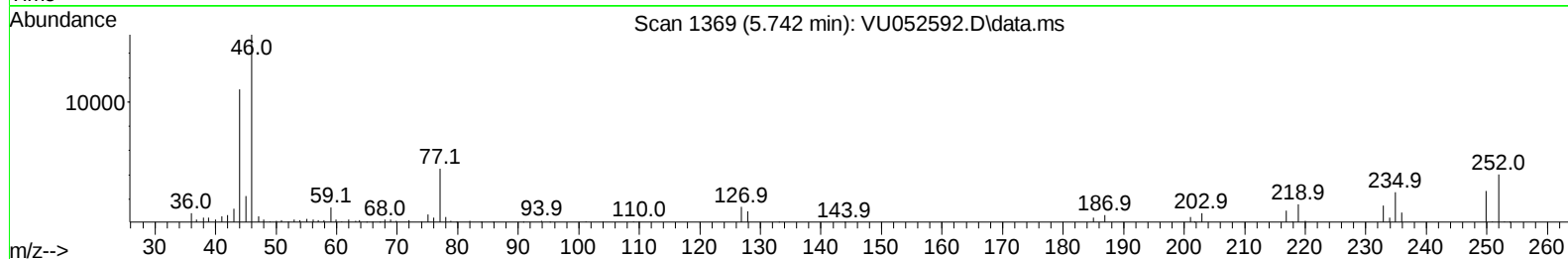
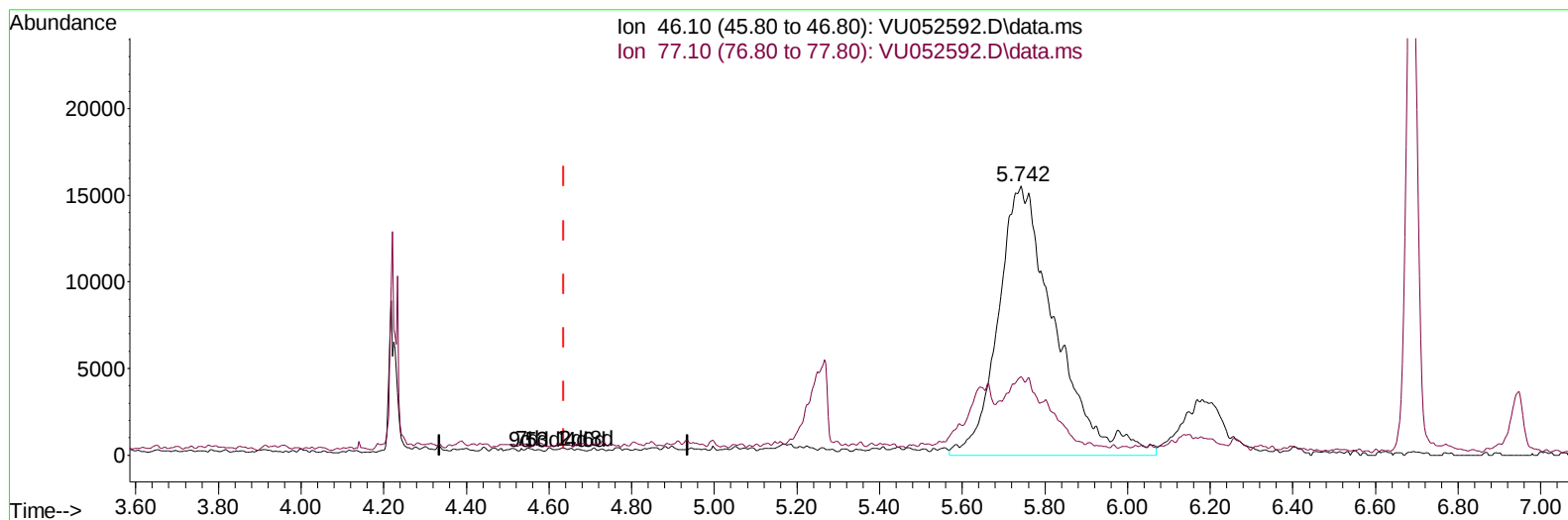
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(20) 2-Butanone-d5 (S)

5.742min (+ 1.106) 29.08 ug/L m

response 148192

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.60	0.14#
0.00	0.00	0.00
0.00	0.00	0.00

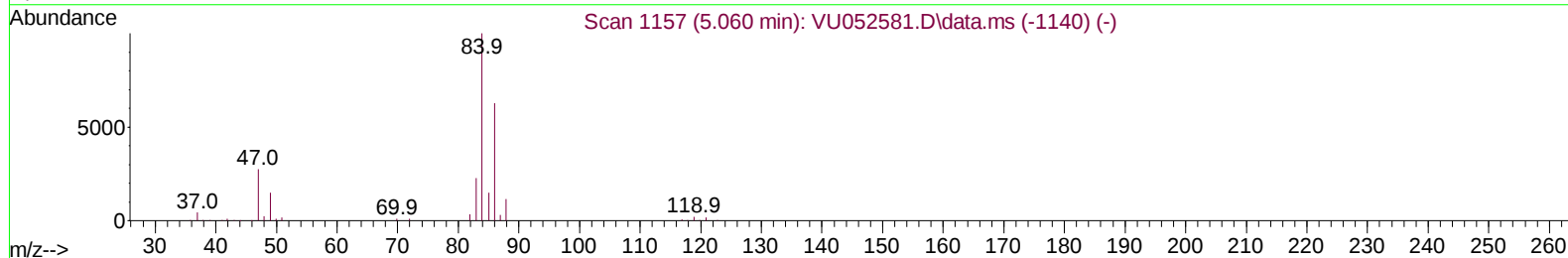
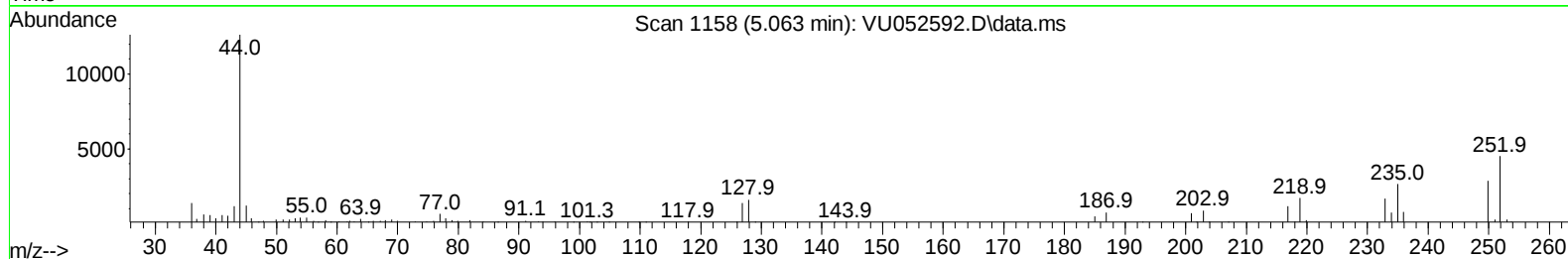
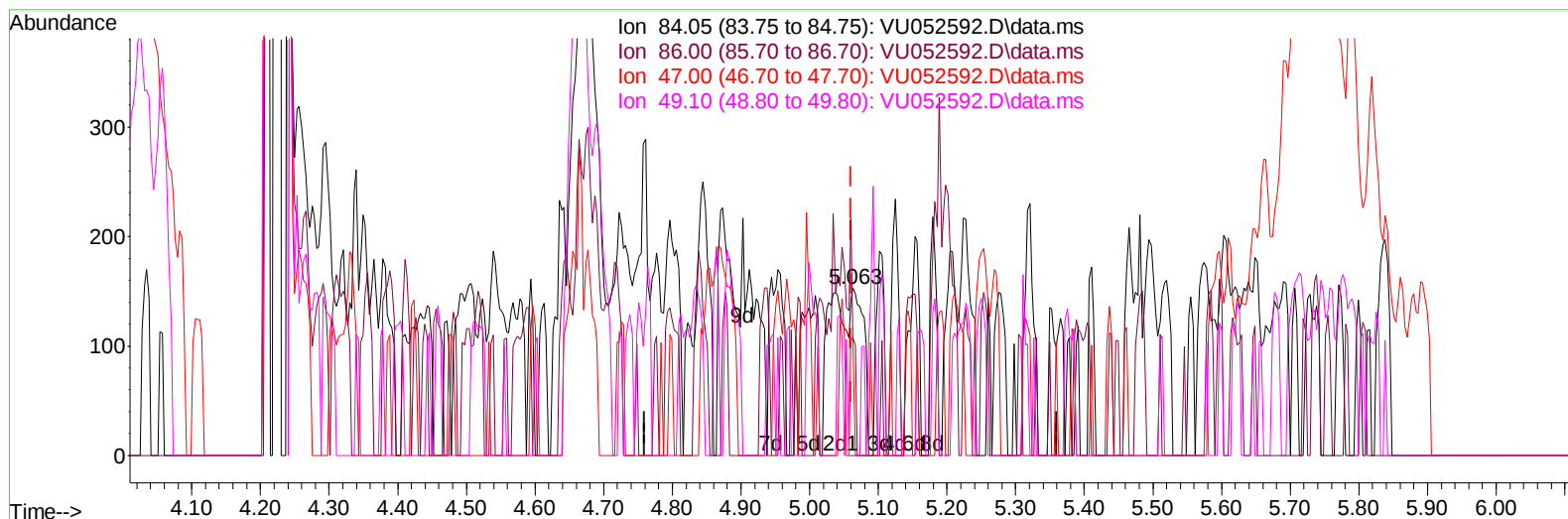
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
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 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(24) Chloroform-d (S)

5.063min (+ 0.003) 0.01 ug/L

response 207

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	62.60	0.00#
47.00	46.60	19.81#
49.10	27.30	18.84#

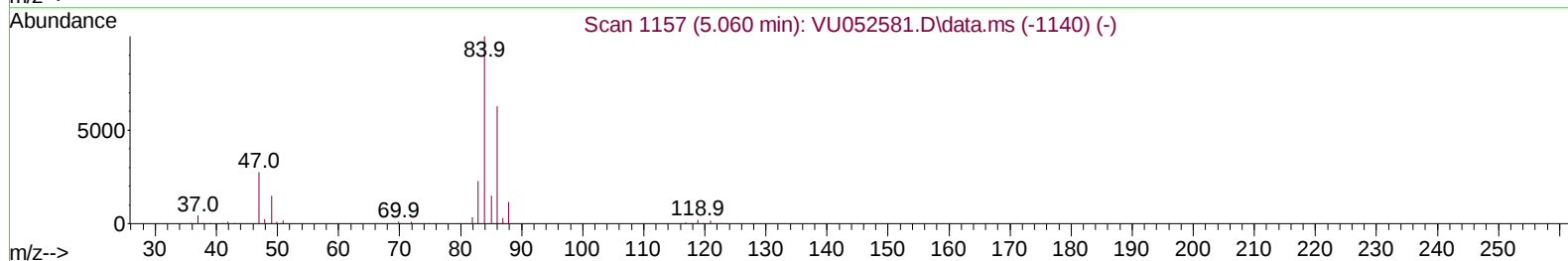
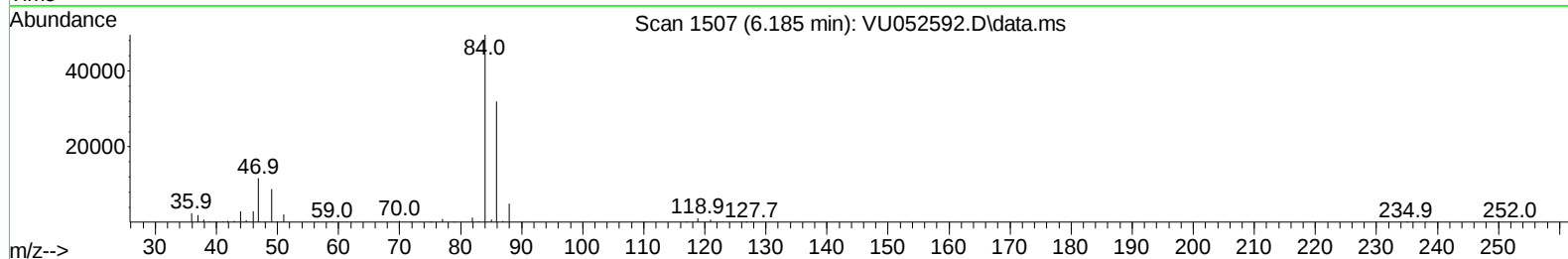
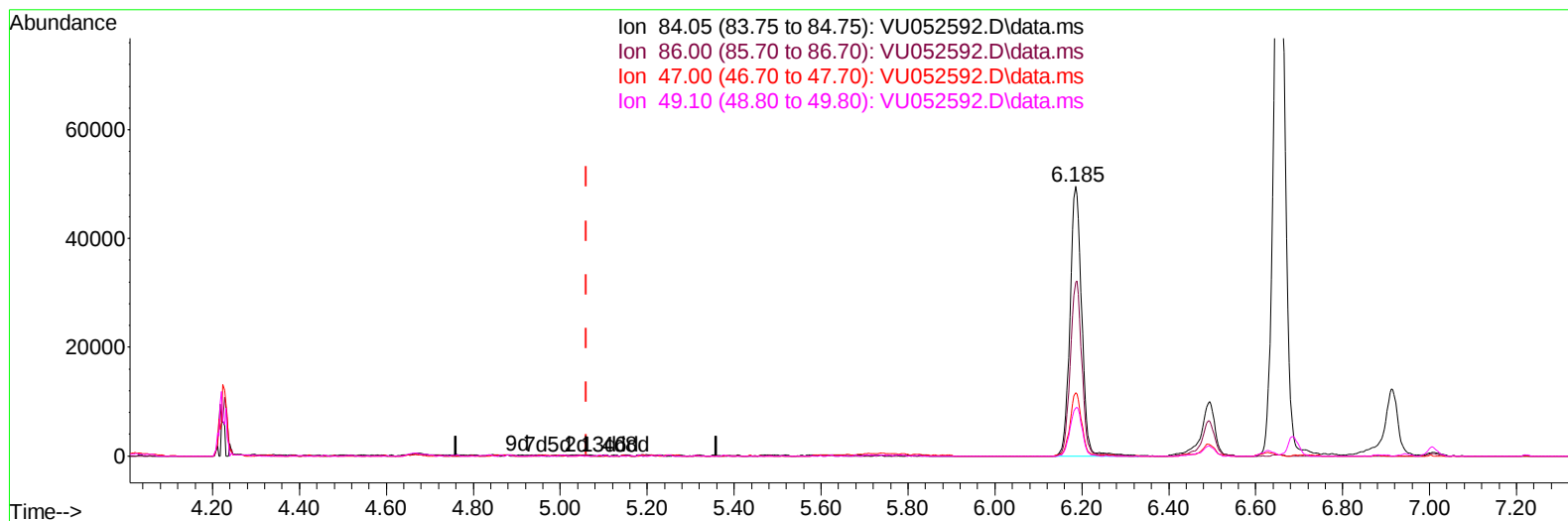
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(24) Chloroform-d (S)

6.185min (+ 1.125) 3.33 ug/L m

response 92470

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	62.60	0.00#
47.00	46.60	0.04#
49.10	27.30	0.04#

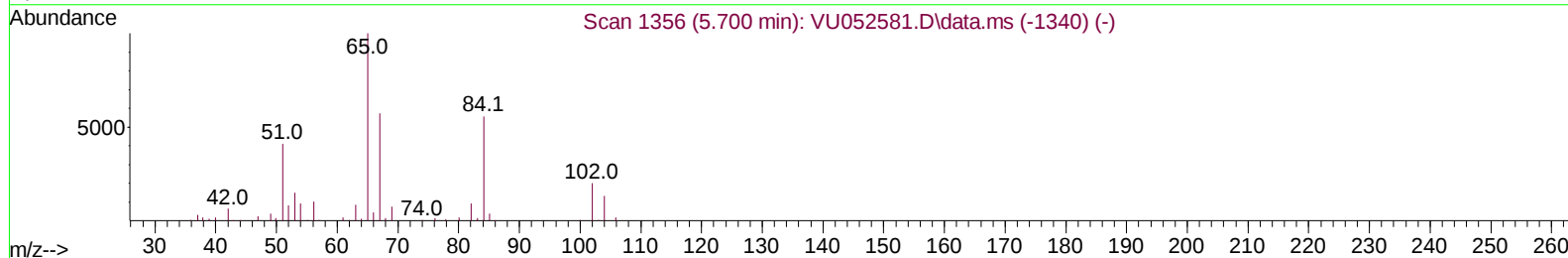
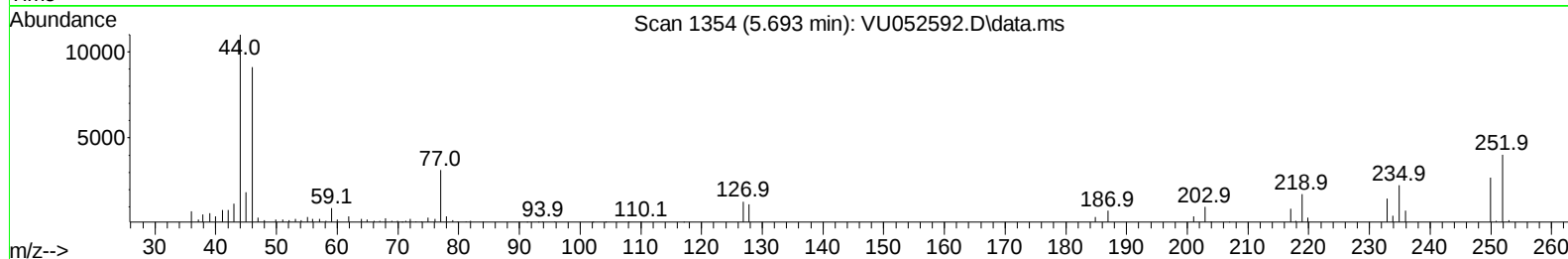
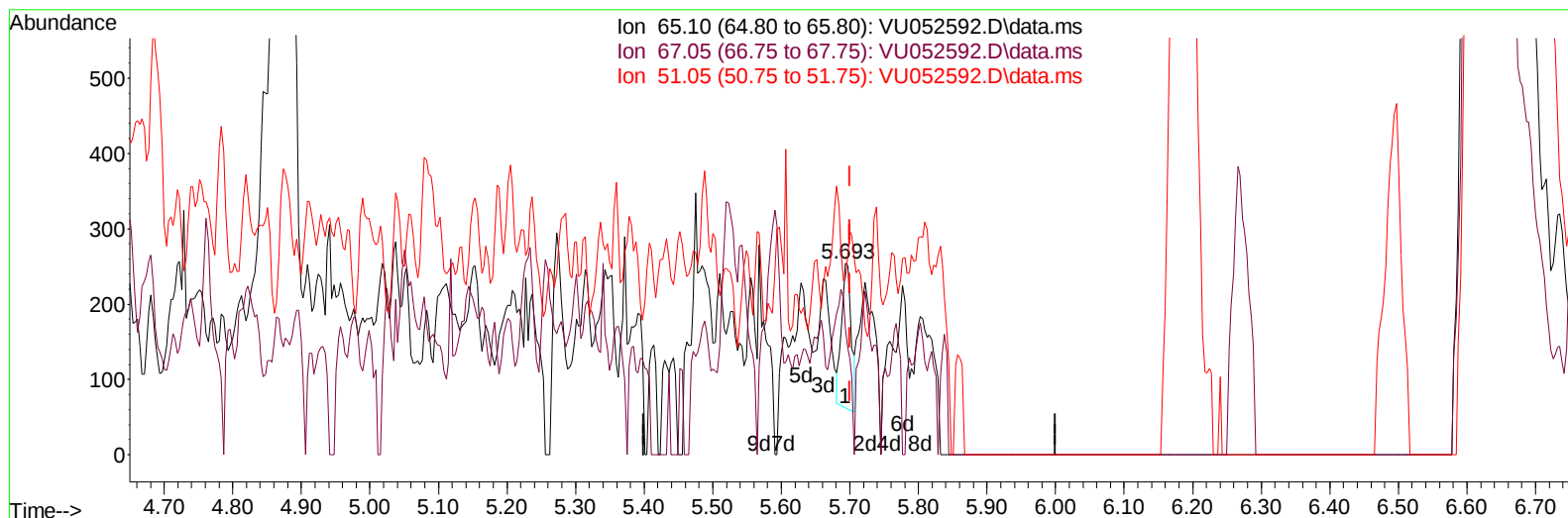
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

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

5.693min (-0.006) 0.01 ug/L

response 190

Ion	Exp%	Act%
65.10	100.00	100.00
67.05	53.80	184.21#
51.05	39.50	81.05#
0.00	0.00	0.00

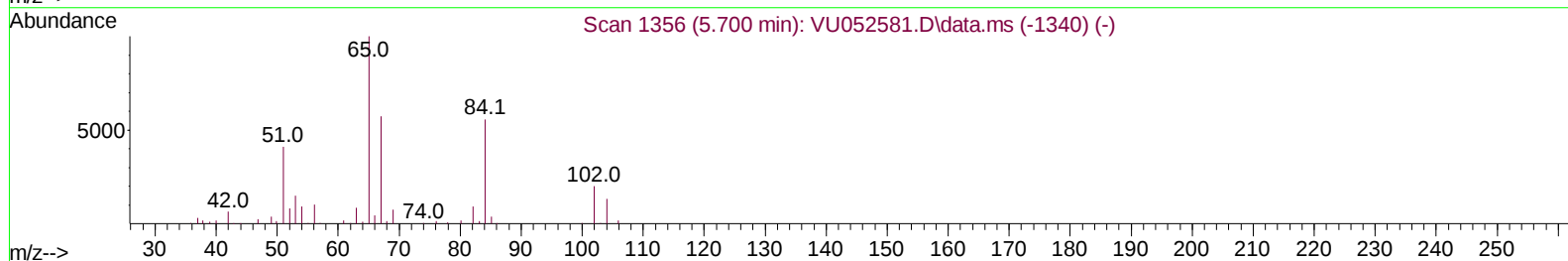
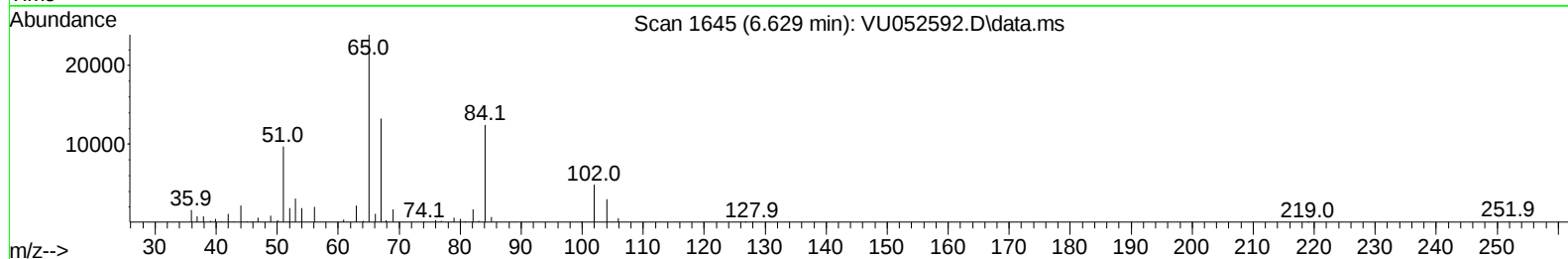
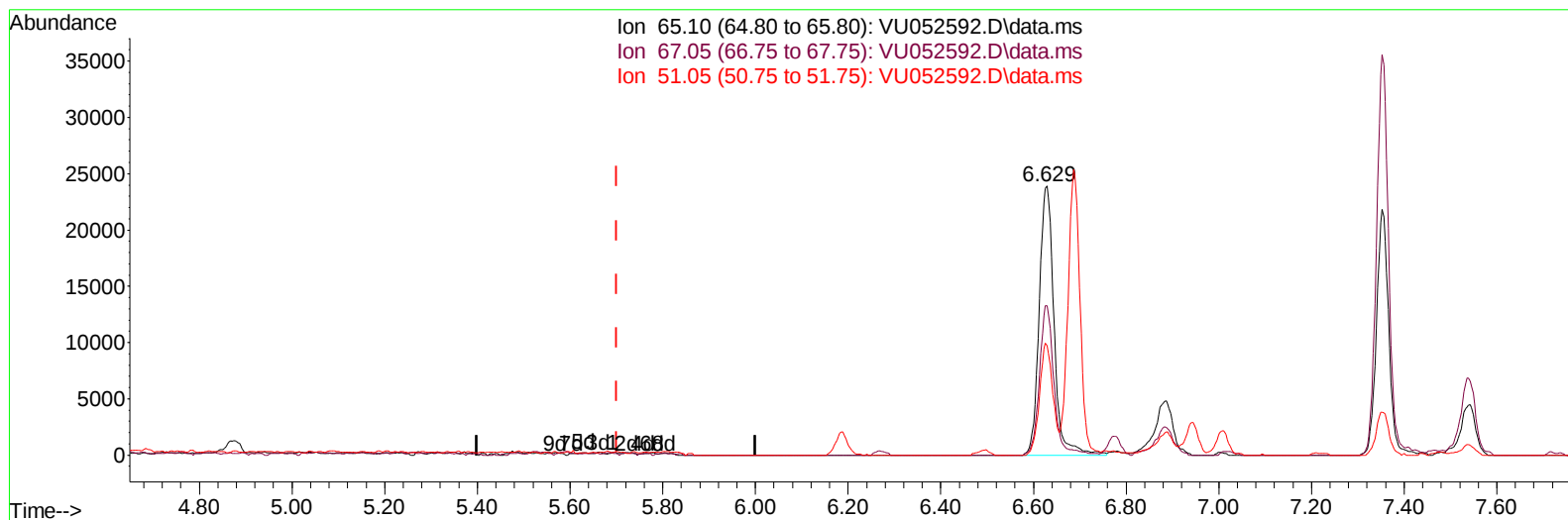
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 3

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

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

6.629min (+ 0.929) 3.28 ug/L m

response 52746

Ion	Exp%	Act%
65.10	100.00	100.00
67.05	53.80	0.66#
51.05	39.50	0.29#
0.00	0.00	0.00

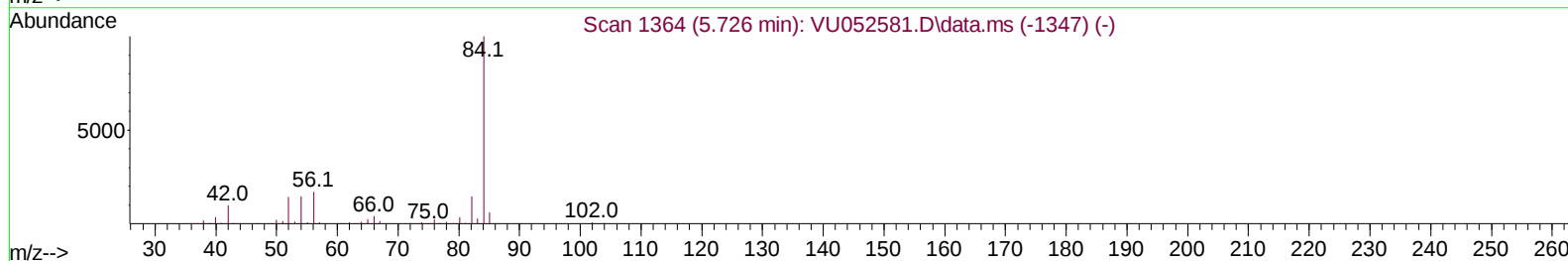
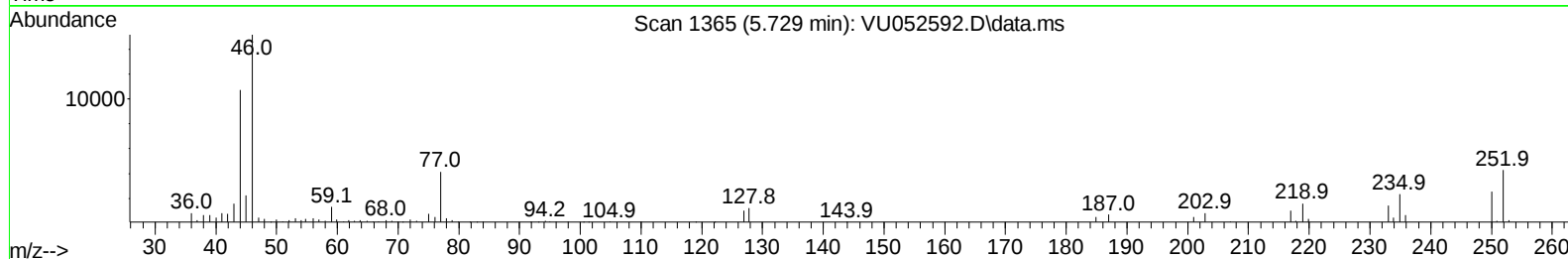
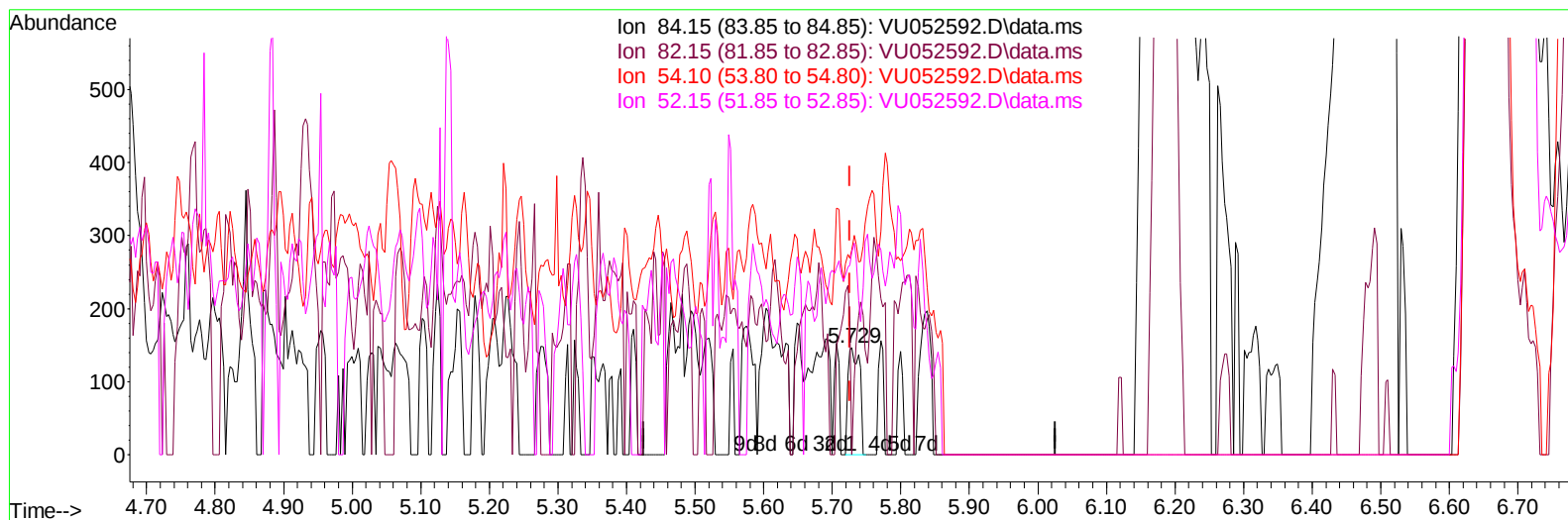
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(32) Benzene-d6 (S)

5.729min (+ 0.003) 0.00 ug/L

response 175

Ion	Exp%	Act%
84.15	100.00	100.00
82.15	15.00	145.14#
54.10	15.70	0.00#
52.15	14.50	0.00#

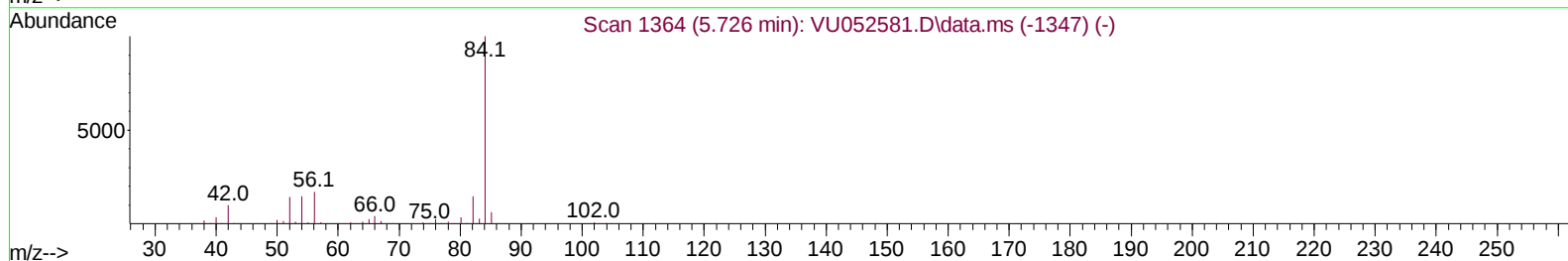
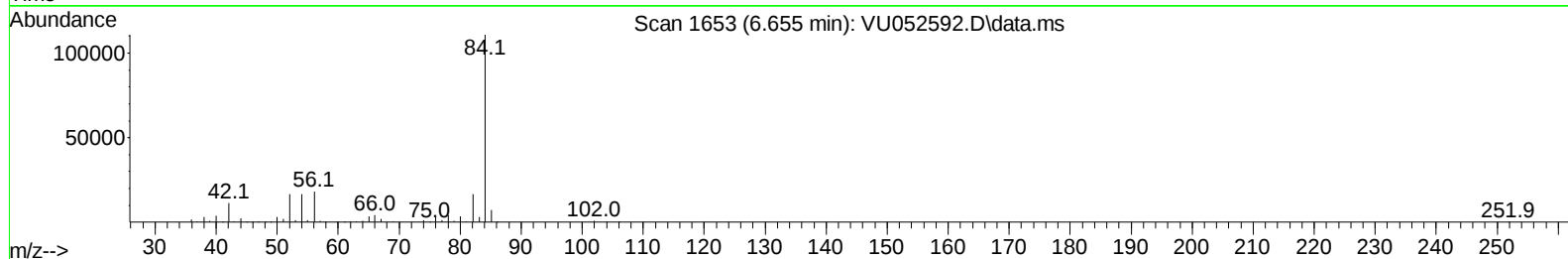
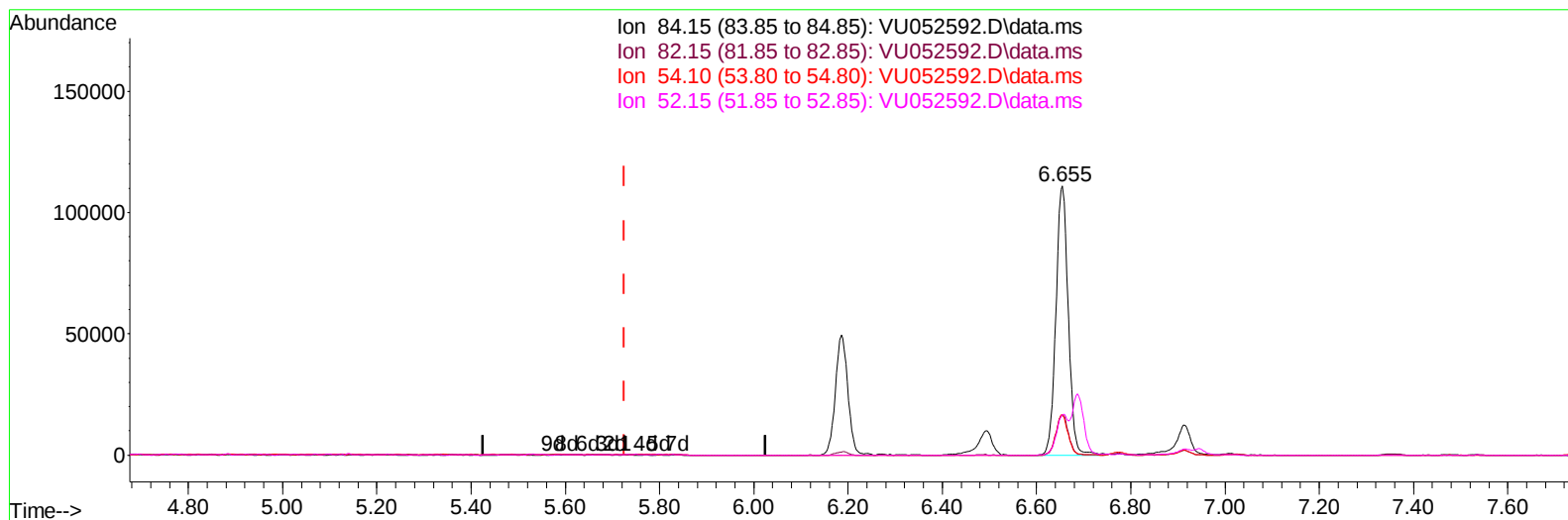
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(32) Benzene-d6 (S)

6.655min (+ 0.929) 3.85 ug/L m

response 201325

Ion	Exp%	Act%
84.15	100.00	100.00
82.15	15.00	0.13#
54.10	15.70	0.00#
52.15	14.50	0.00#

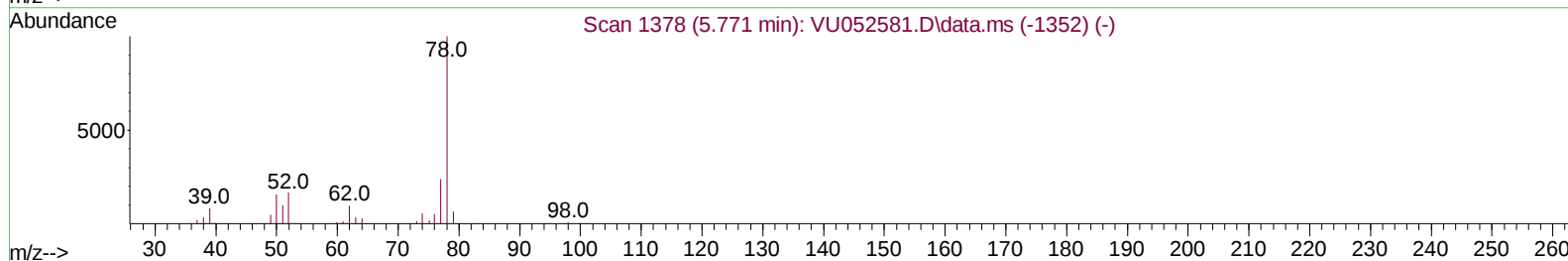
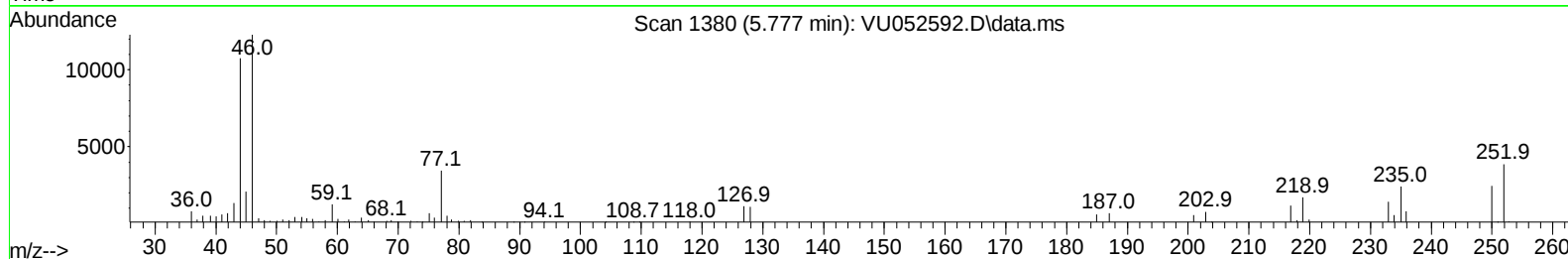
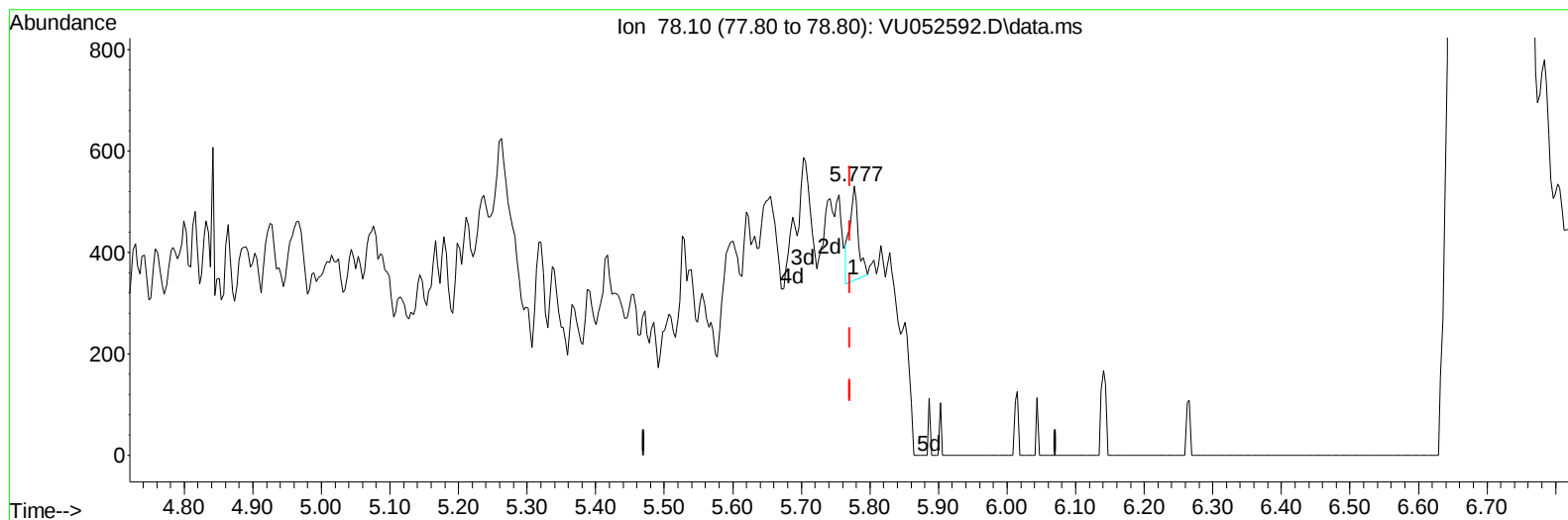
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration



TIC: VU052592.D\data.ms

(33) Benzene (T)

5.777min (+ 0.006) 0.00 ug/L

response 165

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

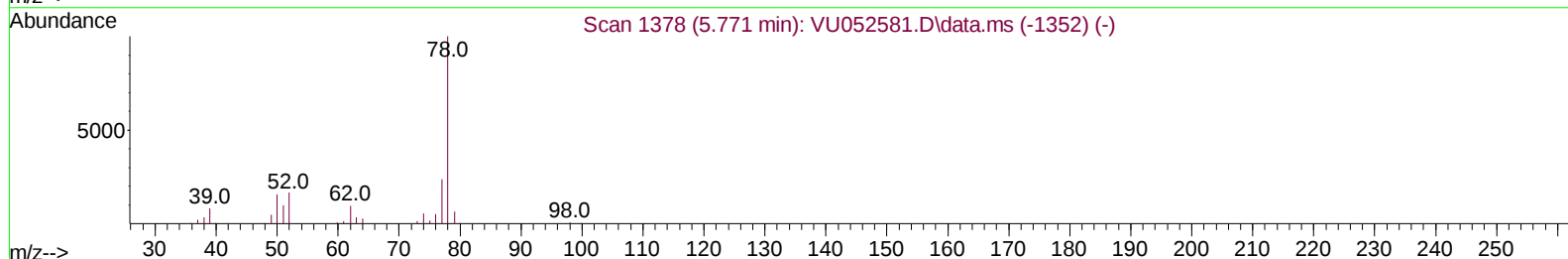
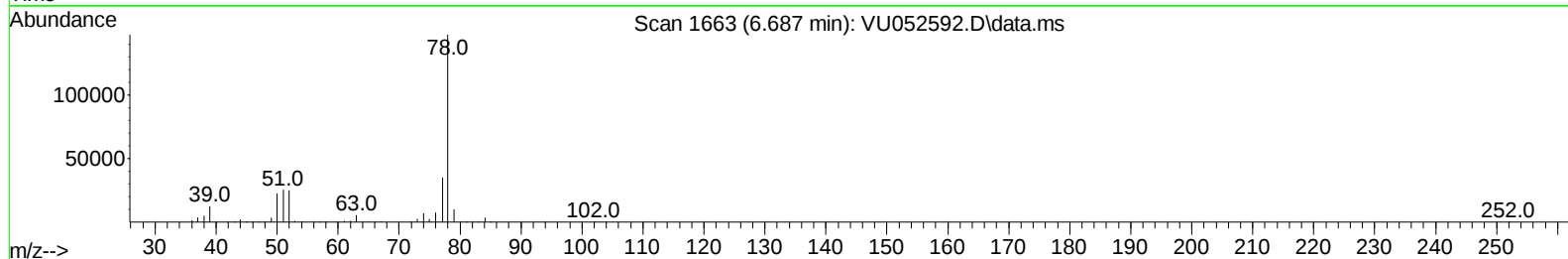
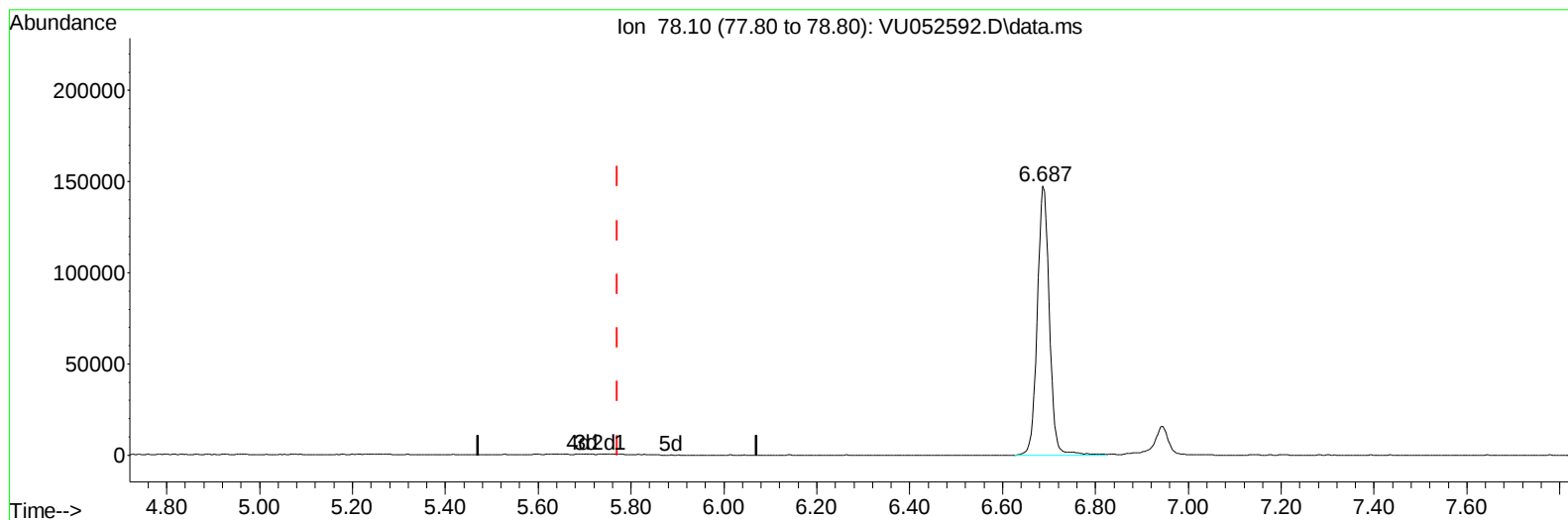
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 3

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(33) Benzene (T)

6.687min (+ 0.916) 4.81 ug/L m

response 264629

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

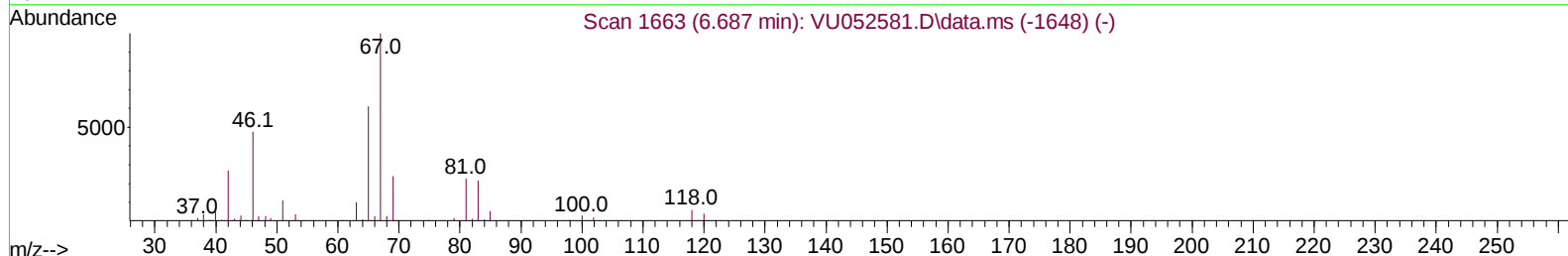
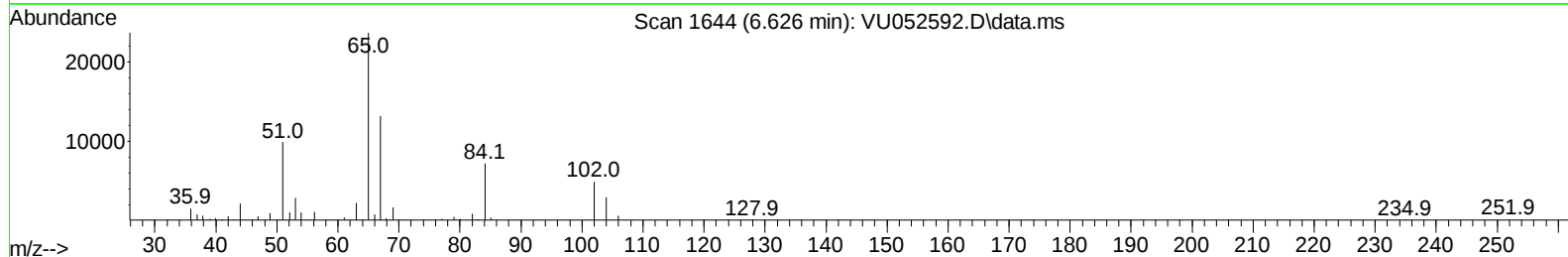
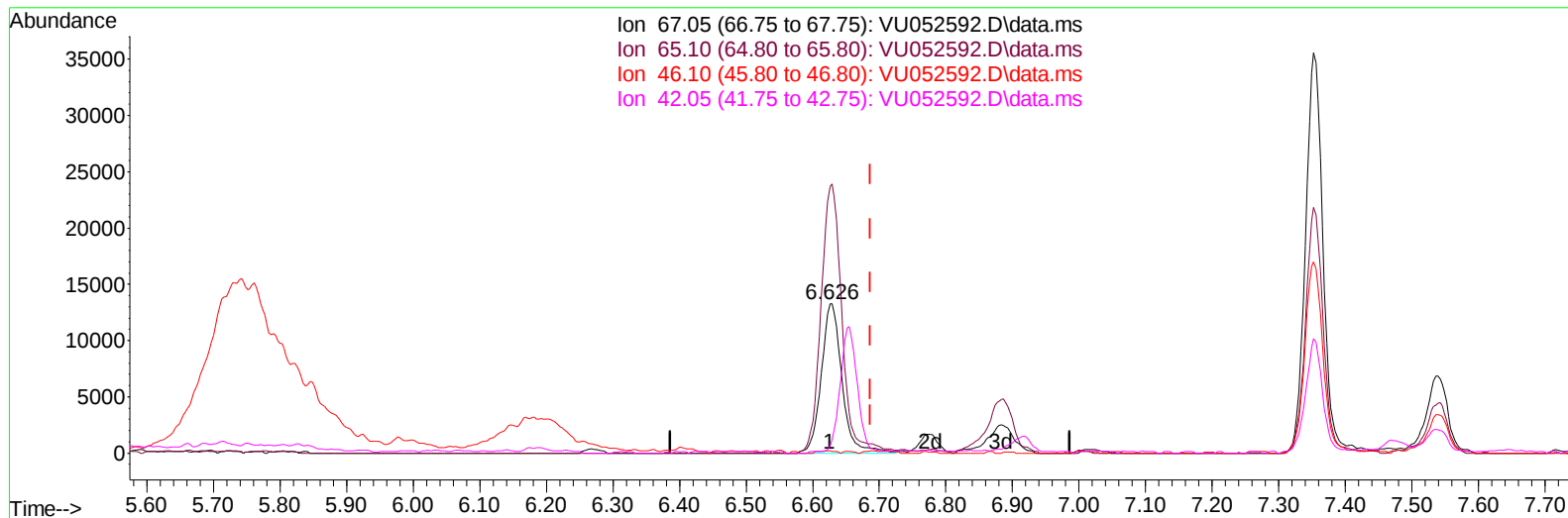
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

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

6.626min (-0.061) 1.59 ug/L

response 28587

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	64.20	182.69#
46.10	49.50	0.90#
42.05	28.40	0.00#

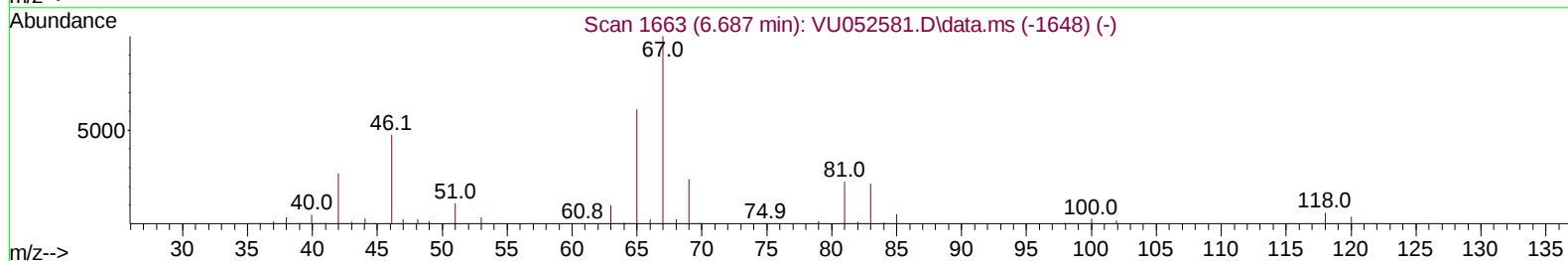
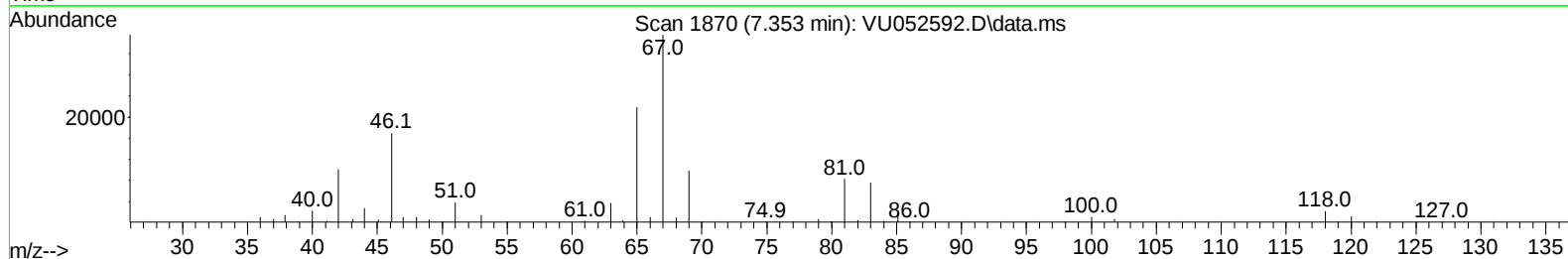
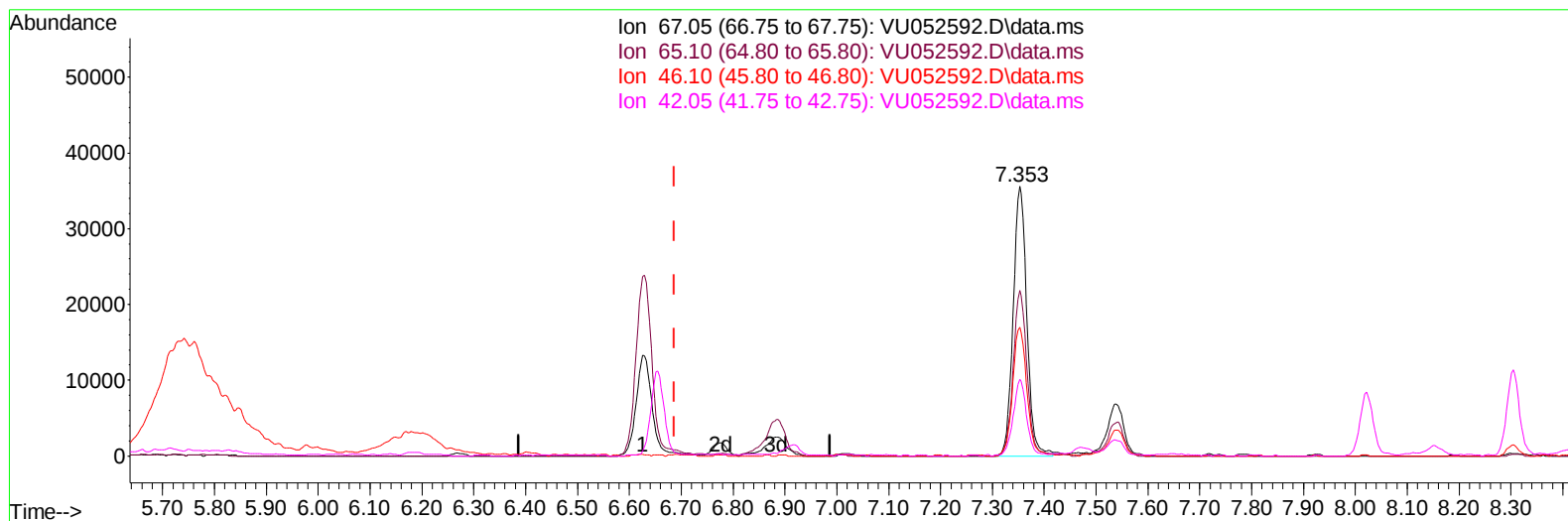
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 3

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

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

7.353min (+ 0.666) 3.59 ug/L m

response 64598

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	64.20	80.85
46.10	49.50	0.40#
42.05	28.40	0.00#

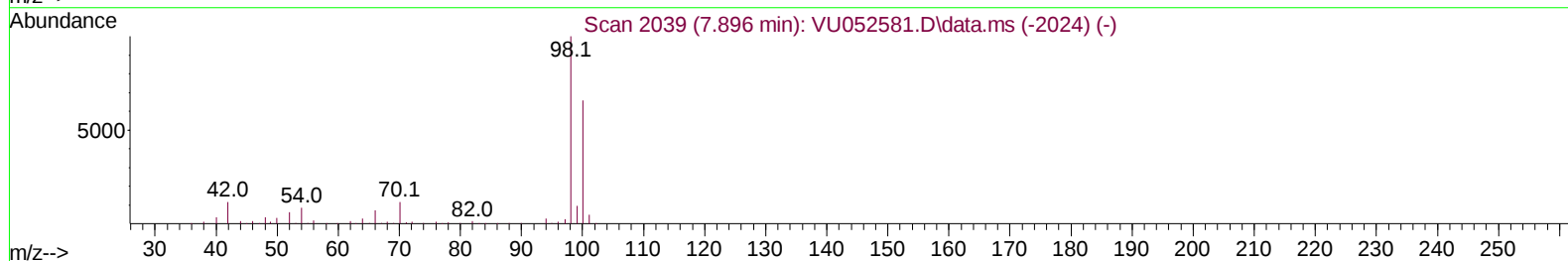
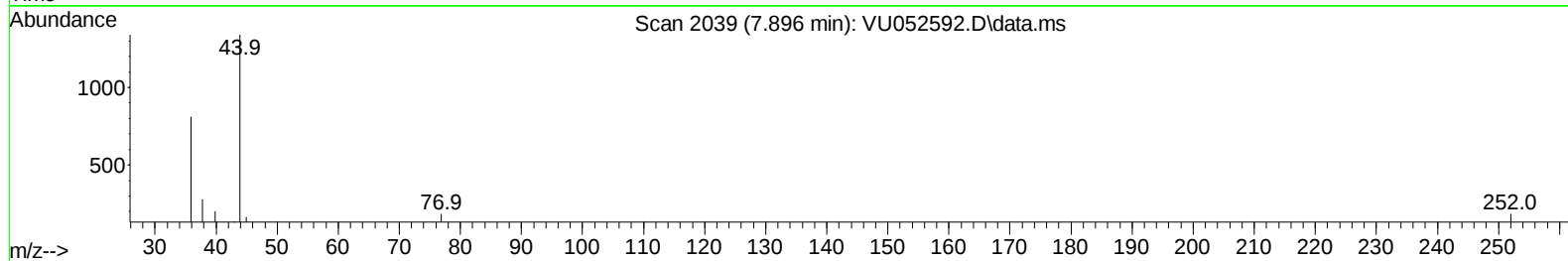
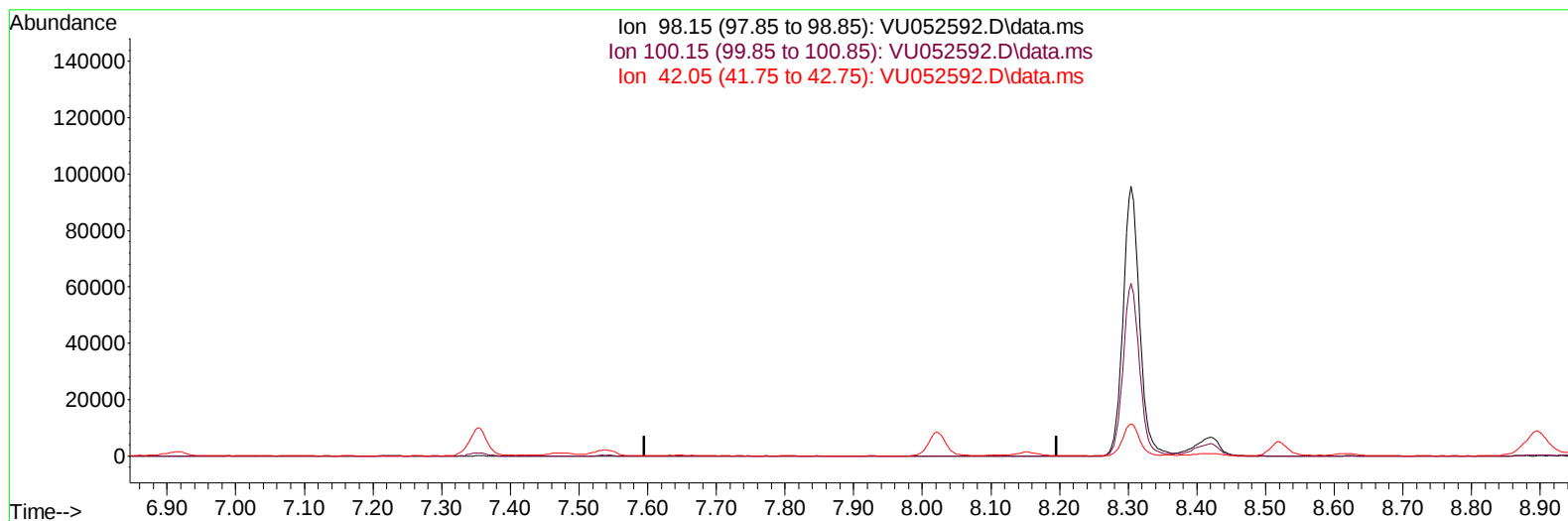
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration



TIC: VU052592.D\data.ms

(41) Toluene-d8 (S)

7.896min (-7.896) 0.00 ug/L

response 0

Ion	Exp%	Act%
98.15	100.00	0.00
100.15	65.20	0.00#
42.05	12.20	0.00#
0.00	0.00	0.00

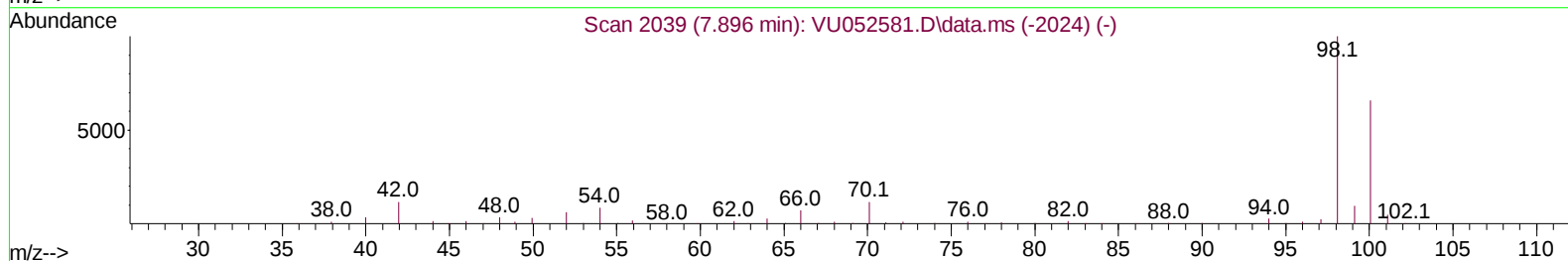
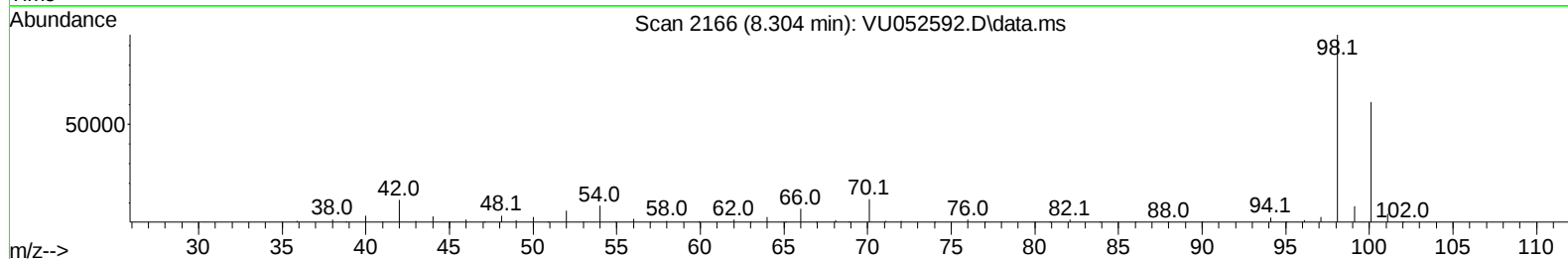
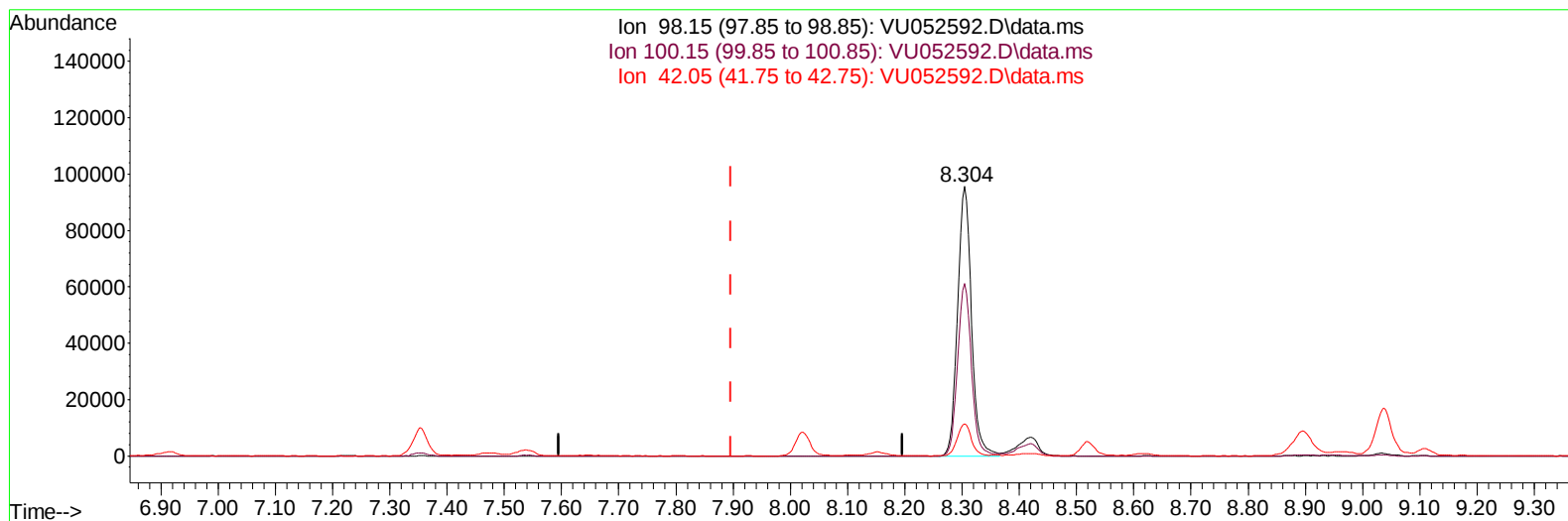
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(41) Toluene-d8 (S)

8.304min (+ 0.408) 3.65 ug/L m

response 160181

Ion	Exp%	Act%
98.15	100.00	100.00
100.15	65.20	0.00#
42.05	12.20	0.00#
0.00	0.00	0.00

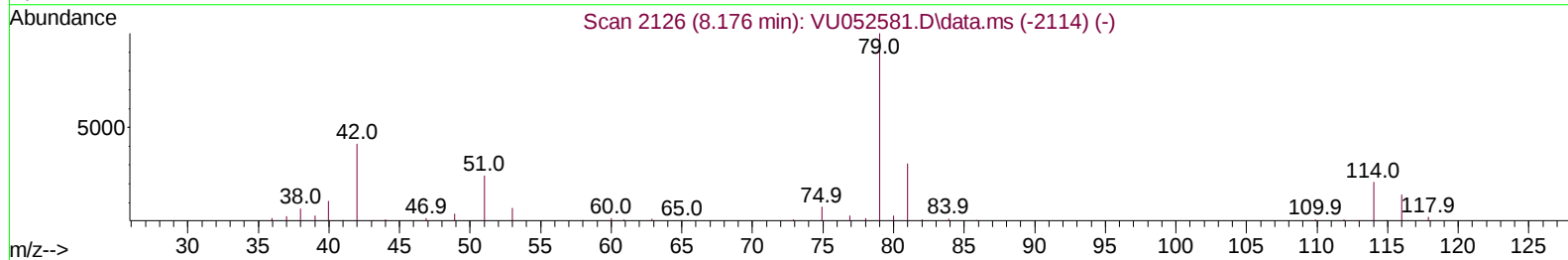
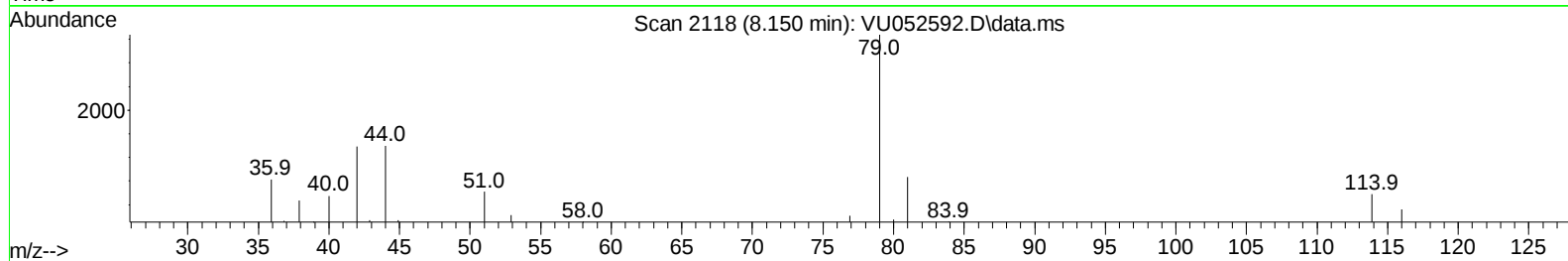
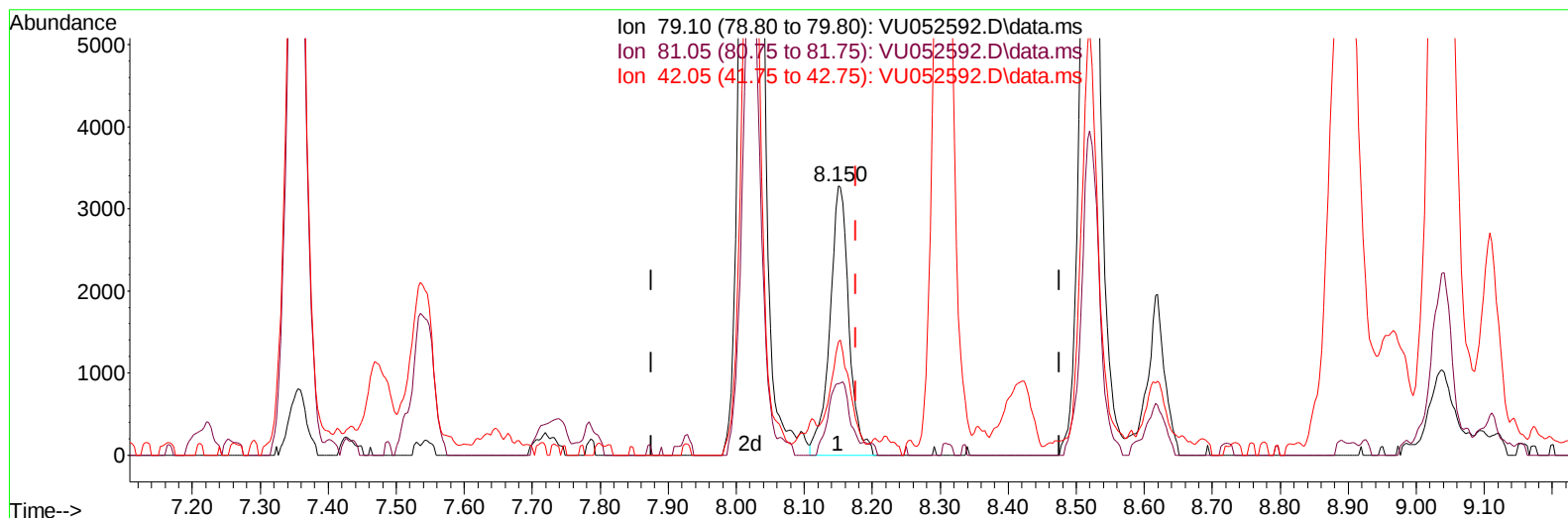
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

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

8.150min (-0.026) 1.03 ug/L

response 6385

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	30.60	33.83
42.05	43.30	40.31
0.00	0.00	0.00

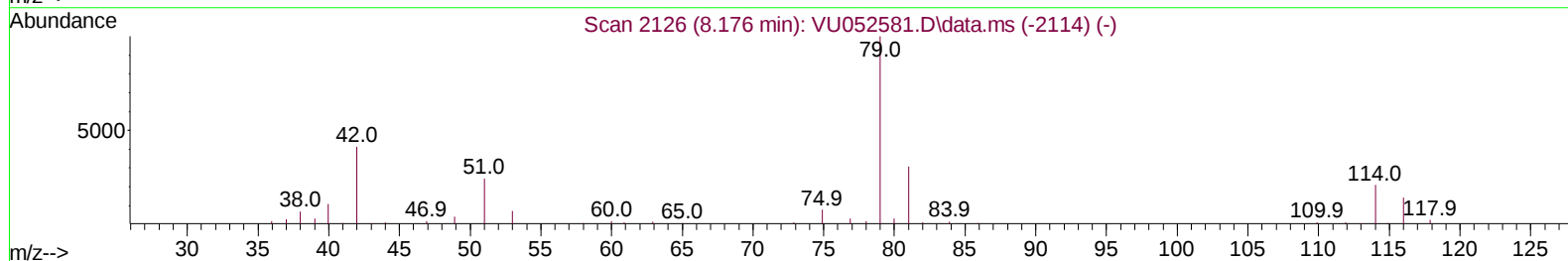
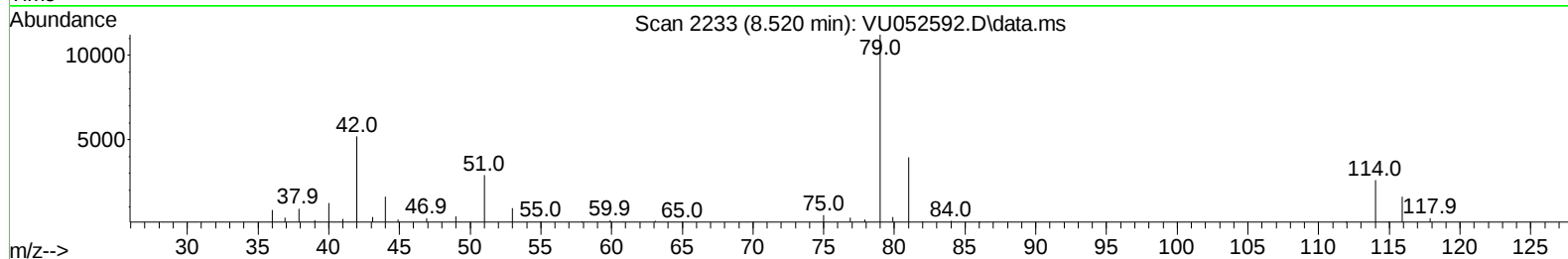
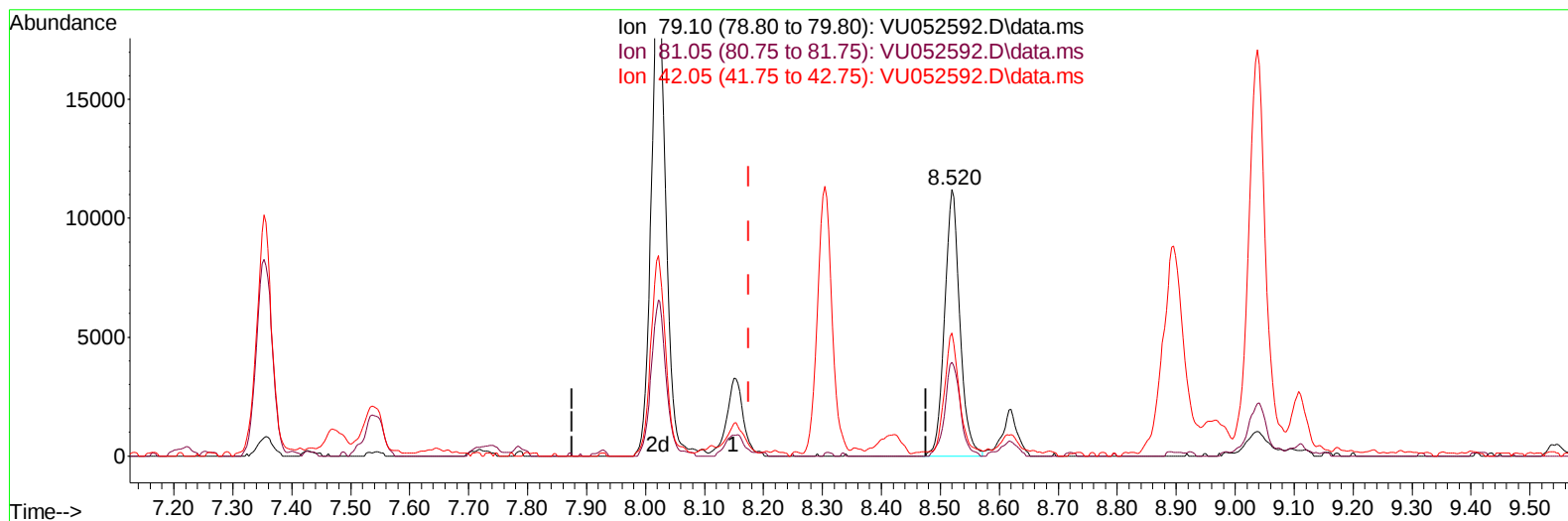
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration



TIC: VU052592.D\data.ms

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

8.520min (+ 0.344) 3.25 ug/L m

response 20044

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	30.60	10.78#
42.05	43.30	12.84#
0.00	0.00	0.00

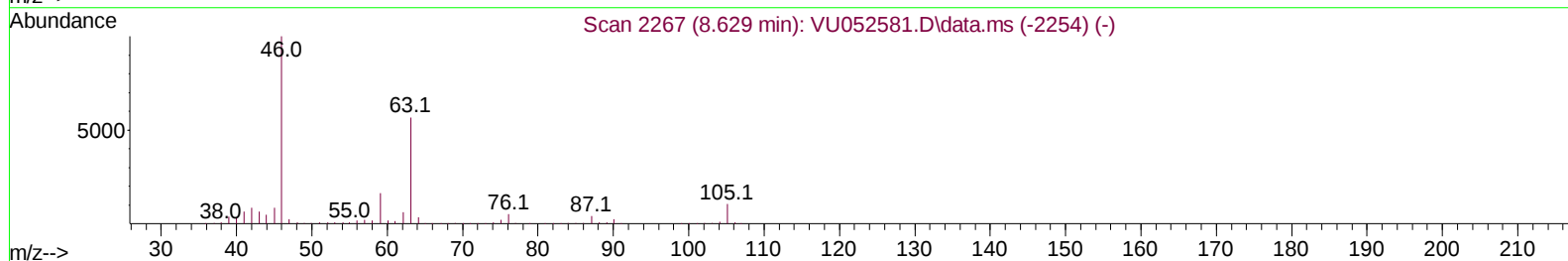
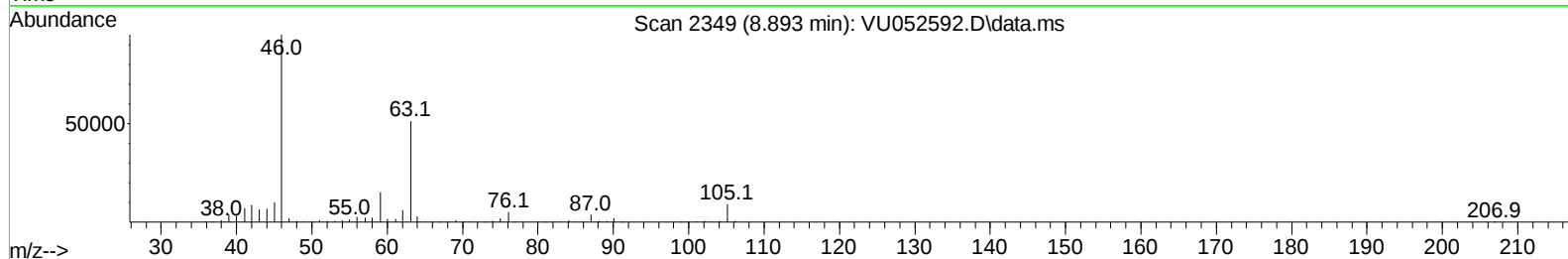
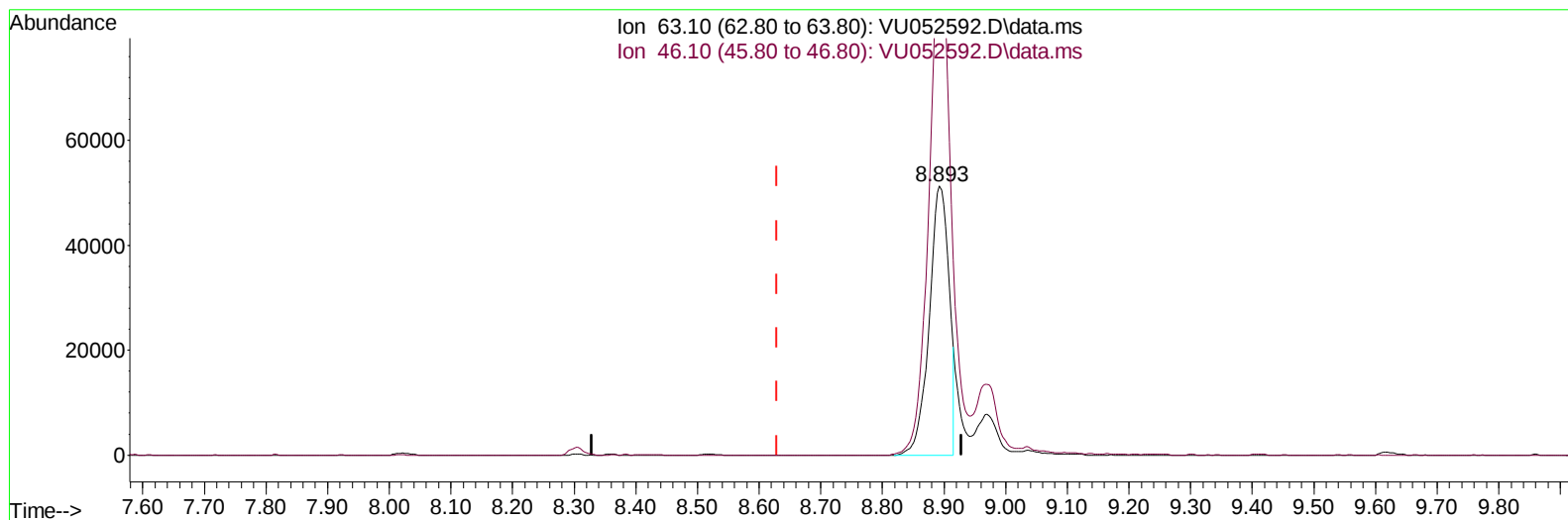
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(46) 2-Hexanone-d5 (S)

8.893min (+ 0.264) 33.82 ug/L

response 114167

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	184.30	189.39
0.00	0.00	0.00
0.00	0.00	0.00

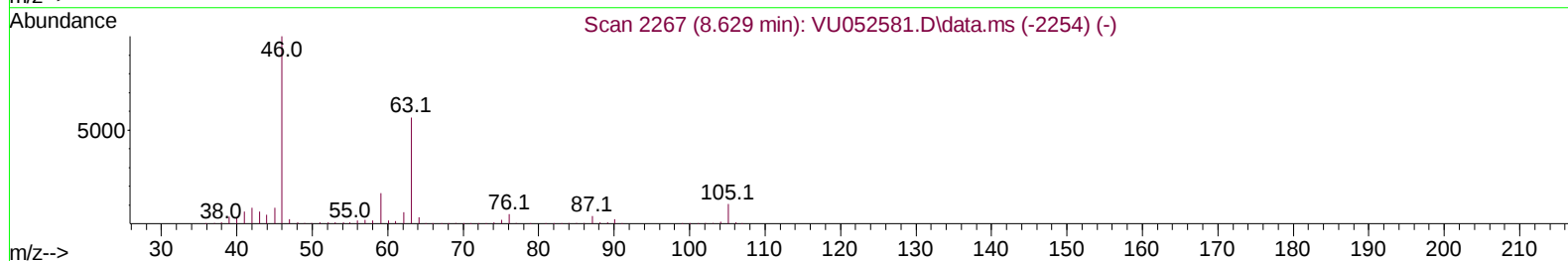
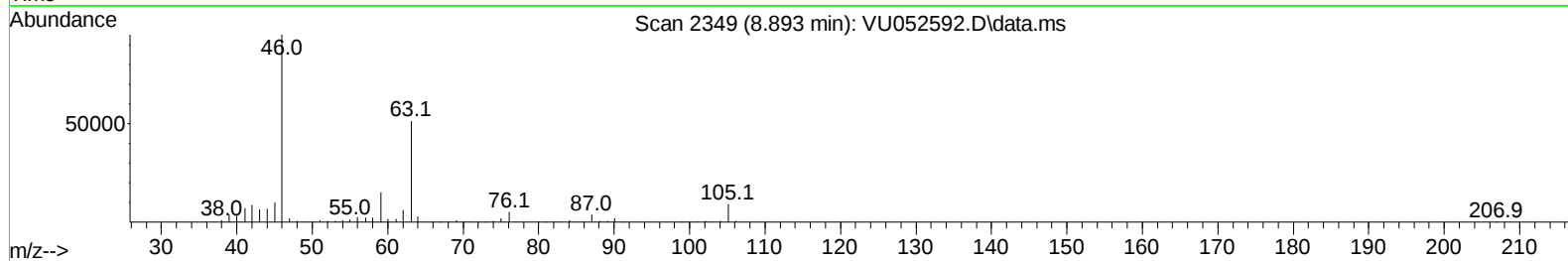
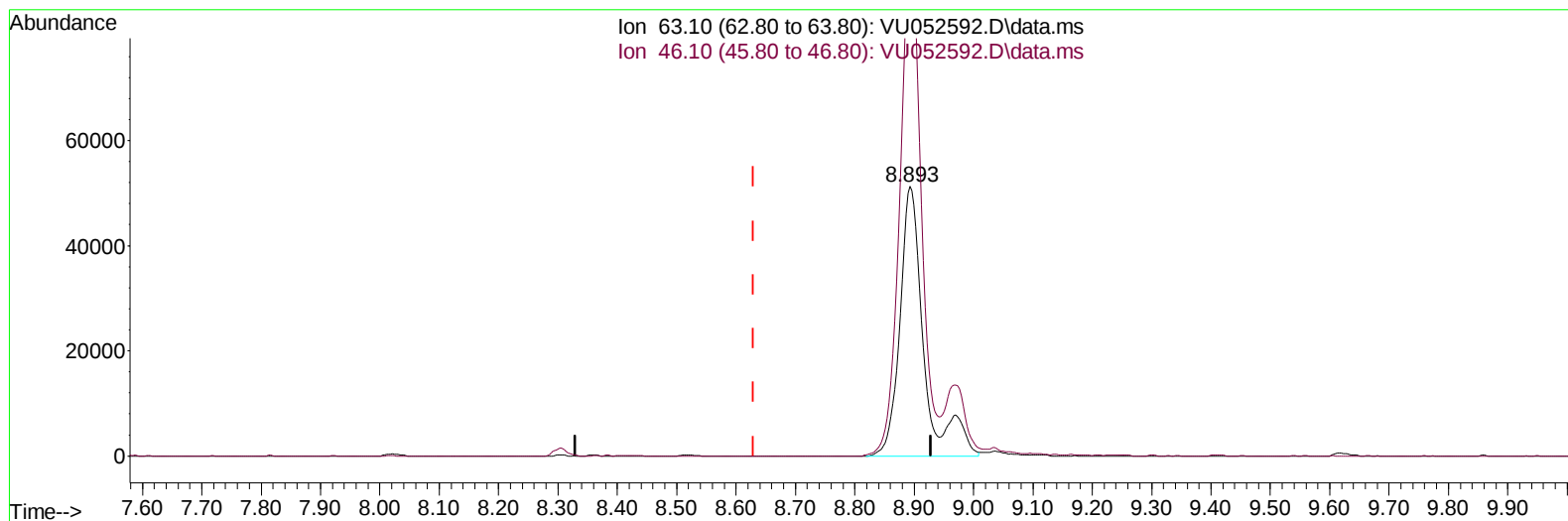
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052592.D
Acq On : 28 Dec 2022 16:38
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 12/30/2022
Supervised By :Mahesh Dadoda 12/30/2022

Quant Time: Dec 29 00:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration



TIC: VU052592.D\data.ms

(46) 2-Hexanone-d5 (S)**8.893min (+ 0.264) 42.74 ug/L m****response 144271**

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	184.30	149.87
0.00	0.00	0.00
0.00	0.00	0.00

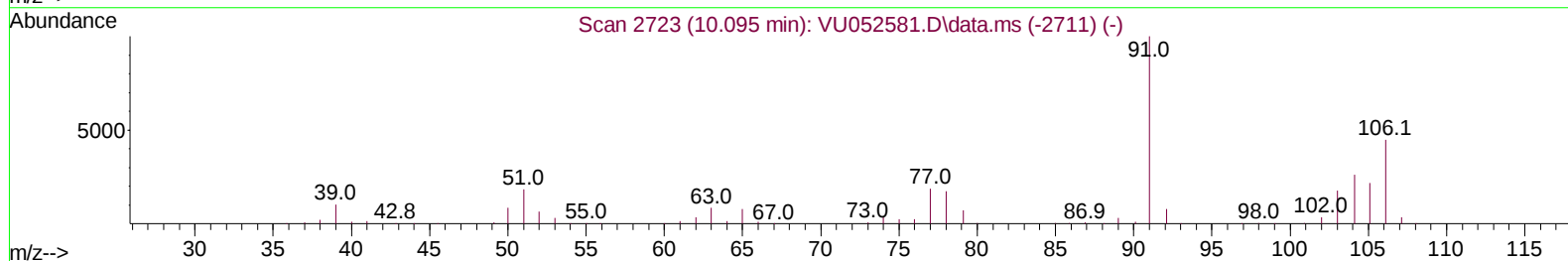
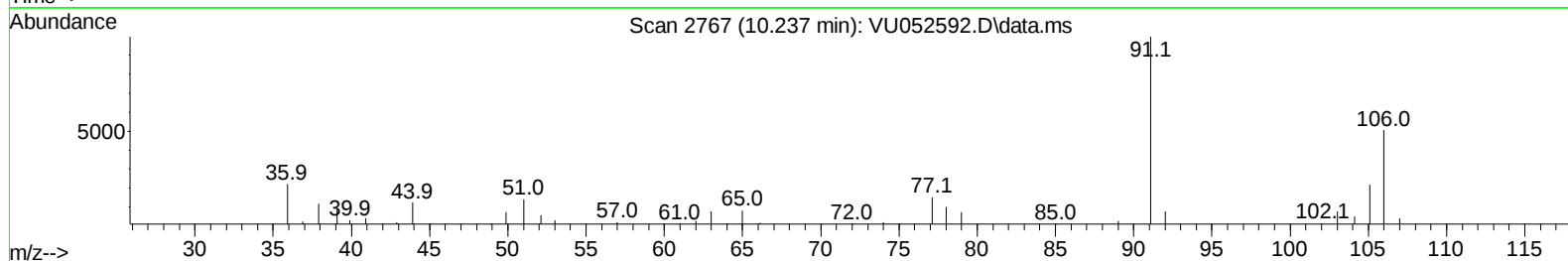
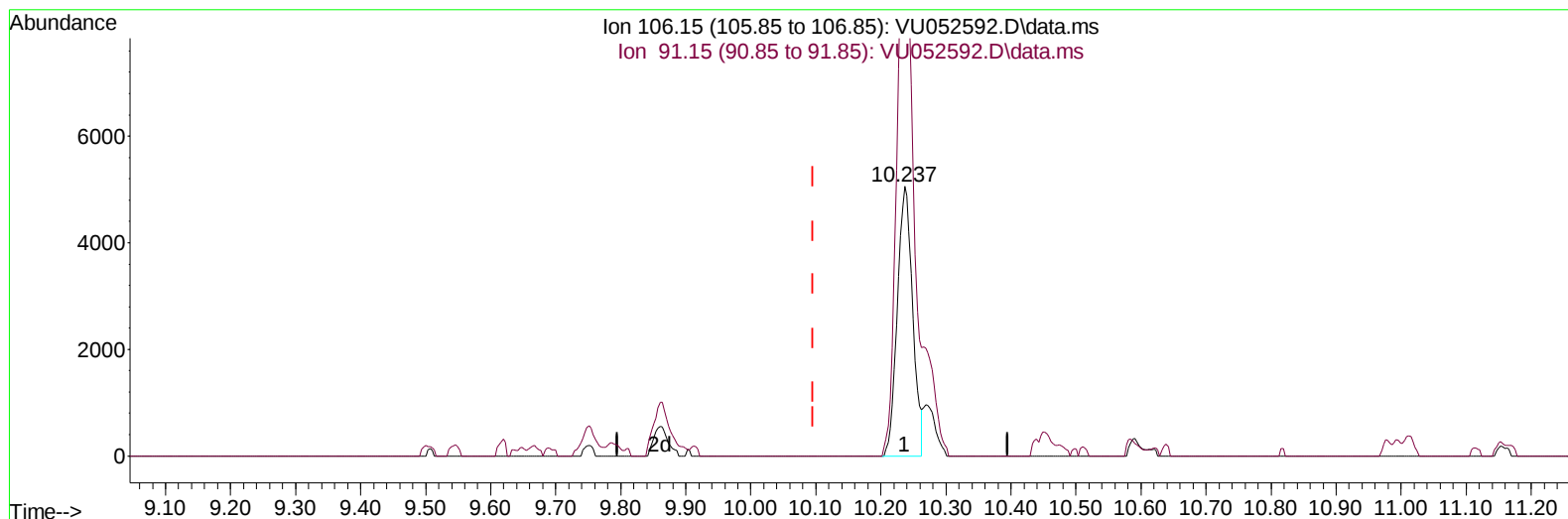
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 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Manual IntegrationsAPPROVED

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(54) o-Xylene (T)

10.237min (+ 0.141) 0.43 ug/L

response 8308

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	218.80	197.31
0.00	0.00	0.00
0.00	0.00	0.00

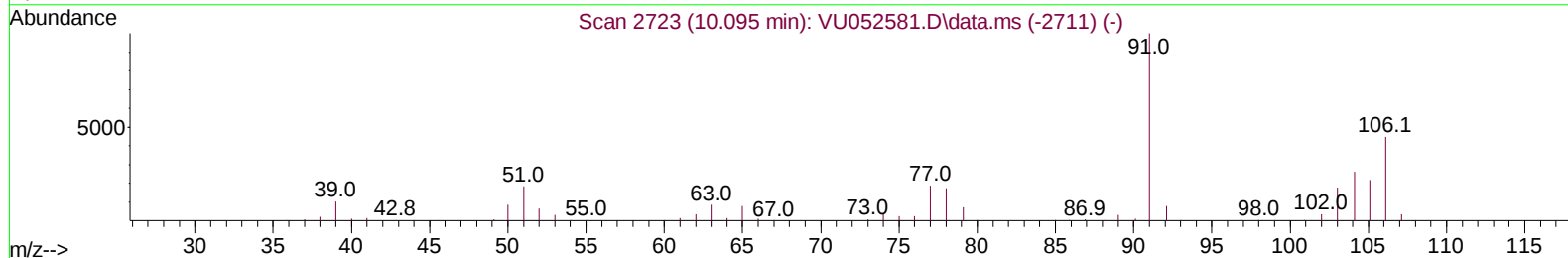
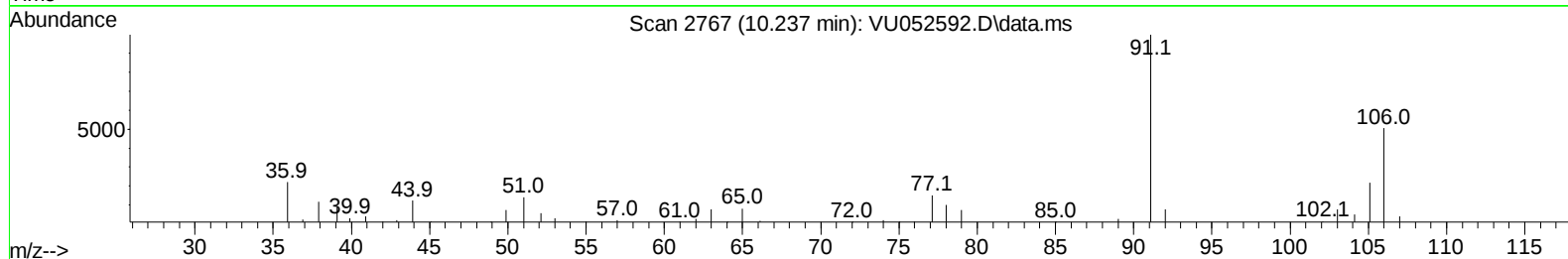
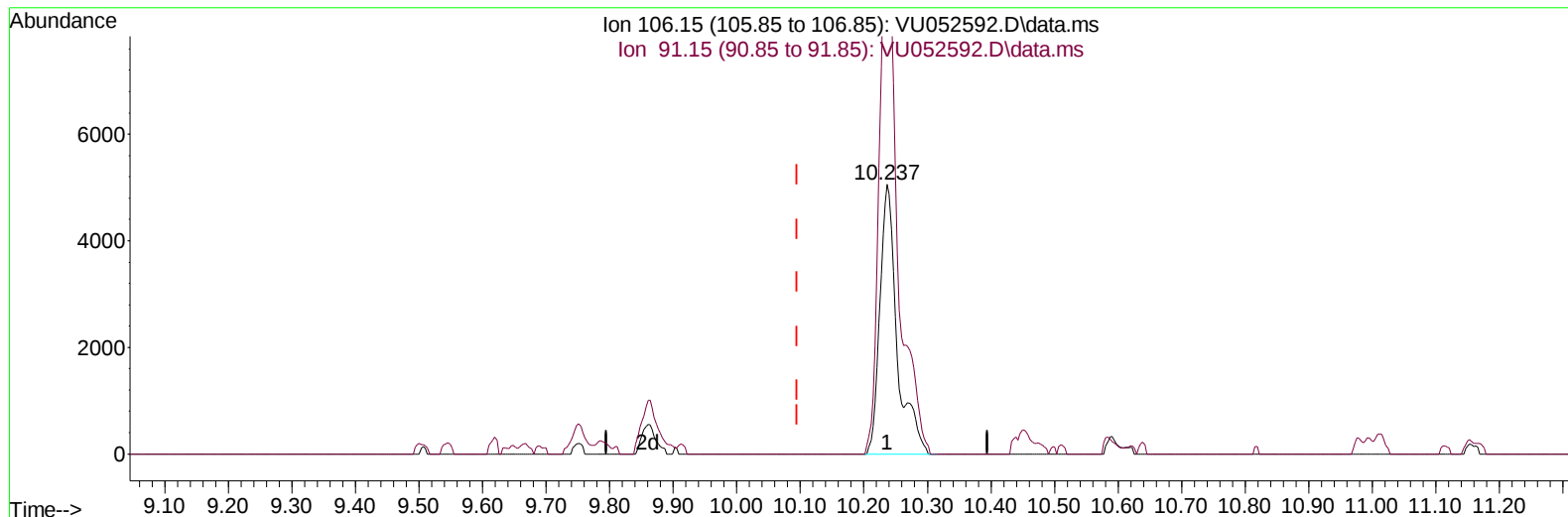
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Manual IntegrationsAPPROVED

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Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022



TIC: VU052592.D\data.ms

(54) o-Xylene (T)

10.237min (+ 0.141) 0.50 ug/L m

response 9557

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	218.80	197.31
0.00	0.00	0.00
0.00	0.00	0.00

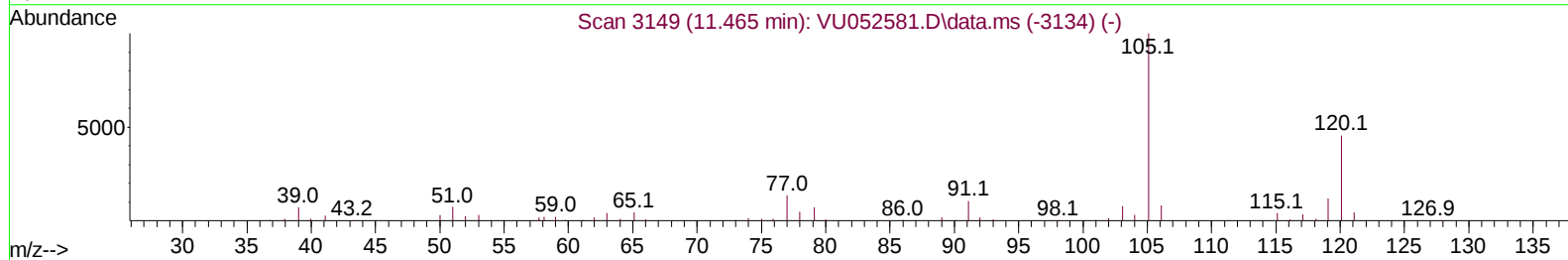
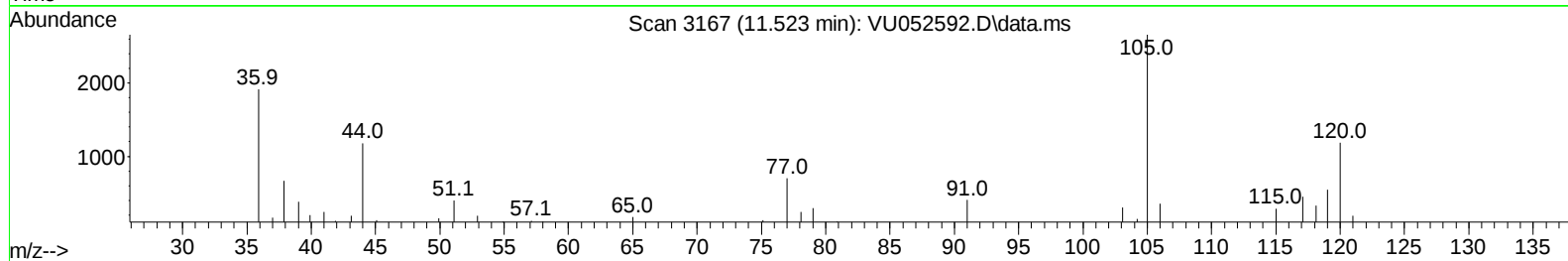
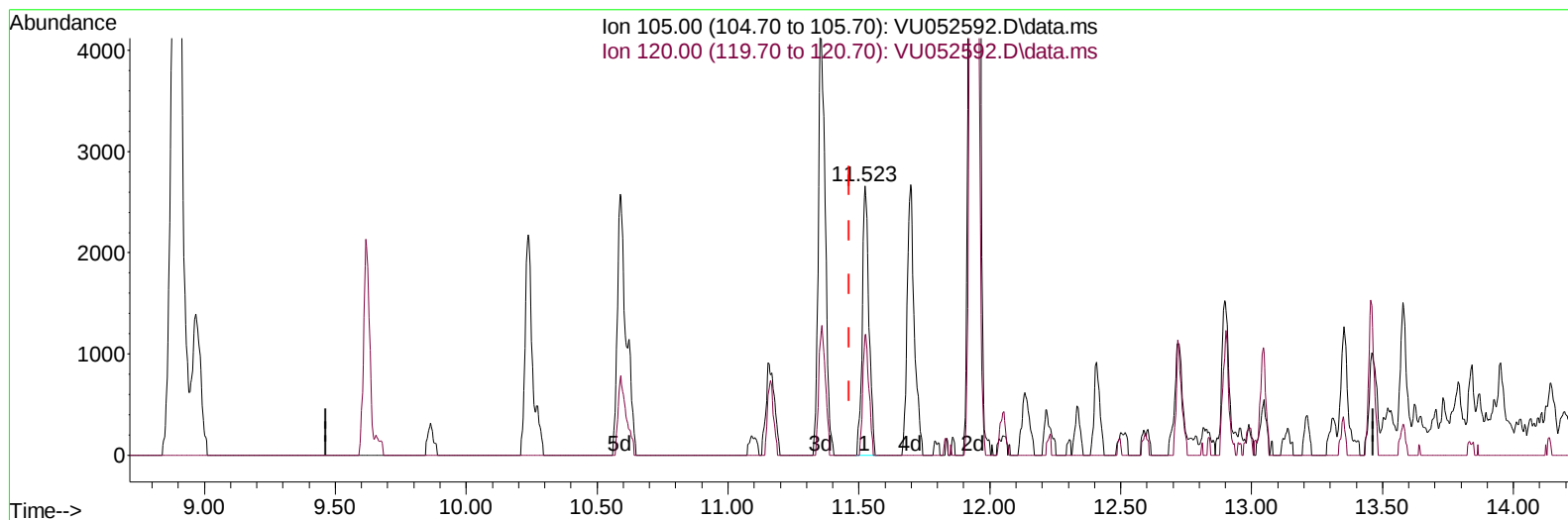
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TIC: VU052592.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.523min (+ 0.058) 0.10 ug/L

response 4780

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	44.50	41.09
0.00	0.00	0.00
0.00	0.00	0.00

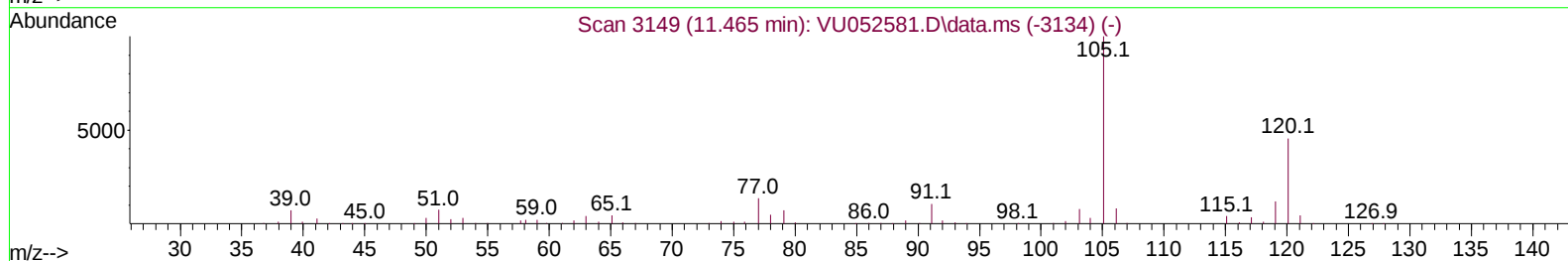
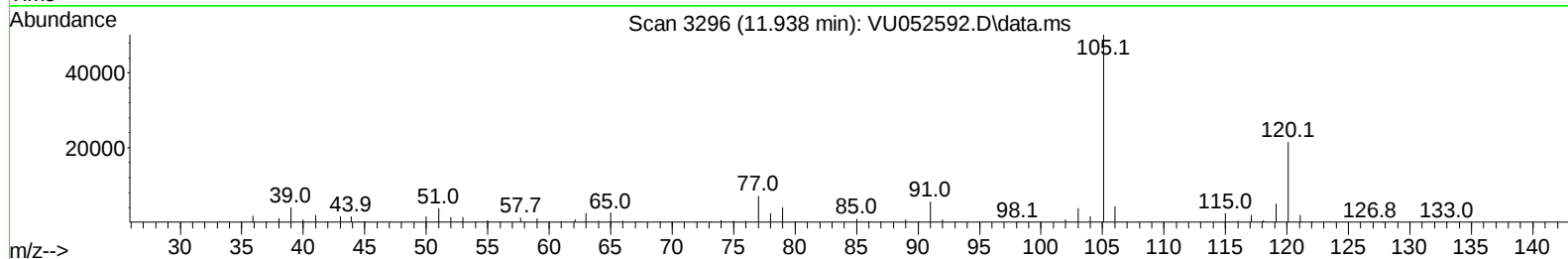
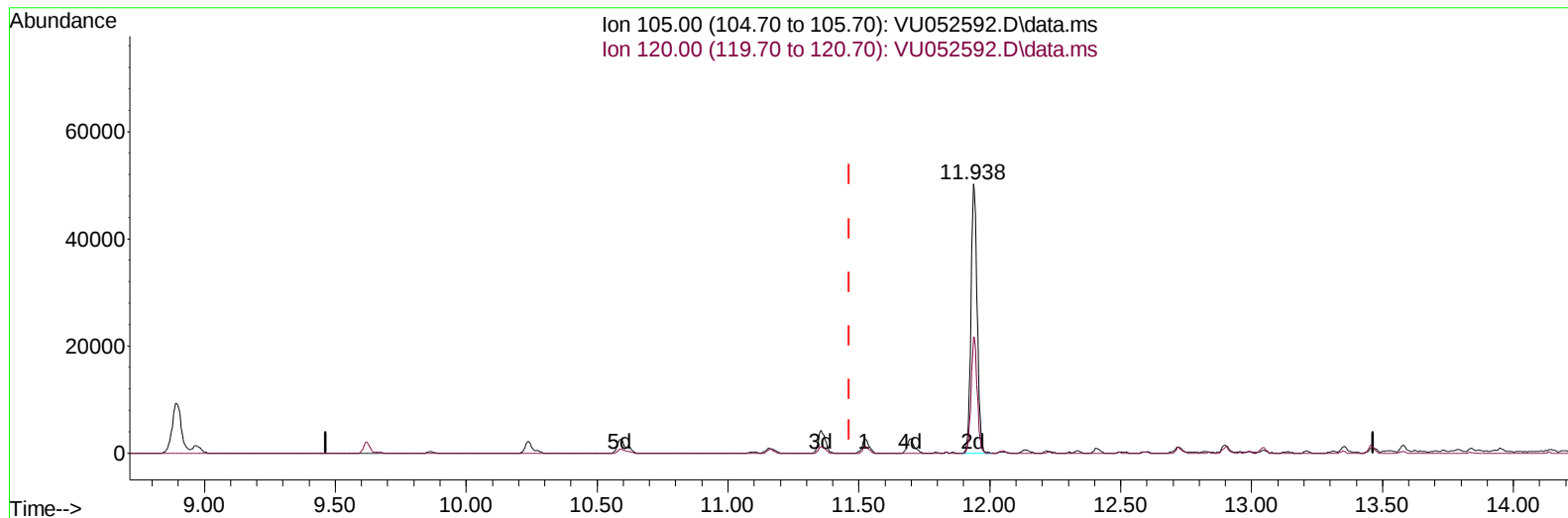
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TIC: VU052592.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.938min (+ 0.473) 1.78 ug/L m

response 81955

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	44.50	2.40#
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	7.009	114	162216m	5.000	ug/L	0.76
28) Chlorobenzene-d5	9.619	117	152674	5.000	ug/L	0.21
58) 1,4-Dichlorobenzene-d4	11.860	152	85392	5.000	ug/L	0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.054	65	47818m	2.910	ug/L	0.45
Spiked Amount 5.000	Range 40	- 130	Recovery	=	58.200%	
7) Chloroethane-d5	2.668	69	46642m	3.291	ug/L	0.75
Spiked Amount 5.000	Range 65	- 130	Recovery	=	65.800%	
11) 1,1-Dichloroethene-d2	4.028	65	21747m	3.075	ug/L	1.46
Spiked Amount 5.000	Range 60	- 125	Recovery	=	61.600%	
20) 2-Butanone-d5	5.742	46	148192m	29.078	ug/L	1.11
Spiked Amount 50.000	Range 40	- 130	Recovery	=	58.160%	
24) Chloroform-d	6.185	84	92470m	3.335	ug/L	1.13
Spiked Amount 5.000	Range 70	- 125	Recovery	=	66.600%#	
26) 1,2-Dichloroethane-d4	6.629	65	52746m	3.280	ug/L	0.93
Spiked Amount 5.000	Range 70	- 130	Recovery	=	65.600%#	
32) Benzene-d6	6.655	84	201325m	3.846	ug/L	0.93
Spiked Amount 5.000	Range 70	- 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	7.353	67	64598m	3.585	ug/L	0.67
Spiked Amount 5.000	Range 60	- 140	Recovery	=	71.800%	
41) Toluene-d8	8.304	98	160181m	3.645	ug/L	0.41
Spiked Amount 5.000	Range 70	- 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	8.520	79	20044m	3.249	ug/L	0.34
Spiked Amount 5.000	Range 55	- 130	Recovery	=	65.000%	
46) 2-Hexanone-d5	8.893	63	144271m	42.739	ug/L	0.26
Spiked Amount 50.000	Range 45	- 130	Recovery	=	85.480%	
56) 1,1,2,2-Tetrachloroeth...	10.838	84	65738	4.297	ug/L	0.09
Spiked Amount 5.000	Range 65	- 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	12.233	152	68072	3.916	ug/L	0.04
Spiked Amount 5.000	Range 80	- 120	Recovery	=	78.400%#	
Target Compounds						Qvalue
33) Benzene	6.687	78	264629m	4.812	ug/L	
54) o-Xylene	10.237	106	9557m	0.495	ug/L	
63) 1,2,4-Trimethylbenzene	11.938	105	81955m	1.784	ug/L	

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

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