

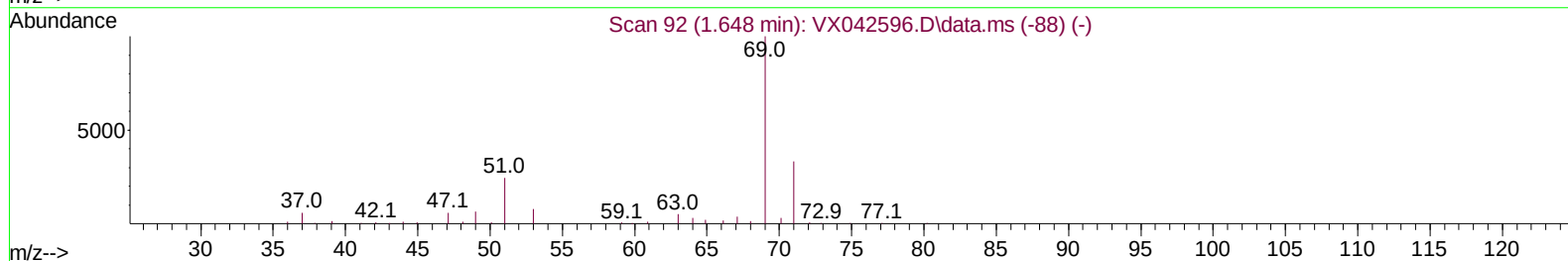
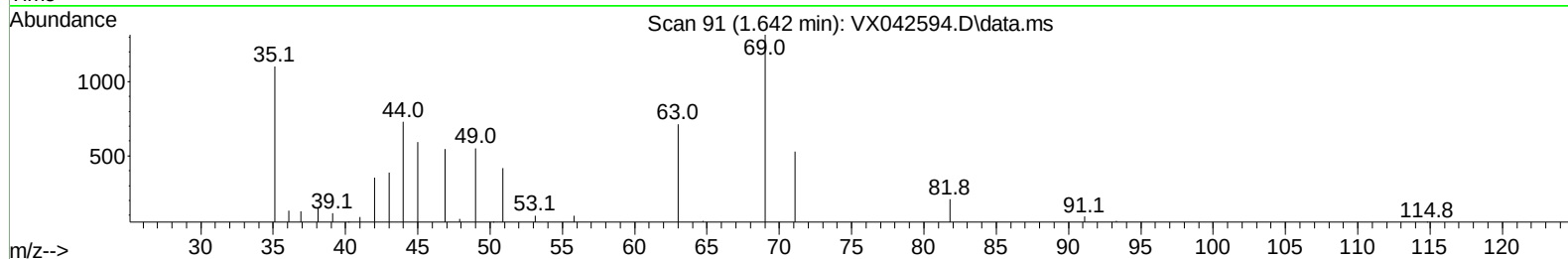
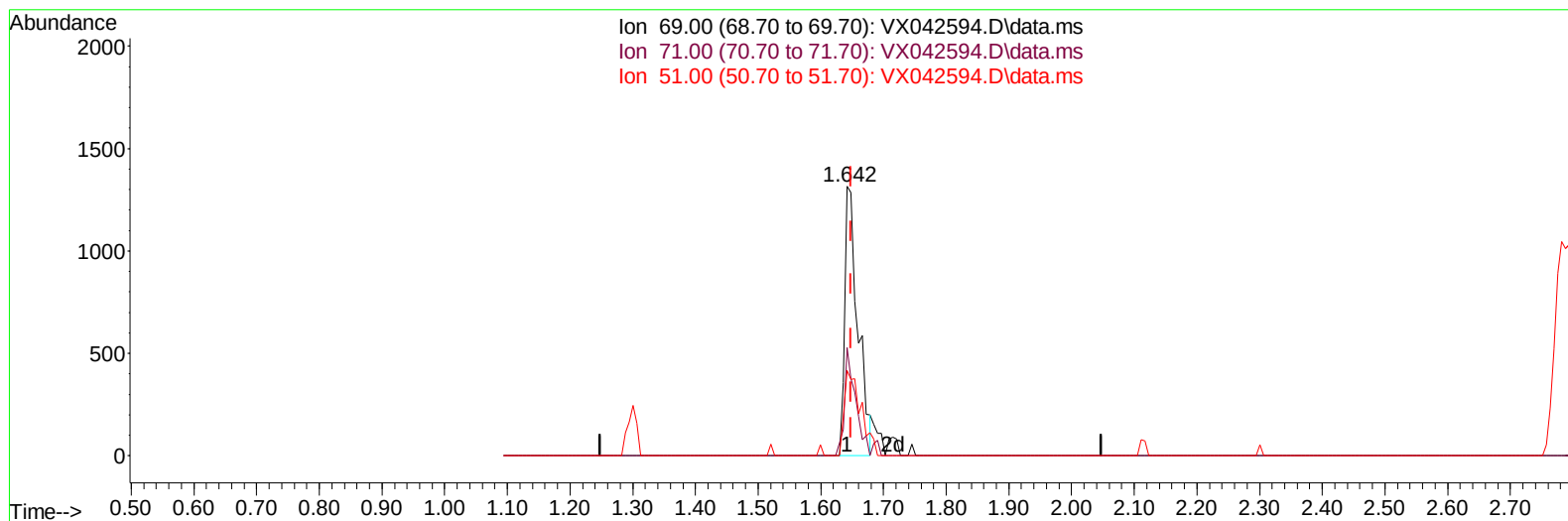
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(7) Chloroethane-d5 (S)

1.642min (-0.006) 4.06 ug/L

response 1922

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	29.00	33.82
51.00	30.10	36.52
0.00	0.00	0.00

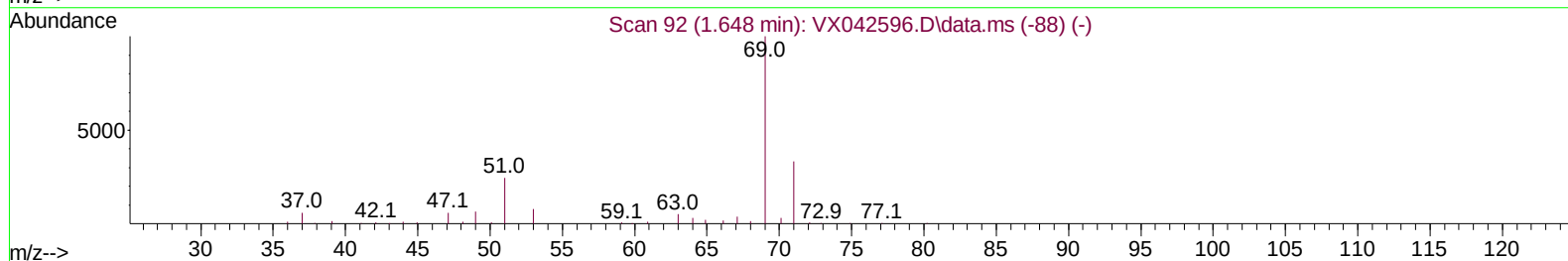
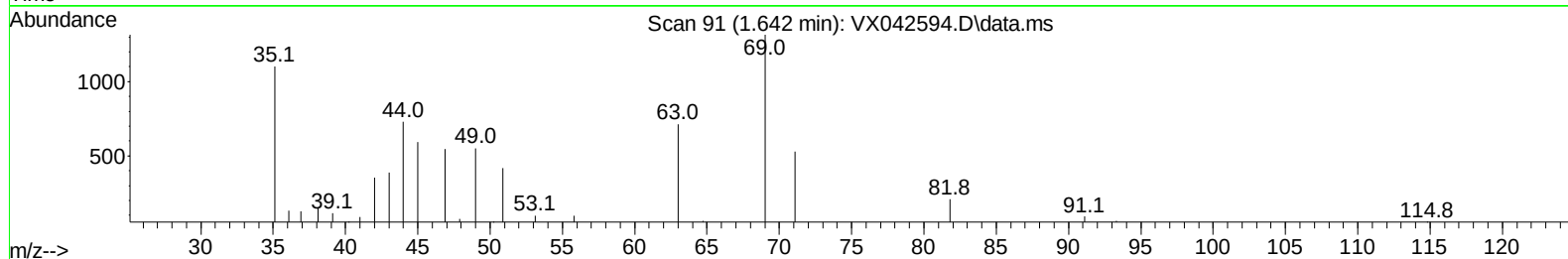
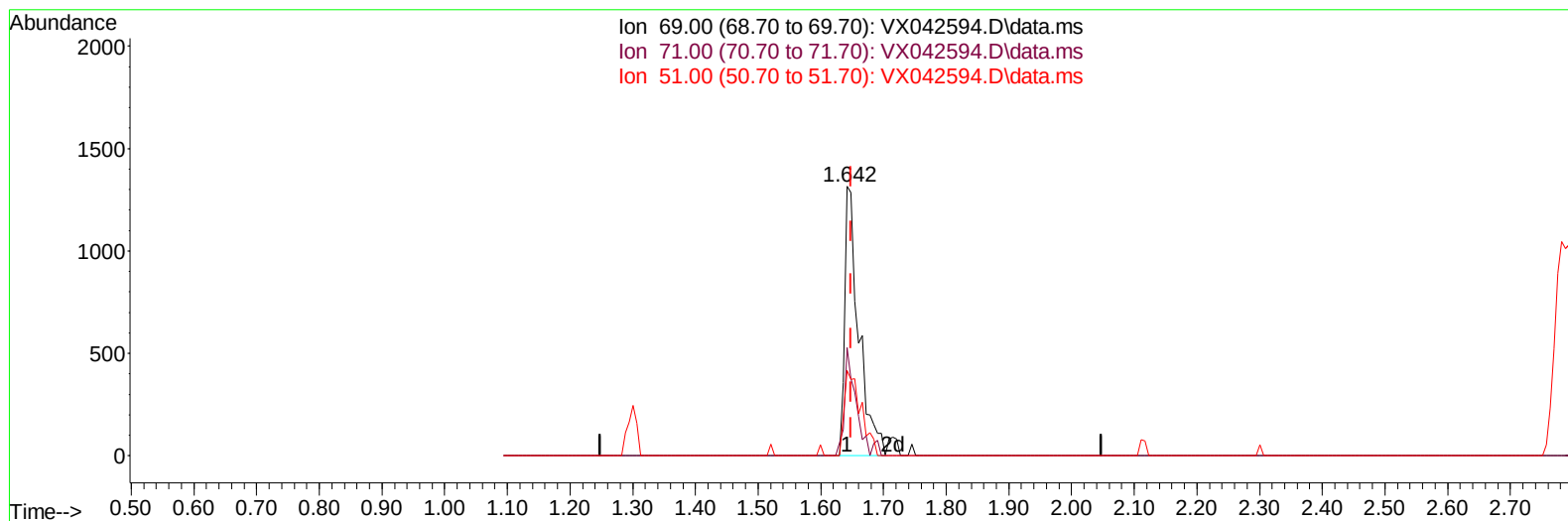
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(7) Chloroethane-d5 (S)

1.642min (-0.006) 4.35 ug/L m

response 2058

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	29.00	31.58
51.00	30.10	34.11
0.00	0.00	0.00

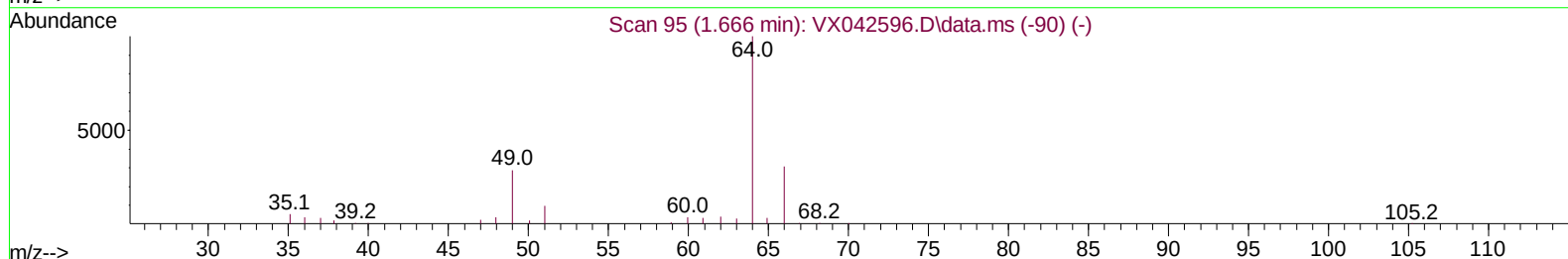
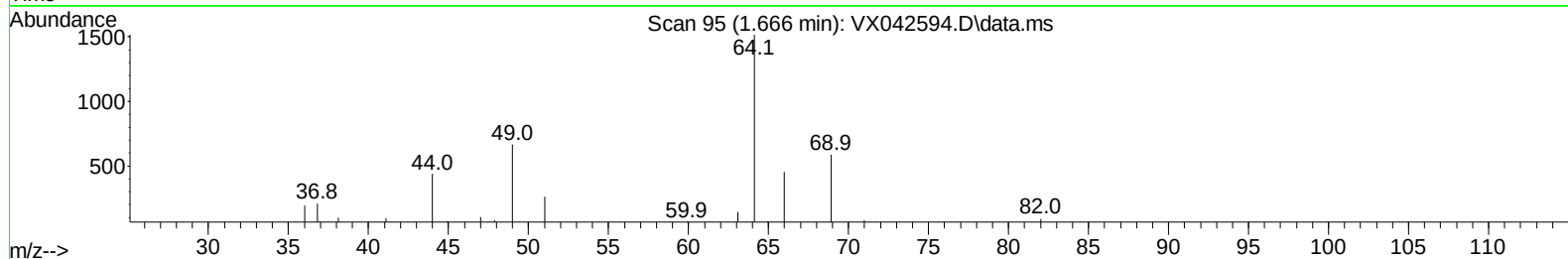
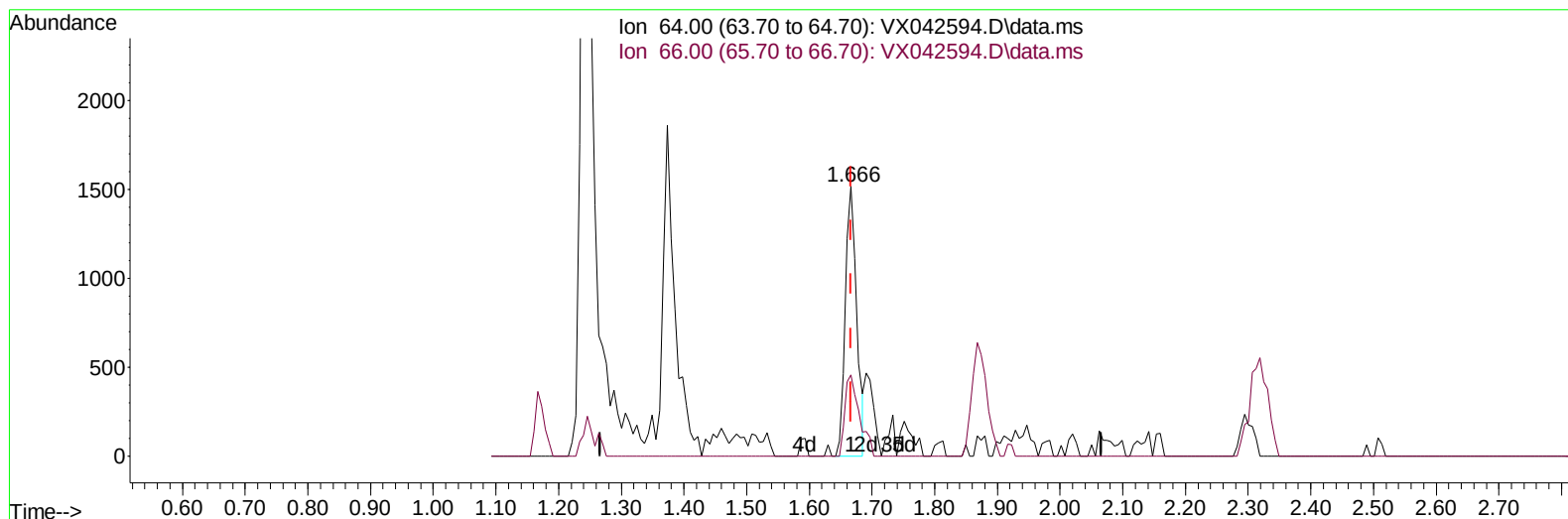
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

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Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(8) Chloroethane (T)

1.666min (+ 0.000) 4.00 ug/L

response 1927

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.60	29.99
0.00	0.00	0.00
0.00	0.00	0.00

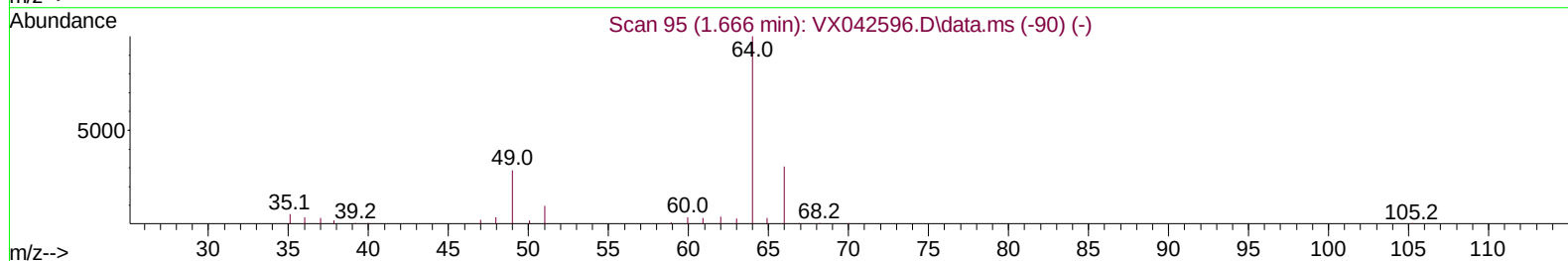
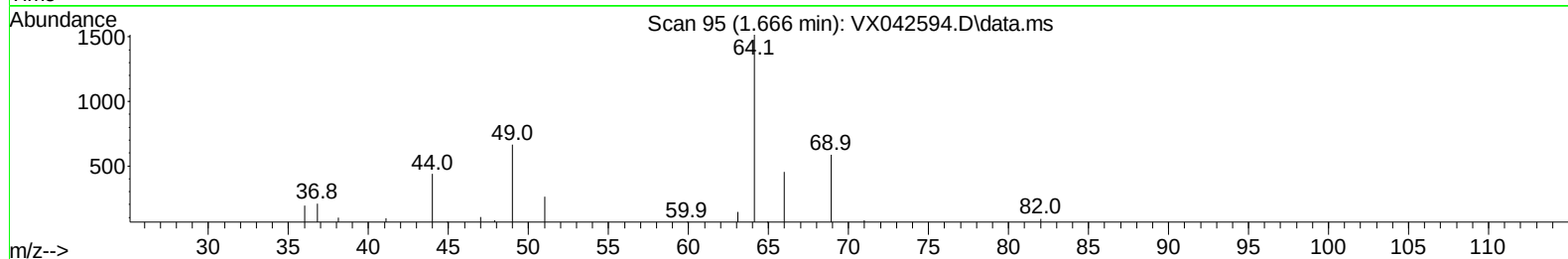
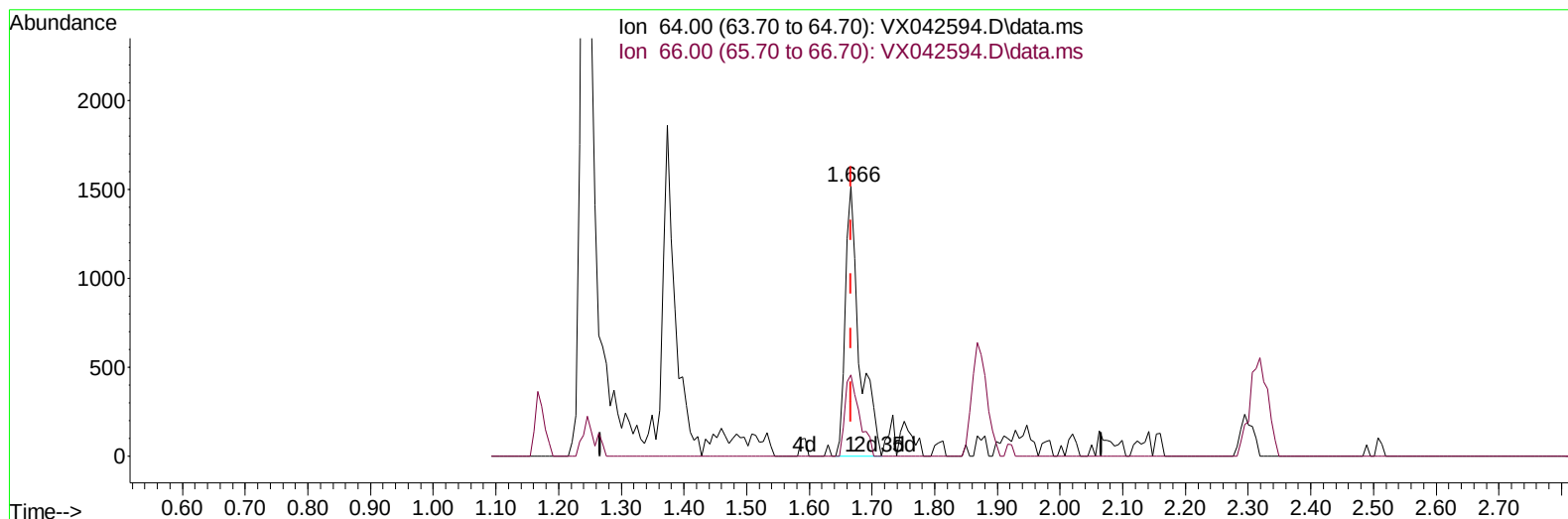
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
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TIC: VX042594.D\data.ms

(8) Chloroethane (T)

1.666min (+ 0.000) 4.97 ug/L m

response 2395

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.60	29.99
0.00	0.00	0.00
0.00	0.00	0.00

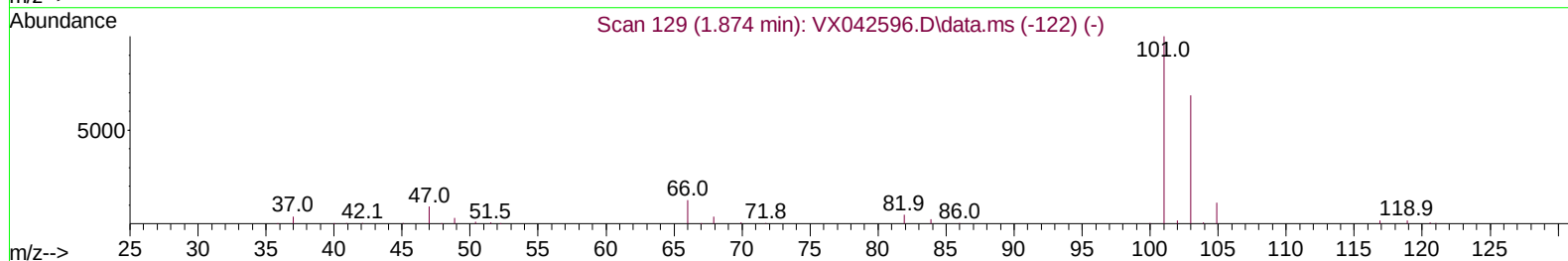
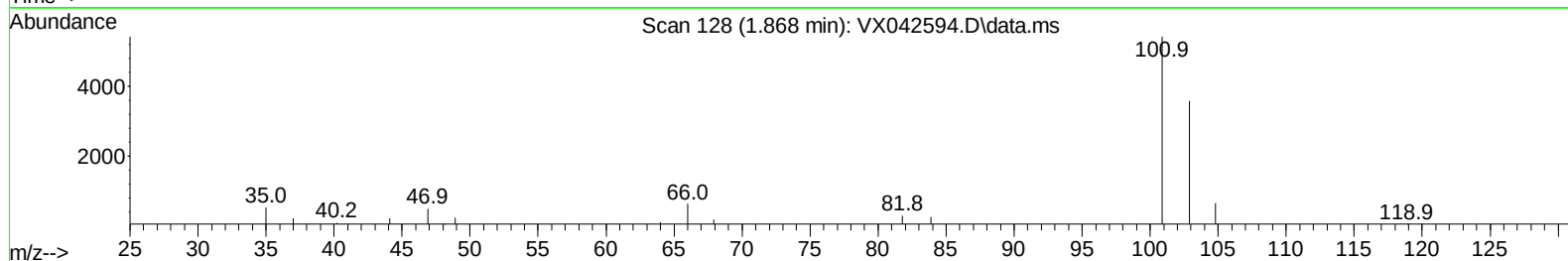
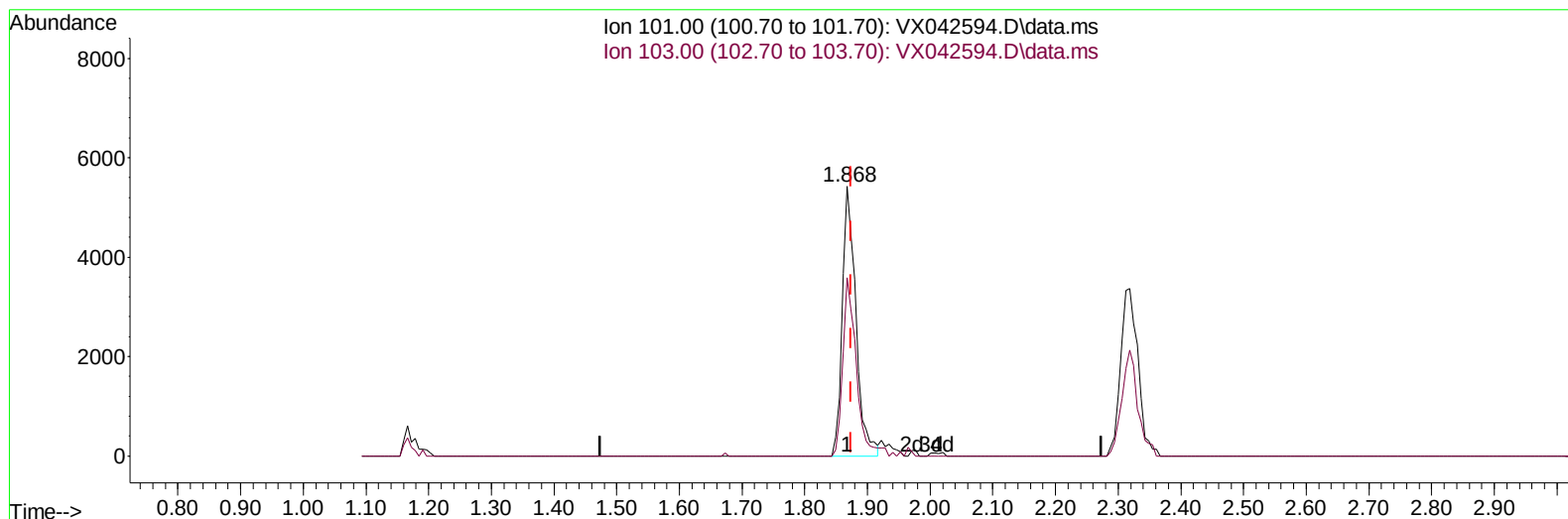
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

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TIC: VX042594.D\data.ms

(9) Trichlorofluoromethane (T)

1.868min (-0.006) 4.43 ug/L

response 8186

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	56.50	64.81
0.00	0.00	0.00
0.00	0.00	0.00

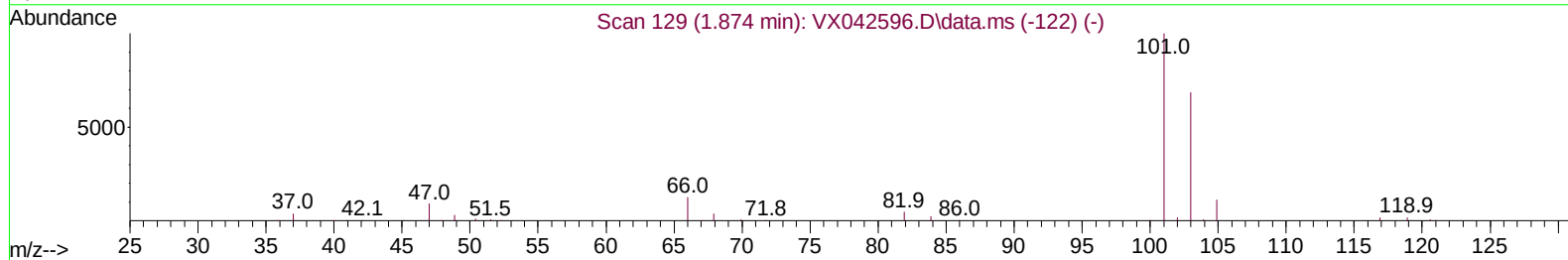
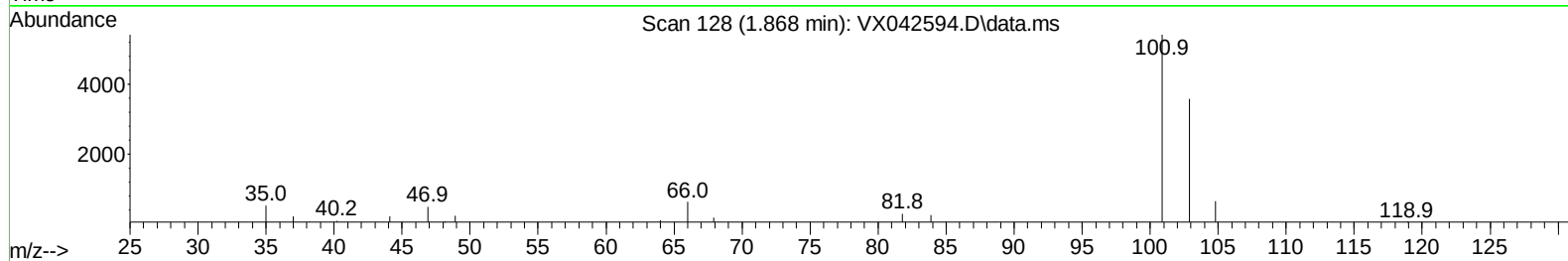
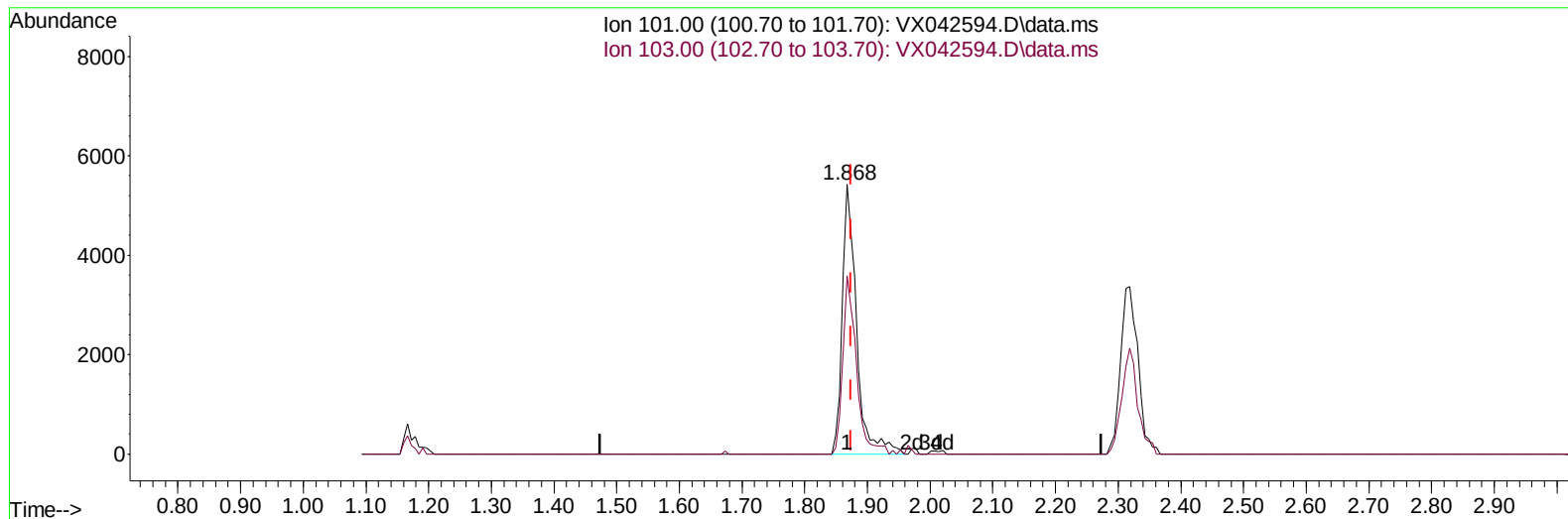
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

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TIC: VX042594.D\data.ms

(9) Trichlorofluoromethane (T)

1.868min (-0.006) 4.65 ug/L m

response 8588

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	56.50	61.77
0.00	0.00	0.00
0.00	0.00	0.00

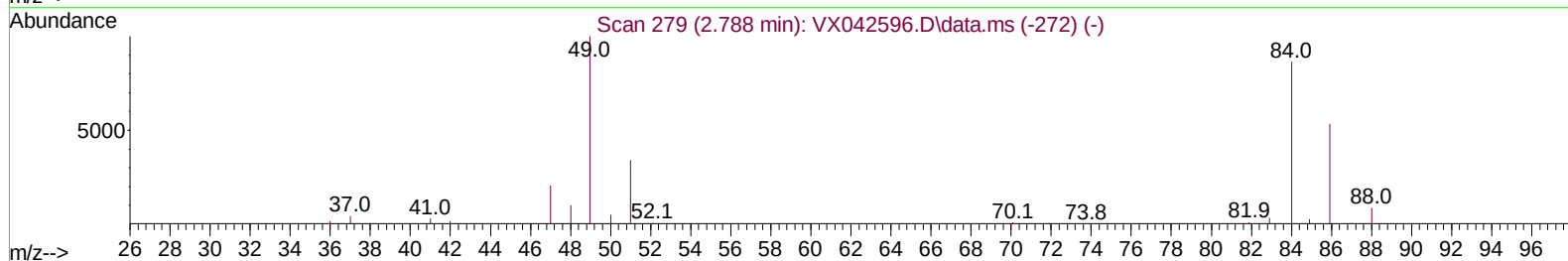
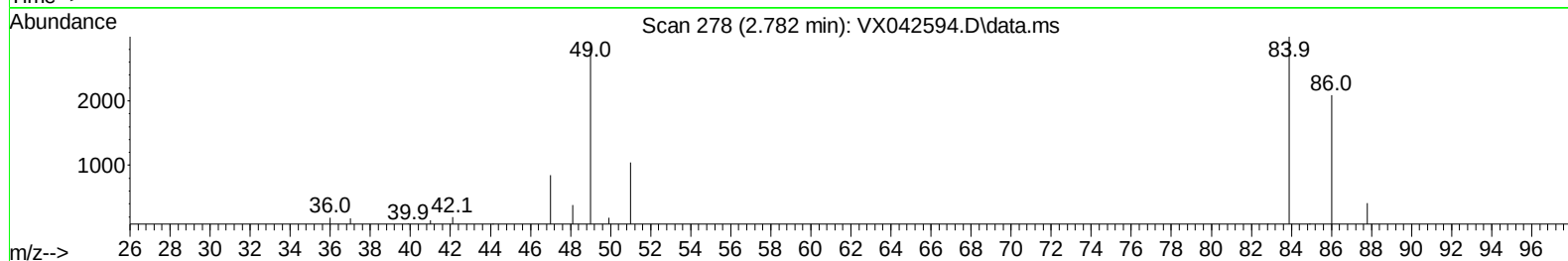
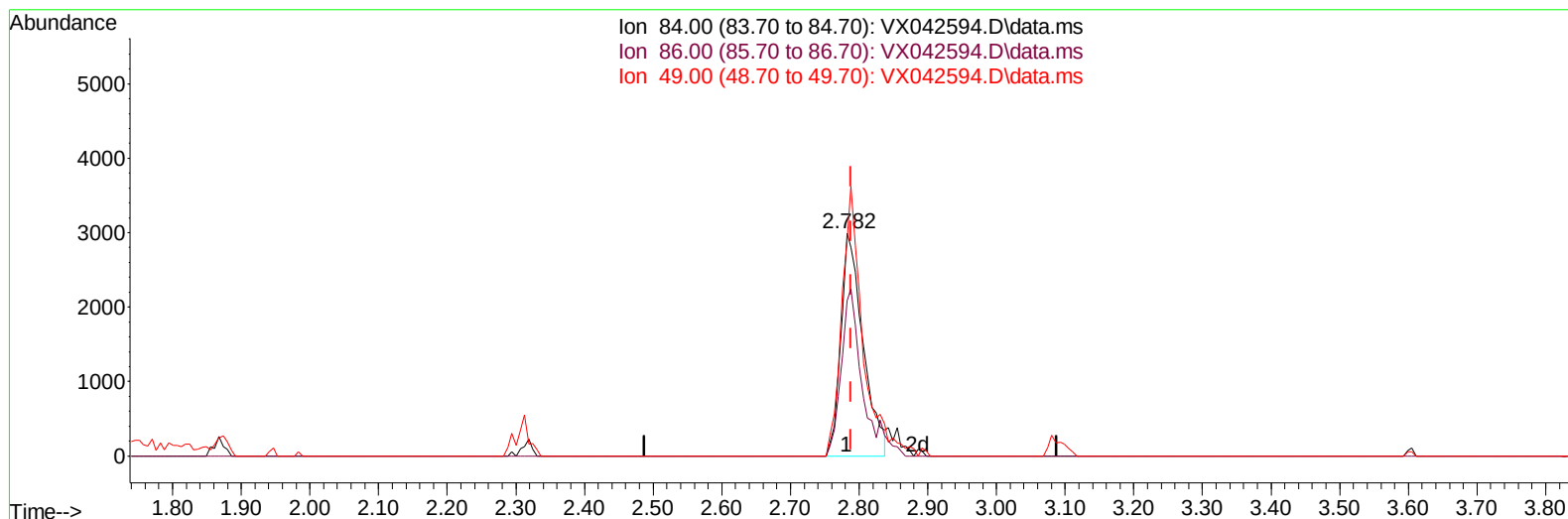
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

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Reviewed By :John Carlone 07/29/2024
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TIC: VX042594.D\data.ms

(16) Methylene chloride (T)

2.782min (-0.006) 4.75 ug/L

response 6706

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.10	69.71
49.00	115.90	96.63
0.00	0.00	0.00

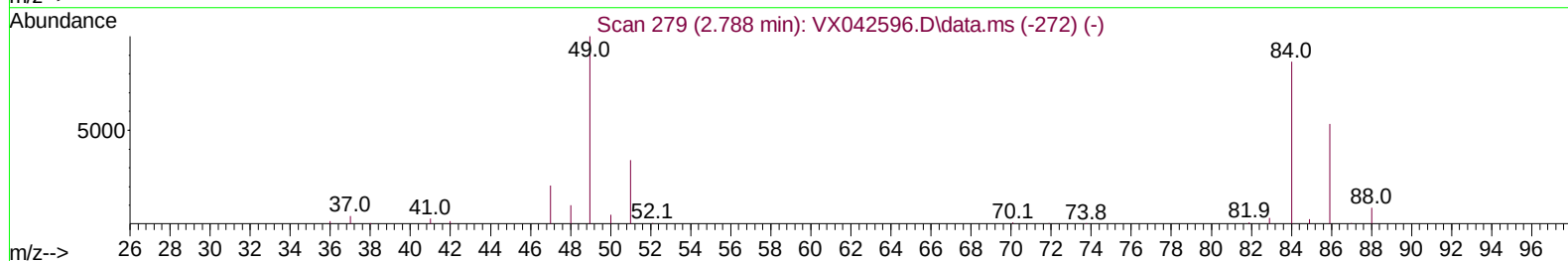
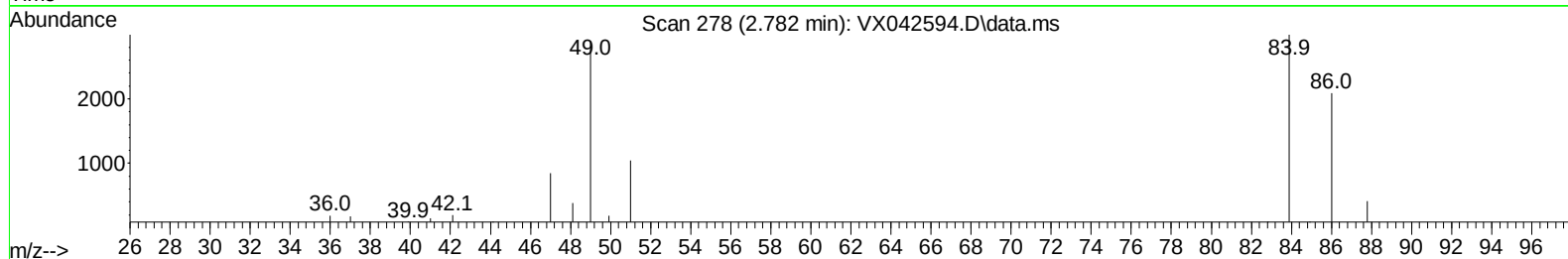
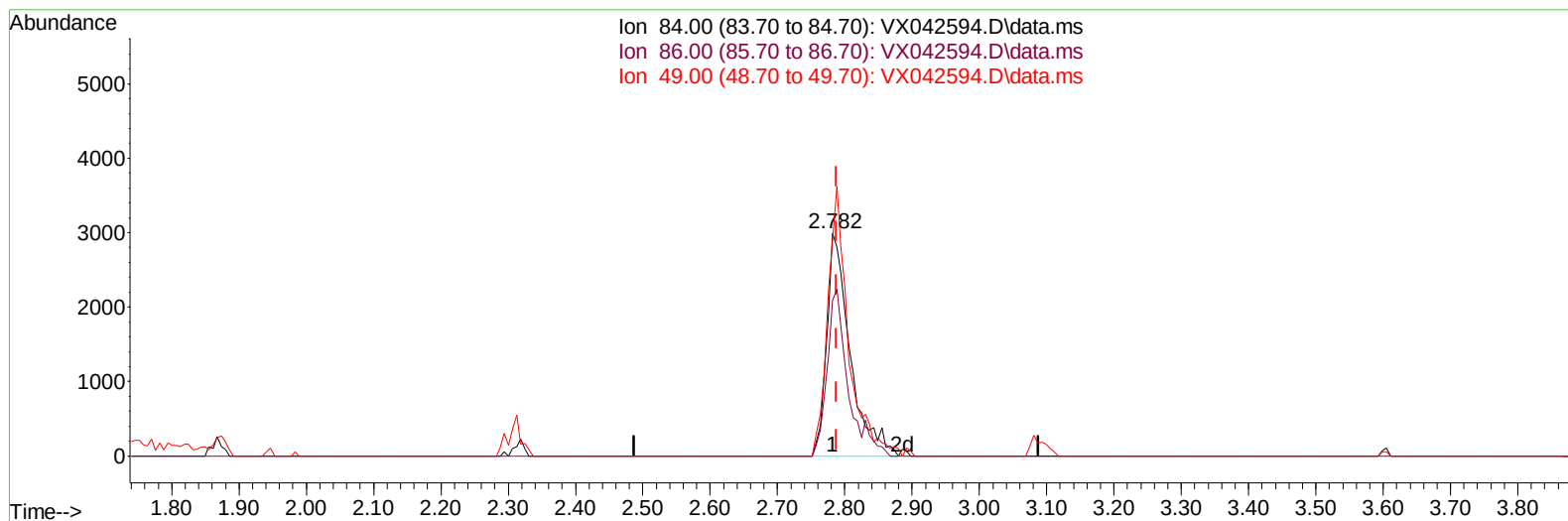
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Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(16) Methylene chloride (T)

2.782min (-0.006) 5.09 ug/L m

response 7180

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.10	69.71
49.00	115.90	96.63
0.00	0.00	0.00

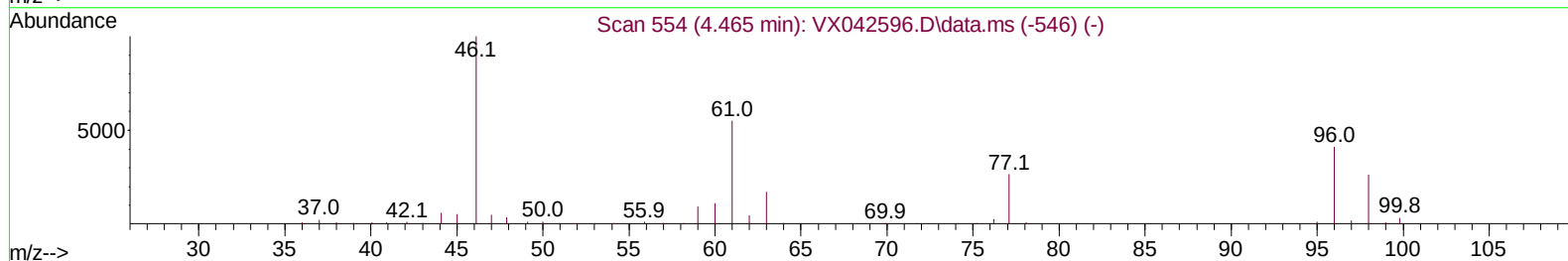
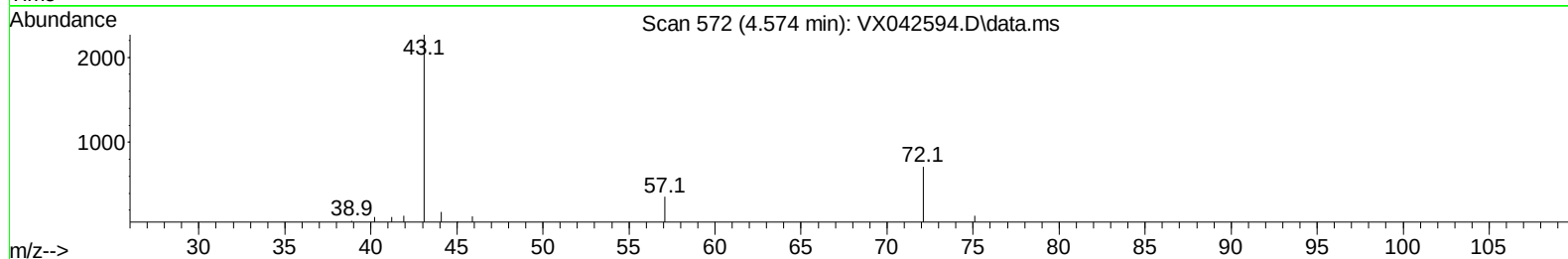
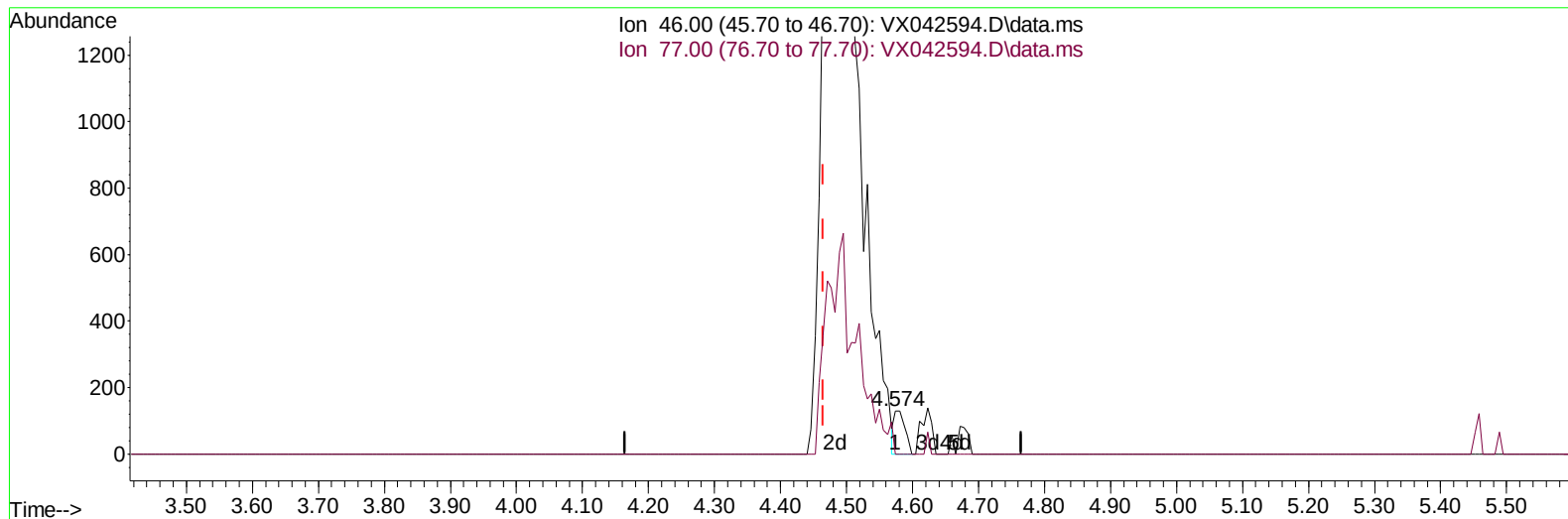
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Instrument :
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TIC: VX042594.D\data.ms

(21) 2-Butanone-d5 (S)

4.574min (+ 0.110) 0.17 ug/L

response 148

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	24.32
0.00	0.00	0.00
0.00	0.00	0.00

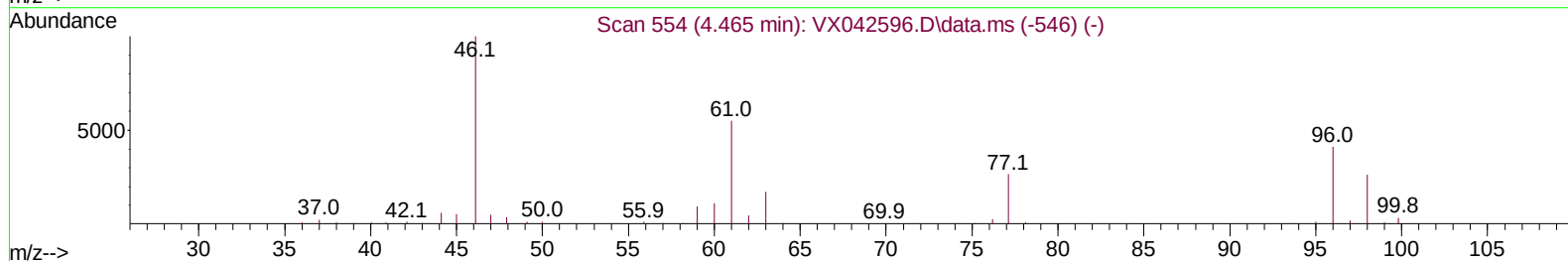
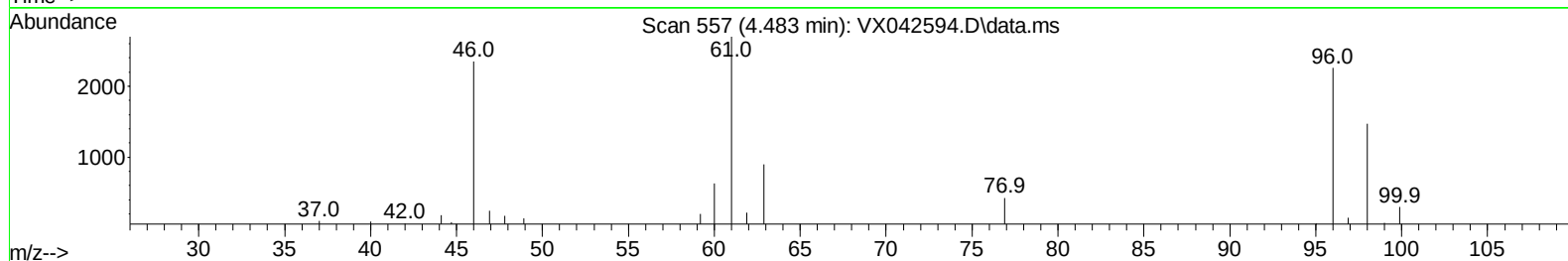
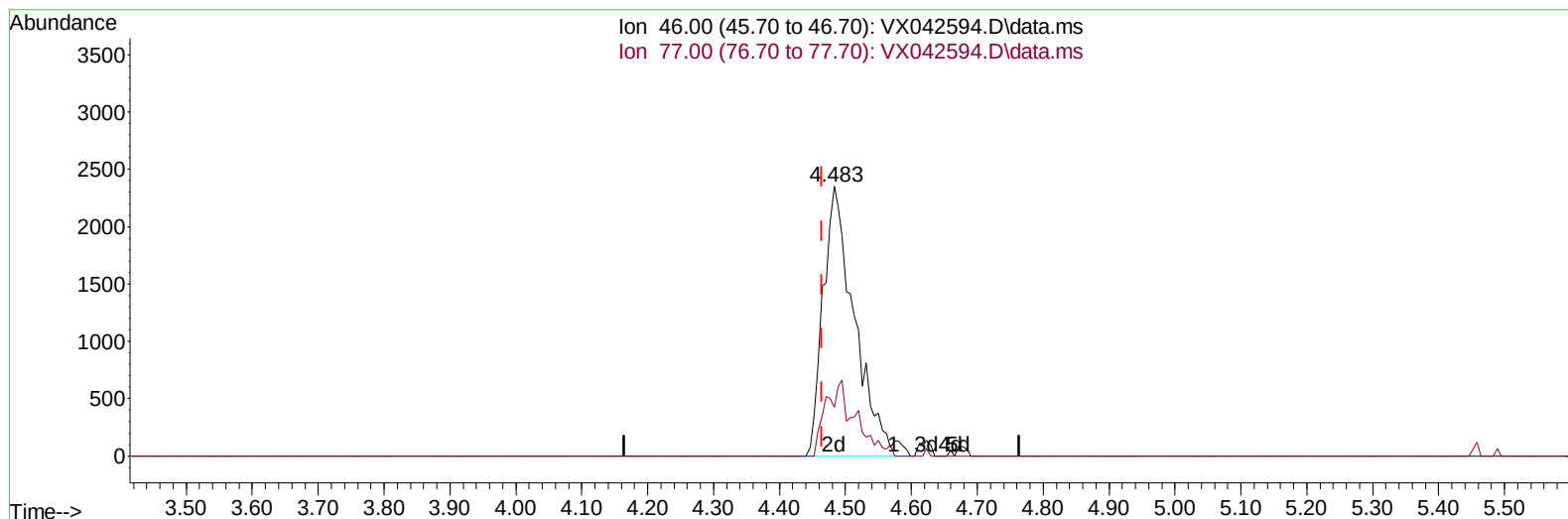
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Data File : VX042594.D
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Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

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TIC: VX042594.D\data.ms

(21) 2-Butanone-d5 (S)

4.483min (+ 0.018) 9.15 ug/L m

response 7792

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	0.46#
0.00	0.00	0.00
0.00	0.00	0.00

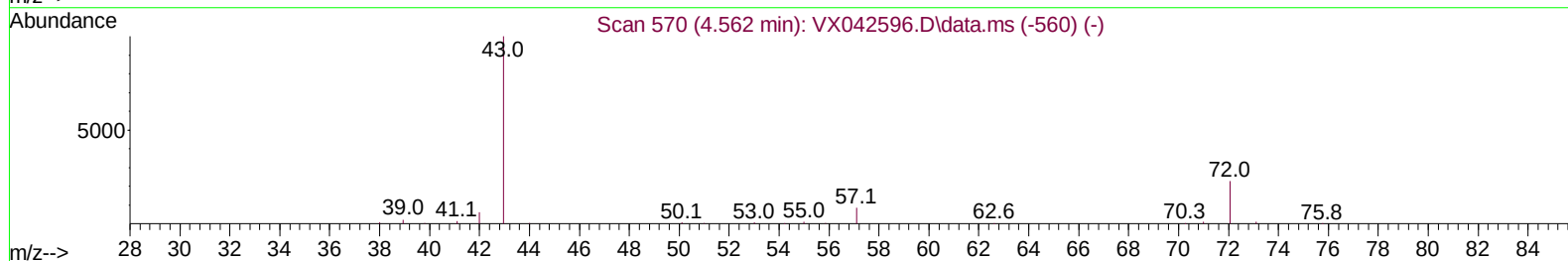
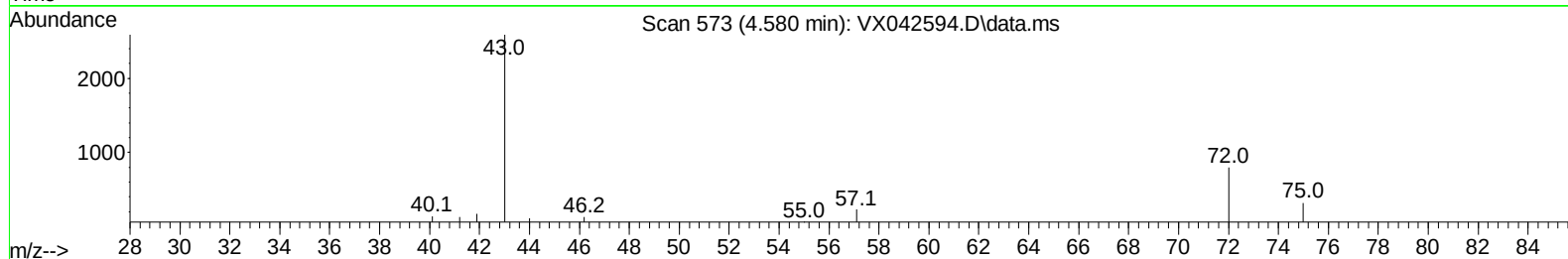
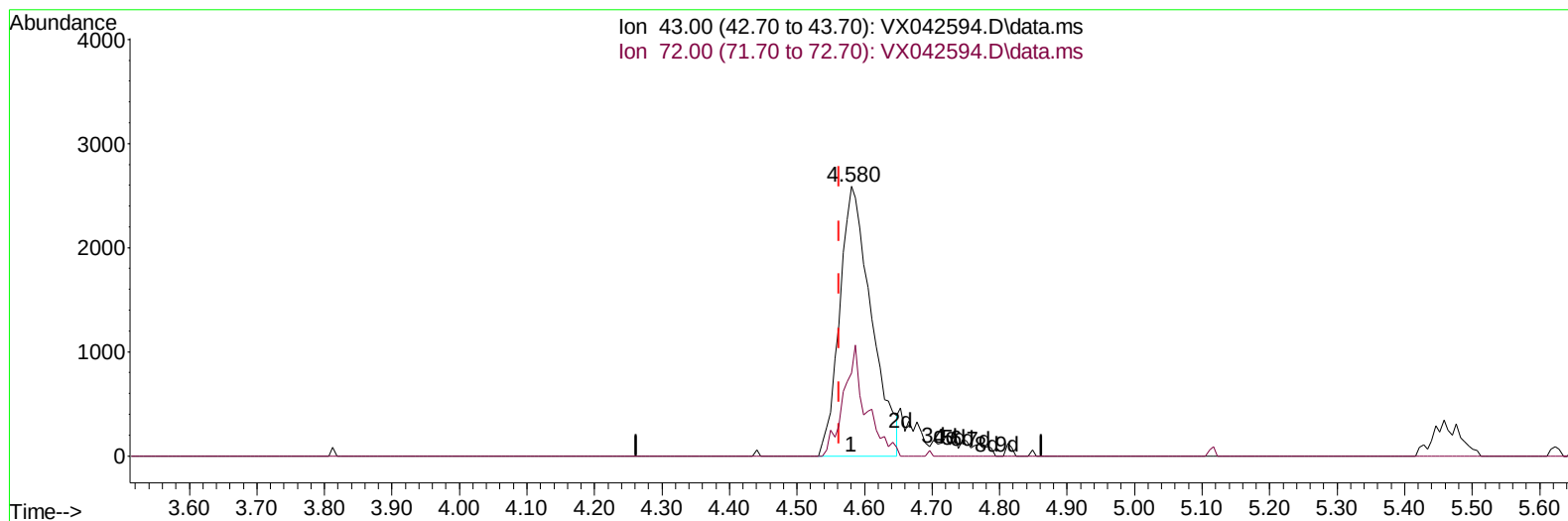
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
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Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : VOC Analysis
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Response via : Initial Calibration



TIC: VX042594.D\data.ms

(22) 2-Butanone (T)

4.580min (+ 0.018) 8.32 ug/L

response 8432

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.80	18.23
0.00	0.00	0.00
0.00	0.00	0.00

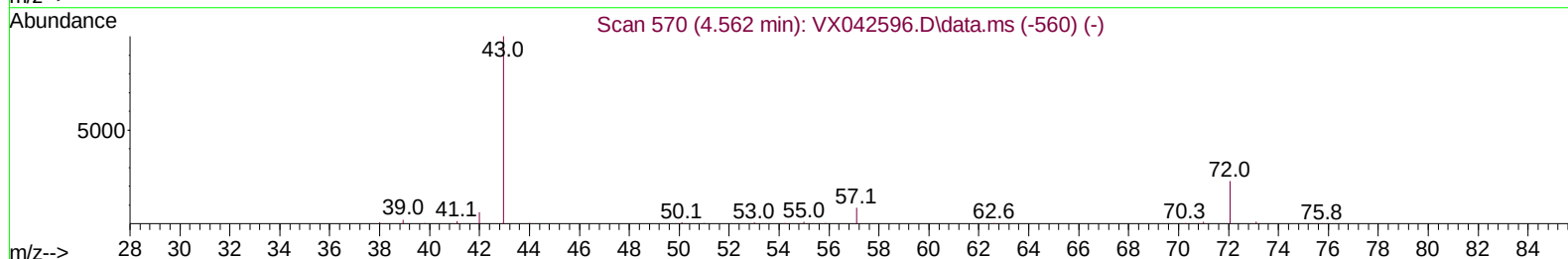
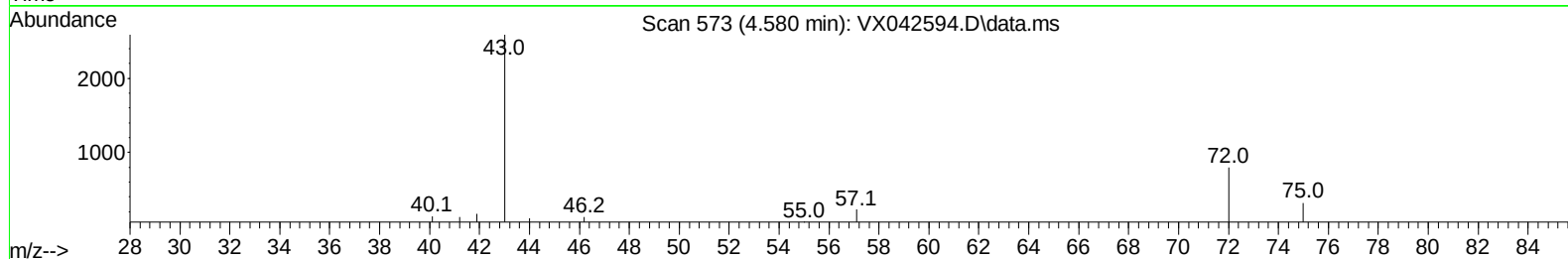
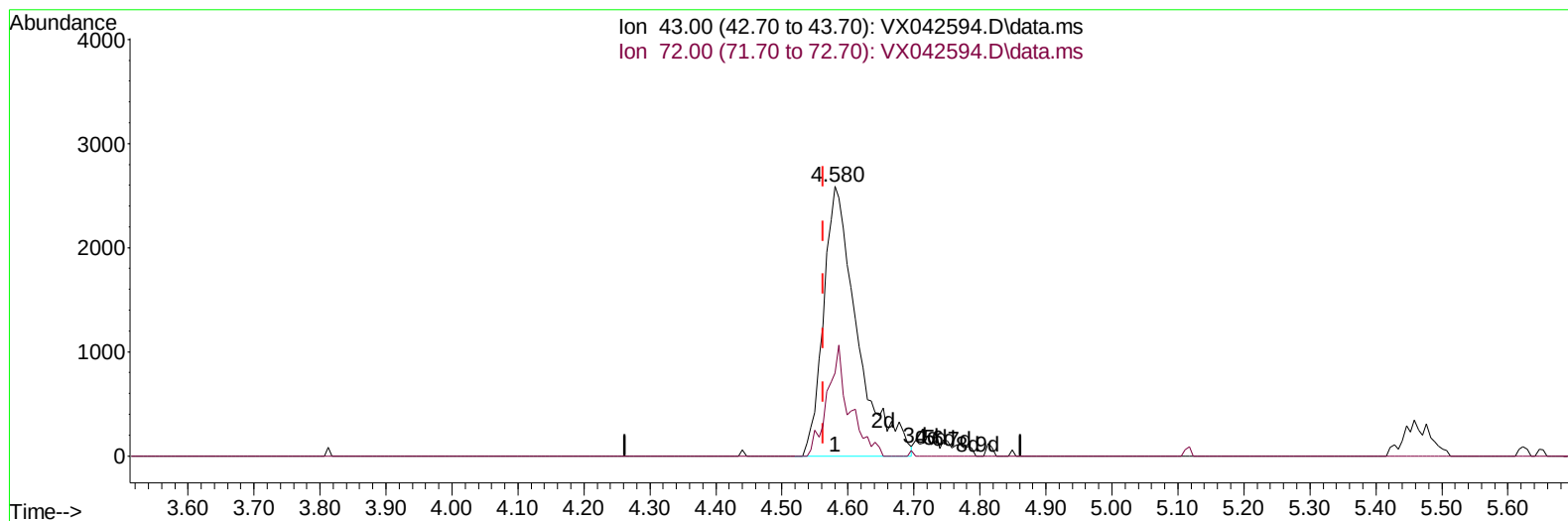
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Data File : VX042594.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

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TIC: VX042594.D\data.ms

(22) 2-Butanone (T)

4.580min (+ 0.018) 9.06 ug/L m

response 9177

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.80	16.75
0.00	0.00	0.00
0.00	0.00	0.00

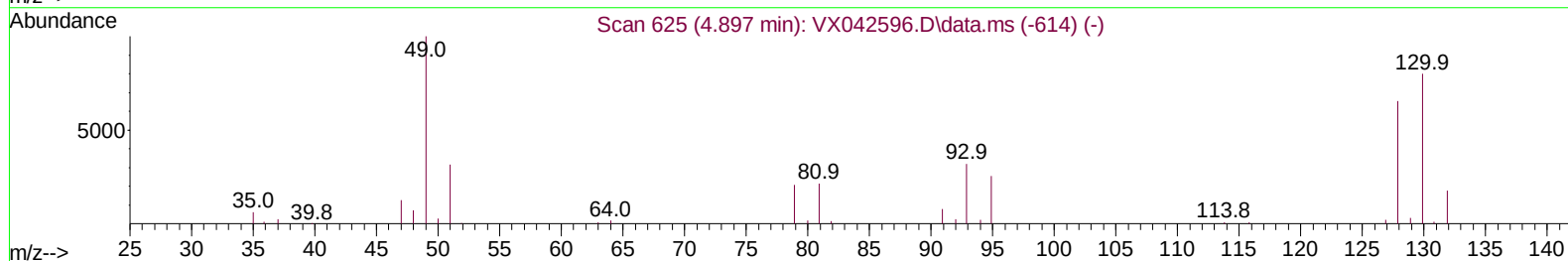
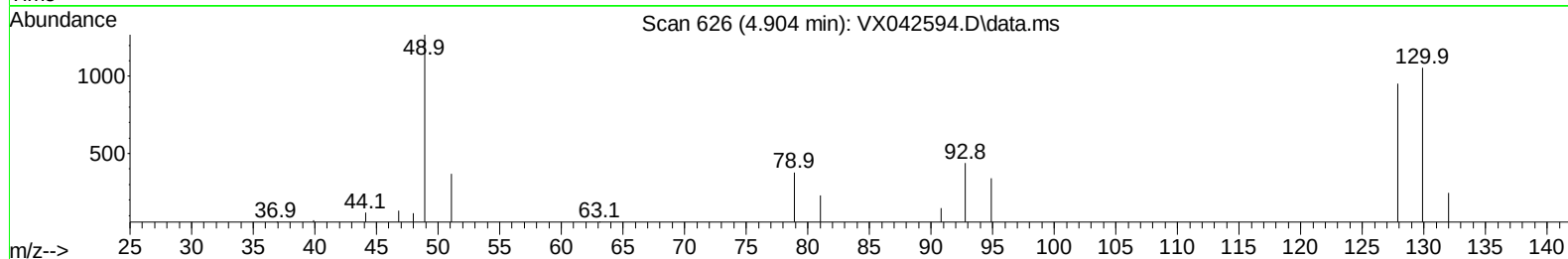
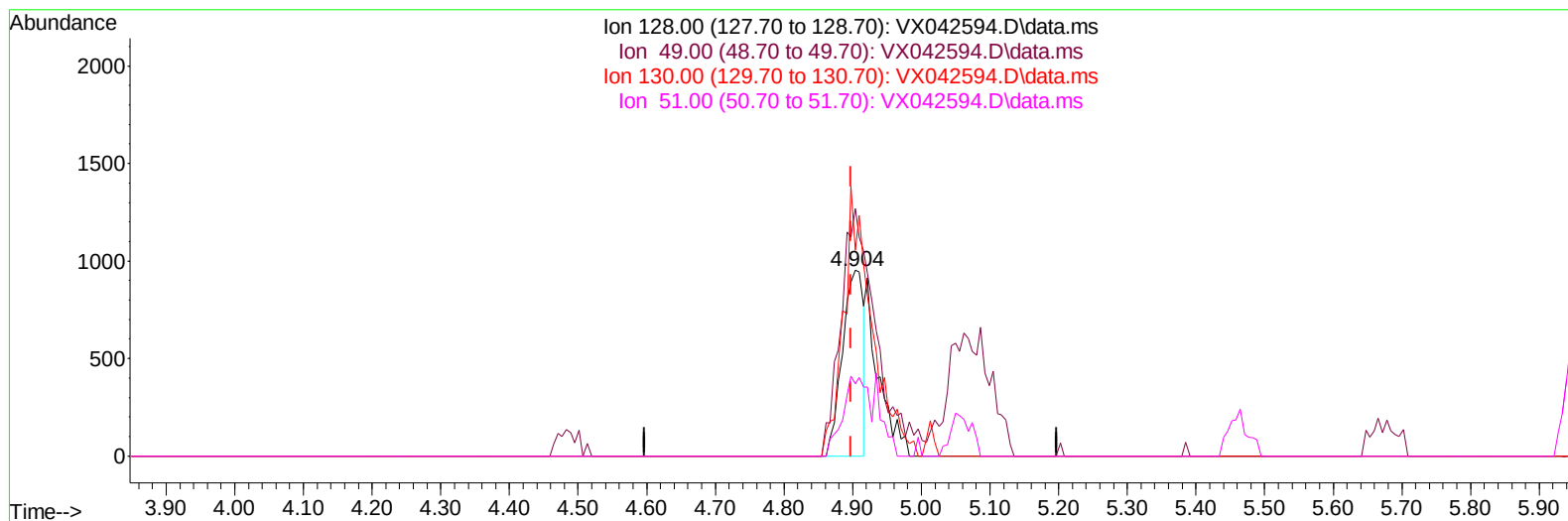
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : VOC Analysis
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TIC: VX042594.D\data.ms

(23) Bromochloromethane (T)

4.904min (+ 0.006) 3.01 ug/L

response 2021

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	152.80	133.19
130.00	122.20	110.71
51.00	48.20	38.87

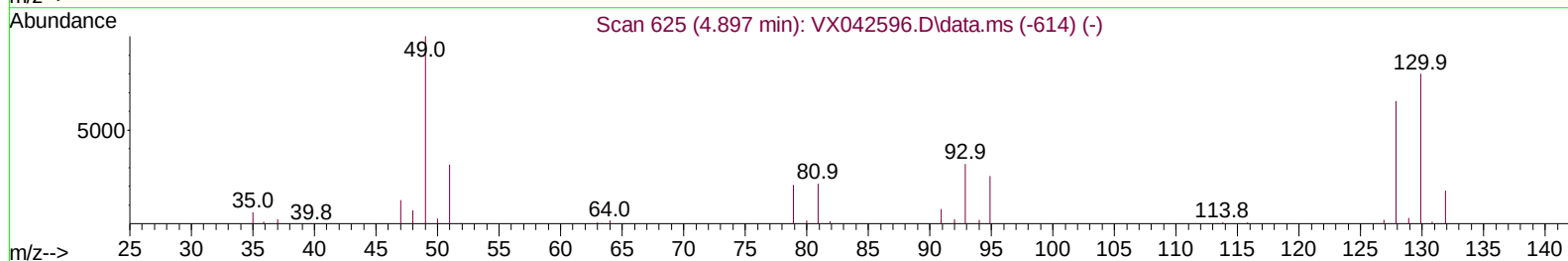
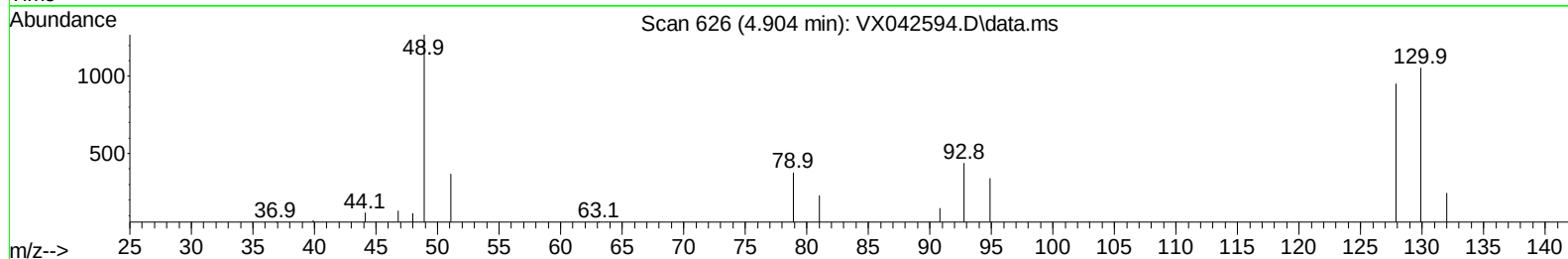
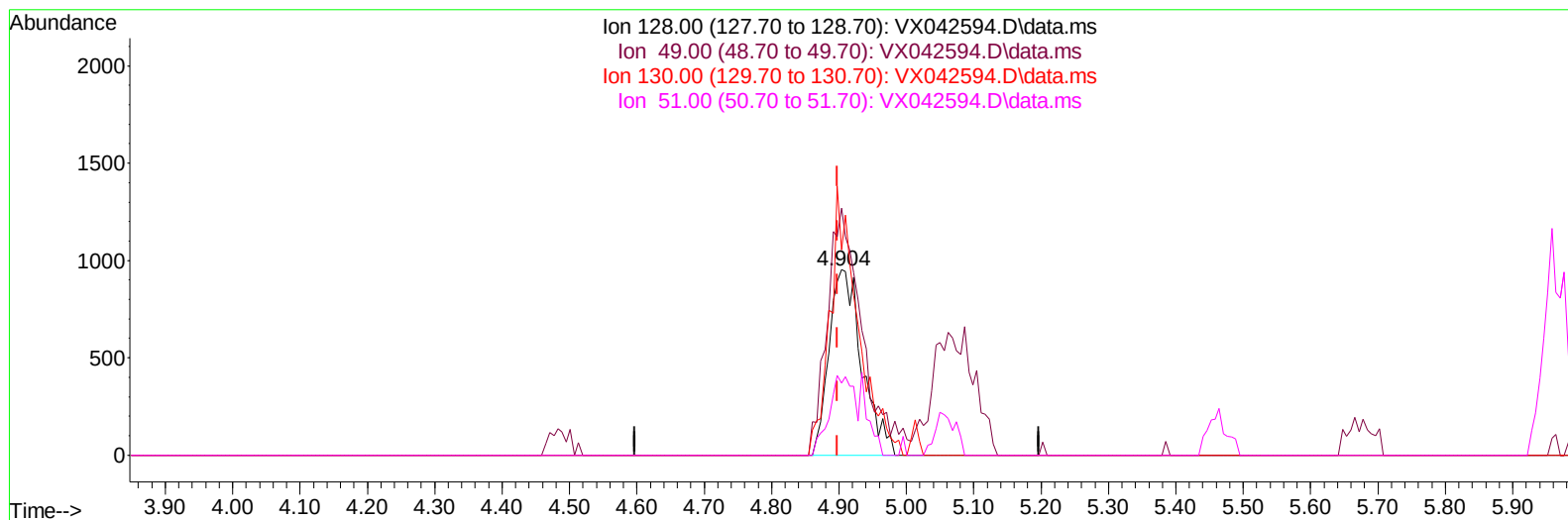
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(23) Bromochloromethane (T)

4.904min (+ 0.006) 4.79 ug/L m

response 3223

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	152.80	133.19
130.00	122.20	110.71
51.00	48.20	38.87

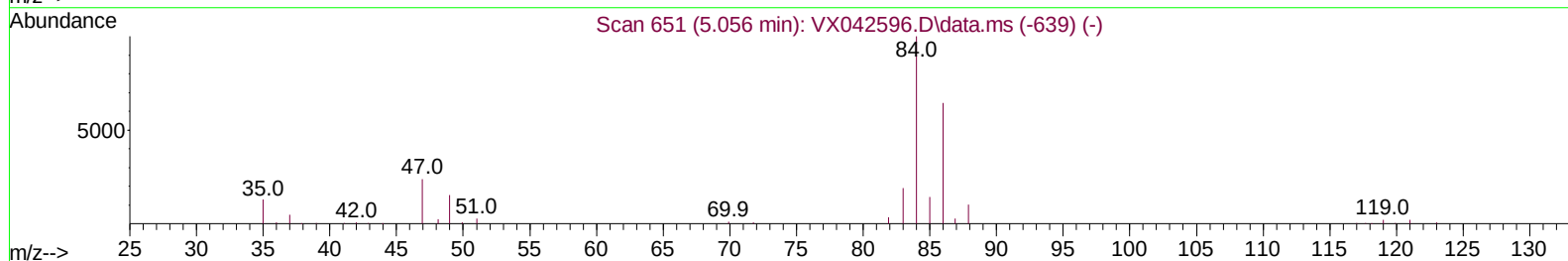
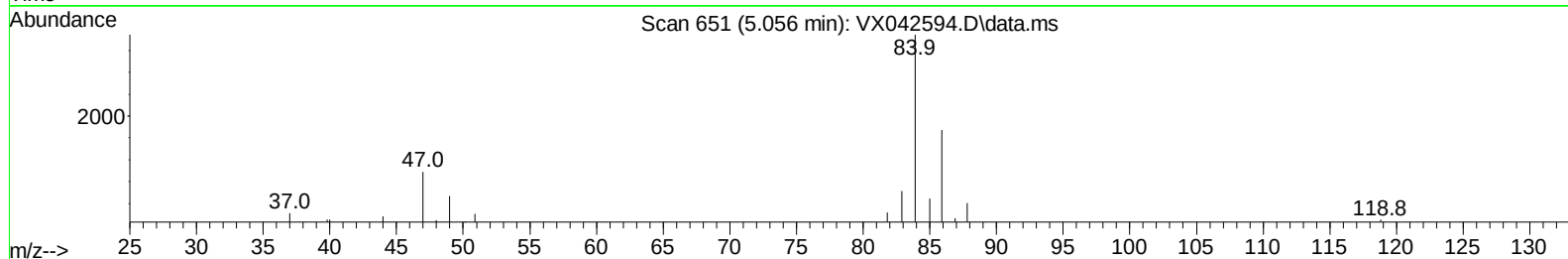
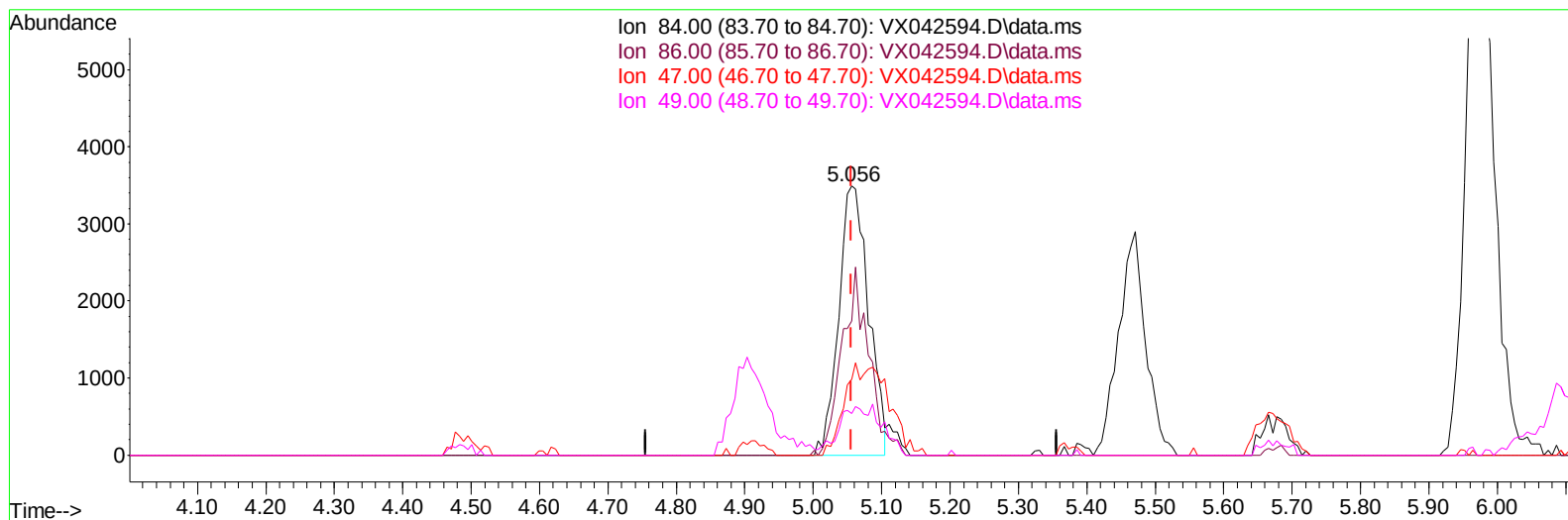
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(24) Chloroform-d (S)

5.056min (+ 0.000) 4.21 ug/L

response 10584

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.70	36.27#
47.00	41.50	19.42#
49.00	25.20	5.57#

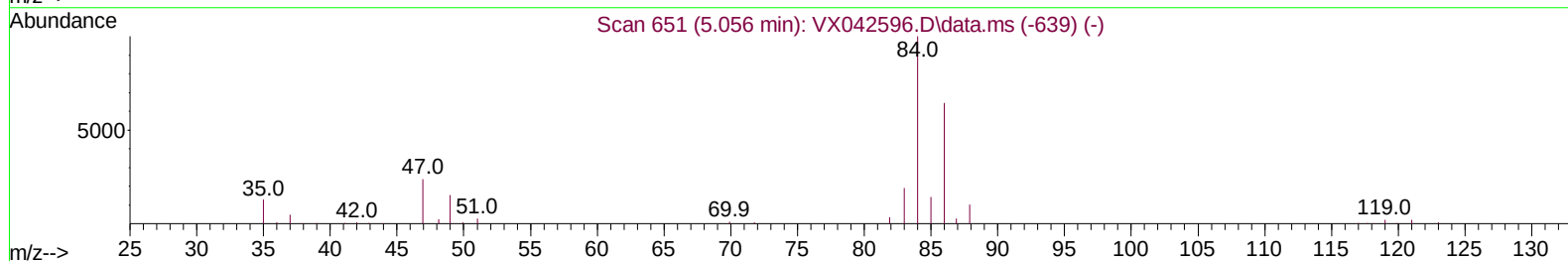
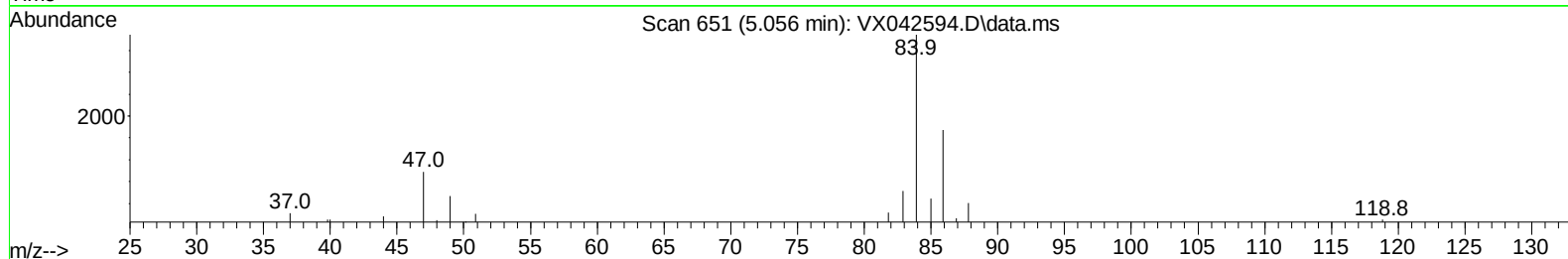
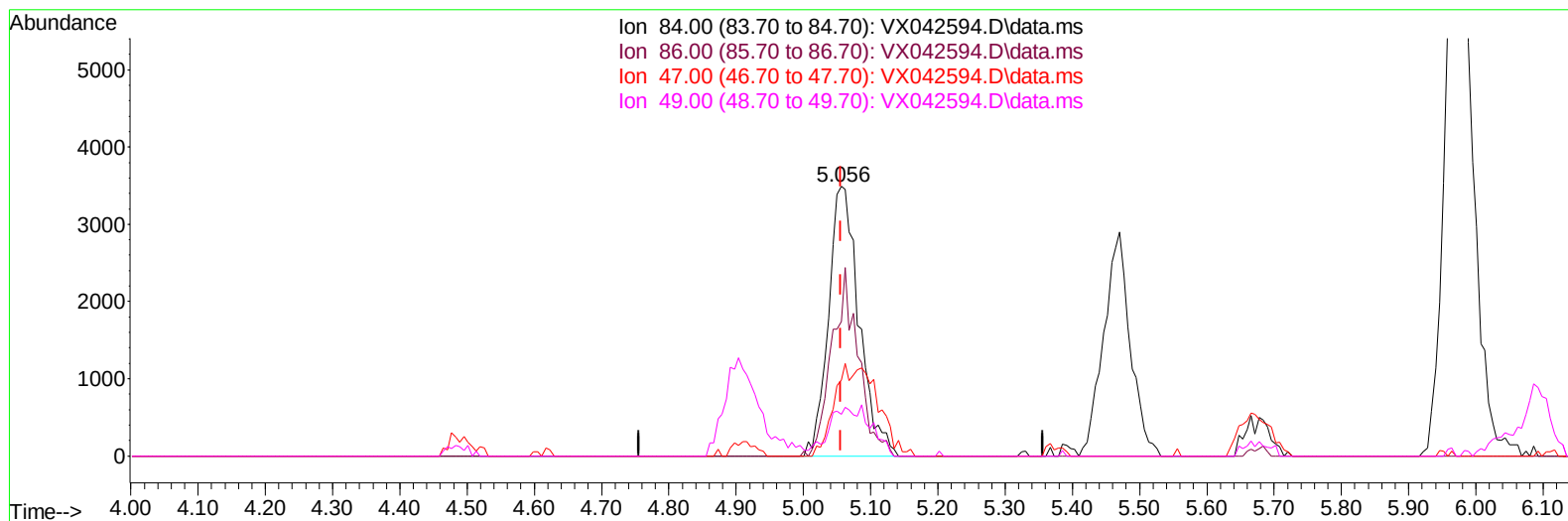
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(24) Chloroform-d (S)

5.056min (+ 0.000) 4.39 ug/L m

response 11033

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.70	34.80#
47.00	41.50	18.63#
49.00	25.20	5.35#

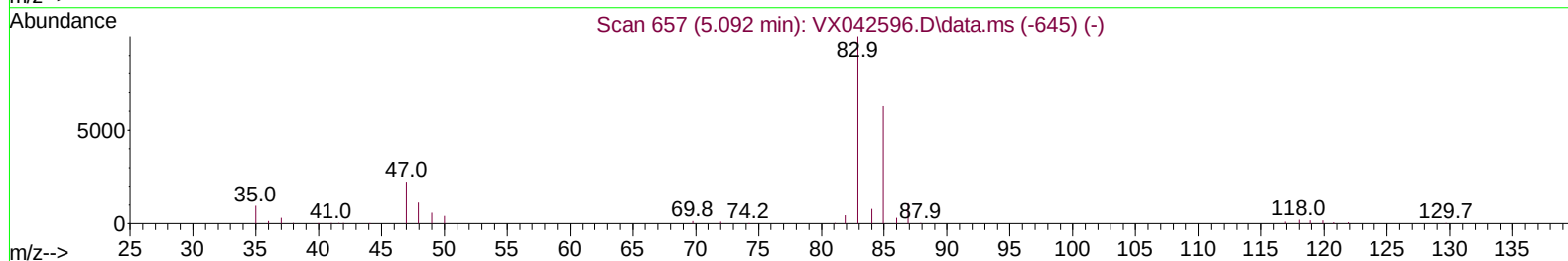
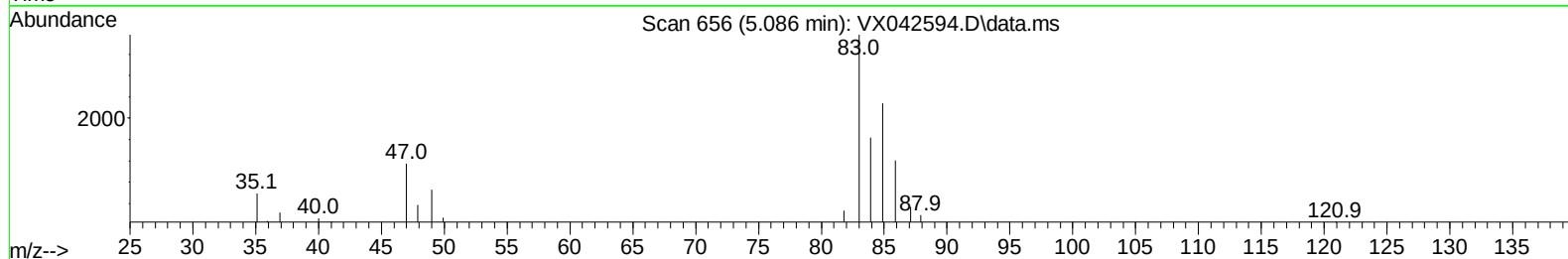
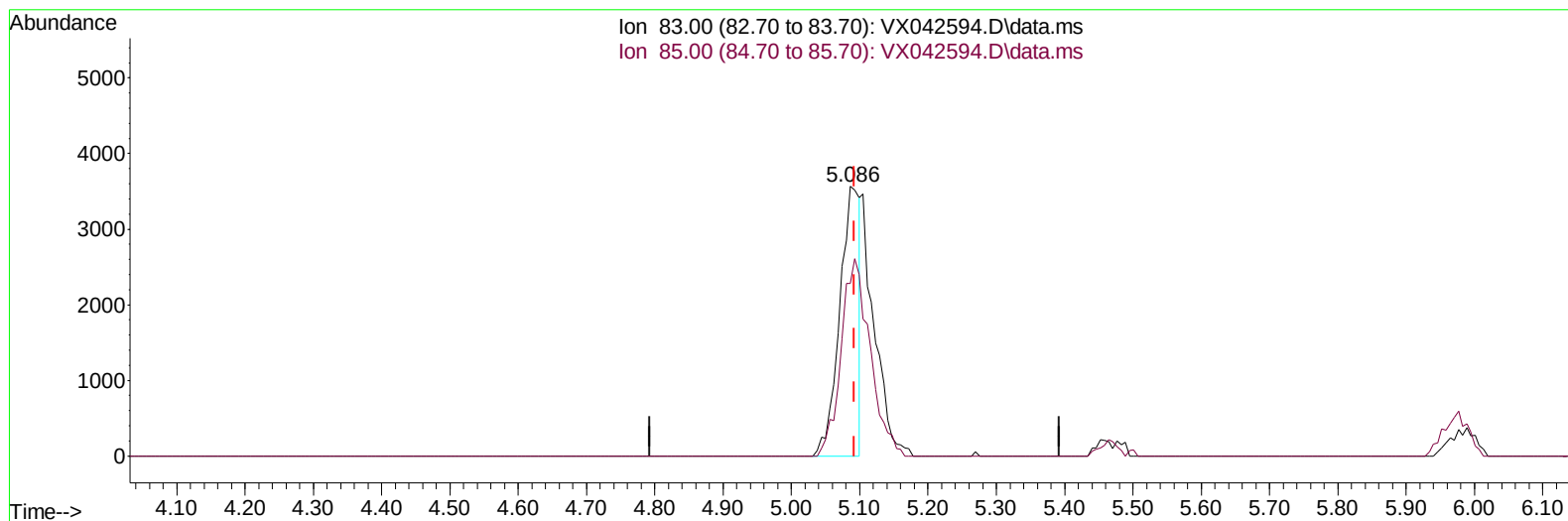
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(25) Chloroform (T)

5.086min (-0.006) 2.81 ug/L

response 7179

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.30	64.09
0.00	0.00	0.00
0.00	0.00	0.00

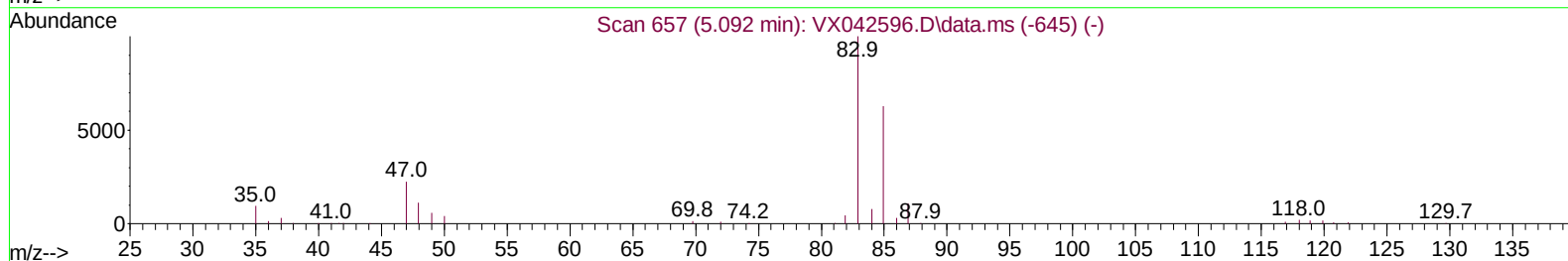
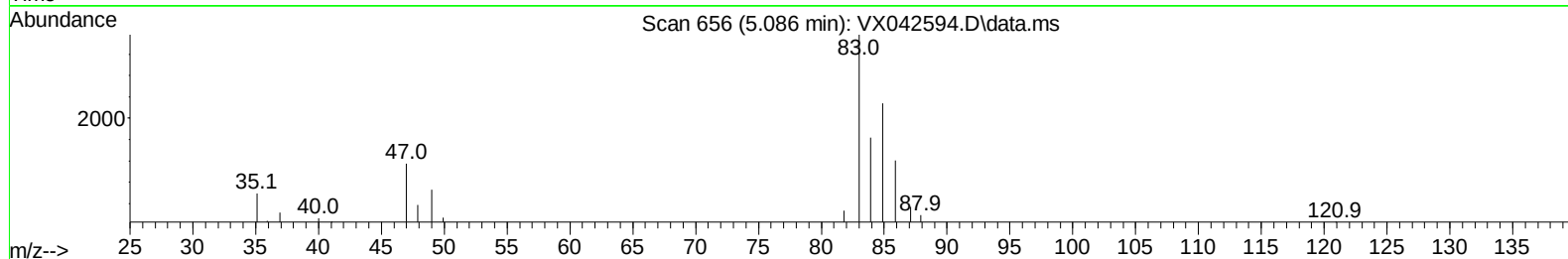
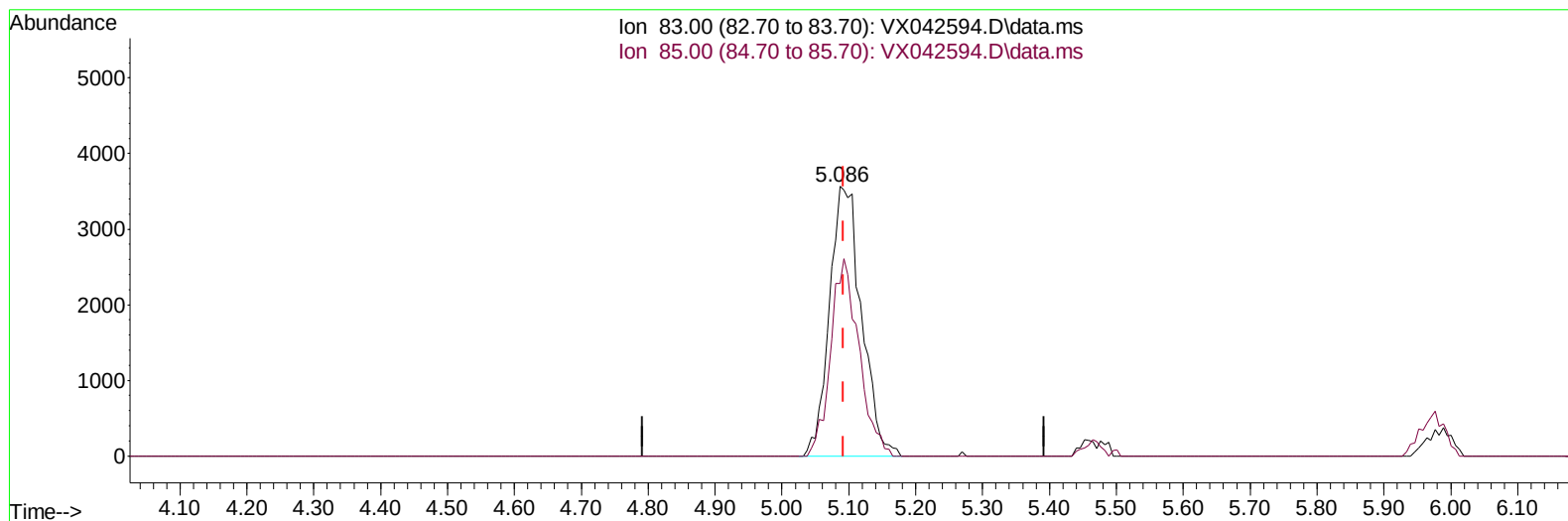
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(25) Chloroform (T)

5.086min (-0.006) 4.64 ug/L m

response 11844

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.30	64.09
0.00	0.00	0.00
0.00	0.00	0.00

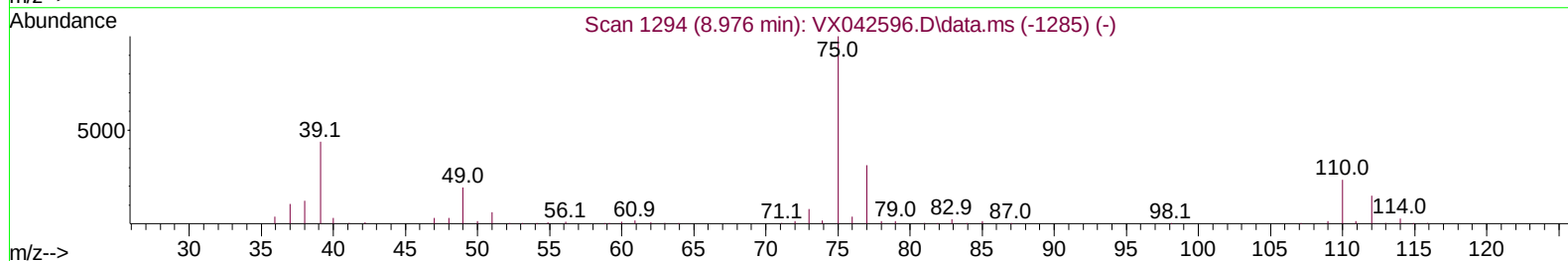
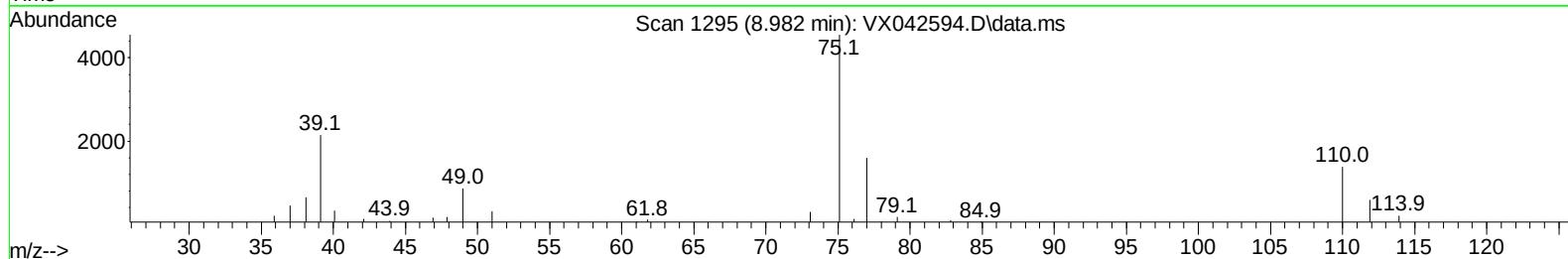
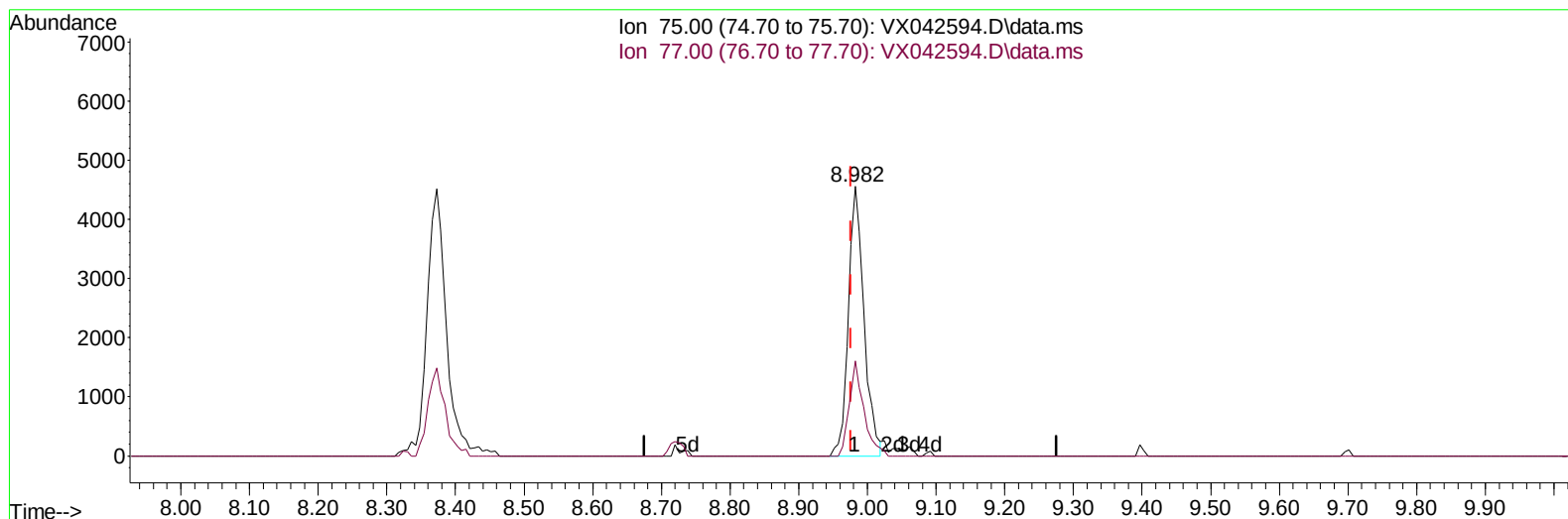
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Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.982min (+ 0.006) 3.85 ug/L

response 7258

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.40	35.20
0.00	0.00	0.00
0.00	0.00	0.00

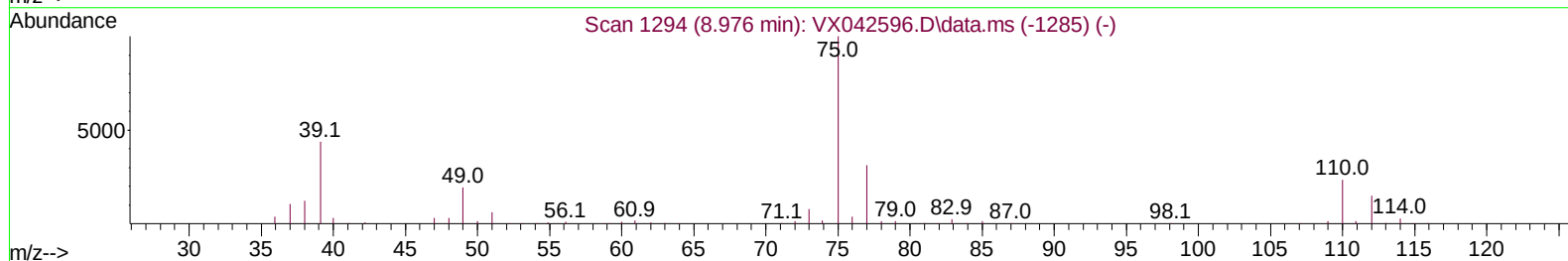
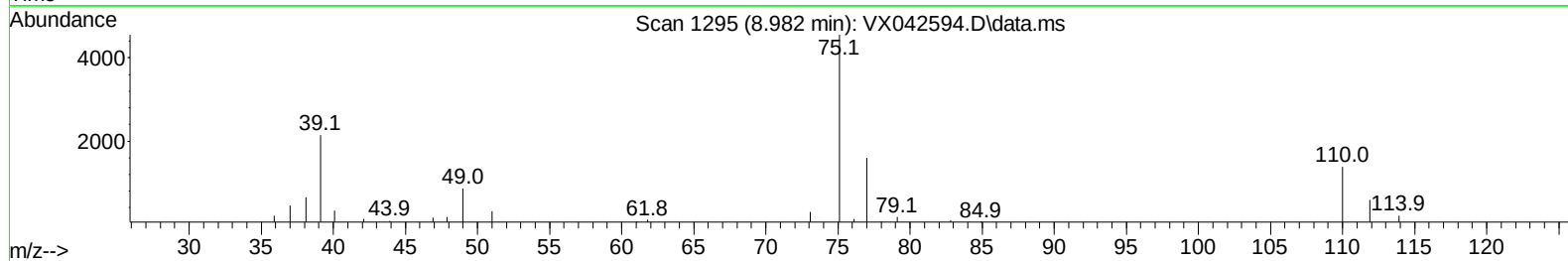
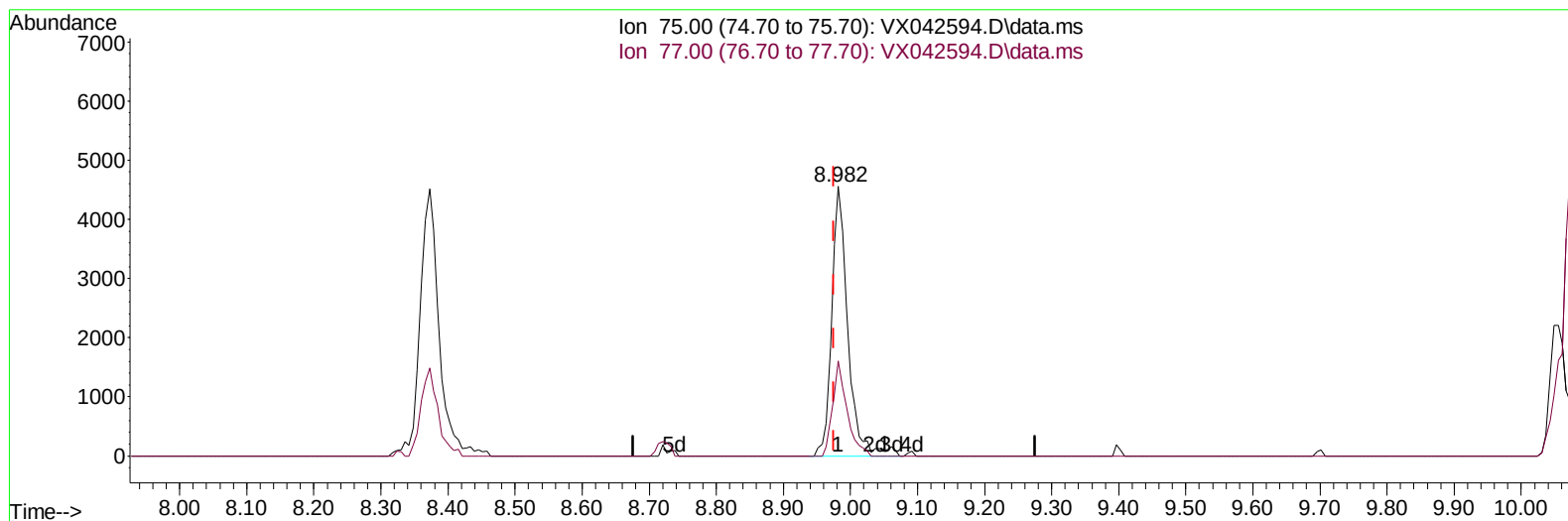
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.982min (+ 0.006) 4.05 ug/L m

response 7629

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.40	35.20
0.00	0.00	0.00
0.00	0.00	0.00

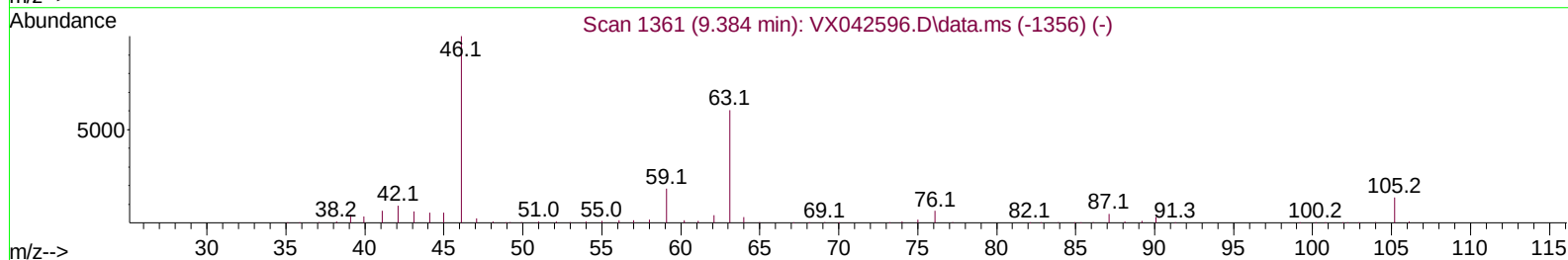
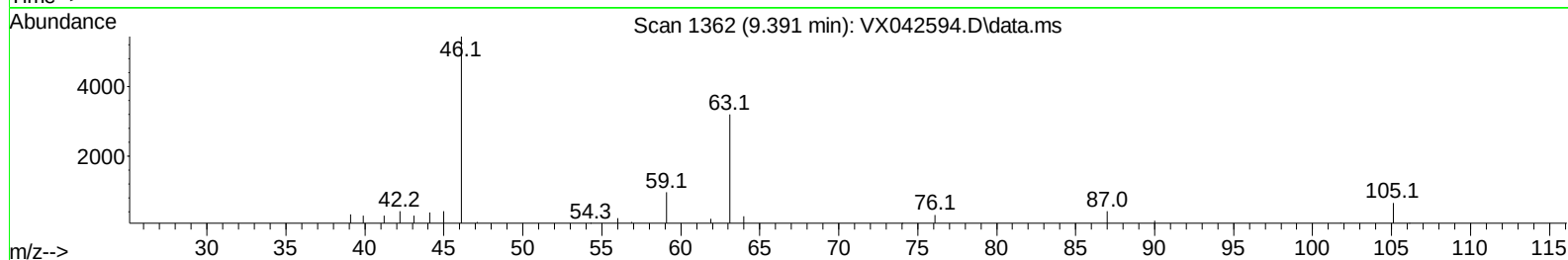
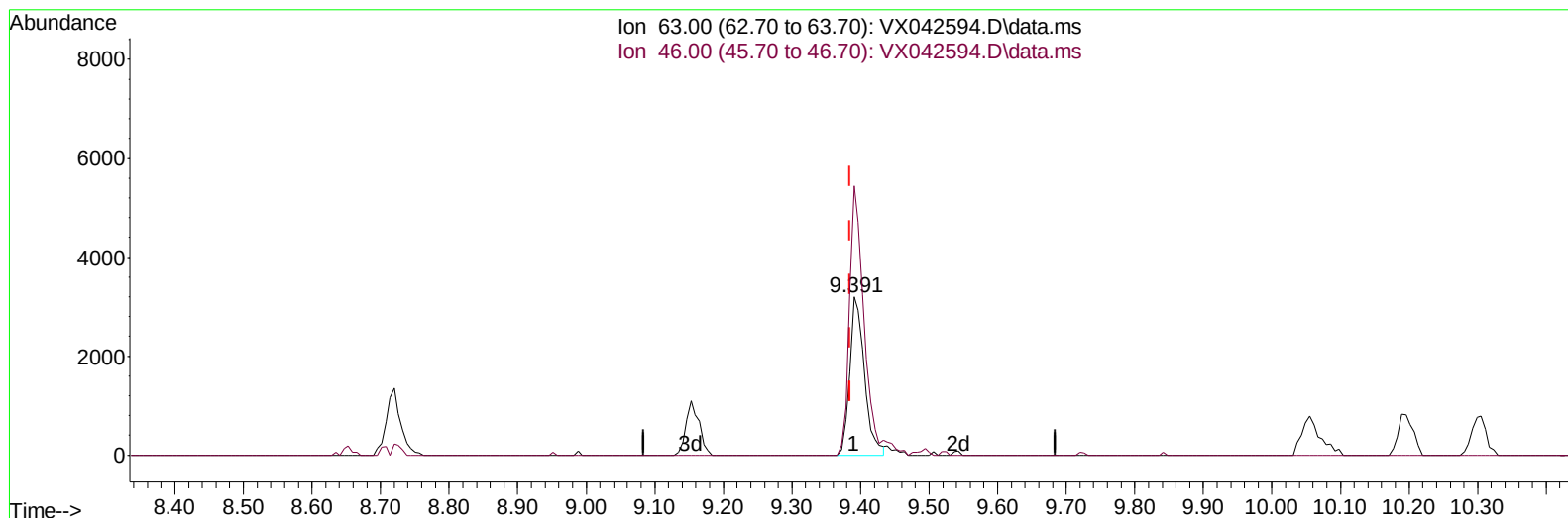
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration



TIC: VX042594.D\data.ms

(47) 2-Hexanone-d5 (S)

9.391min (+ 0.006) 7.68 ug/L

response 4820

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.10	164.54
0.00	0.00	0.00
0.00	0.00	0.00

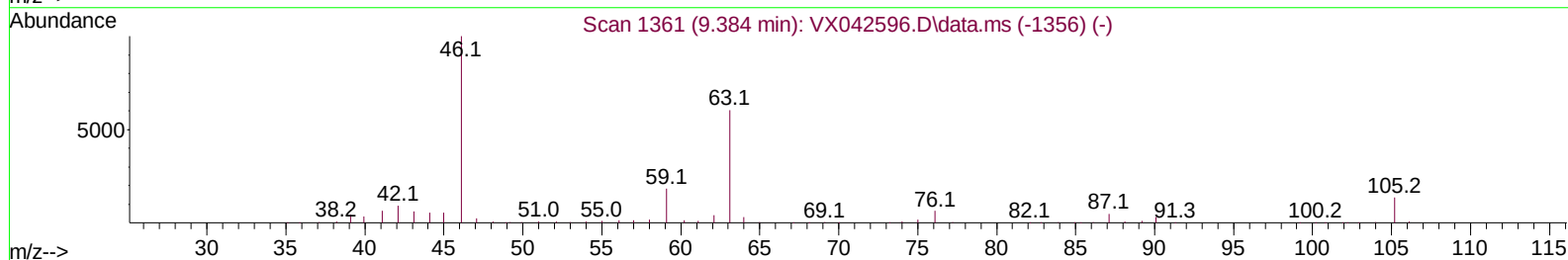
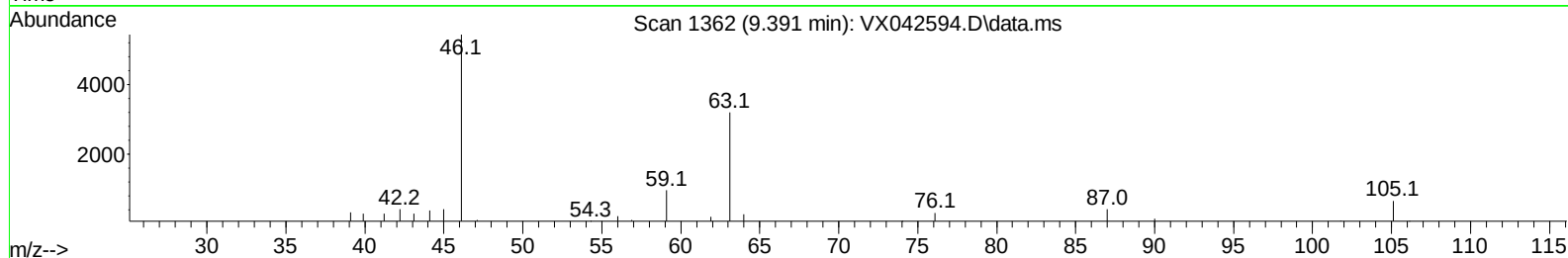
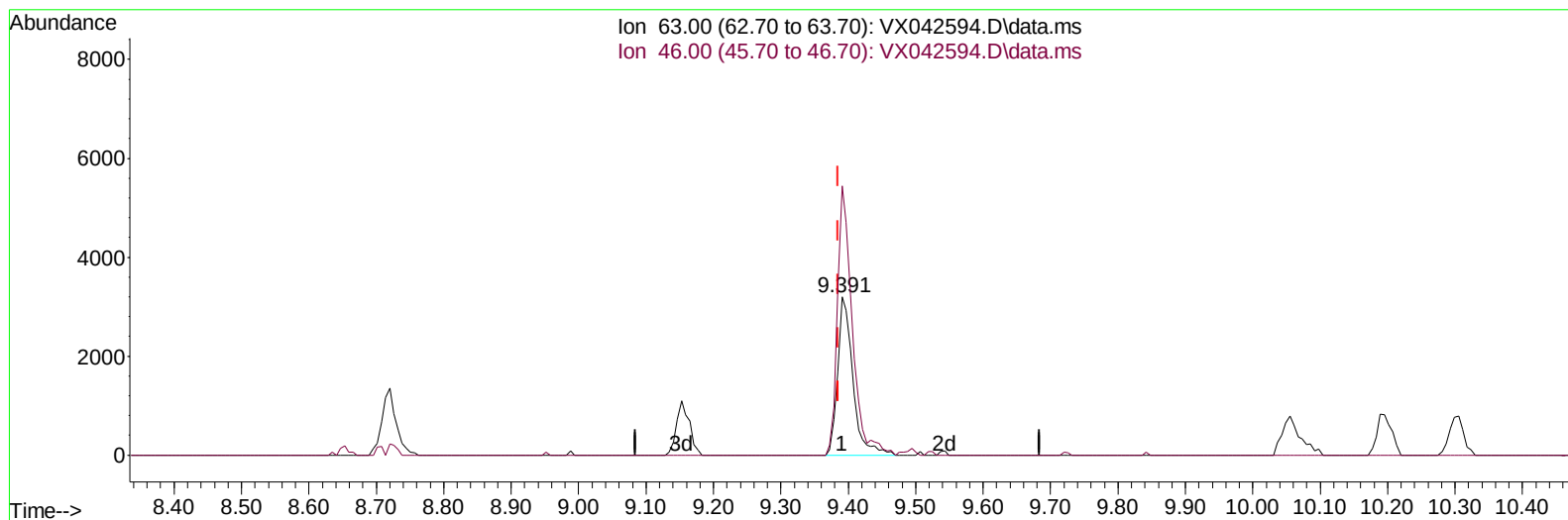
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(47) 2-Hexanone-d5 (S)

9.391min (+ 0.006) 7.99 ug/L m

response 5015

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.10	158.15
0.00	0.00	0.00
0.00	0.00	0.00

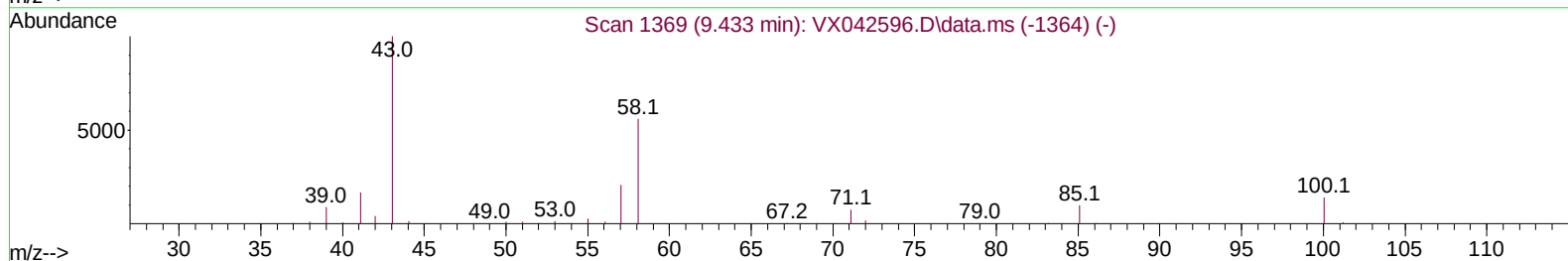
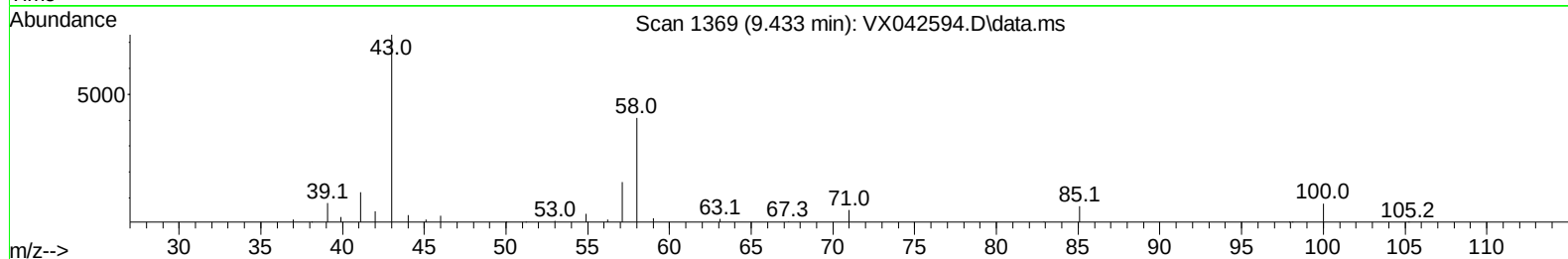
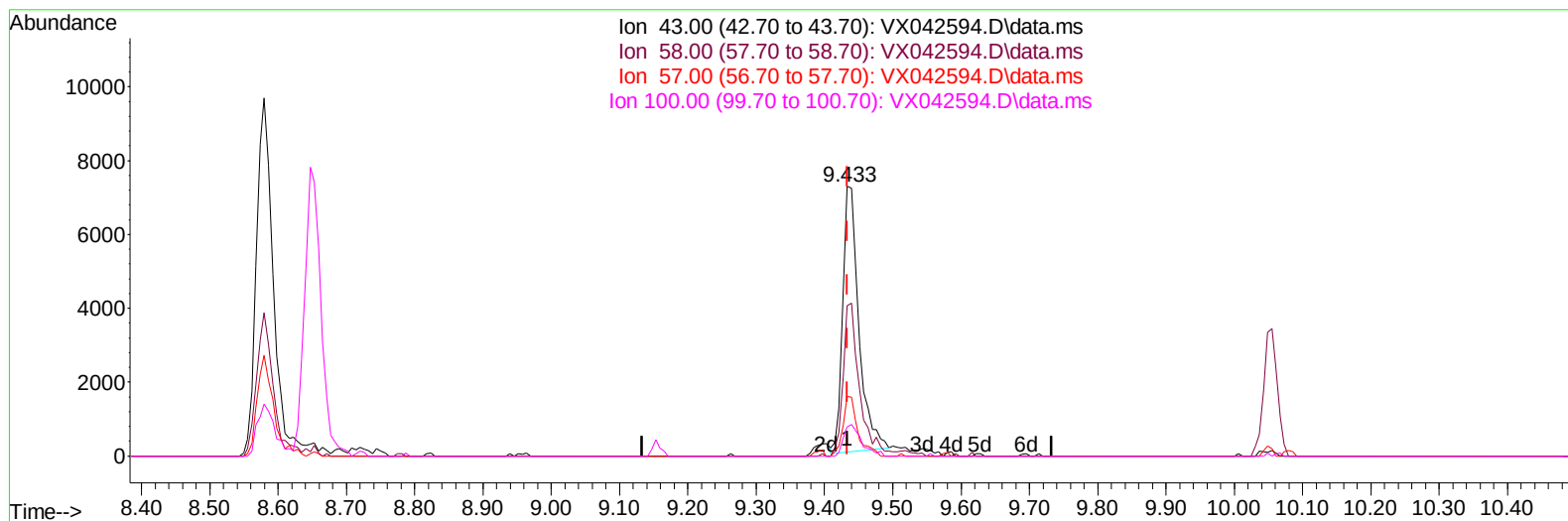
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(48) 2-Hexanone (T)

9.433min (+ 0.000) 8.14 ug/L

response 11888

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.10	54.90
57.00	19.70	20.55
100.00	13.50	12.64

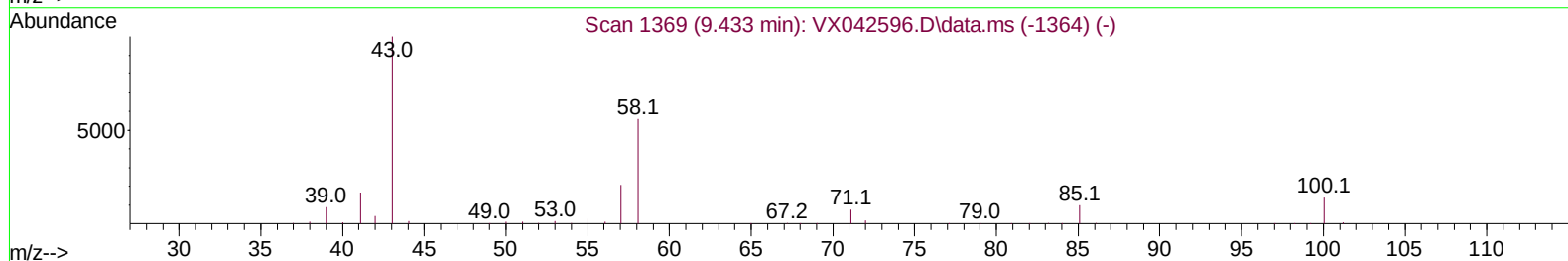
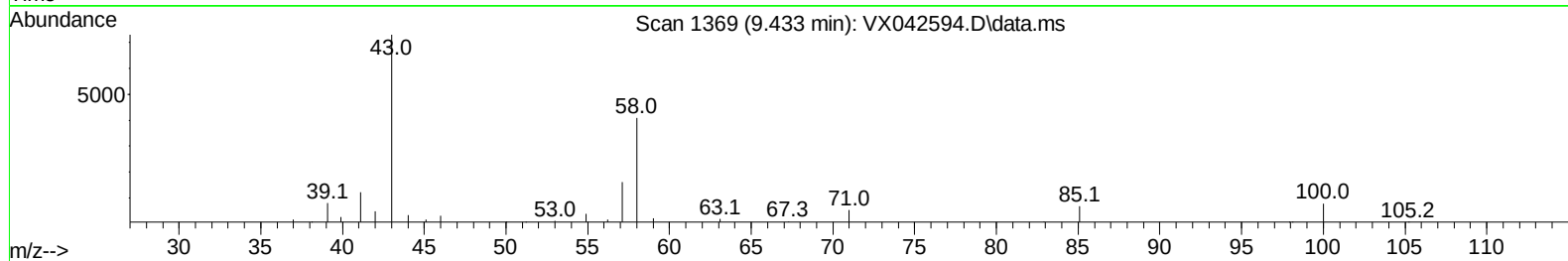
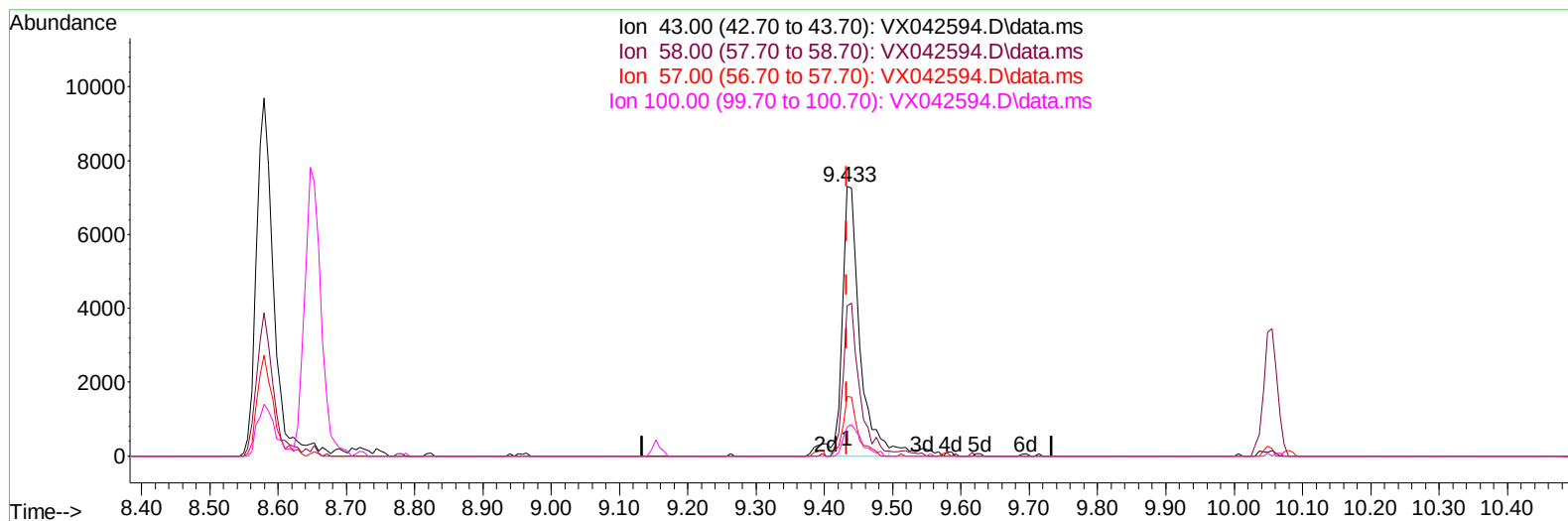
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(48) 2-Hexanone (T)

9.433min (+ 0.000) 8.64 ug/L m

response 12610

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.10	51.75
57.00	19.70	19.37
100.00	13.50	11.92

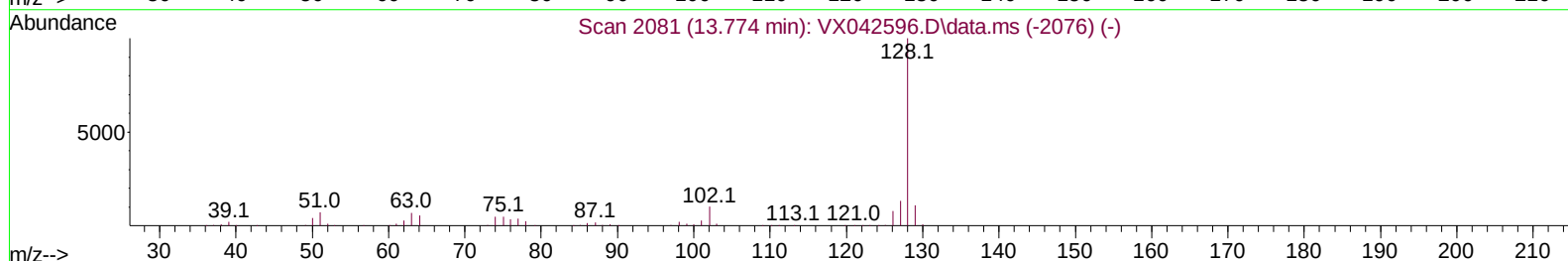
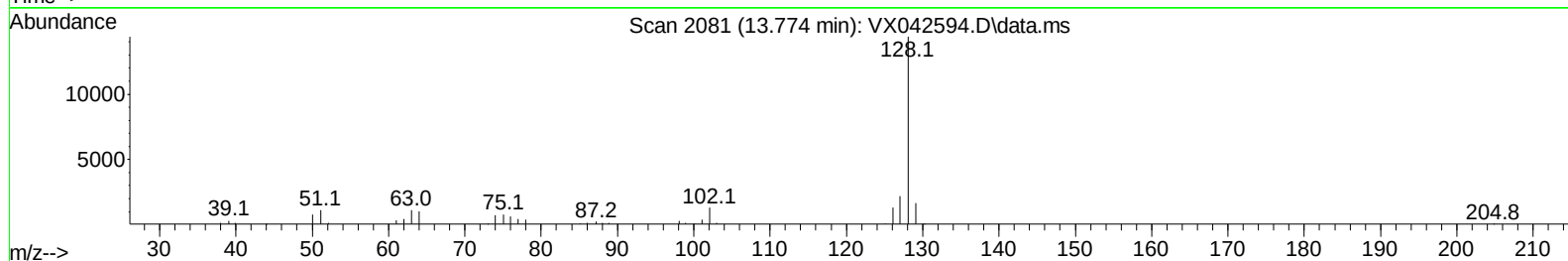
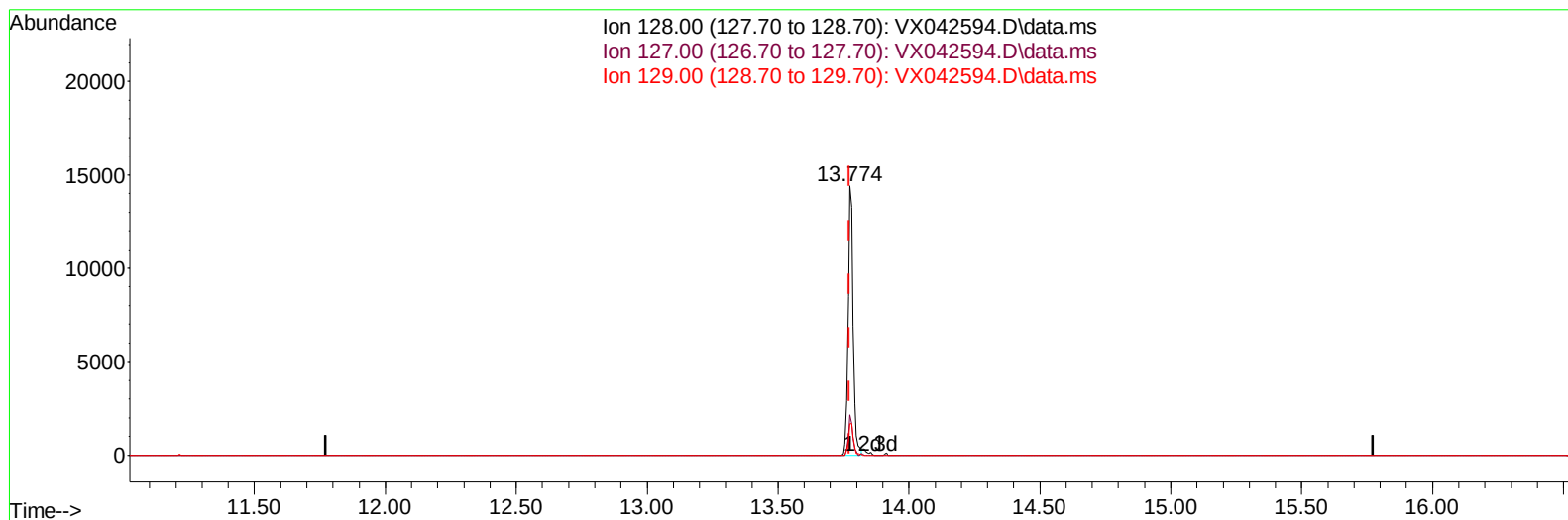
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(71) Naphthalene

13.774min (+ 0.000) 4.12 ug/L

response 18879

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	12.90	12.85
129.00	10.90	11.56
0.00	0.00	0.00

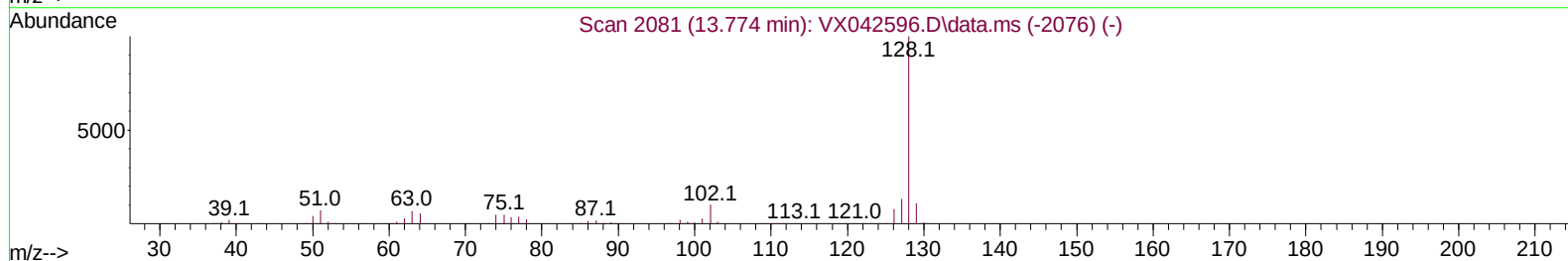
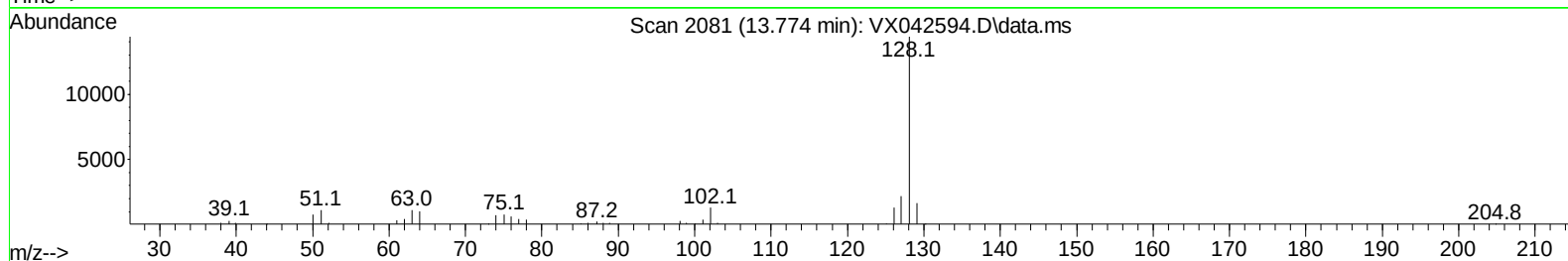
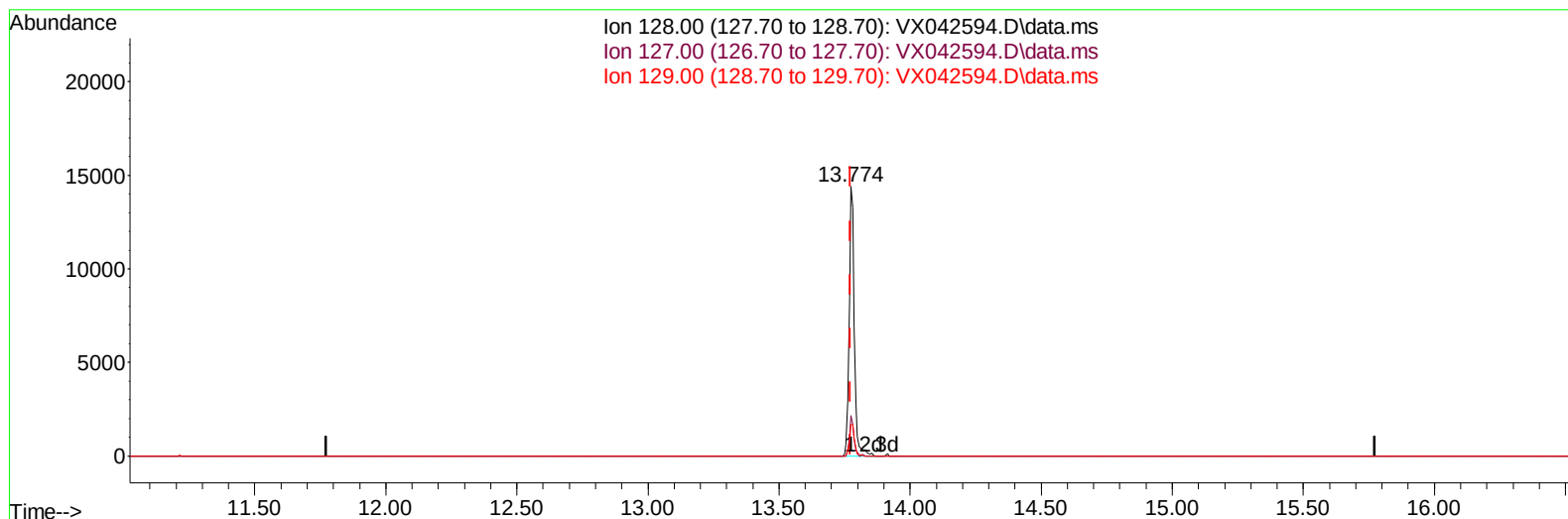
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



TIC: VX042594.D\data.ms

(71) Naphthalene

13.774min (+ 0.000) 4.22 ug/L m

response 19340

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	12.90	12.54
129.00	10.90	11.28
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042594.D
 Acq On : 26 Jul 2024 12:57
 Operator : JC/MD
 Sample : VSTD00512
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005612

Manual IntegrationsAPPROVED

Quant Time: Jul 27 00:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

Reviewed By :John Carlone 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	189032	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	5366	4.672	ug/L	0.00
7) Chloroethane-d5	1.642	69	2058m	4.349	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	2588	4.665	ug/L	0.00
21) 2-Butanone-d5	4.483	46	7792m	9.154	ug/L	0.02
24) Chloroform-d	5.056	84	11033m	4.389	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	7547	4.654	ug/L	0.00
32) Benzene-d6	5.977	84	20900	4.390	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	6086	4.320	ug/L	0.01
41) Toluene-d8	8.653	98	18614	4.361	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	2391	3.627	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	5015m	7.988	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	9089	4.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	5839	4.598	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7965	4.769	ug/L	99
3) Chloromethane	1.301	50	6833	4.948	ug/L	92
5) Vinyl chloride	1.374	62	6236	4.750	ug/L	87
6) Bromomethane	1.599	94	2040	4.949	ug/L	78
8) Chloroethane	1.666	64	2395m	4.971	ug/L	
9) Trichlorofluoromethane	1.868	101	8588m	4.651	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	6536	4.895	ug/L	95
12) 1,1-Dichloroethene	2.313	96	5616	4.596	ug/L	89
13) Acetone	2.386	43	6893	10.360	ug/L	90
14) Carbon disulfide	2.502	76	12668	4.246	ug/L	95
15) Methyl Acetate	2.715	43	7653	5.189	ug/L	97
16) Methylene chloride	2.782	84	7180m	5.088	ug/L	
17) trans-1,2-Dichloroethene	3.093	96	5961	4.753	ug/L	81
18) Methyl tert-butyl Ether	3.123	73	19808	4.557	ug/L	98
19) 1,1-Dichloroethane	3.611	63	11287	4.714	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	6656	4.647	ug/L	89
22) 2-Butanone	4.580	43	9177m	9.056	ug/L	
23) Bromochloromethane	4.904	128	3223m	4.794	ug/L	
25) Chloroform	5.086	83	11844m	4.639	ug/L	
27) 1,2-Dichloroethane	6.086	62	9535	4.702	ug/L	95
29) Cyclohexane	5.464	56	8942	4.410	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	10117	4.618	ug/L #	91
31) Carbon tetrachloride	5.678	117	8181	4.421	ug/L	95
33) Benzene	6.038	78	25258	4.812	ug/L	100
34) Trichloroethene	7.129	95	6762	4.822	ug/L	94
35) Methylcyclohexane	7.379	83	9125	4.299	ug/L	95
37) 1,2-Dichloropropane	7.428	63	6235	4.570	ug/L #	89
38) Bromodichloromethane	7.824	83	7682	4.357	ug/L	89
39) cis-1,3-Dichloropropene	8.372	75	8712	4.160	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	16024	8.537	ug/L	99
42) Toluene	8.720	91	24320	4.498	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042594.D
 Acq On : 26 Jul 2024 12:57
 Operator : JC/MD
 Sample : VSTD00512
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.982	75	7629m	4.051	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	6775	4.917	ug/L	99
46) Tetrachloroethene	9.275	164	4597	4.807	ug/L	88
48) 2-Hexanone	9.433	43	12610m	8.639	ug/L	
49) Dibromochloromethane	9.519	129	5529	4.297	ug/L	91
50) 1,2-Dibromoethane	9.610	107	6696	4.673	ug/L #	87
51) Chlorobenzene	10.079	112	16737	4.787	ug/L	89
52) Ethylbenzene	10.195	91	26098	4.401	ug/L	98
53) m,p-Xylene	10.305	106	9551	4.276	ug/L	91
54) o-Xylene	10.640	106	9390	4.226	ug/L	93
55) Styrene	10.659	104	15014	4.053	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	10336	4.691	ug/L	97
59) Bromoform	10.805	173	3303	4.380	ug/L #	94
60) Isopropylbenzene	10.963	105	23704	4.669	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	8117	5.221	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	18995	4.498	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	18492	4.435	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	10377	4.752	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	10764	4.894	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	10477	4.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	1833	4.426	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.116	180	5995	4.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5006	4.215	ug/L	94
71) Naphthalene	13.774	128	19340m	4.221	ug/L	
72) 1,2,3-Trichlorobenzene	13.957	180	5284	4.295	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042594.D
Acq On : 26 Jul 2024 12:57
Operator : JC/MD
Sample : VSTD00512
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005612

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 27 00:34:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 00:33:58 2024
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