

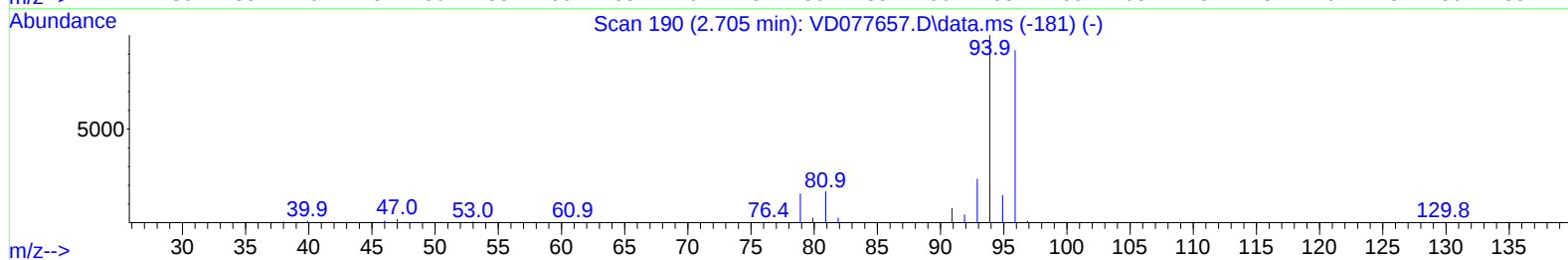
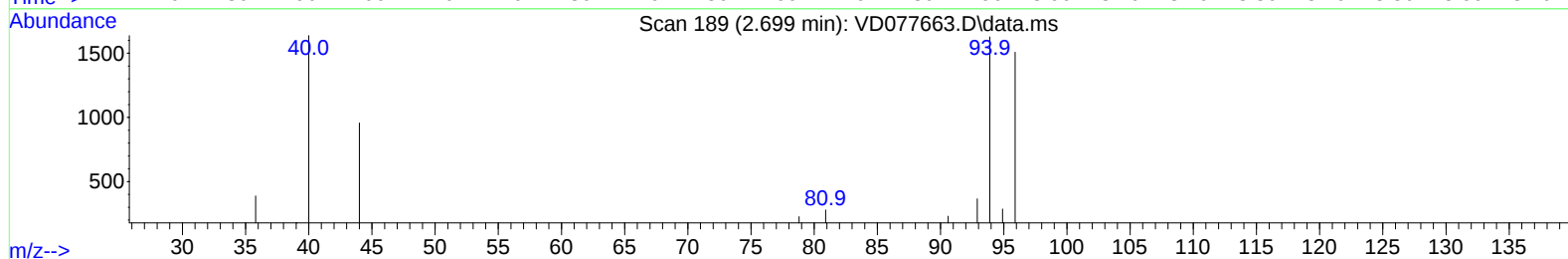
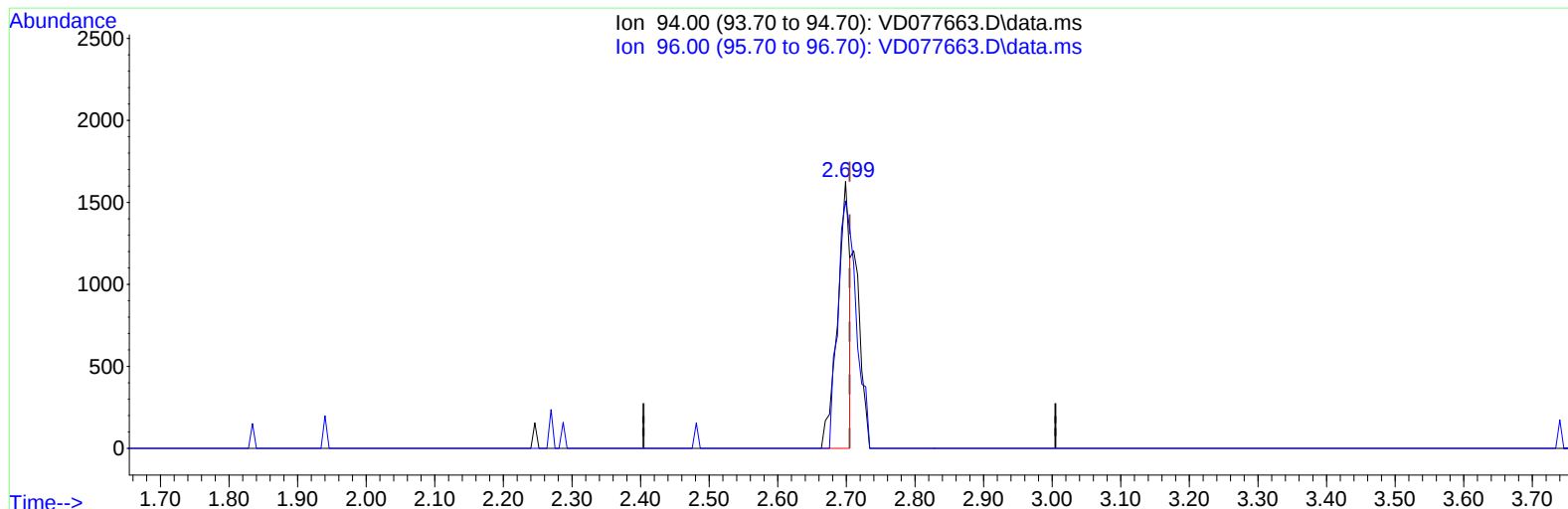
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(6) Bromomethane (T)

2.699min (-0.006) 14.67 ug/L

response	1997	
Ion	Exp%	Act%
94.00	100.00	100.00
96.00	92.20	92.69
0.00	0.00	0.00
0.00	0.00	0.00

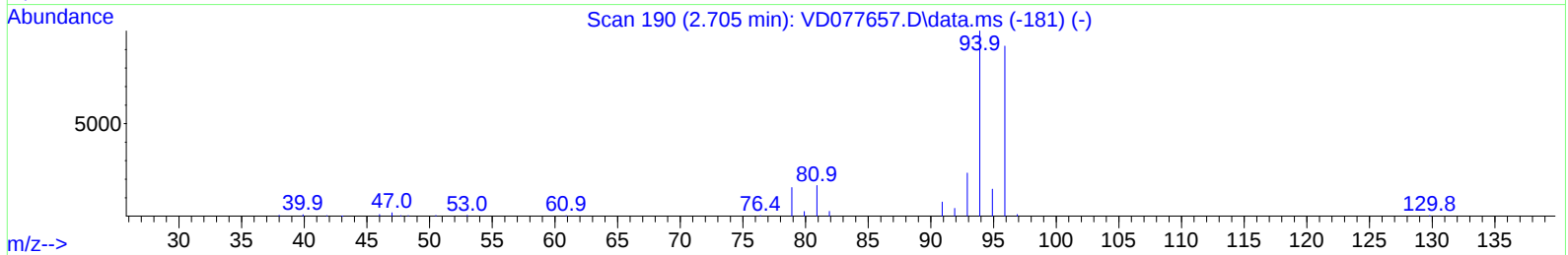
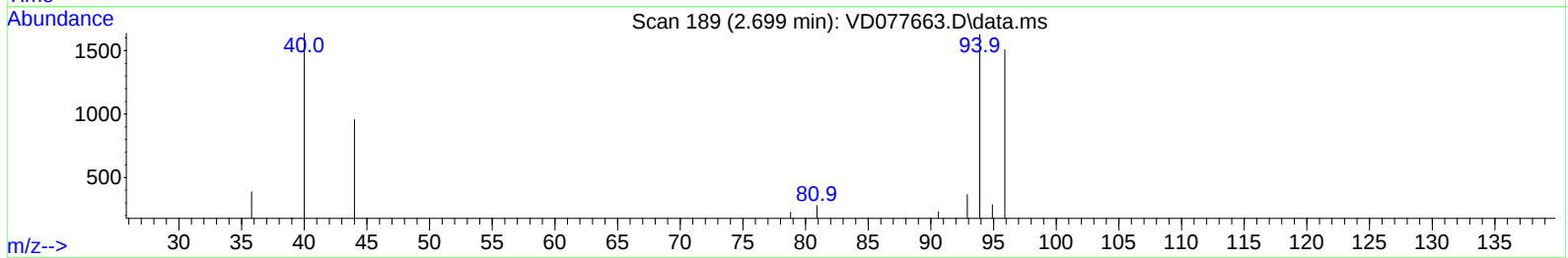
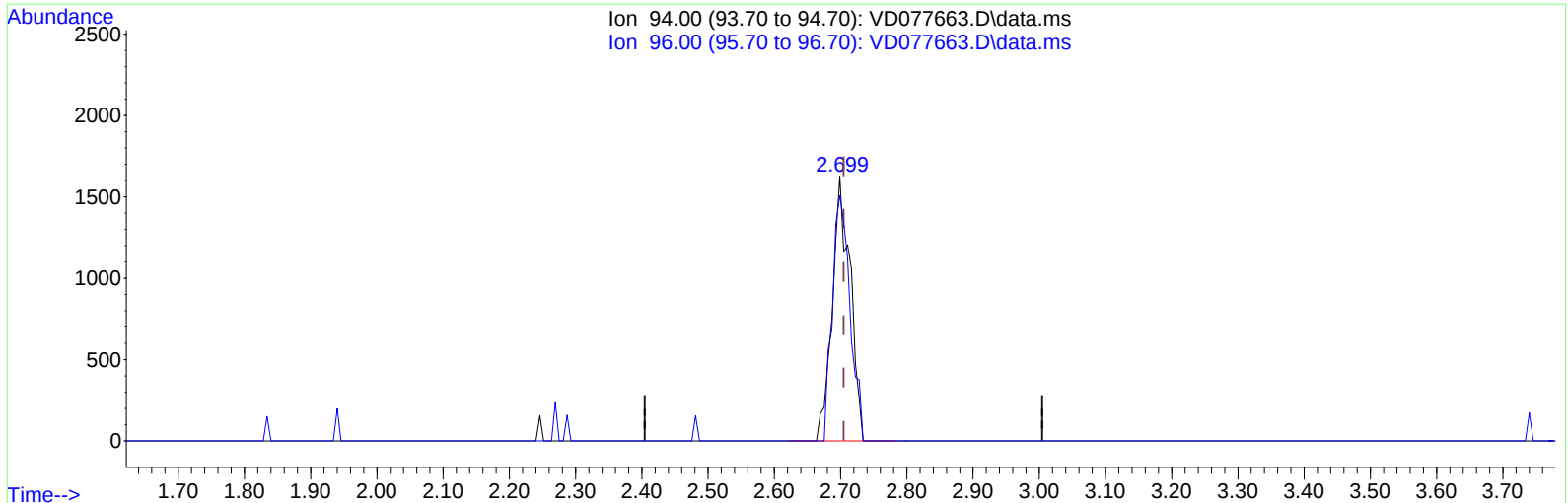
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(6) Bromomethane (T)

2.699min (-0.006) 22.44 ug/L m

response 3054

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	92.20	92.69
0.00	0.00	0.00
0.00	0.00	0.00

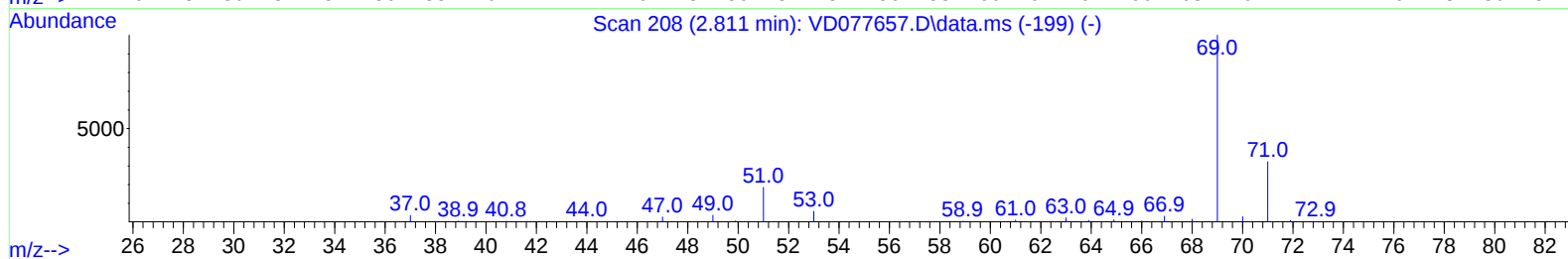
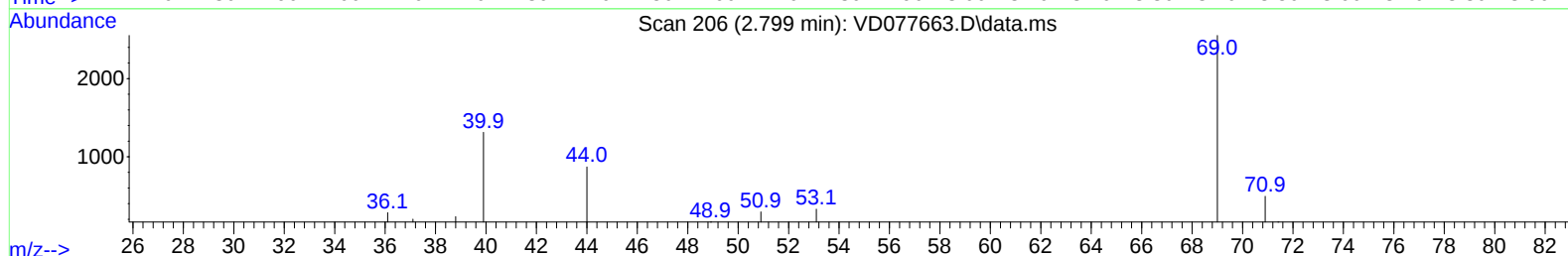
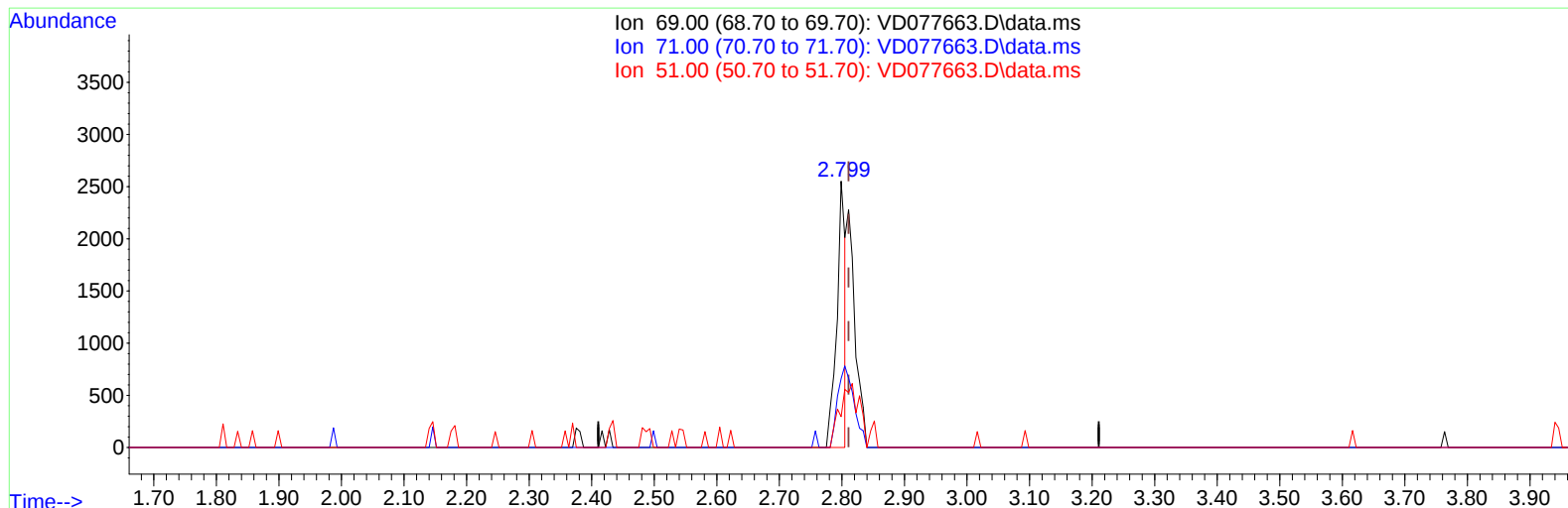
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(7) Chloroethane-d5 (S)

2.799min (-0.012) 12.43 ug/L

response 2427

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	30.70	58.14#
51.00	21.30	42.11#
0.00	0.00	0.00

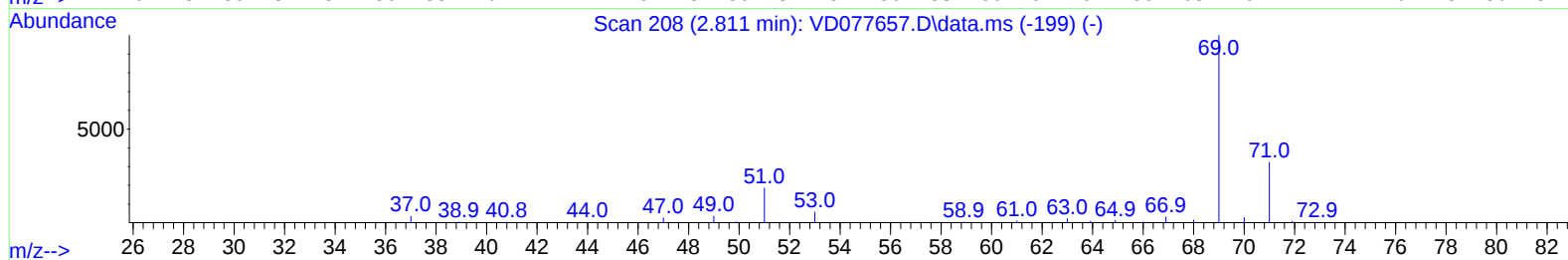
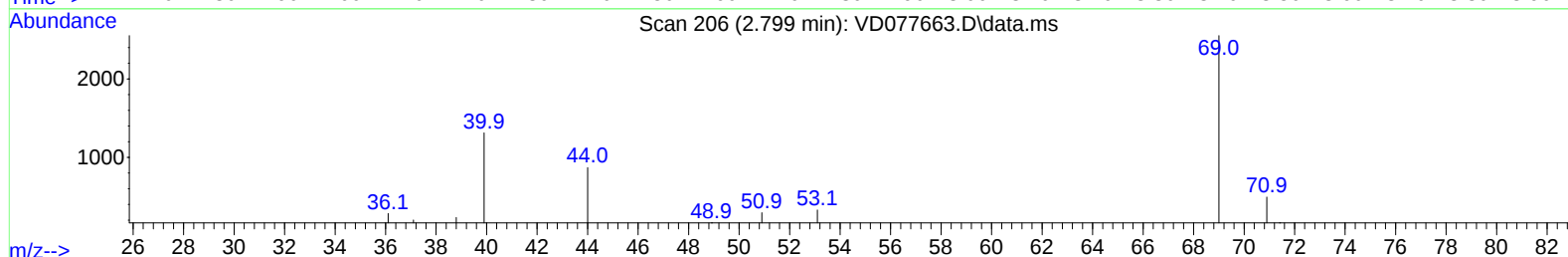
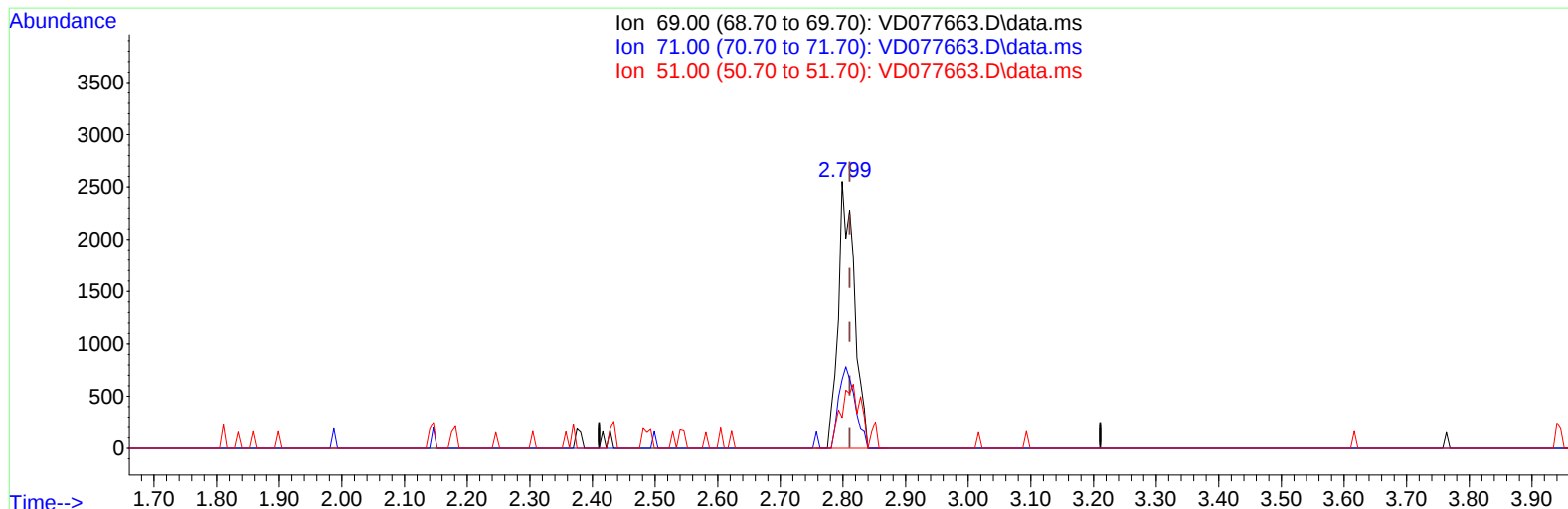
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(7) Chloroethane-d5 (S)

2.799min (-0.012) 23.23 ug/L m

response 4537

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	30.70	31.10
51.00	21.30	22.53
0.00	0.00	0.00

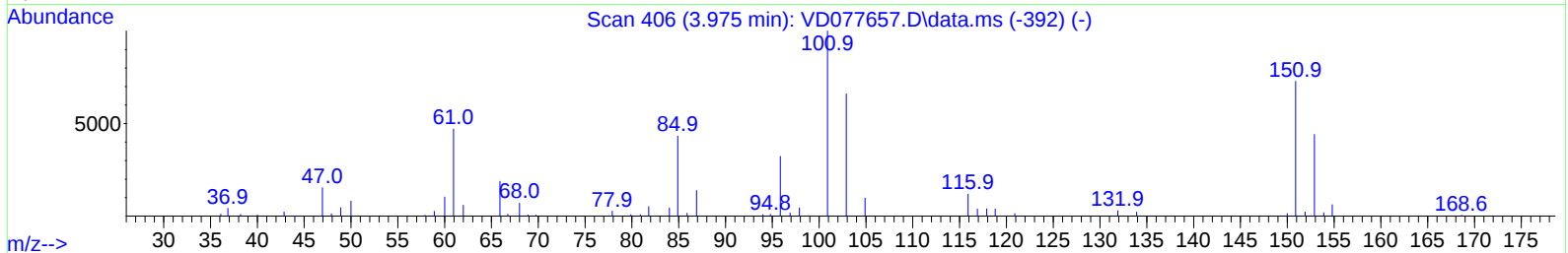
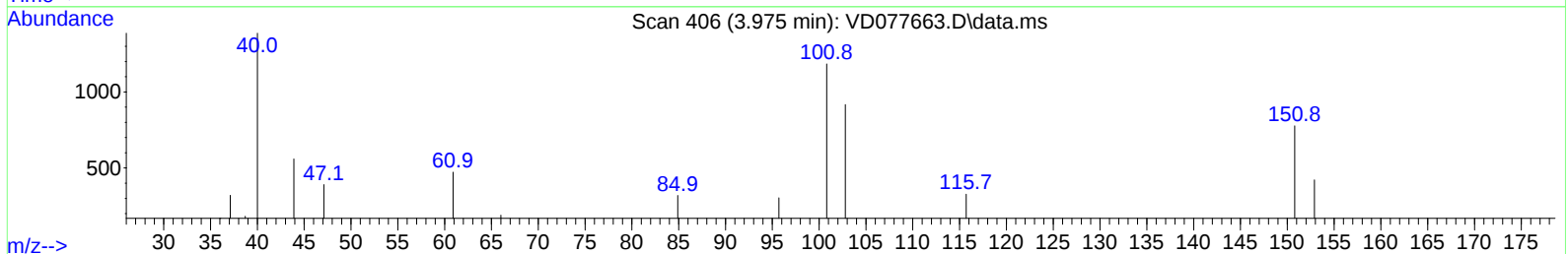
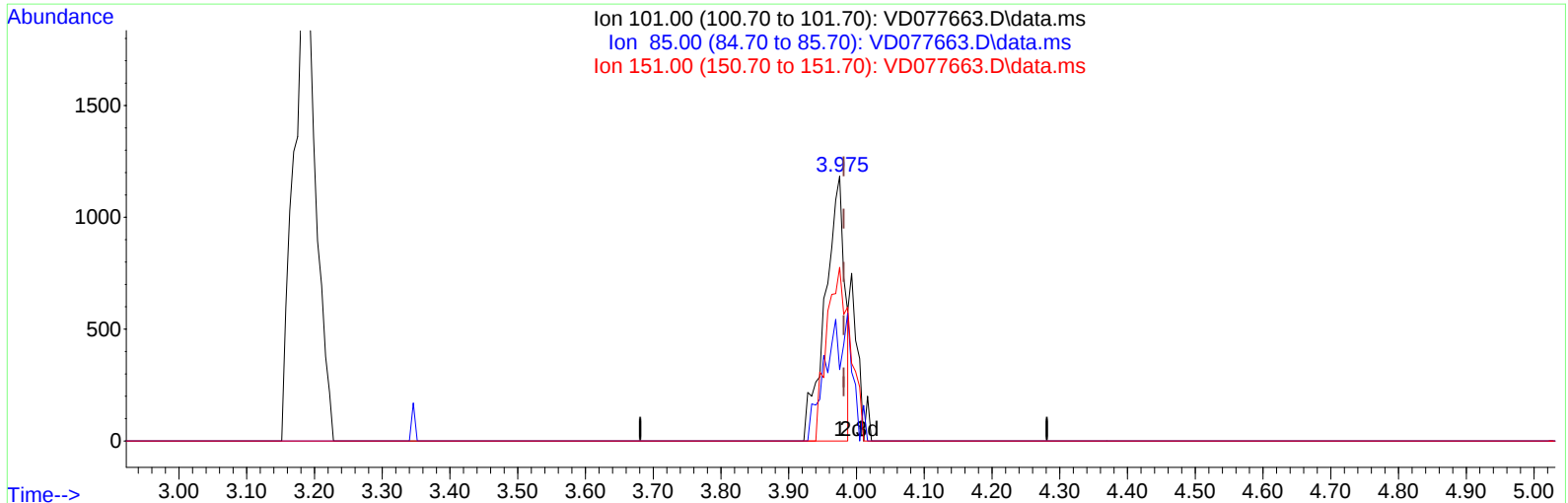
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.975min (-0.006) 16.63 ug/L

response 2380

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	46.00	32.14#
151.00	70.70	78.99
0.00	0.00	0.00

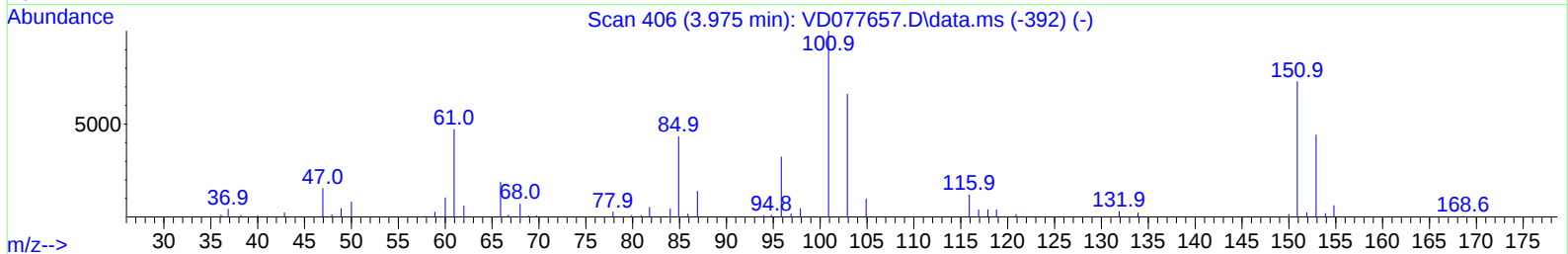
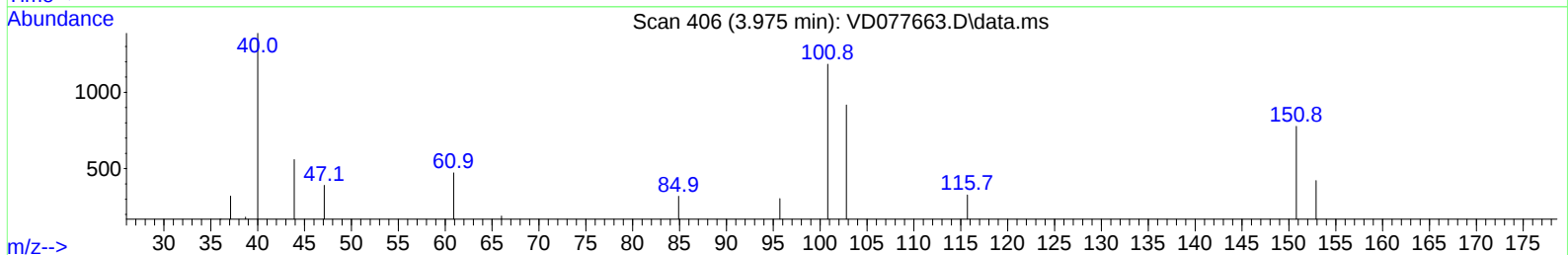
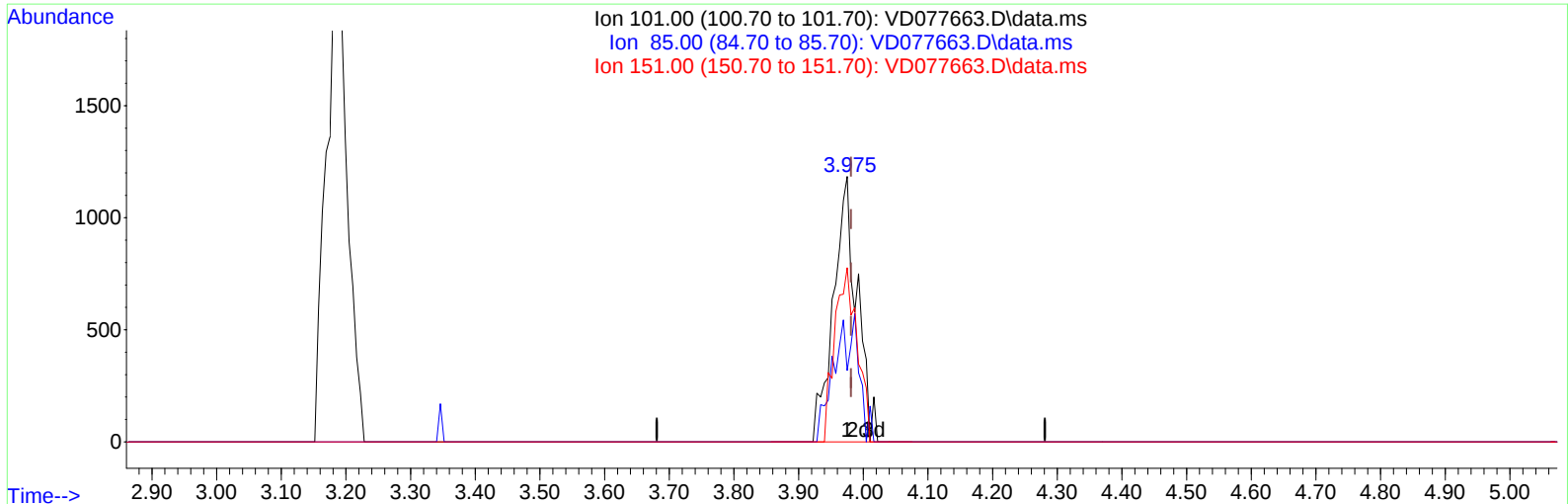
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.975min (-0.006) 20.99 ug/L m

response 3004

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	46.00	25.47#
151.00	70.70	62.58
0.00	0.00	0.00

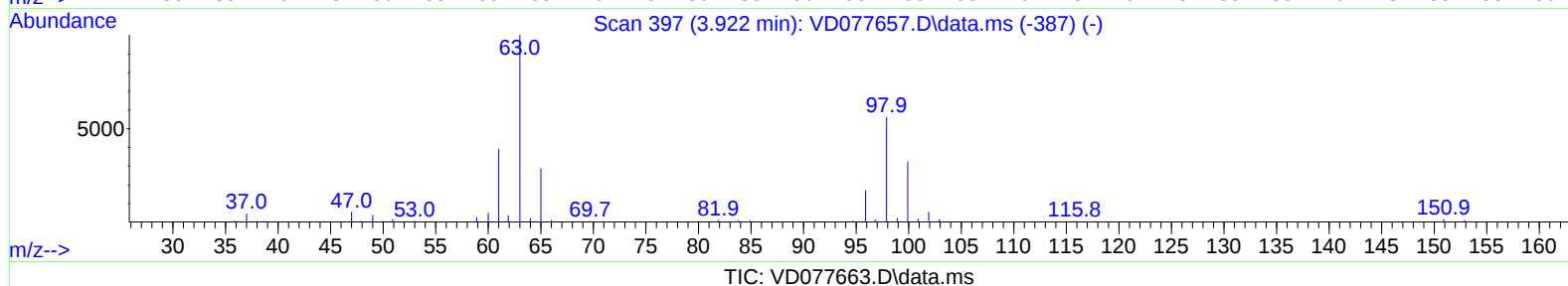
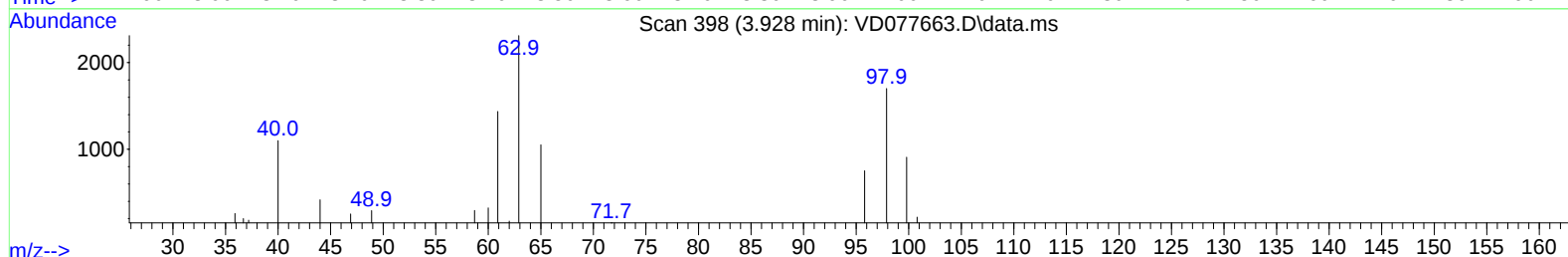
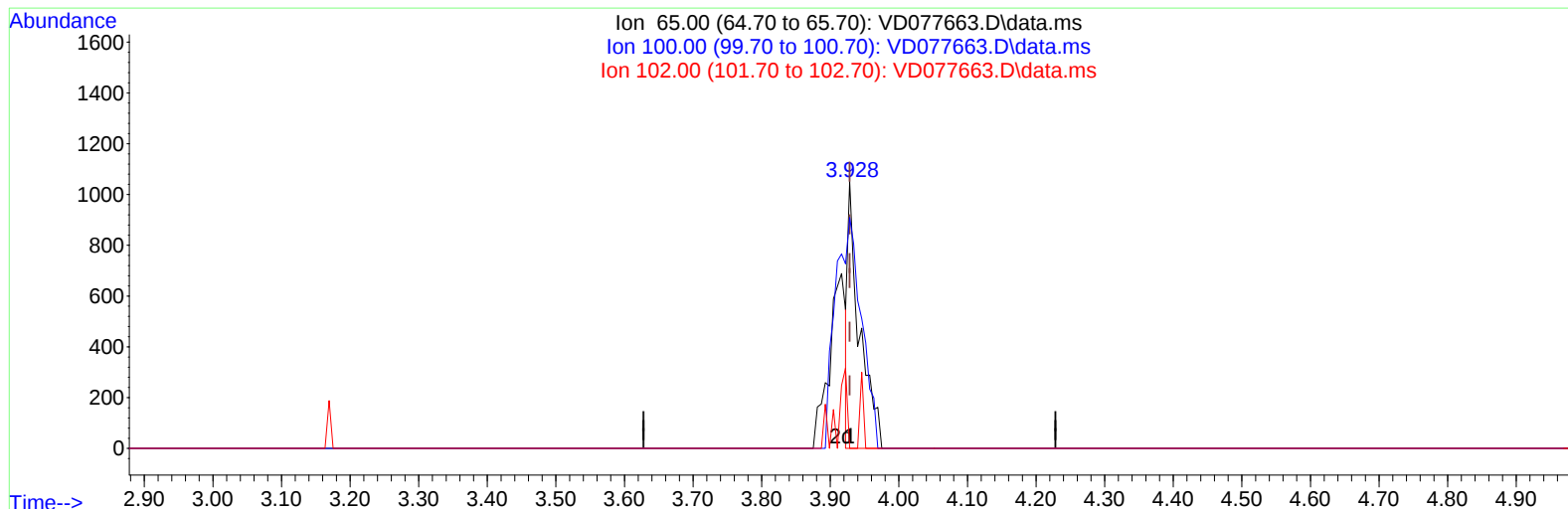
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

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

3.928min (+ 0.000) 16.10 ug/L

response 1238

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	125.30	104.28
102.00	19.10	16.07
0.00	0.00	0.00

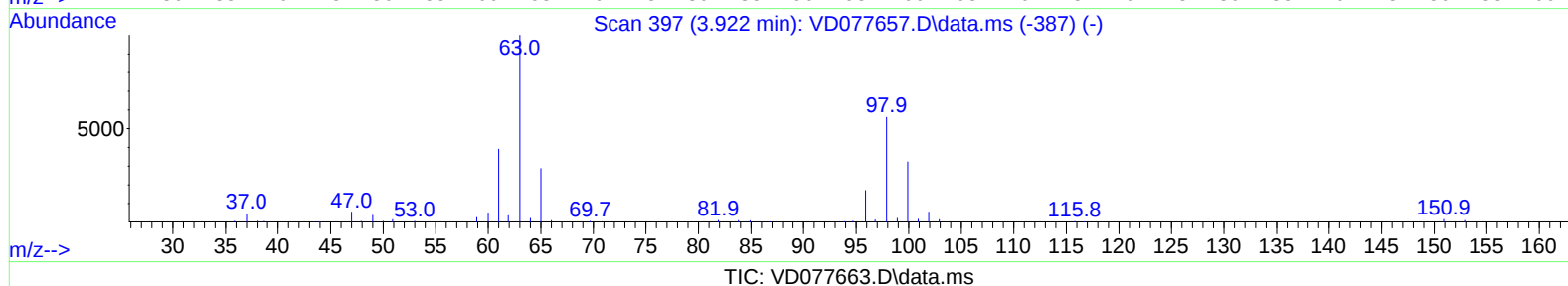
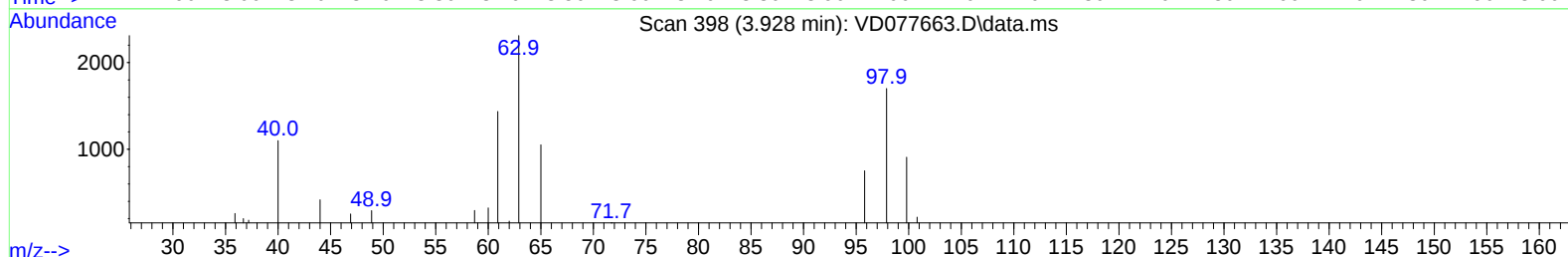
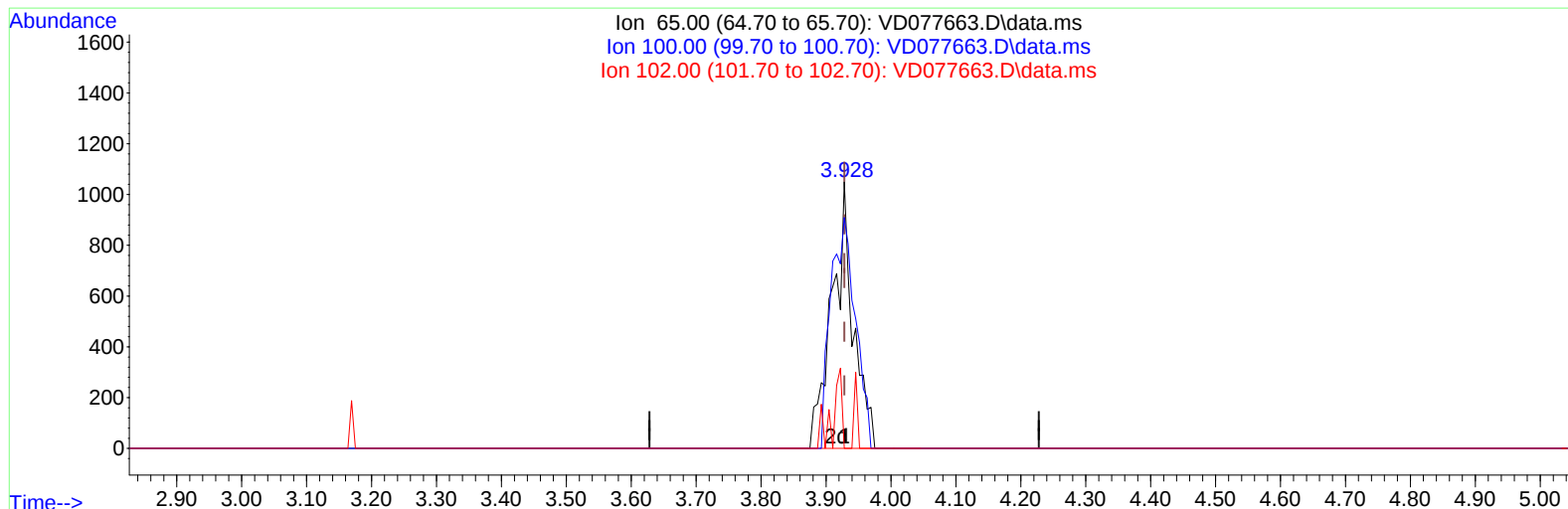
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

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

3.928min (+ 0.000) 31.28 ug/L m

response 2405

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	125.30	53.68#
102.00	19.10	8.27#
0.00	0.00	0.00

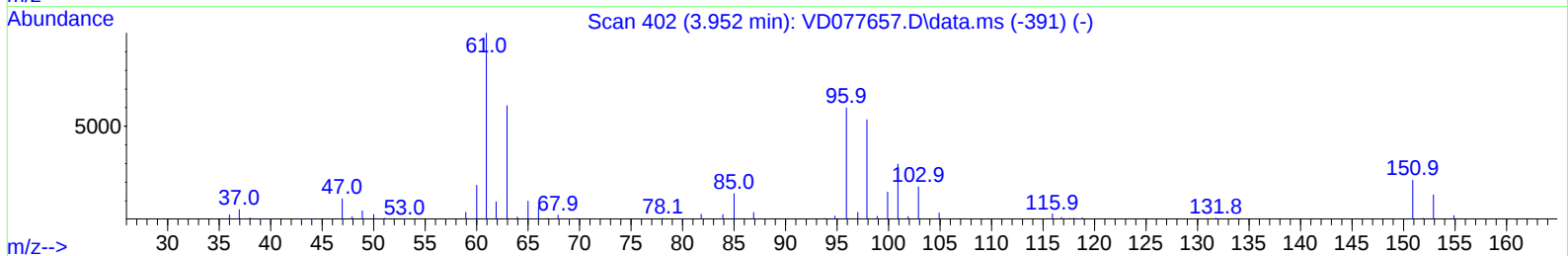
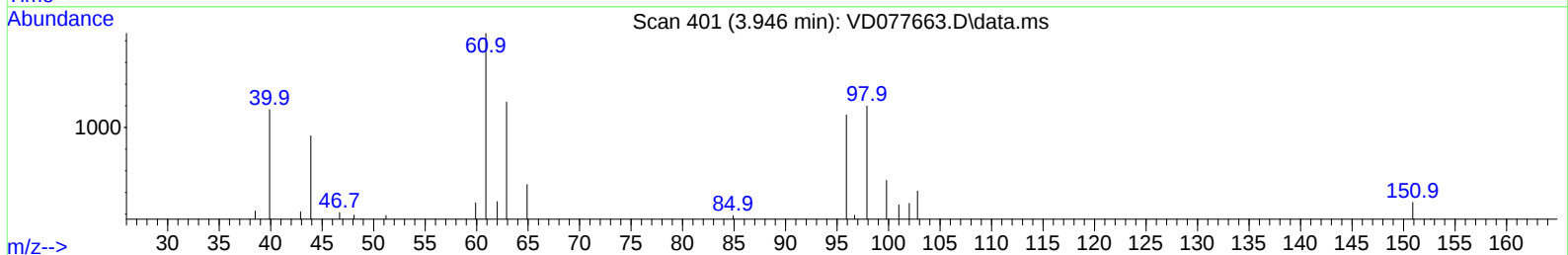
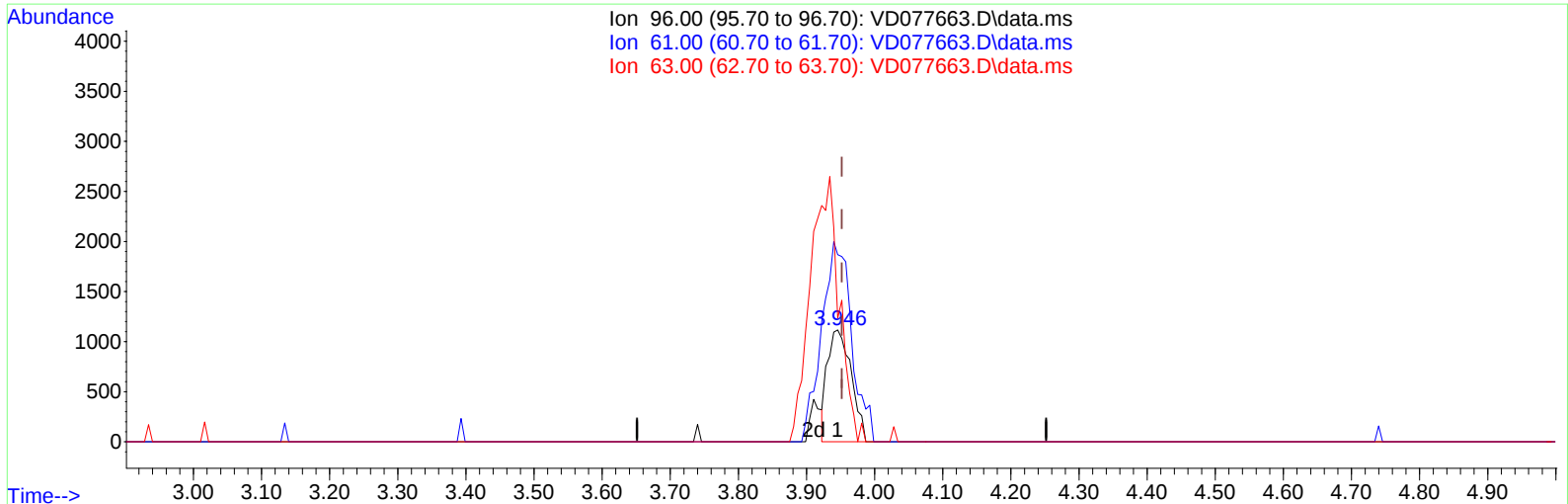
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(12) 1,1-Dichloroethene (T)

3.946min (-0.006) 19.41 ug/L

response 2698

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	182.20	143.03
63.00	123.40	94.56
0.00	0.00	0.00

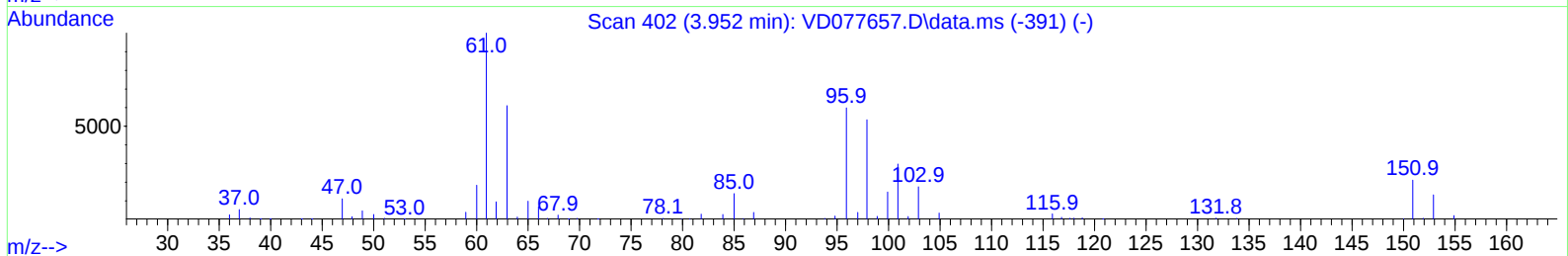
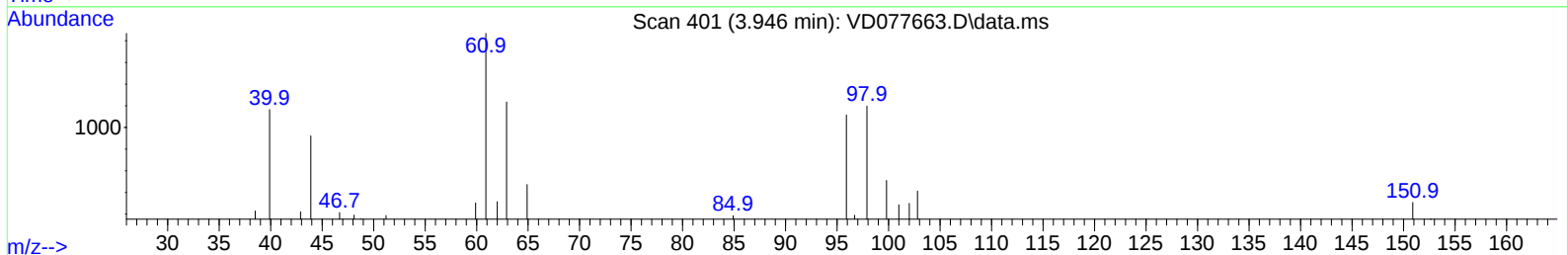
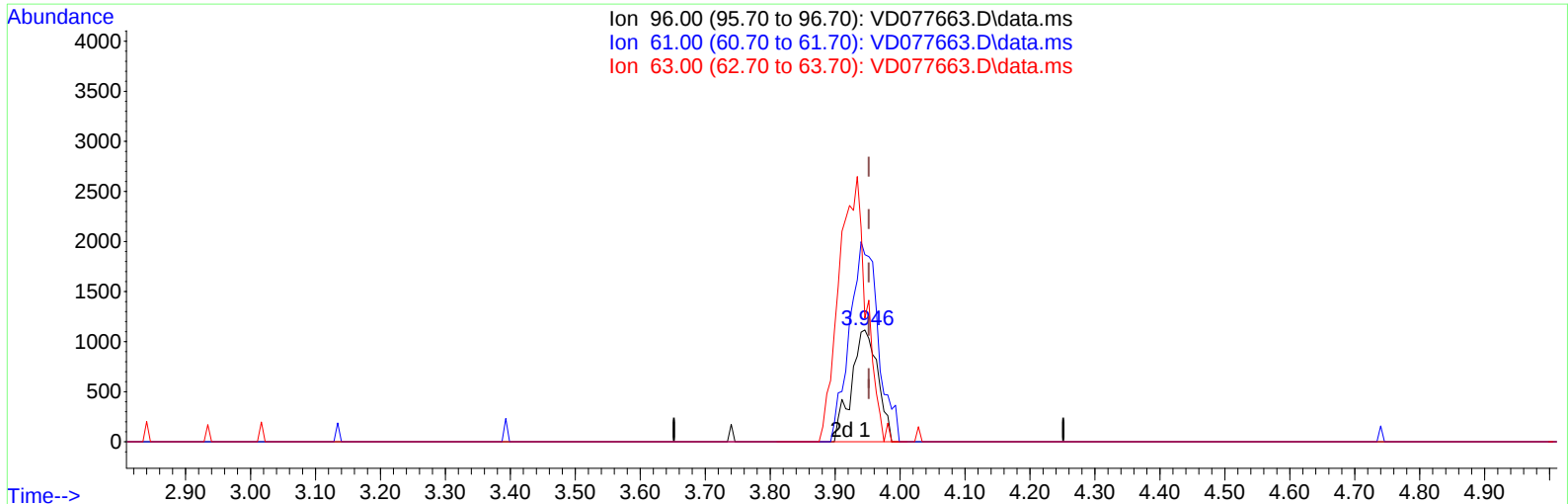
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(12) 1,1-Dichloroethene (T)

3.946min (-0.006) 22.74 ug/L m

response 3161

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	182.20	167.38
63.00	123.40	110.66
0.00	0.00	0.00

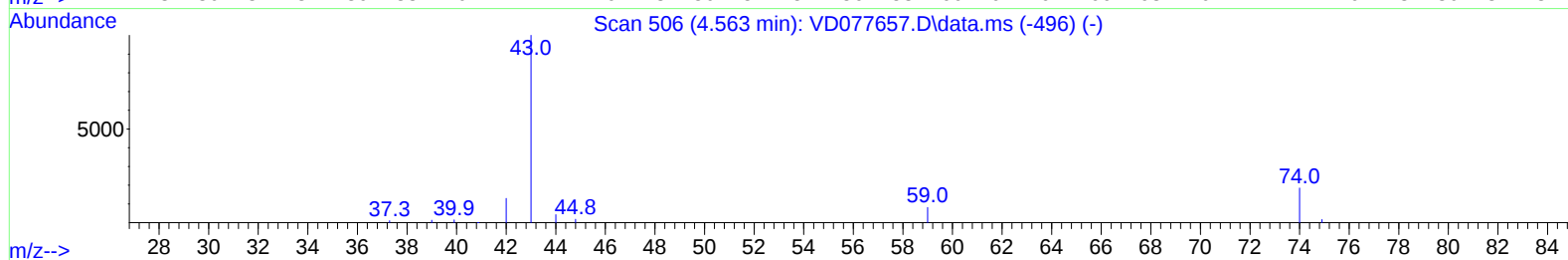
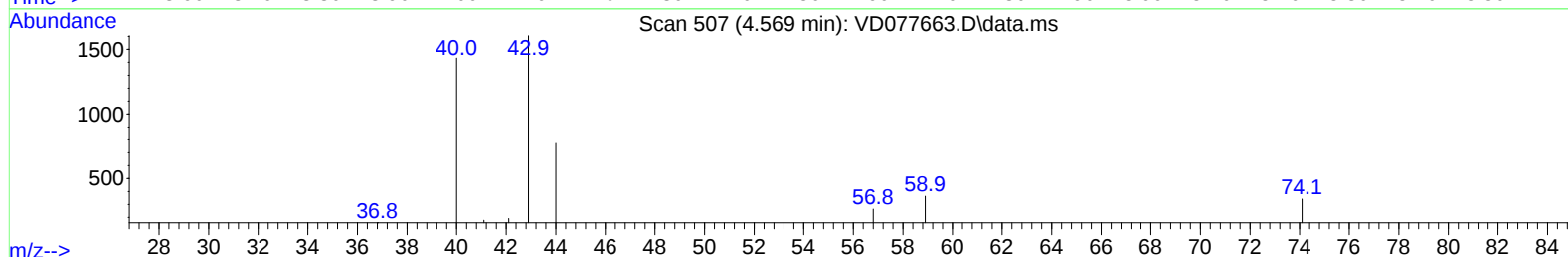
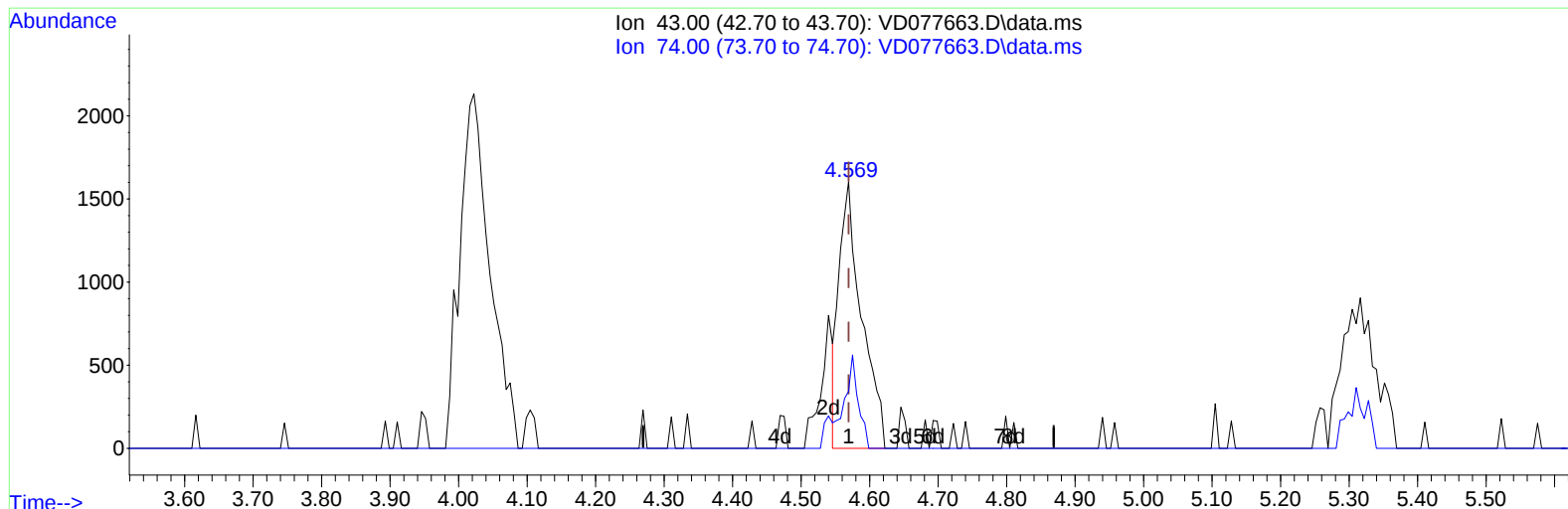
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(15) Methyl Acetate (T)

4.569min (+ 0.000) 49.29 ug/L

response 3669

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.70	19.73
0.00	0.00	0.00
0.00	0.00	0.00

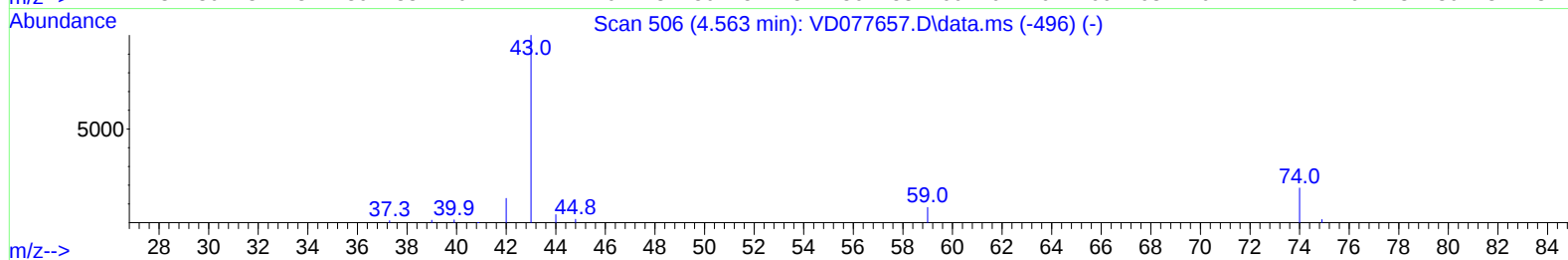
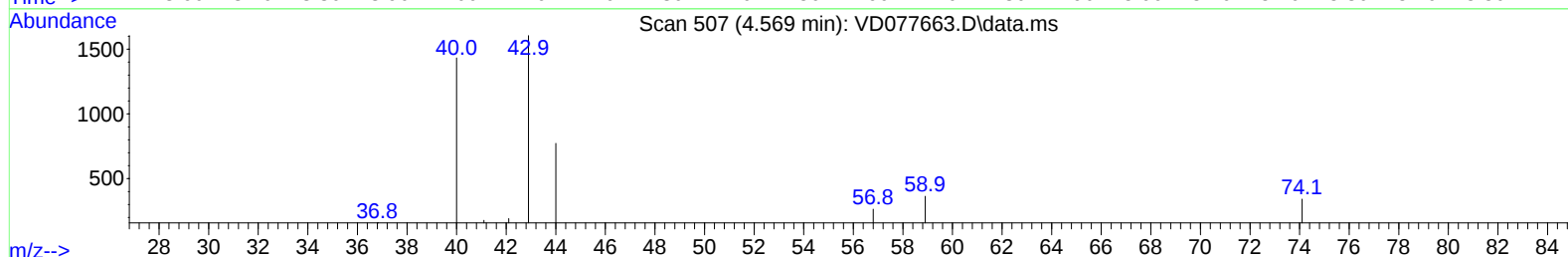
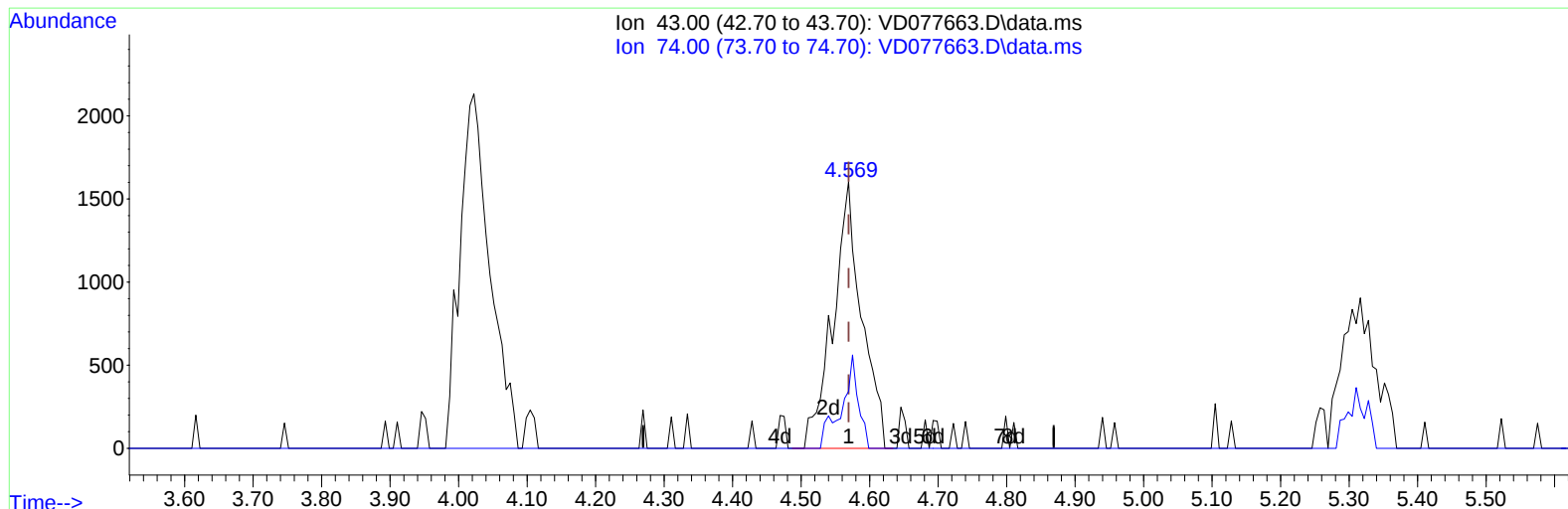
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(15) Methyl Acetate (T)

4.569min (+ 0.000) 62.52 ug/L m

response 4654

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.70	15.56#
0.00	0.00	0.00
0.00	0.00	0.00

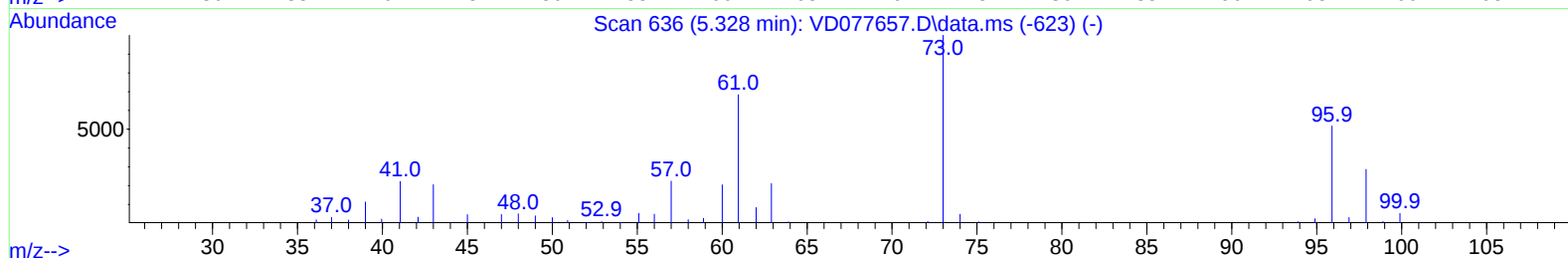
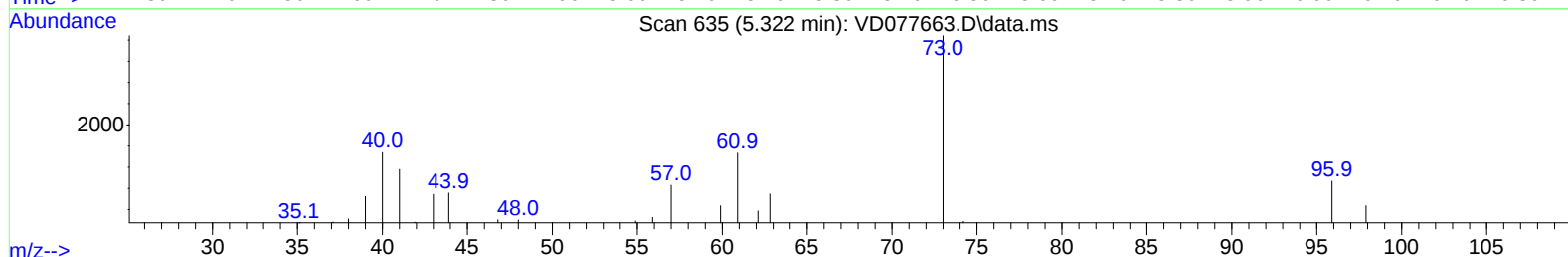
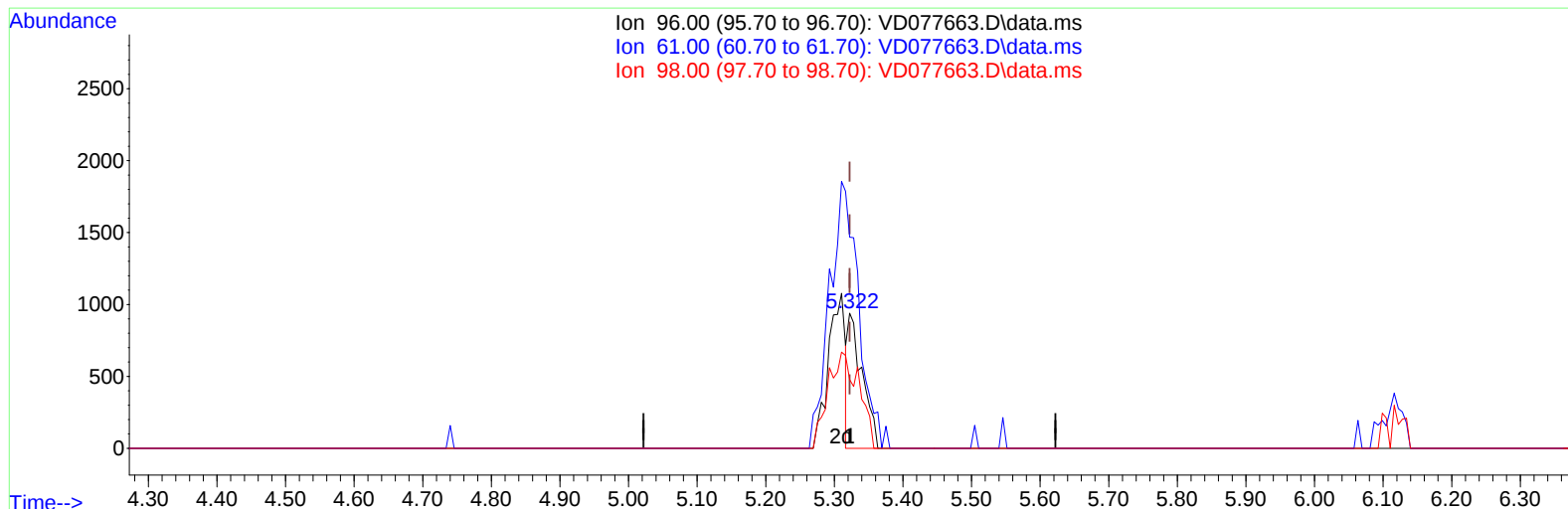
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.322min (+ 0.000) 9.24 ug/L

response 1351

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	148.60	156.17
98.00	61.60	50.74
0.00	0.00	0.00

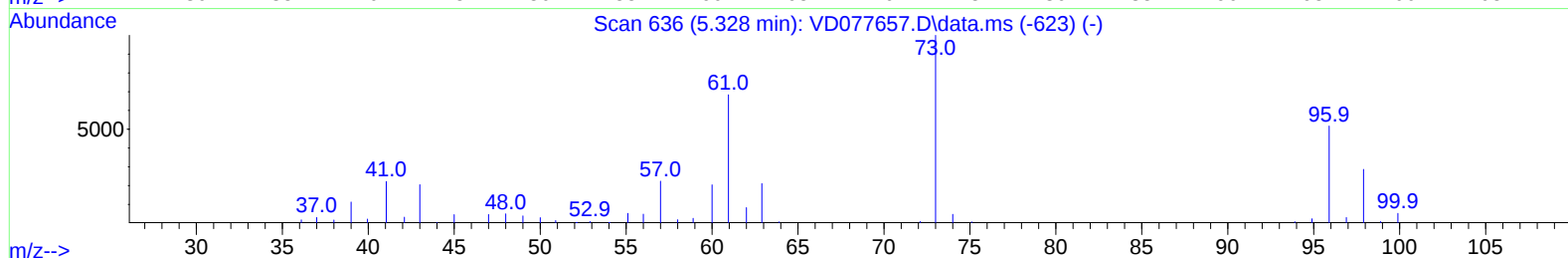
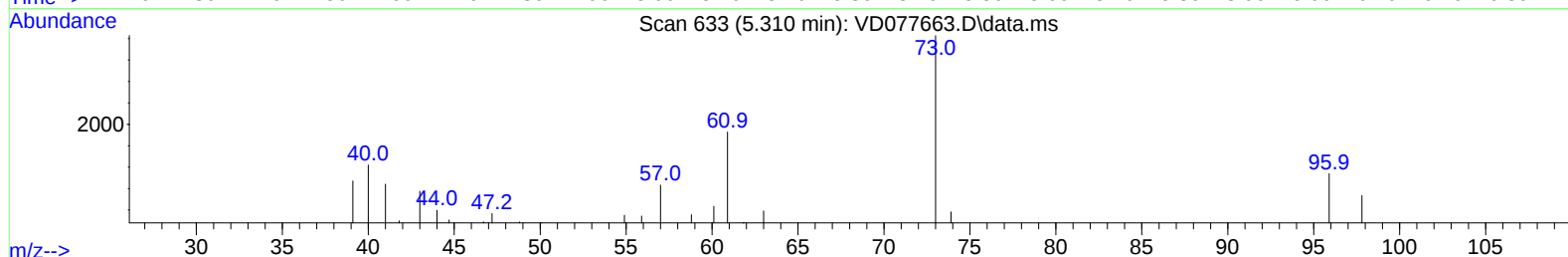
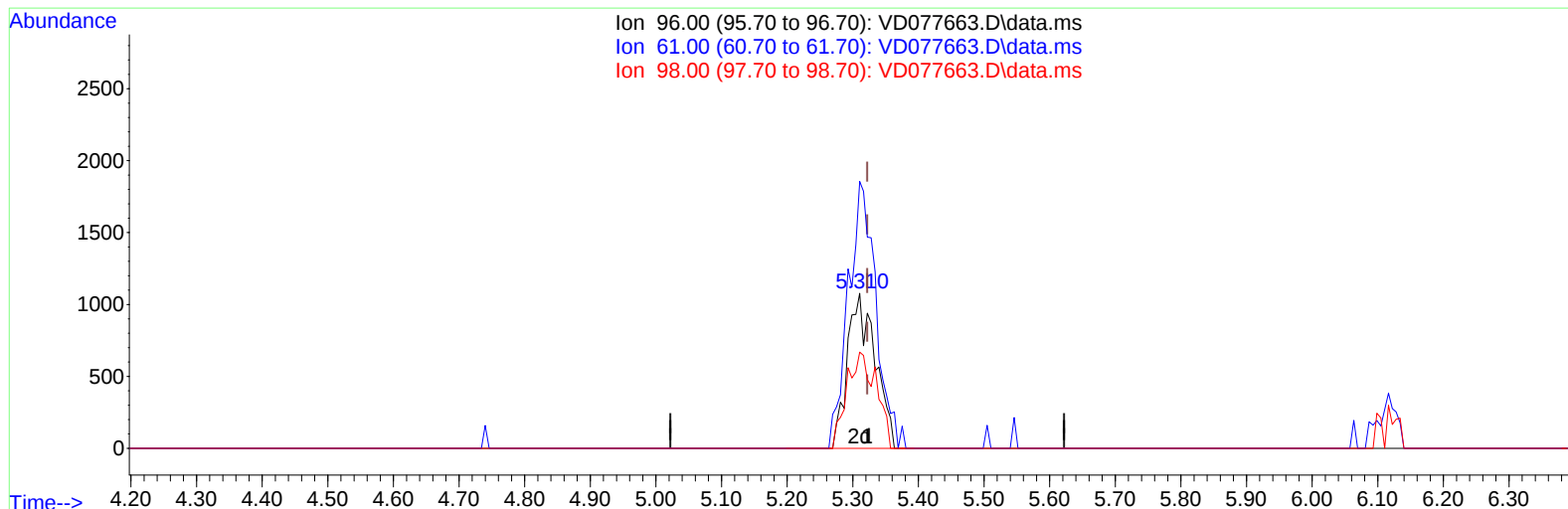
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.310min (-0.012) 21.75 ug/L m

response 3180

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	148.60	172.08
98.00	61.60	62.06
0.00	0.00	0.00

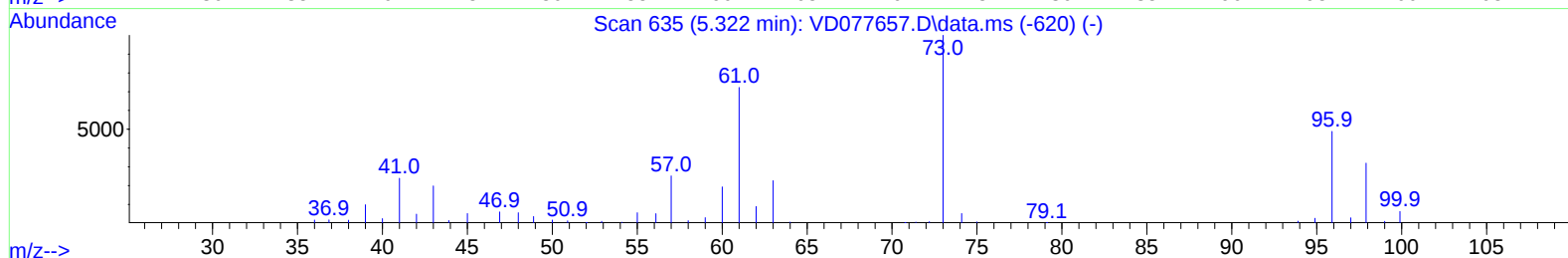
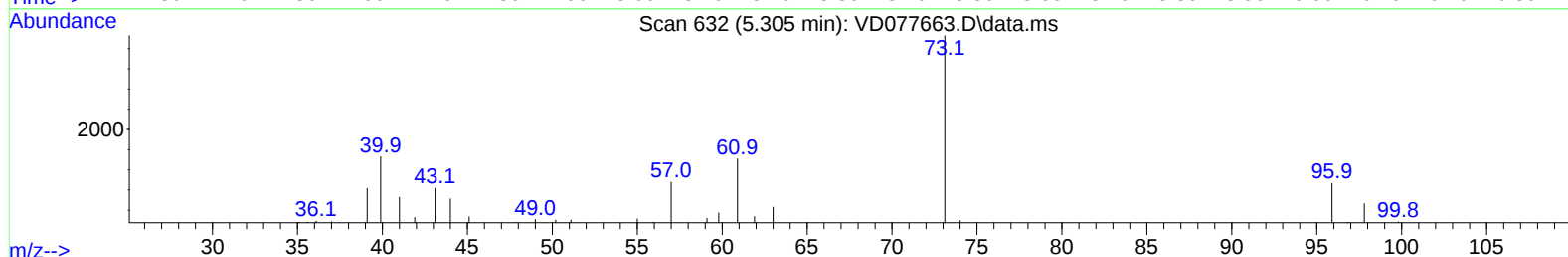
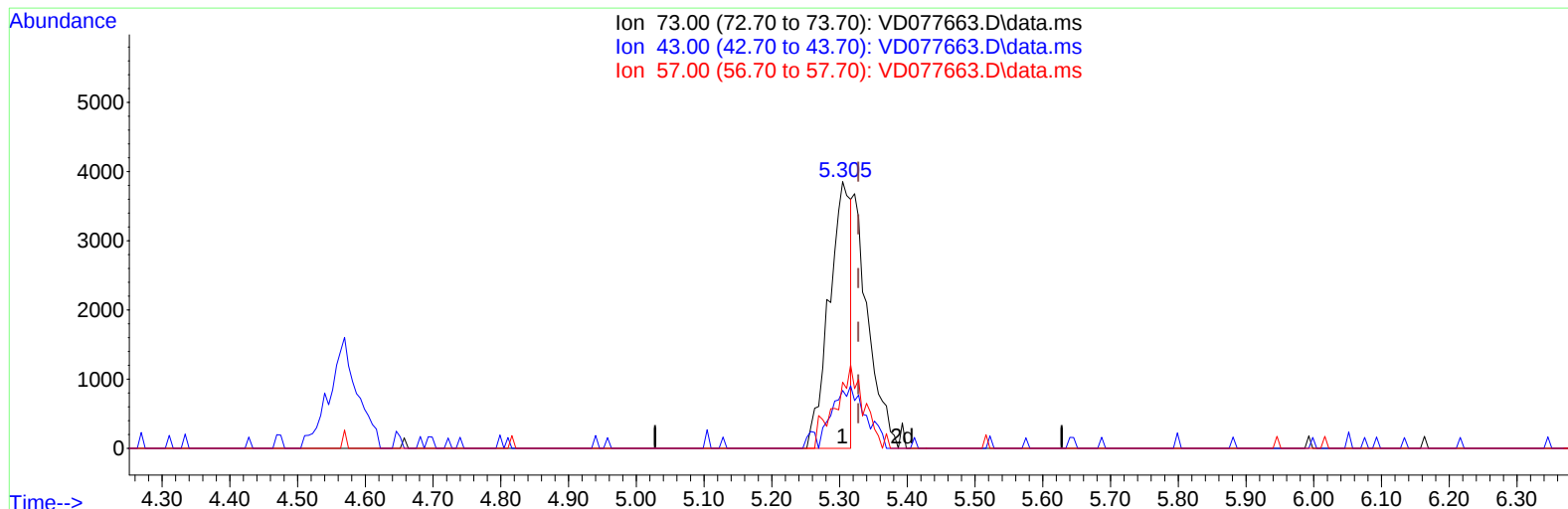
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.305min (-0.023) 24.97 ug/L

response 8570

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.50	31.86#
57.00	24.10	22.04
0.00	0.00	0.00

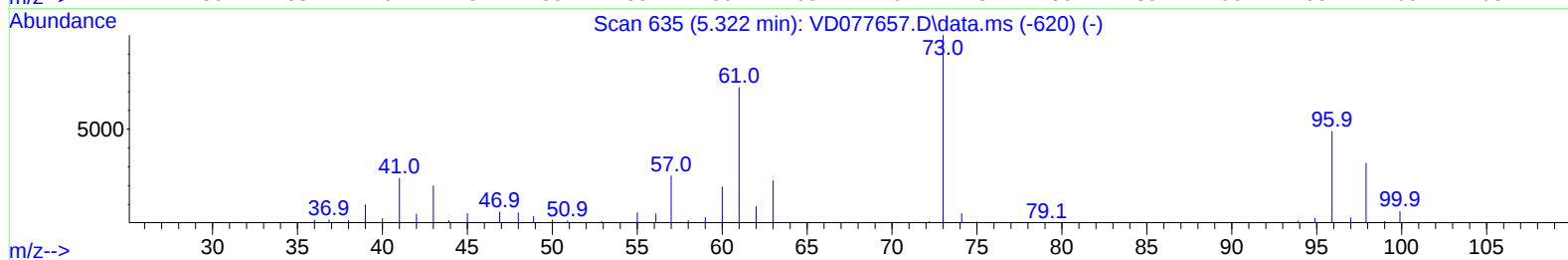
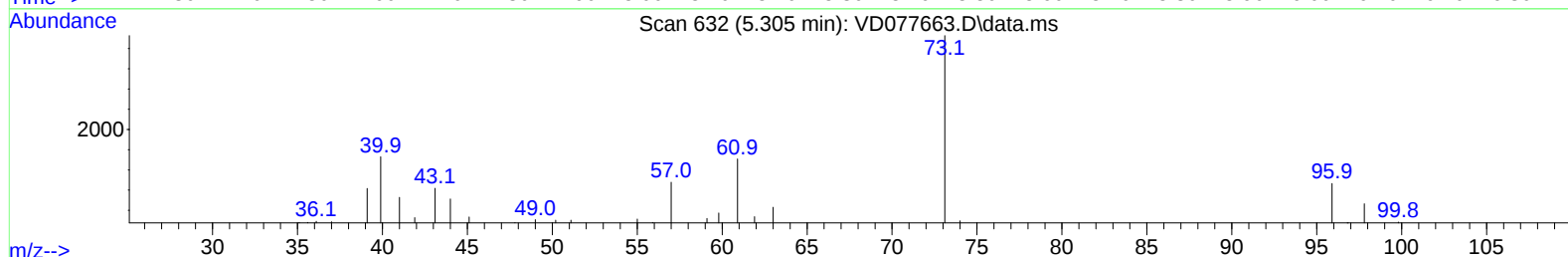
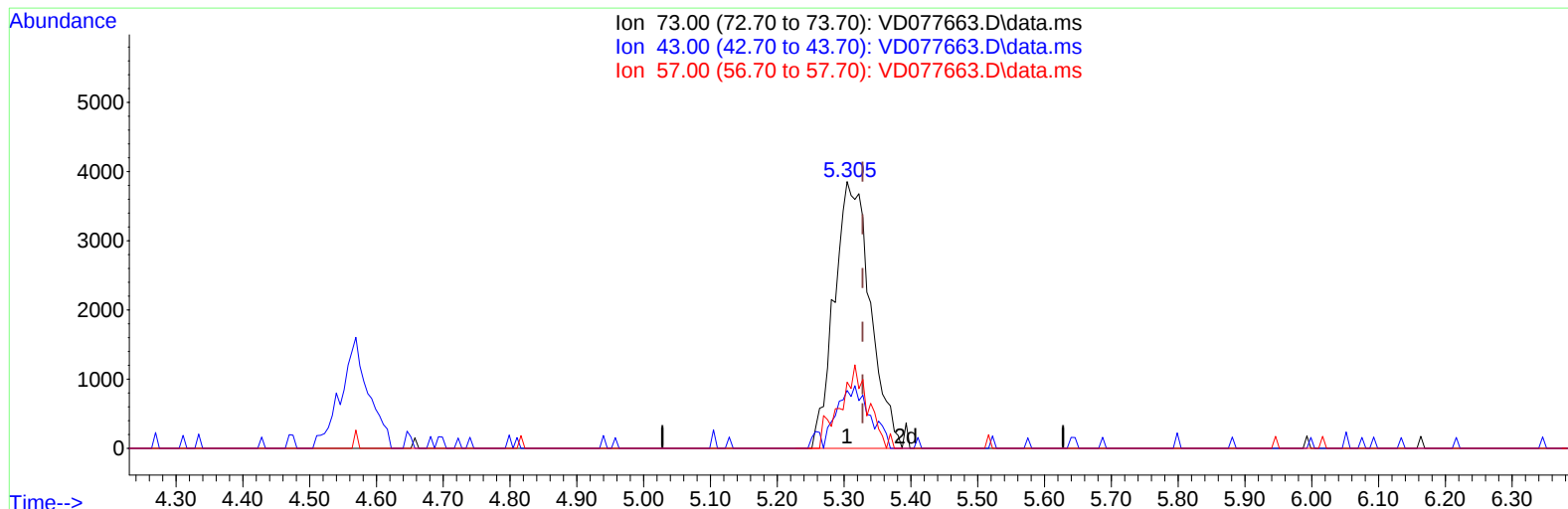
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.305min (-0.023) 42.02 ug/L m

response 14418

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.50	18.93
57.00	24.10	13.10#
0.00	0.00	0.00

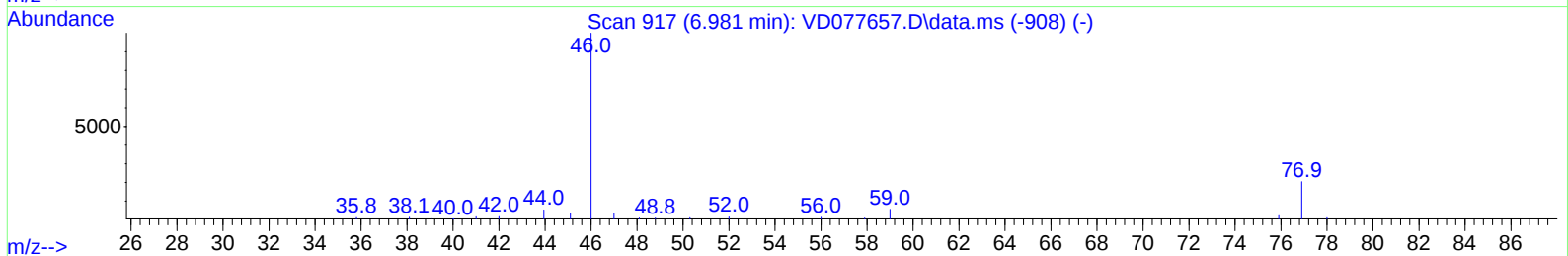
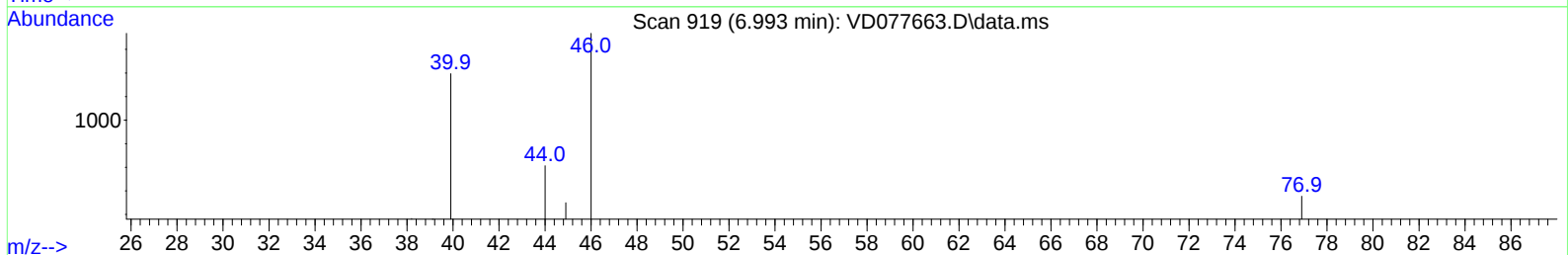
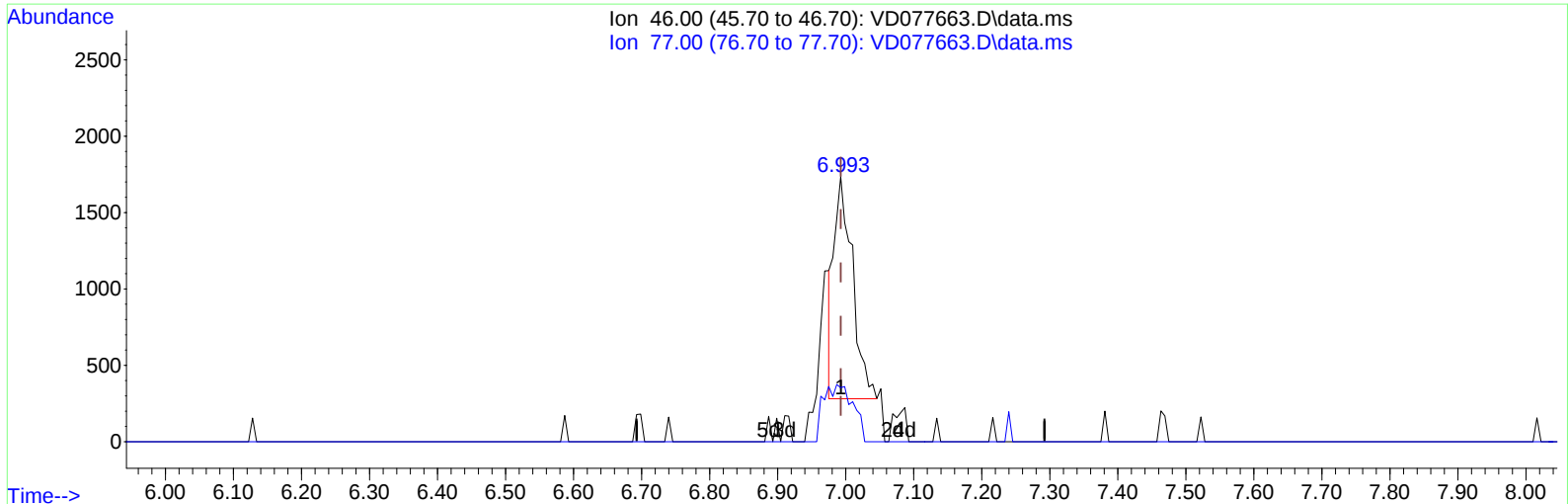
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.000) 64.00 ug/L

response 2755

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.40	41.05#
0.00	0.00	0.00
0.00	0.00	0.00

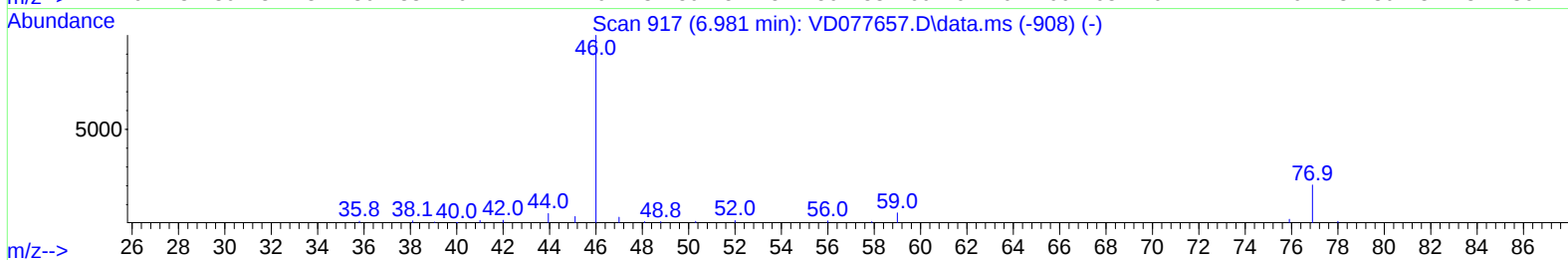
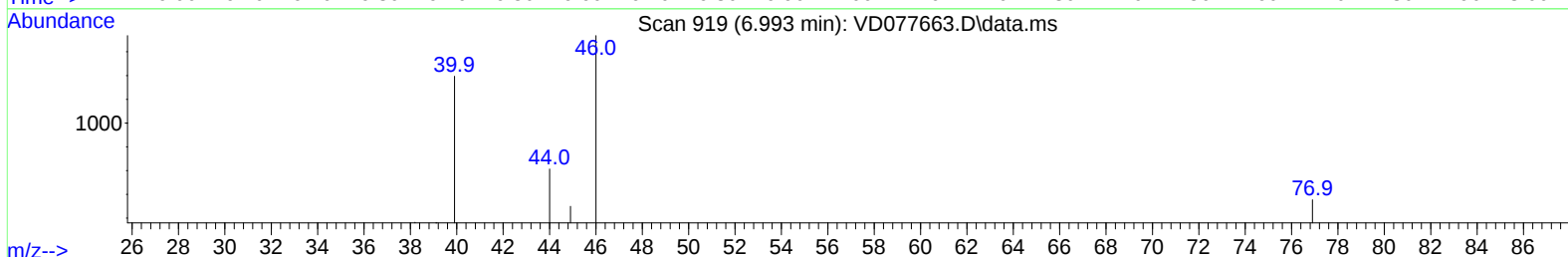
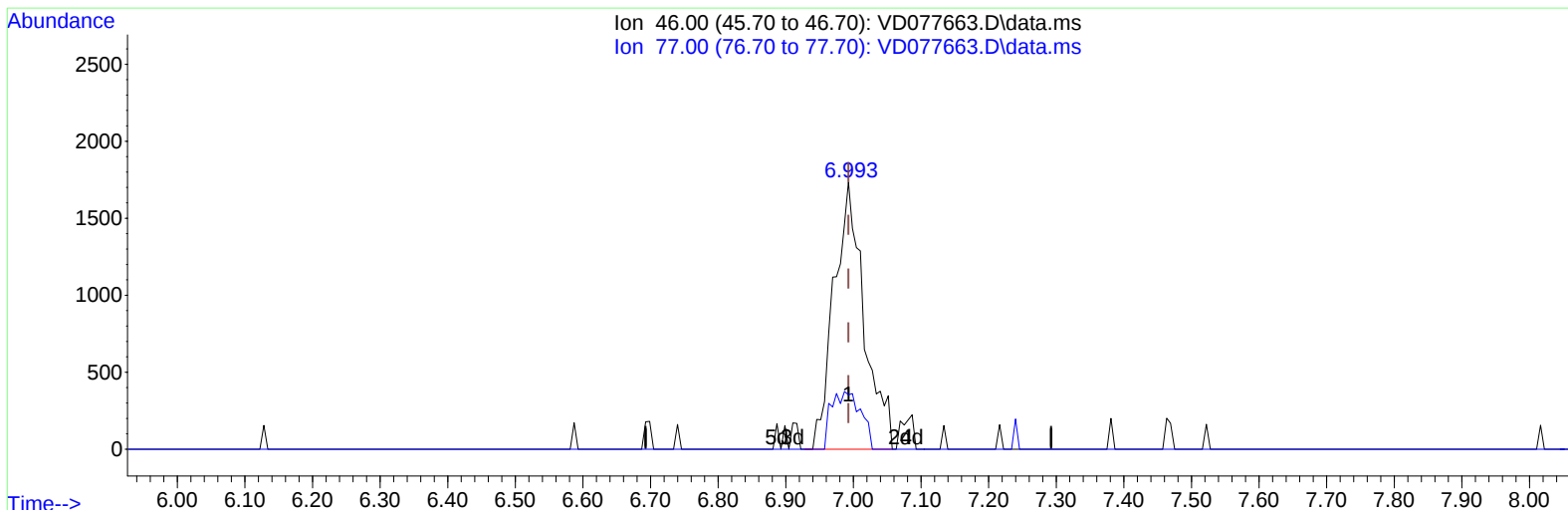
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.000) 124.70 ug/L m

response 5368

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.40	21.07
0.00	0.00	0.00
0.00	0.00	0.00

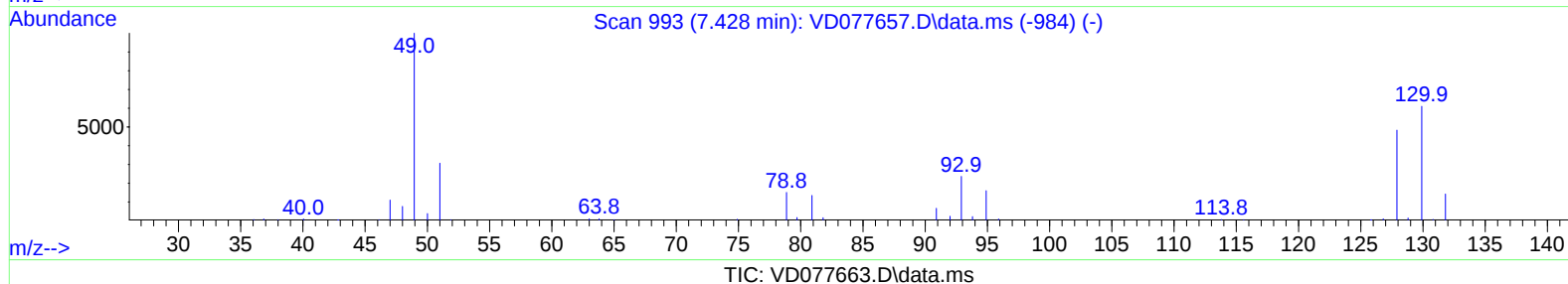
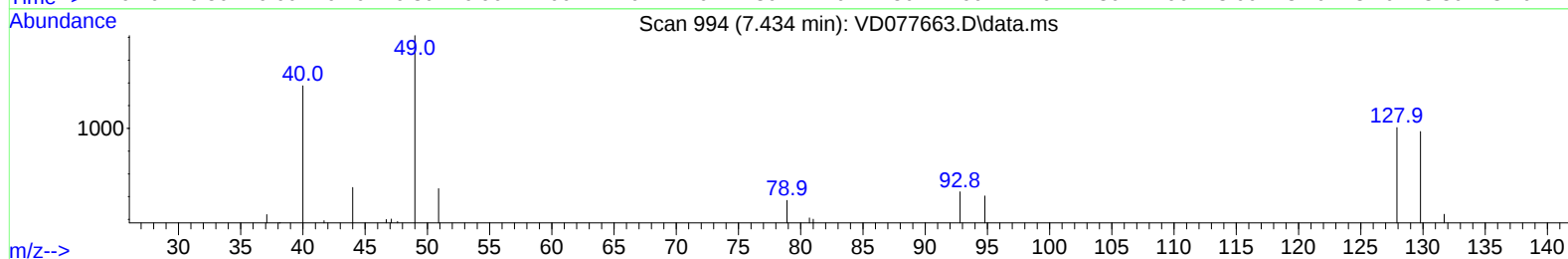
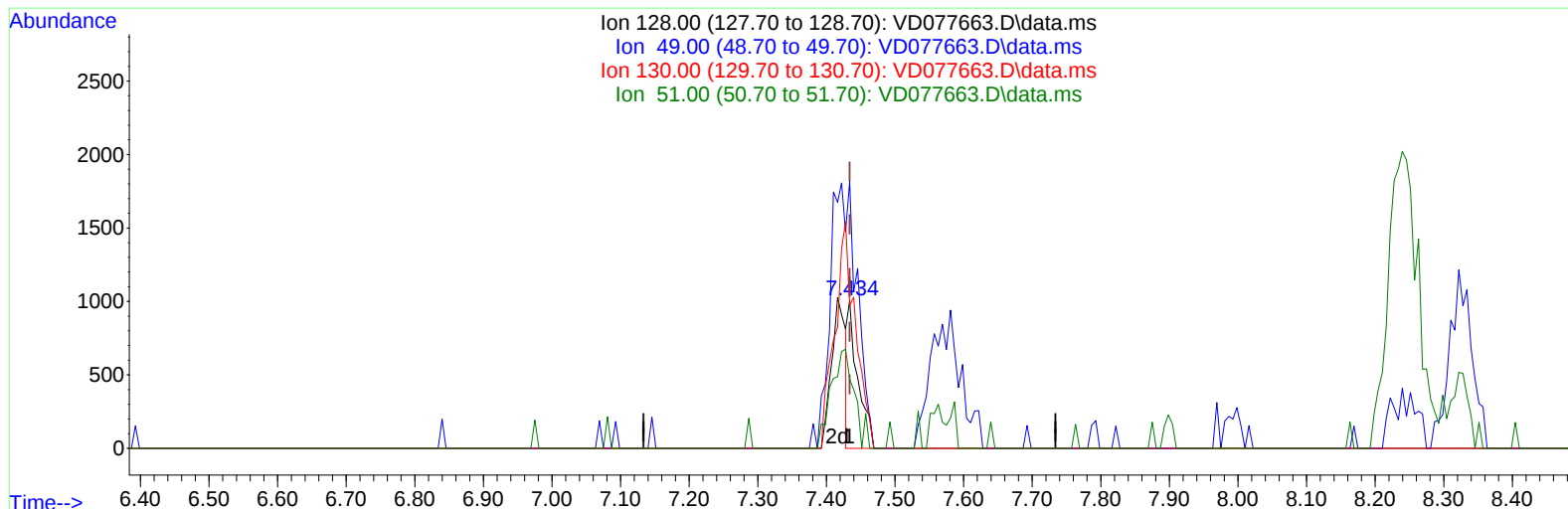
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



(23) Bromochloromethane (T)

7.434min (+ 0.000) 15.95 ug/L

response 1018

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	209.60	180.34
130.00	118.90	96.52
51.00	66.60	46.77#

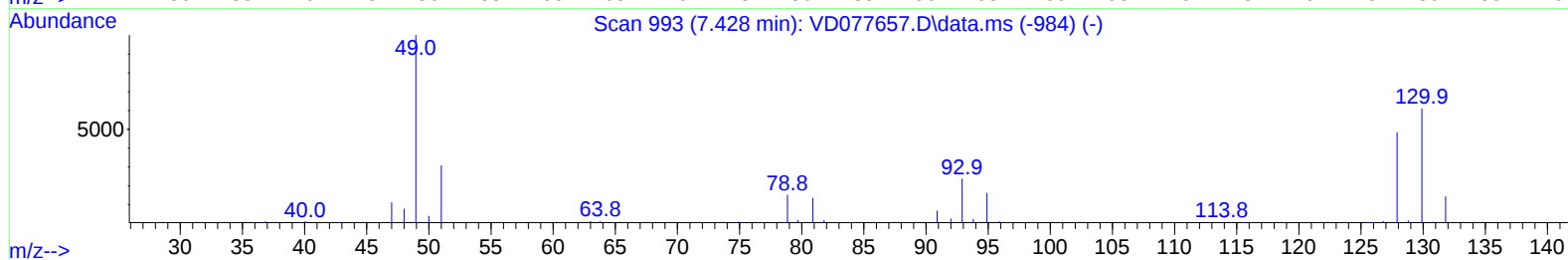
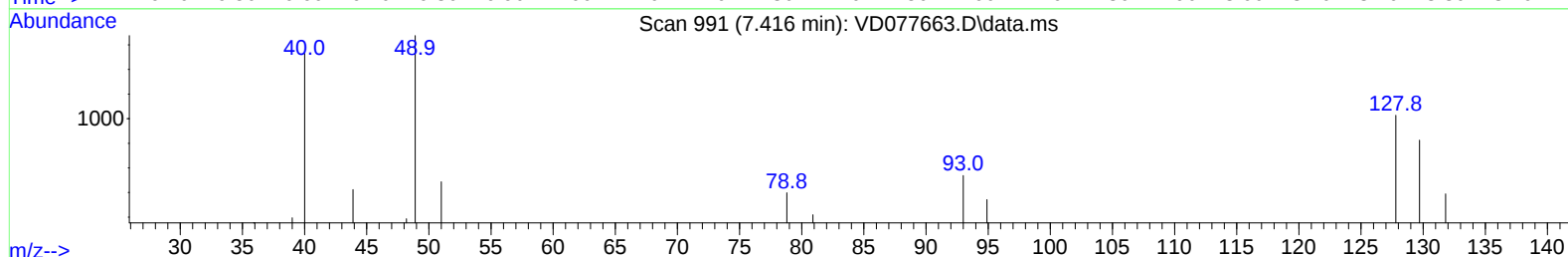
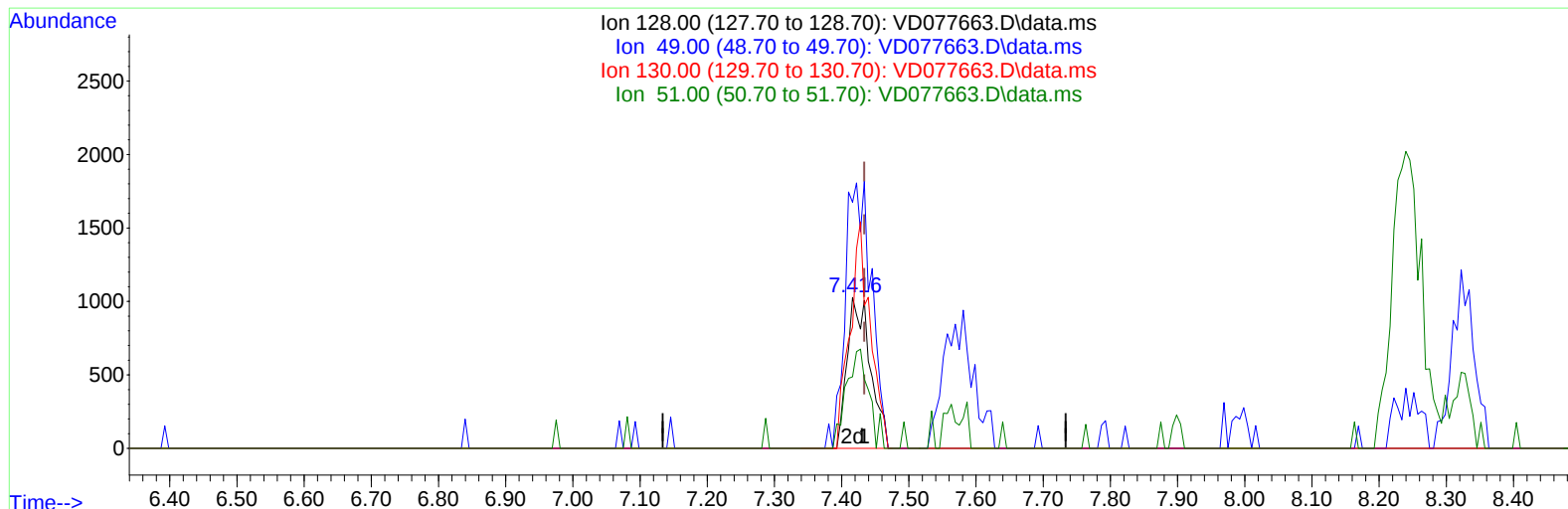
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(23) Bromochloromethane (T)

7.416min (-0.018) 38.56 ug/L m

response 2461

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	209.60	163.10
130.00	118.90	80.33#
51.00	66.60	47.42#

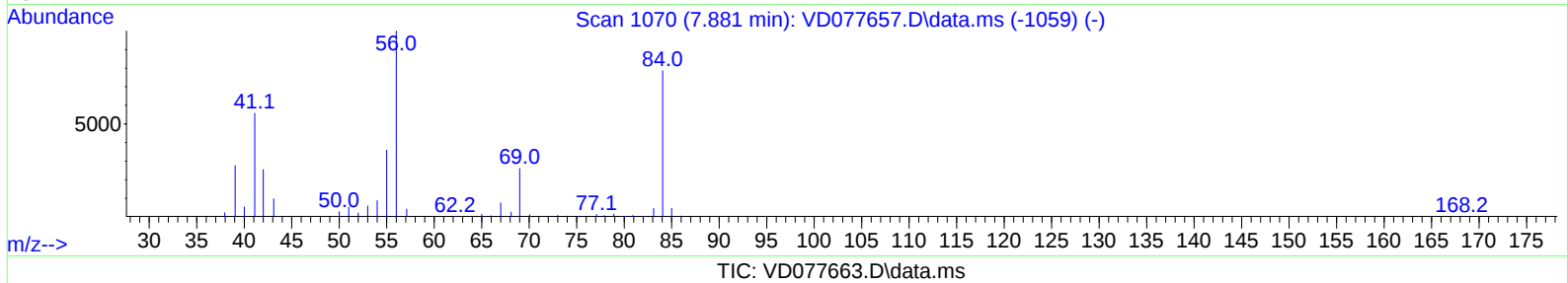
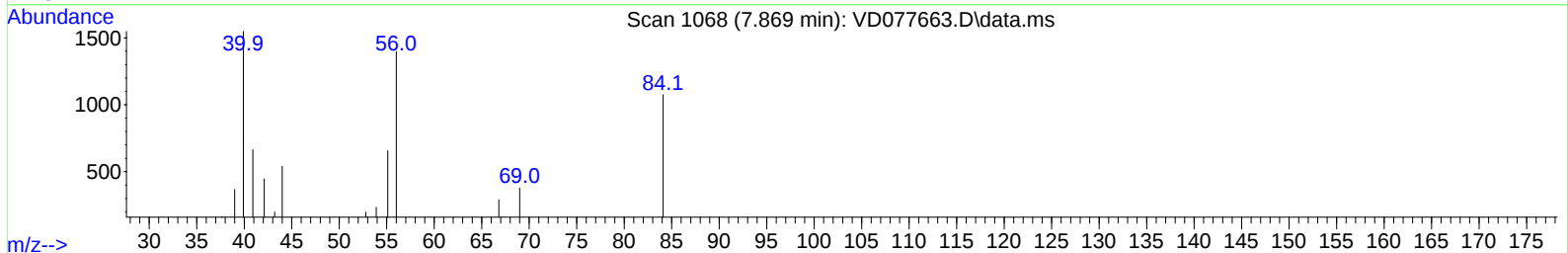
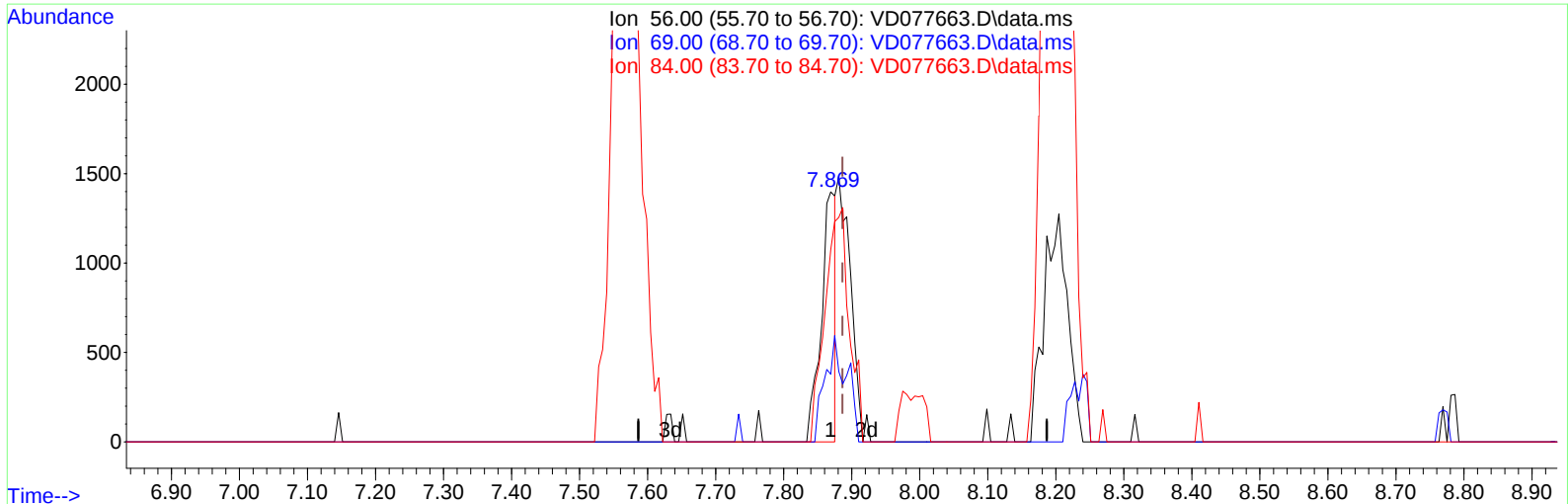
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



(29) Cyclohexane (T)

7.869min (-0.018) 7.14 ug/L

response	2070	
Ion	Exp%	Act%
56.00	100.00	100.00
69.00	28.20	45.36#
84.00	79.10	0.00#
0.00	0.00	0.00

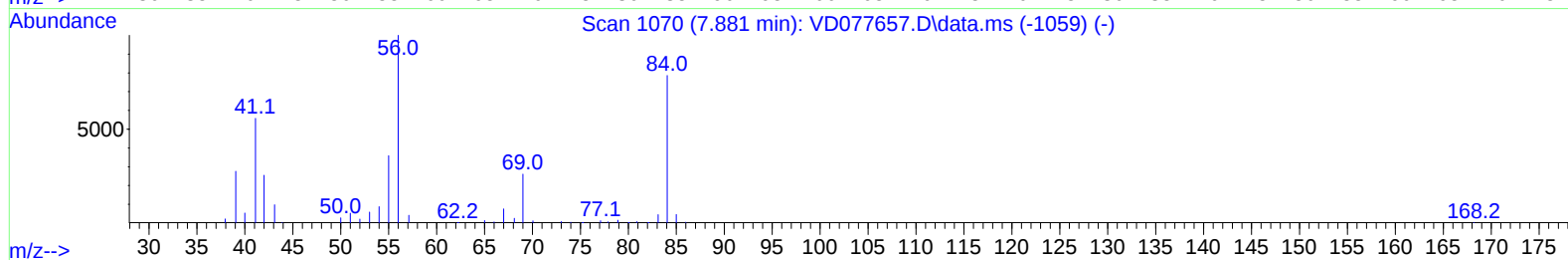
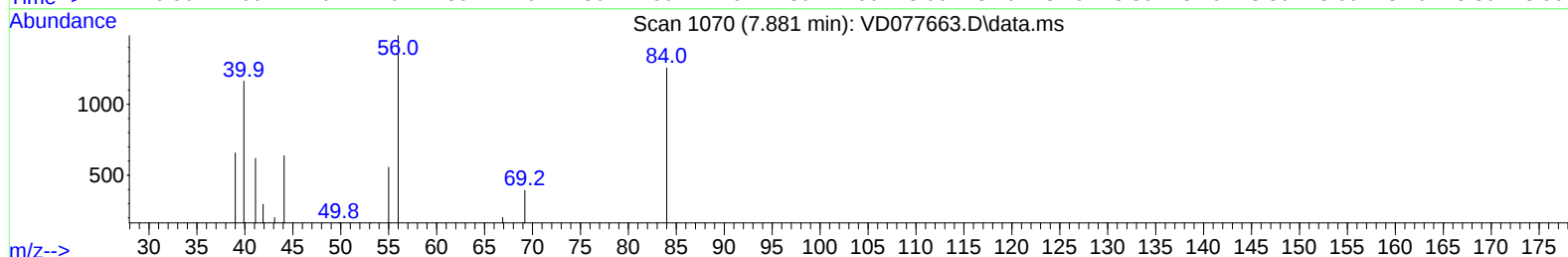
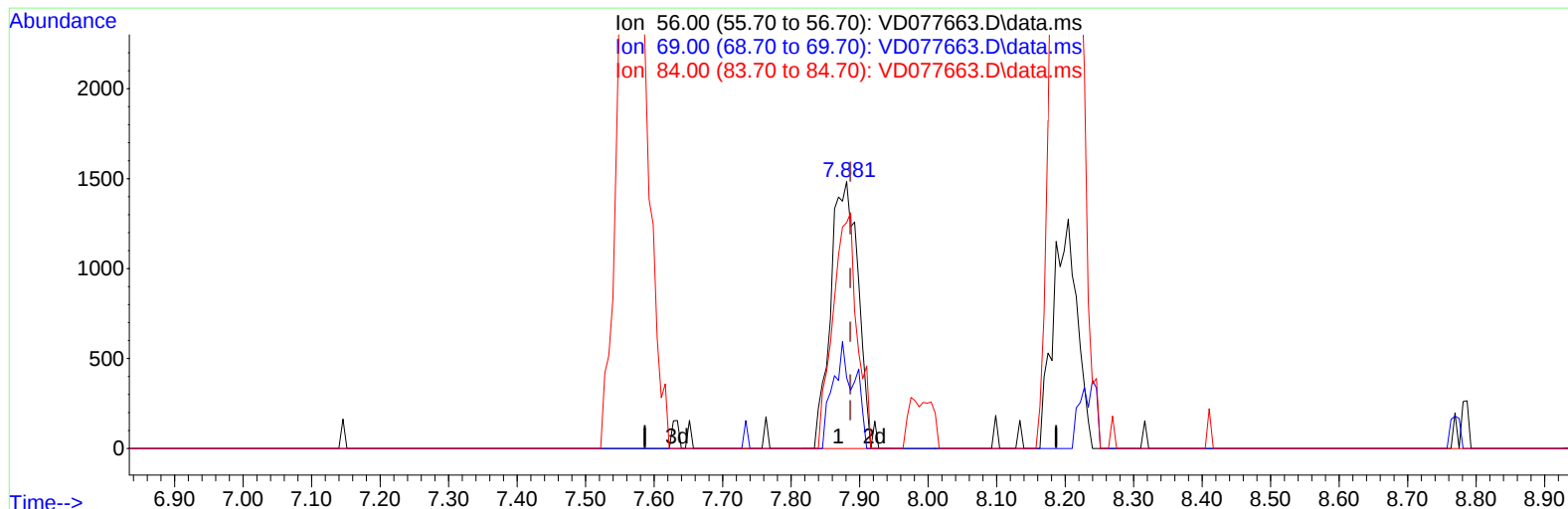
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(29) Cyclohexane (T)

7.881min (-0.006) 14.30 ug/L m

response 4145

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	28.20	22.65
84.00	79.10	0.00#
0.00	0.00	0.00

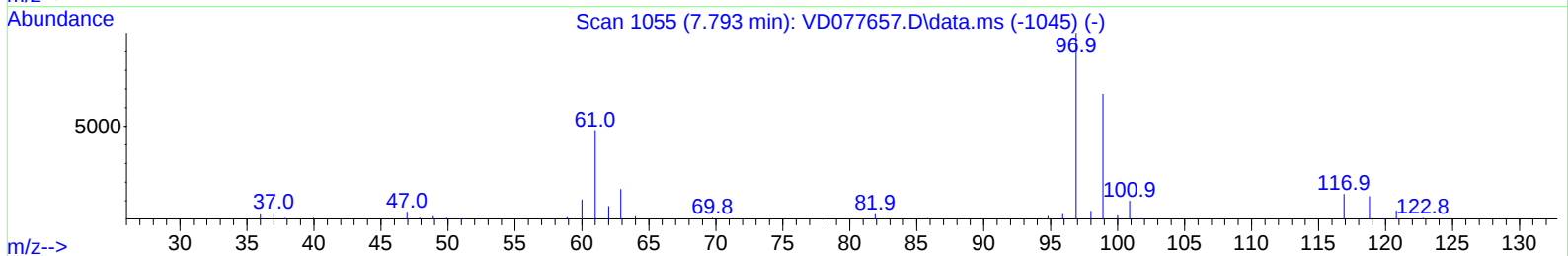
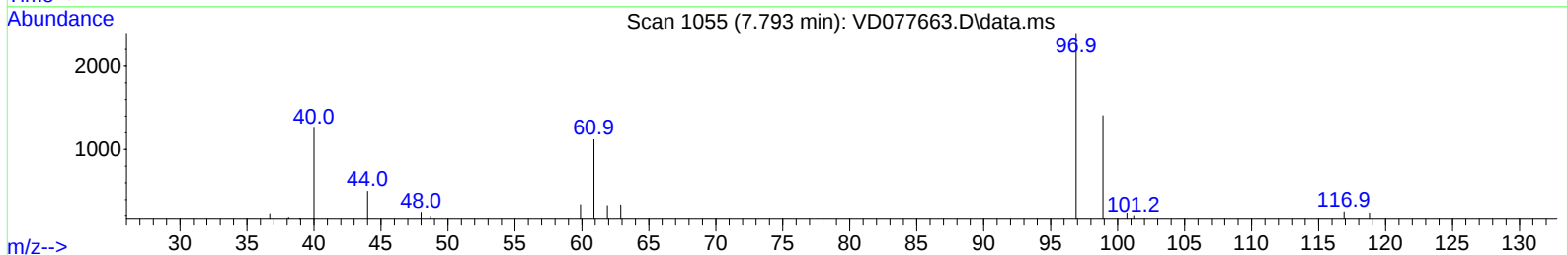
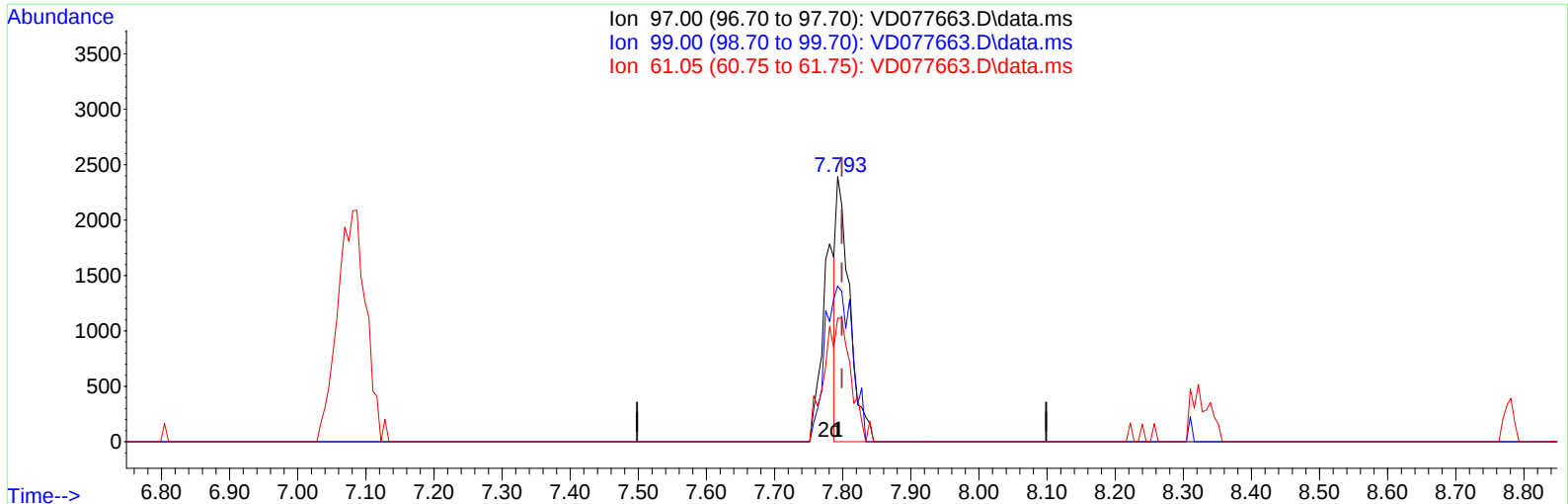
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(30) 1,1,1-Trichloroethane (T)

7.793min (-0.006) 13.91 ug/L

response 3252

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.30	20.48#
61.05	47.60	84.50#
0.00	0.00	0.00

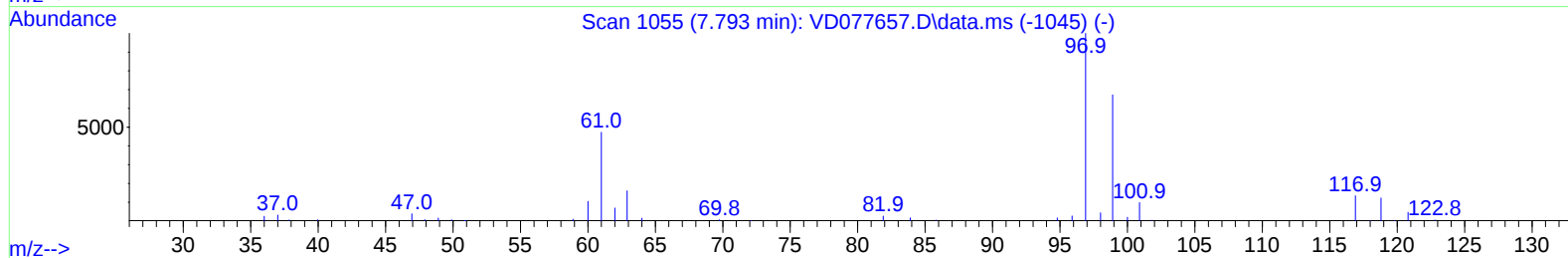
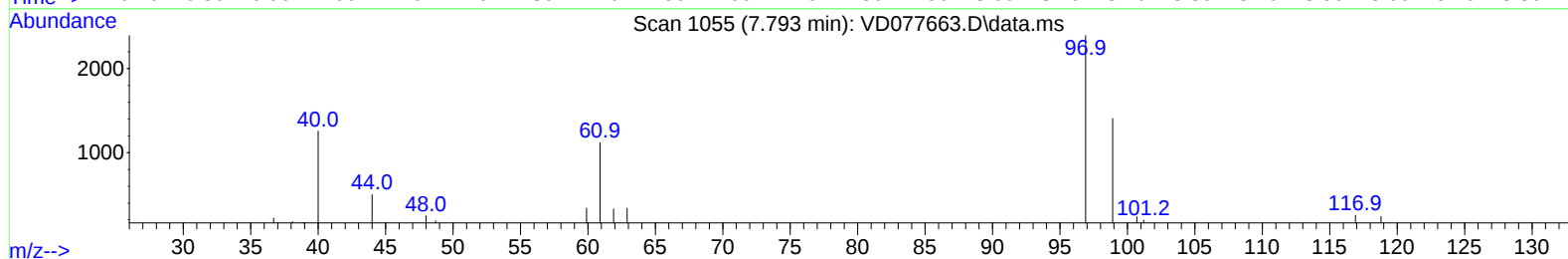
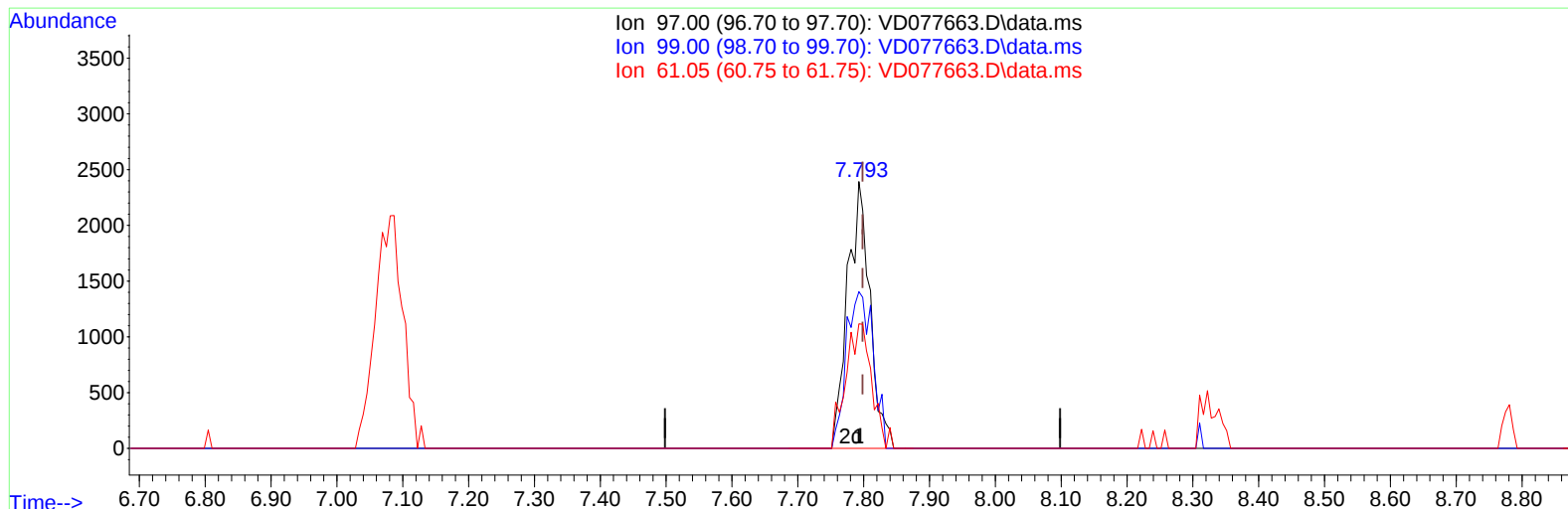
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(30) 1,1,1-Trichloroethane (T)

7.793min (-0.006) 24.06 ug/L m

response 5623

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.30	11.84#
61.05	47.60	48.87
0.00	0.00	0.00

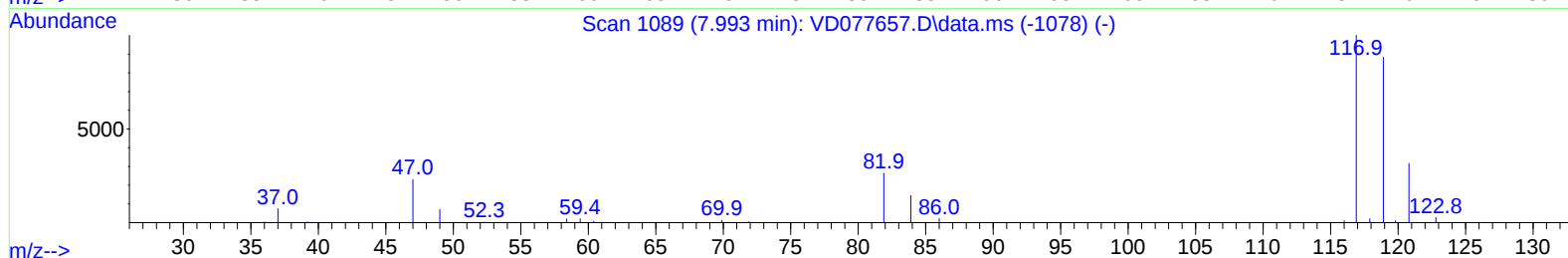
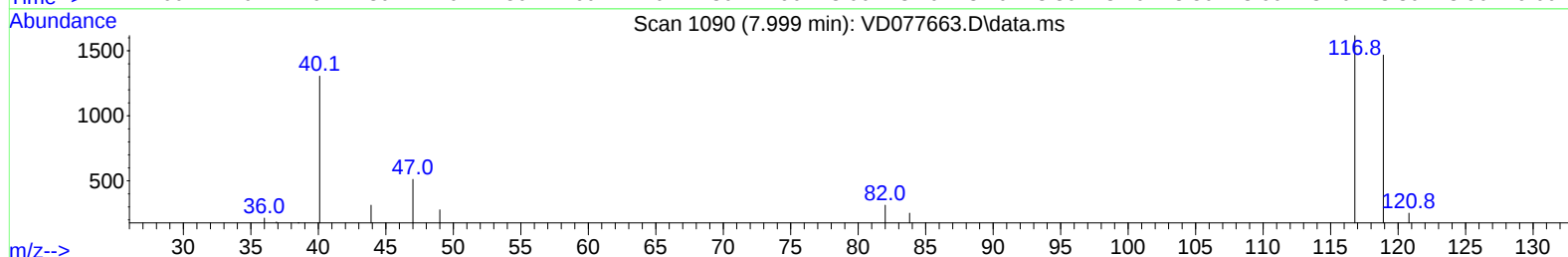
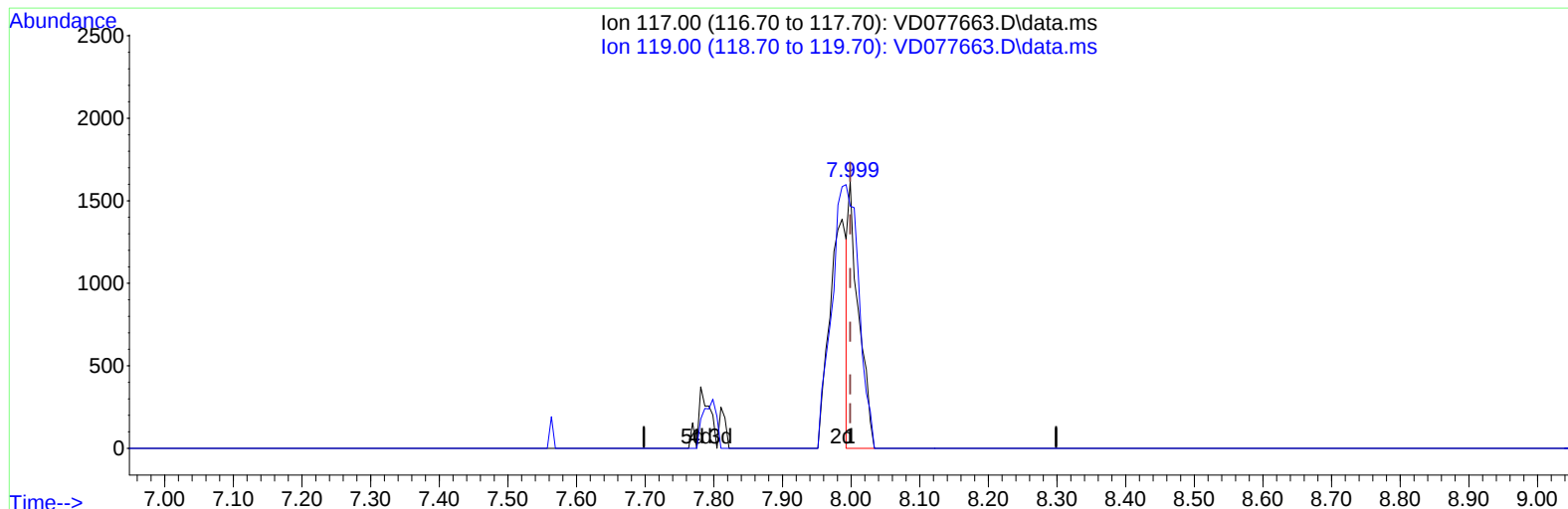
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration



TIC: VD077663.D\data.ms

(31) Carbon tetrachloride (T)

7.999min (+ 0.000) 8.33 ug/L

response 1674

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	94.20	261.17#
0.00	0.00	0.00
0.00	0.00	0.00

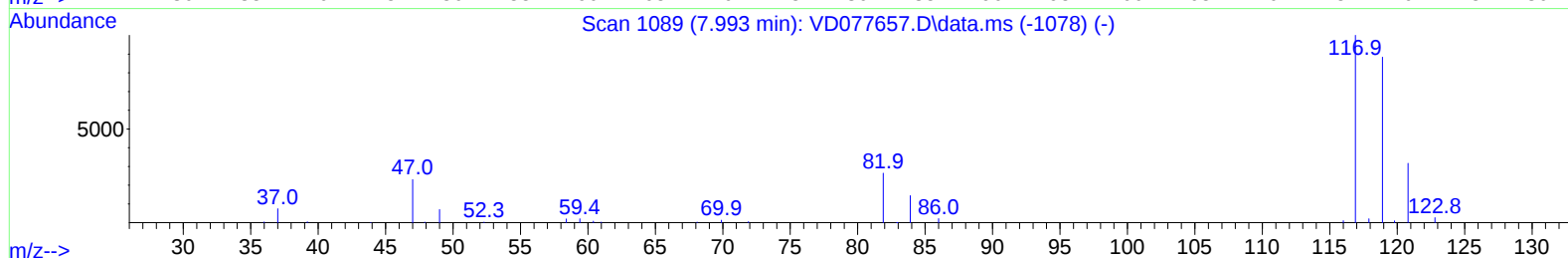
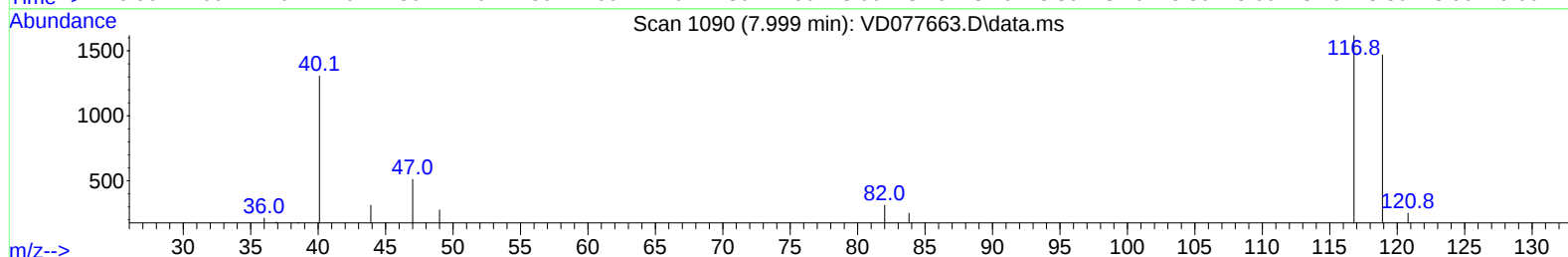
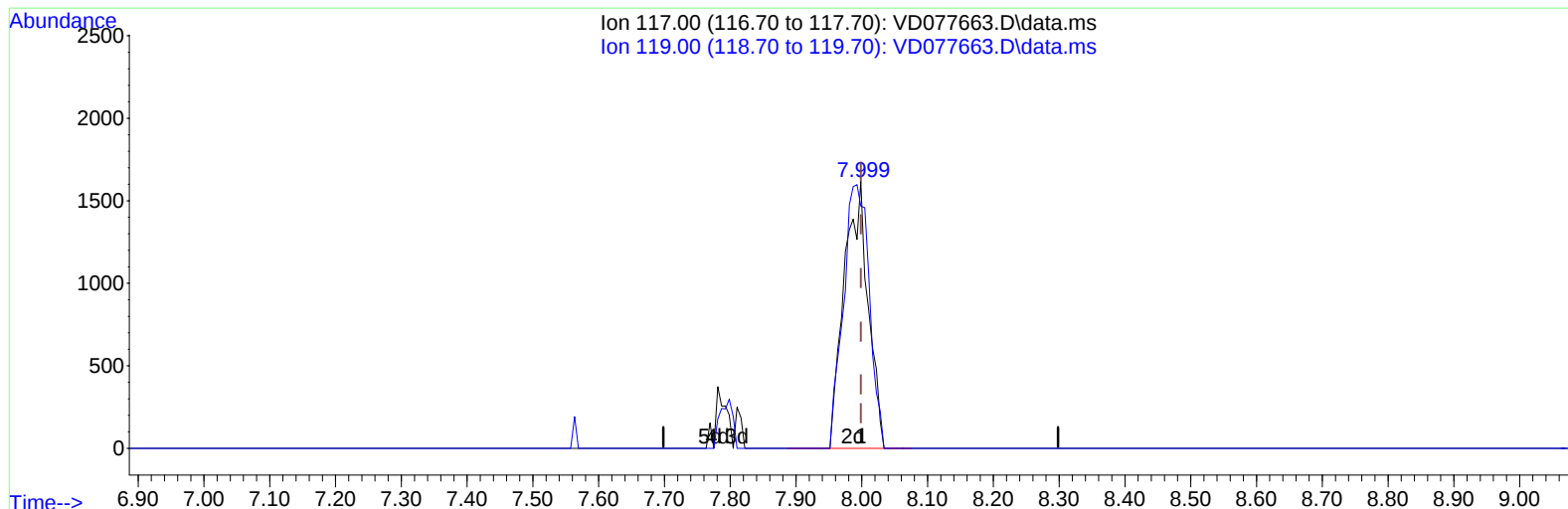
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration



TIC: VD077663.D\data.ms

(31) Carbon tetrachloride (T)

7.999min (+ 0.000) 20.41 ug/L m

response 4101

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	94.20	106.61
0.00	0.00	0.00
0.00	0.00	0.00

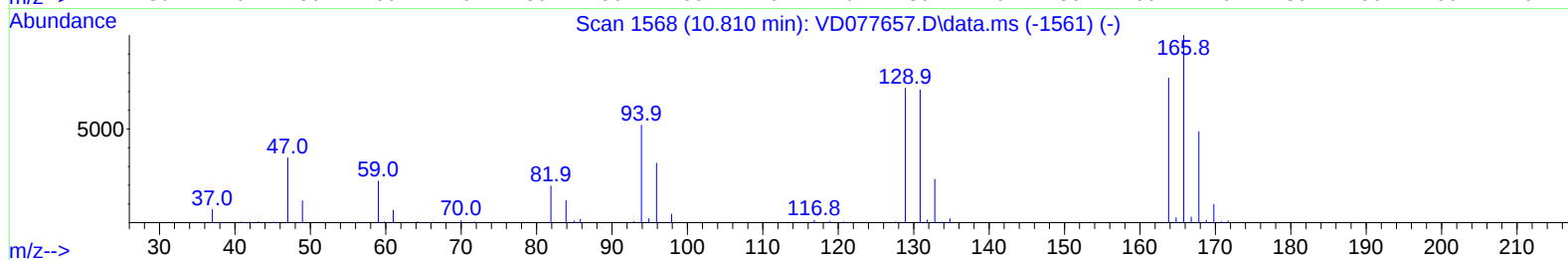
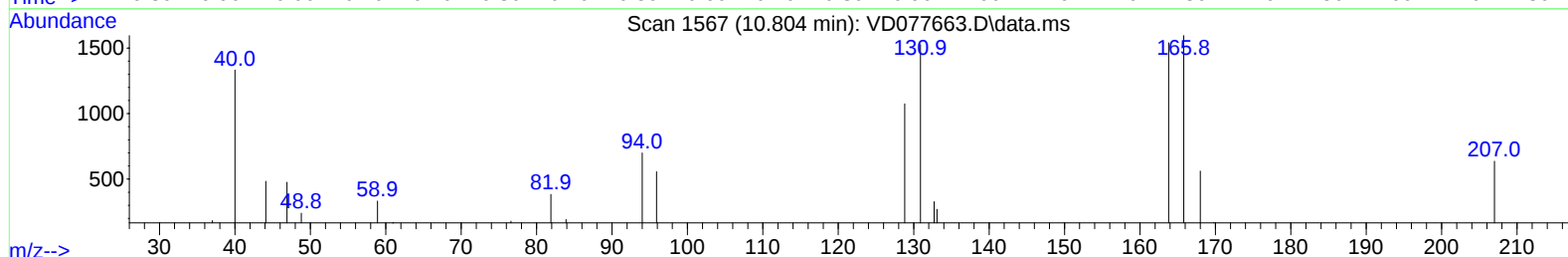
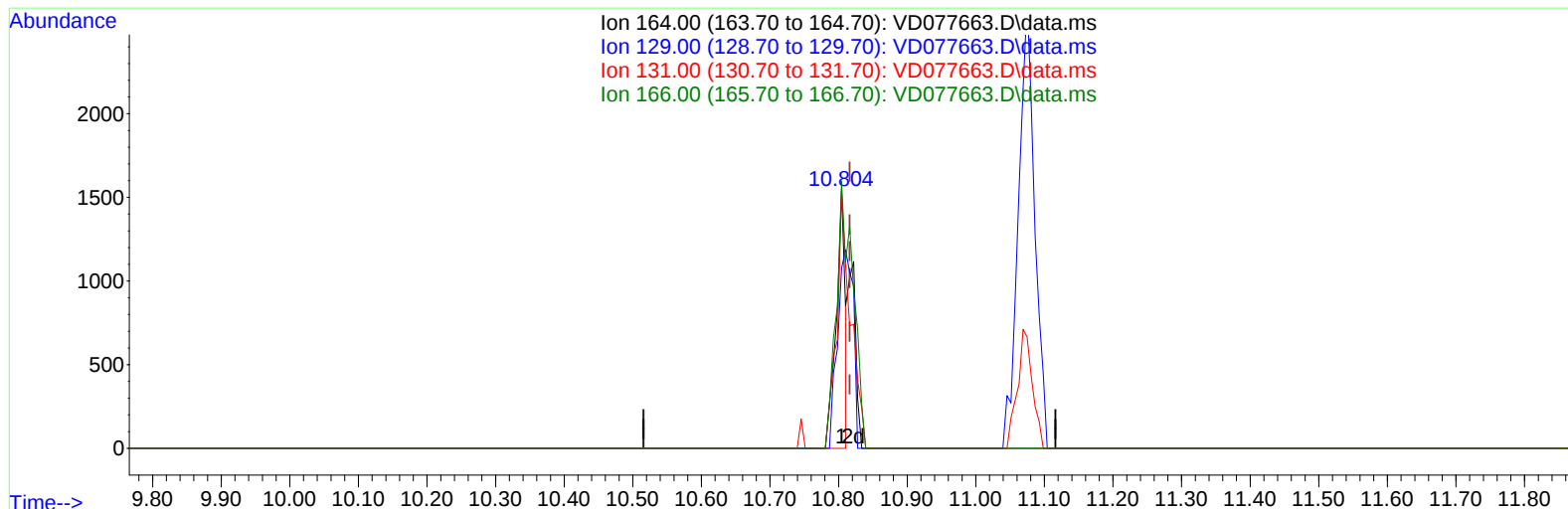
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(46) Tetrachloroethene (T)

10.804min (-0.012) 12.53 ug/L

response 1415

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	86.60	69.81
131.00	88.00	99.16
166.00	122.00	103.57

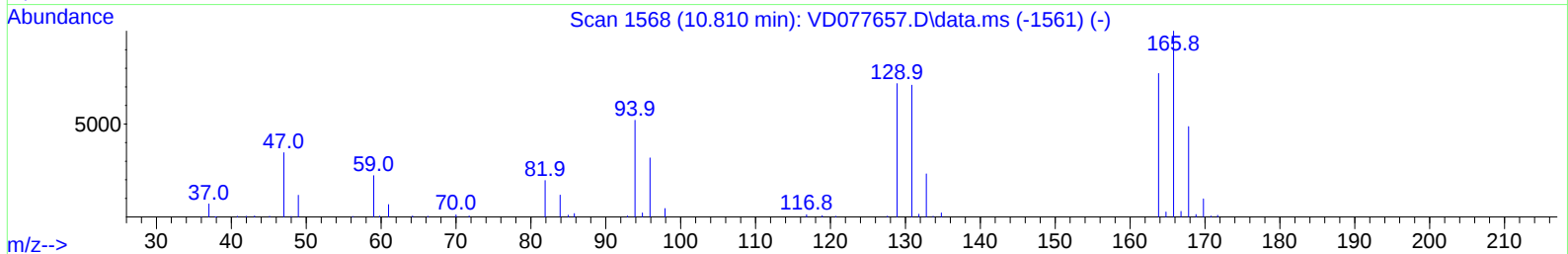
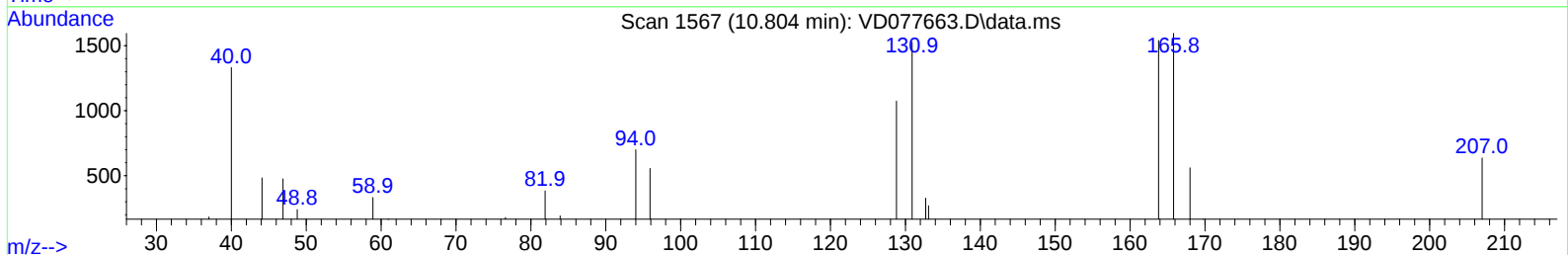
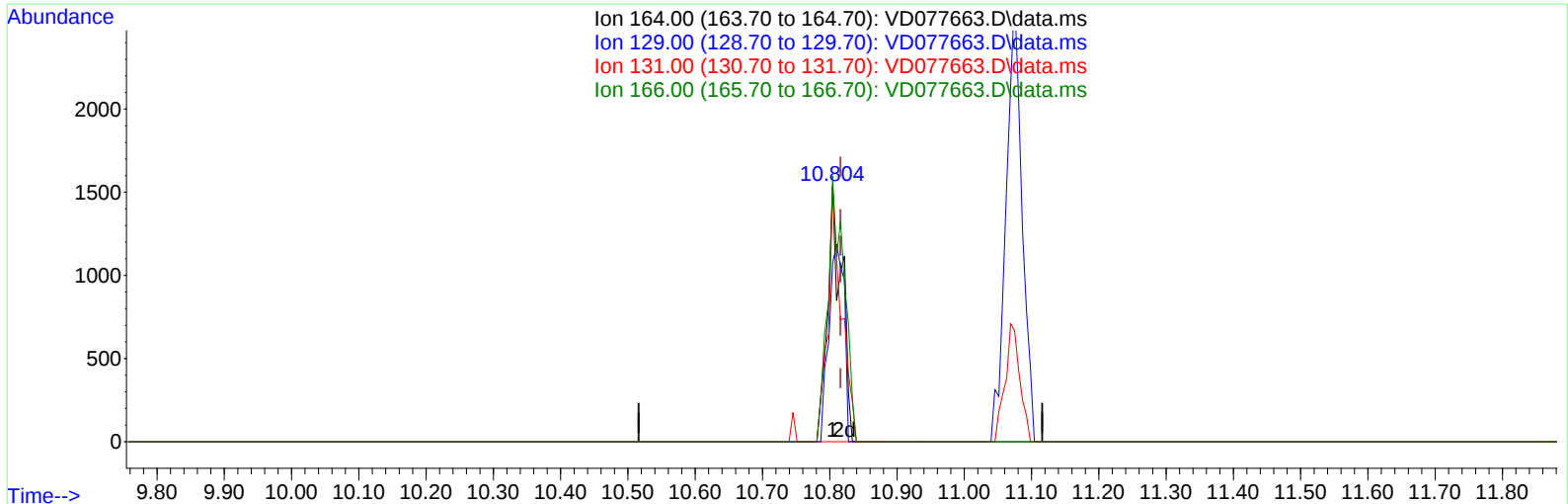
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023



TIC: VD077663.D\data.ms

(46) Tetrachloroethene (T)

10.804min (-0.012) 20.15 ug/L m

response 2275

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	86.60	69.81
131.00	88.00	99.16
166.00	122.00	103.57

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	9774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	8929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	4047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	7074	28.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.800%
7) Chloroethane-d5	2.799	69	4537m	23.228	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
11) 1,1-Dichloroethene-d2	3.928	65	2405m	31.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	125.120%#
21) 2-Butanone-d5	6.993	46	5368m	124.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	249.400%#
24) Chloroform-d	7.563	84	10777	38.169	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	152.680%#
26) 1,2-Dichloroethane-d4	8.228	65	7091	47.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	188.840%#
32) Benzene-d6	8.199	84	17790	30.698	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.800%
36) 1,2-Dichloropropane-d6	9.210	67	6239	33.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.200%#
41) Toluene-d8	10.269	98	15510	29.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.480%
43) trans-1,3-Dichloroprop...	10.528	79	3146	38.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	154.600%#
47) 2-Hexanone-d5	10.875	63	3776	111.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	223.640%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	6718	53.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	214.840%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4645	32.263	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.040%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	2998	19.046	ug/L	93
3) Chloromethane	2.146	50	5334	23.553	ug/L	99
5) Vinyl chloride	2.287	62	5968	23.348	ug/L	96
6) Bromomethane	2.699	94	3054m	22.442	ug/L	
8) Chloroethane	2.846	64	3100	19.508	ug/L #	77
9) Trichlorofluoromethane	3.187	101	5015	21.559	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	3004m	20.985	ug/L	
12) 1,1-Dichloroethene	3.946	96	3161m	22.742	ug/L	
13) Acetone	4.022	43	6504	143.738	ug/L	66
14) Carbon disulfide	4.281	76	8430	16.844	ug/L	99
15) Methyl Acetate	4.569	43	4654m	62.519	ug/L	
16) Methylene chloride	4.799	84	5546	33.607	ug/L #	67
17) trans-1,2-Dichloroethene	5.310	96	3180m	21.750	ug/L	
18) Methyl tert-butyl Ether	5.305	73	14418m	42.015	ug/L	
19) 1,1-Dichloroethane	6.116	63	7744	26.398	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	4220	26.566	ug/L #	67
22) 2-Butanone	7.093	43	6691	122.896	ug/L #	61
23) Bromochloromethane	7.416	128	2461m	38.557	ug/L	
25) Chloroform	7.593	83	8836	32.788	ug/L	77

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/23/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	6411	35.887	ug/L	97
29) Cyclohexane	7.881	56	4145m	14.297	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	5623m	24.056	ug/L	
31) Carbon tetrachloride	7.999	117	4101m	20.415	ug/L	
33) Benzene	8.251	78	15147	24.463	ug/L	100
34) Trichloroethene	9.034	95	3561	23.209	ug/L	89
35) Methylcyclohexane	9.281	83	2943	10.629	ug/L	91
37) 1,2-Dichloropropane	9.310	63	5281	30.679	ug/L #	88
38) Bromodichloromethane	9.581	83	6556	33.204	ug/L #	95
39) cis-1,3-Dichloropropene	10.022	75	7570	28.619	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	11132	106.122	ug/L	97
42) Toluene	10.334	91	14769	22.718	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	6730	30.792	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	4553	43.271	ug/L	92
46) Tetrachloroethene	10.804	164	2275m	20.152	ug/L	
48) 2-Hexanone	10.922	43	7849	94.399	ug/L #	88
49) Dibromochloromethane	11.075	129	4382	36.663	ug/L	96
50) 1,2-Dibromoethane	11.181	107	4639	46.104	ug/L #	90
51) Chlorobenzene	11.610	112	9659	25.361	ug/L	93
52) Ethylbenzene	11.681	91	14298	19.988	ug/L	91
53) m,p-Xylene	11.792	106	5360	20.592	ug/L	67
54) o-Xylene	12.122	106	5206	20.882	ug/L	75
55) Styrene	12.139	104	9617	22.093	ug/L	78
57) 1,1,2,2-Tetrachloroethane	12.681	83	6269	50.575	ug/L	85
59) Bromoform	12.292	173	3461	50.160	ug/L #	95
60) Isopropylbenzene	12.422	105	13244	20.232	ug/L	94
61) 1,2,3-Trichloropropane	12.728	75	4974	57.700	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.904	105	9196	18.510	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	9564	19.004	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	6630	24.688	ug/L	87
65) 1,4-Dichlorobenzene	13.539	146	6876	25.370	ug/L #	81
67) 1,2-Dichlorobenzene	13.834	146	6261	26.370	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	1116	59.517	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.592	180	2528	13.825	ug/L	93
70) 1,2,4-trichlorobenzene	15.104	180	2740	17.779	ug/L #	89
71) Naphthalene	15.333	128	7925	27.286	ug/L	96
72) 1,2,3-Trichlorobenzene	15.522	180	2493	18.972	ug/L #	89

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077663.D
Acq On : 22 Nov 2023 11:52
Operator : JC/SY
Sample : 05438-08RE
Misc : 5.06G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:31:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration

