

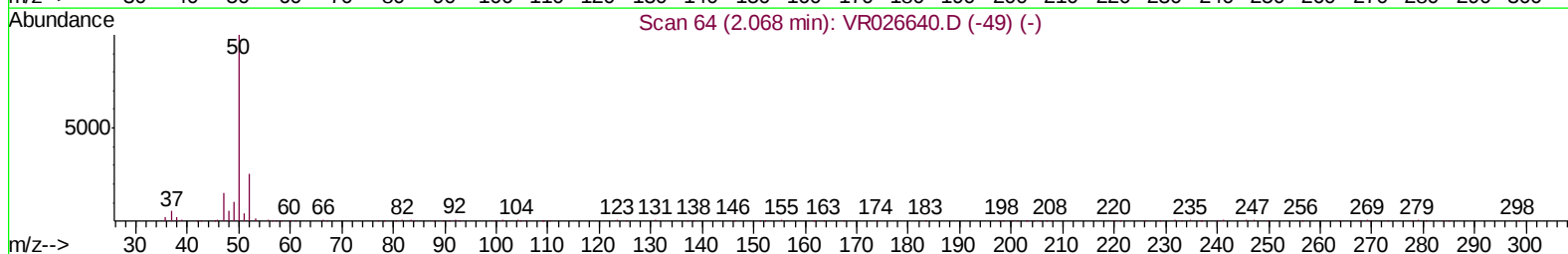
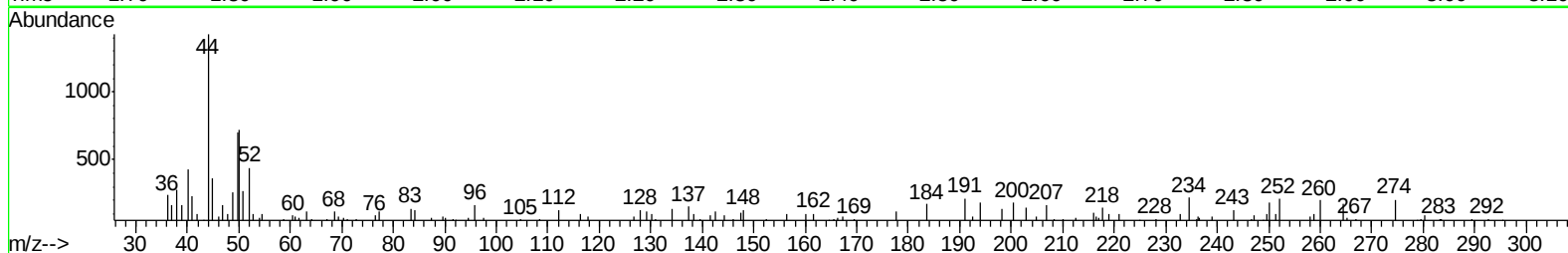
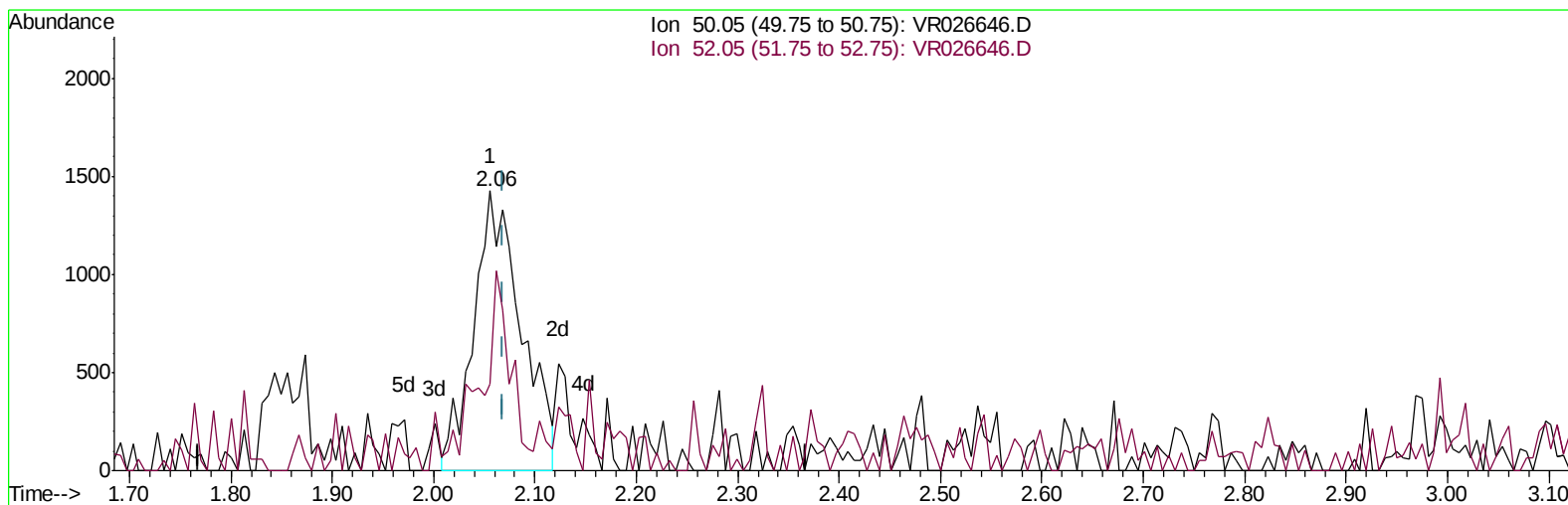
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(3) Chloromethane (T)

2.056min (-0.012) 0.26ug/L

response 4660

Ion	Exp%	Act%
50.05	100	100
52.05	31.00	30.83
0.00	0.00	0.00
0.00	0.00	0.00

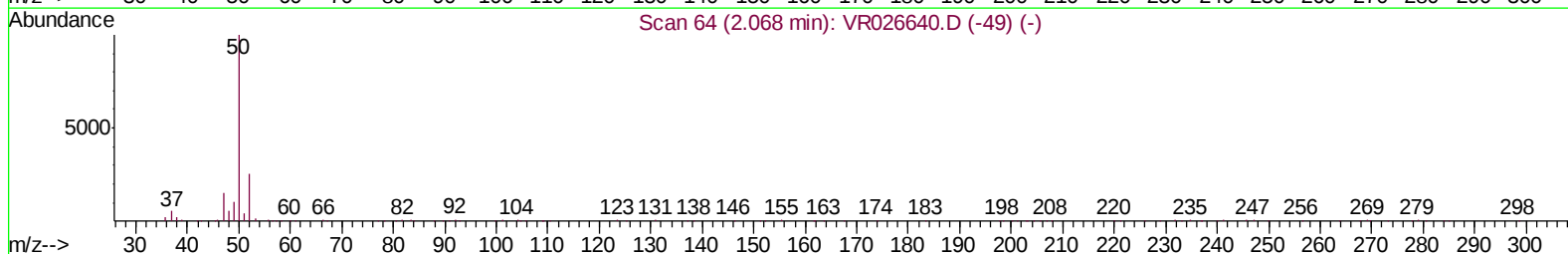
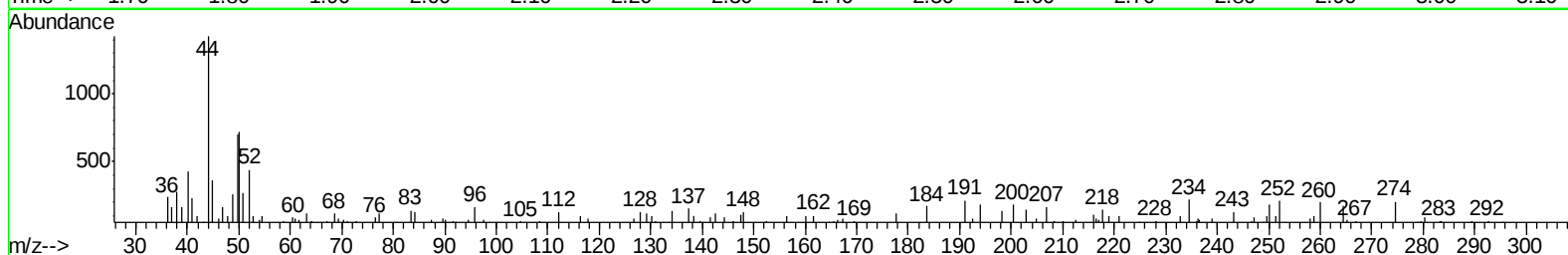
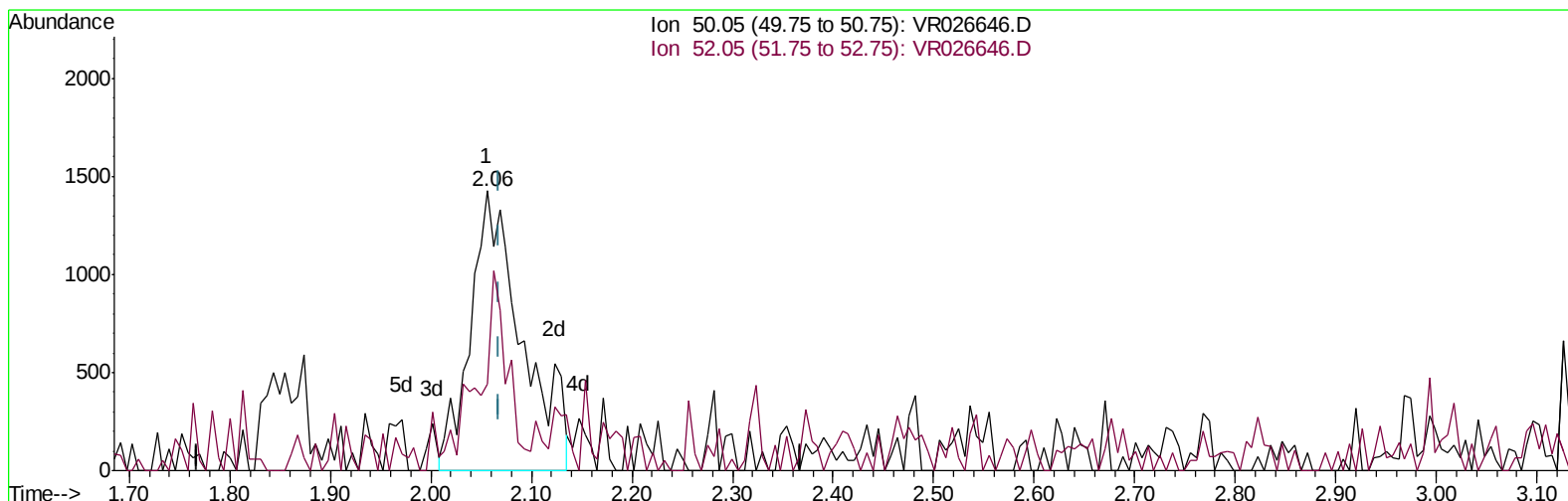
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(3) Chloromethane (T)

2.056min (-0.012) 0.29ug/L m

response 5101

Ion	Exp%	Act%
50.05	100	100
52.05	31.00	60.86#
0.00	0.00	0.00
0.00	0.00	0.00

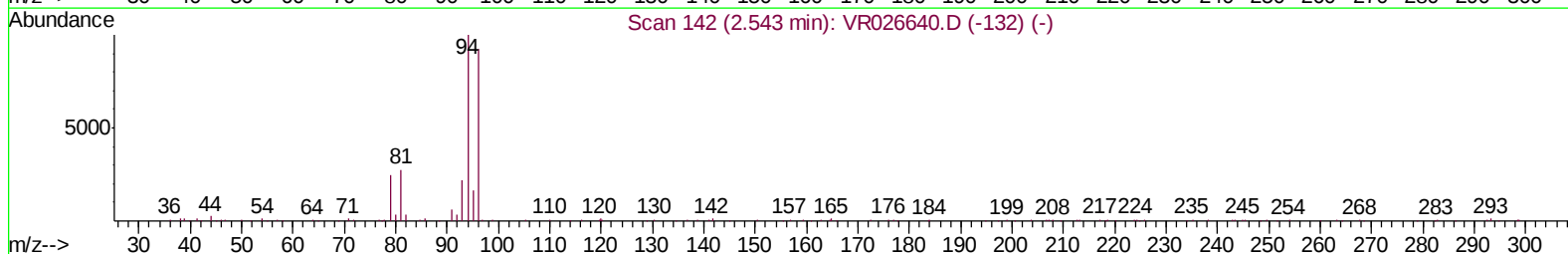
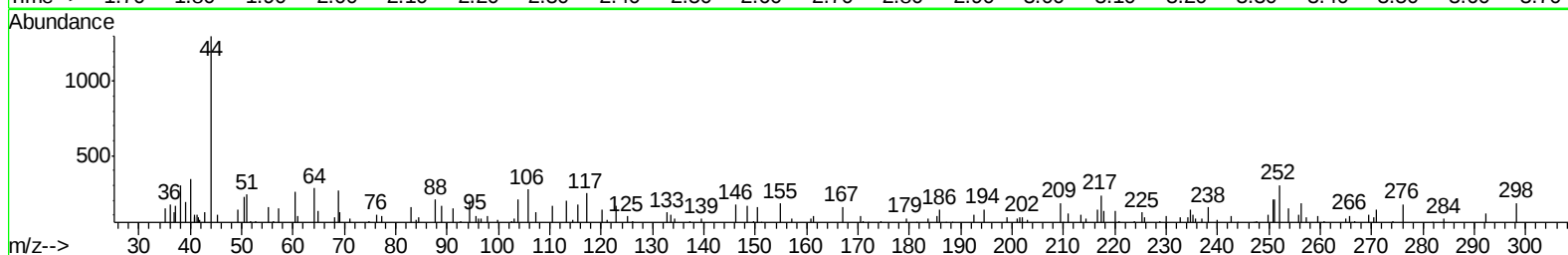
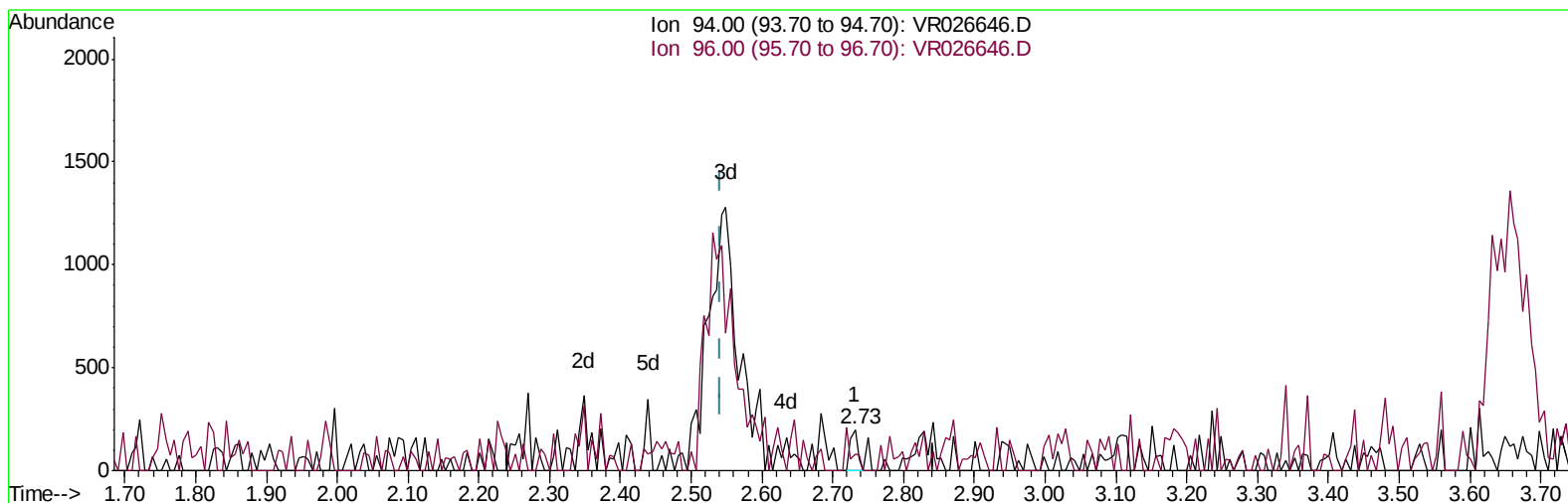
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(6) Bromomethane (T)

2.731min (+0.189) 0.01ug/L

response 149

Ion	Exp%	Act%
94.00	100	100
96.00	87.20	79.90
0.00	0.00	0.00
0.00	0.00	0.00

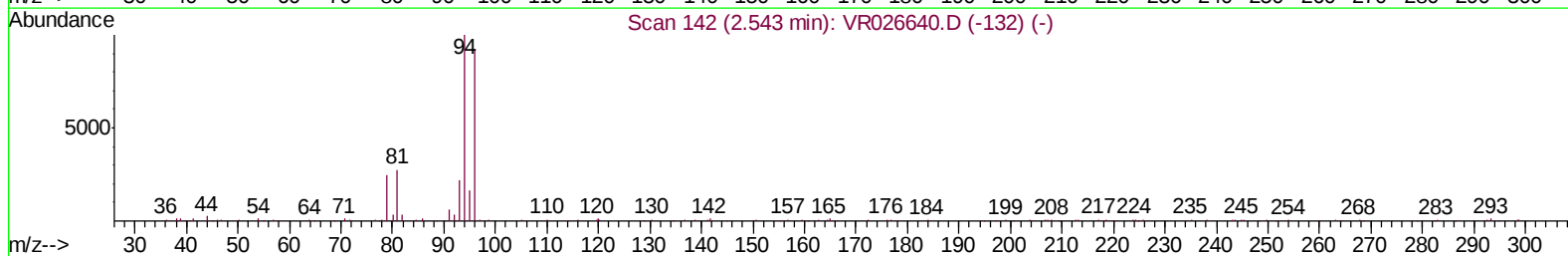
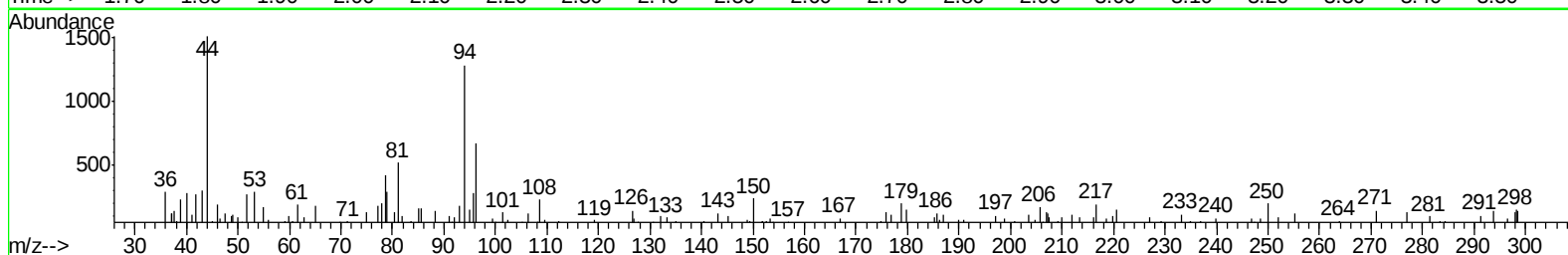
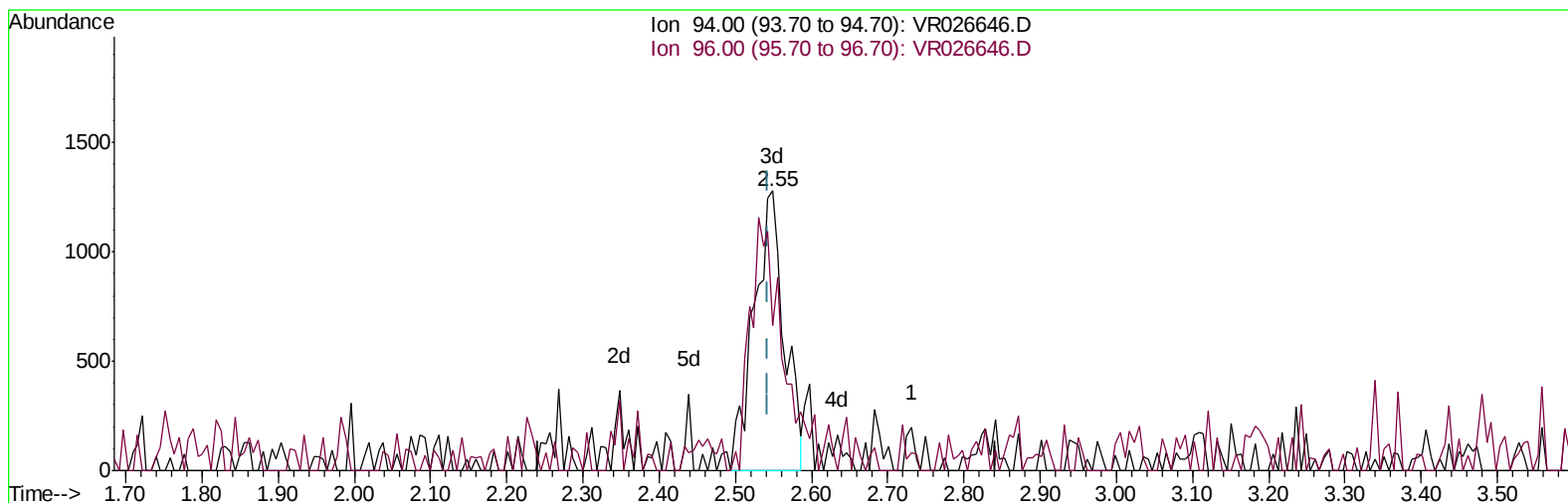
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(6) Bromomethane (T)

2.549min (+0.006) 0.31ug/L m

response 3513

Ion	Exp%	Act%
94.00	100	100
96.00	87.20	52.03#
0.00	0.00	0.00
0.00	0.00	0.00

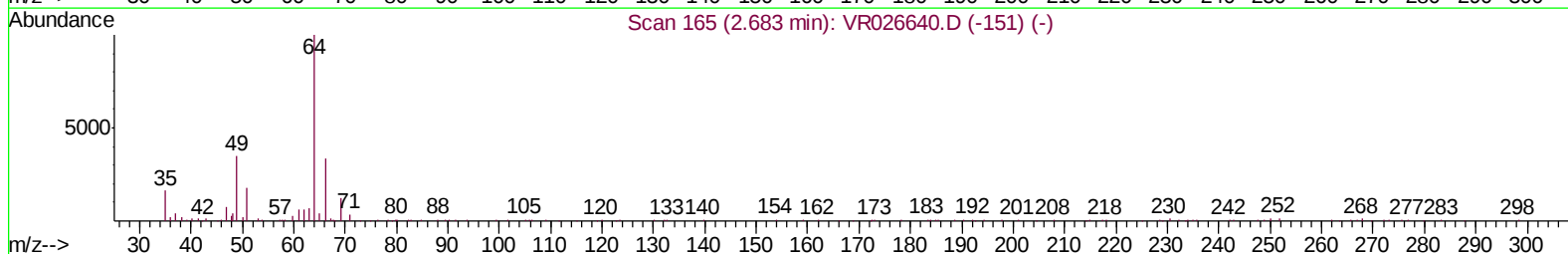
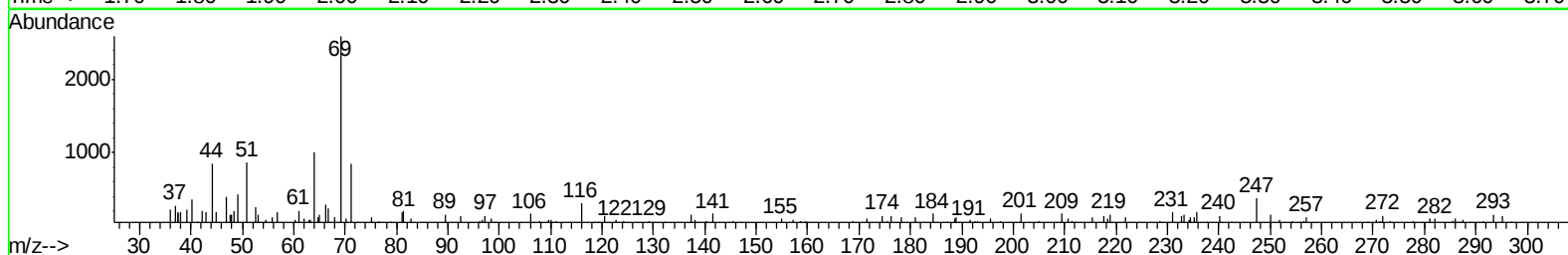
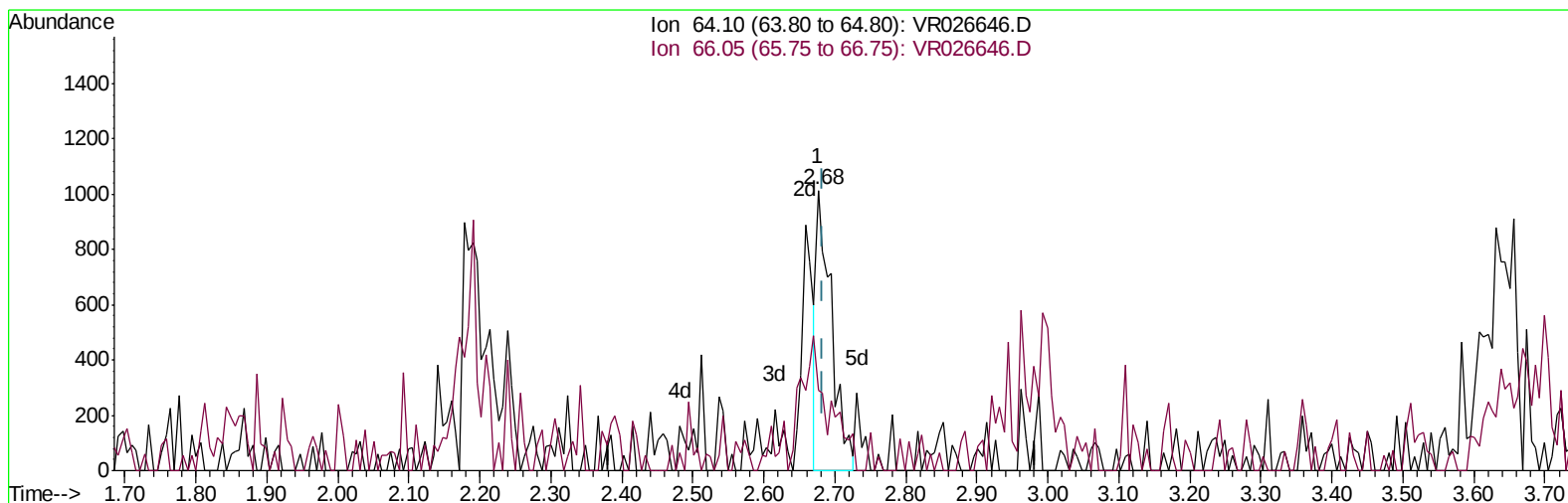
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(8) Chloroethane (T)

2.677min (-0.006) 0.14ug/L

response 1474

Ion	Exp%	Act%
64.10	100	100
66.05	31.80	25.37
0.00	0.00	0.00
0.00	0.00	0.00

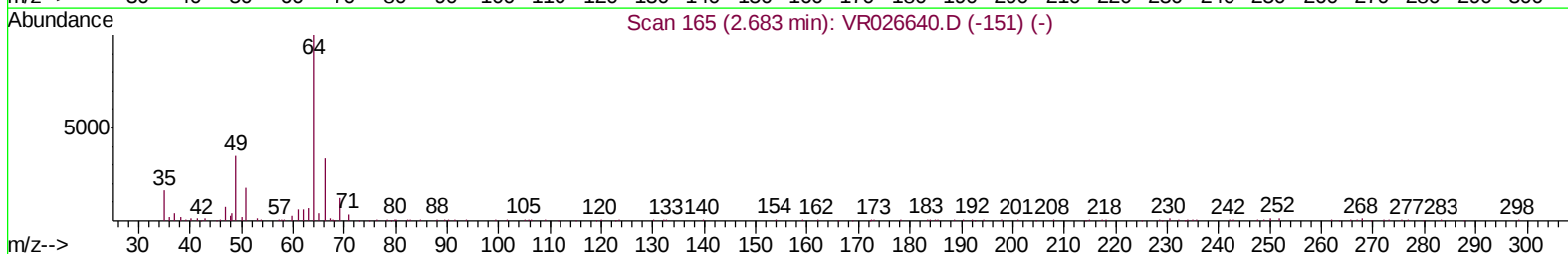
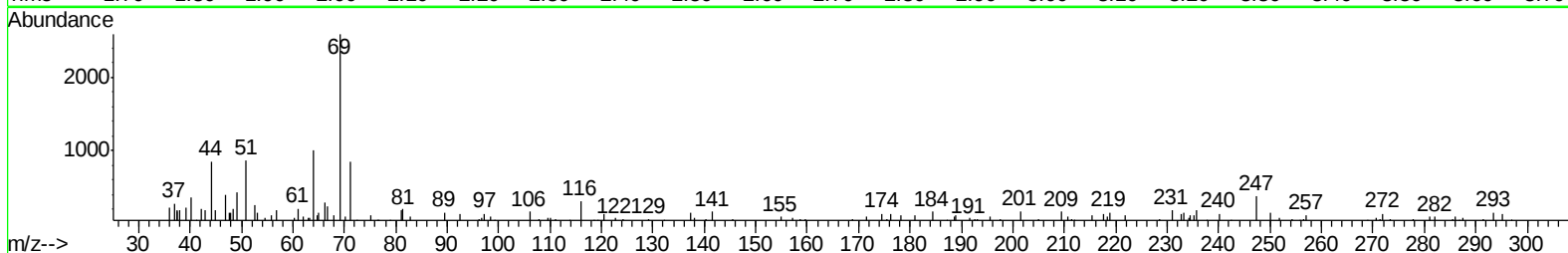
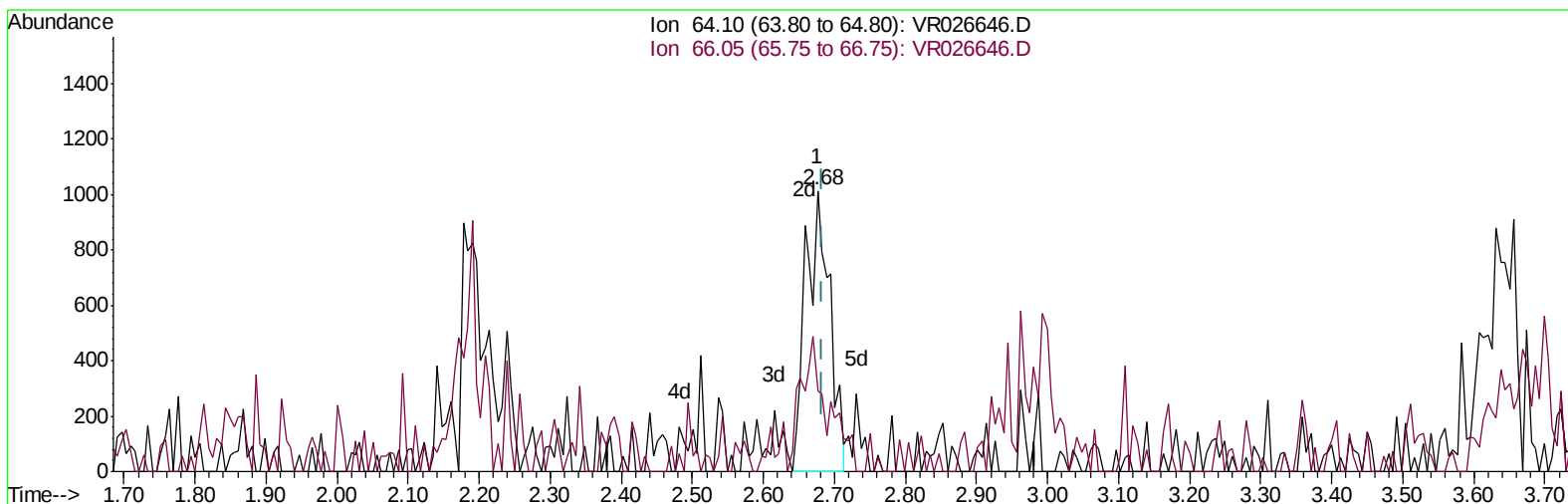
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(8) Chloroethane (T)

2.677min (-0.006) 0.24ug/L m

response 2407

Ion	Exp%	Act%
64.10	100	100
66.05	31.80	28.43
0.00	0.00	0.00
0.00	0.00	0.00

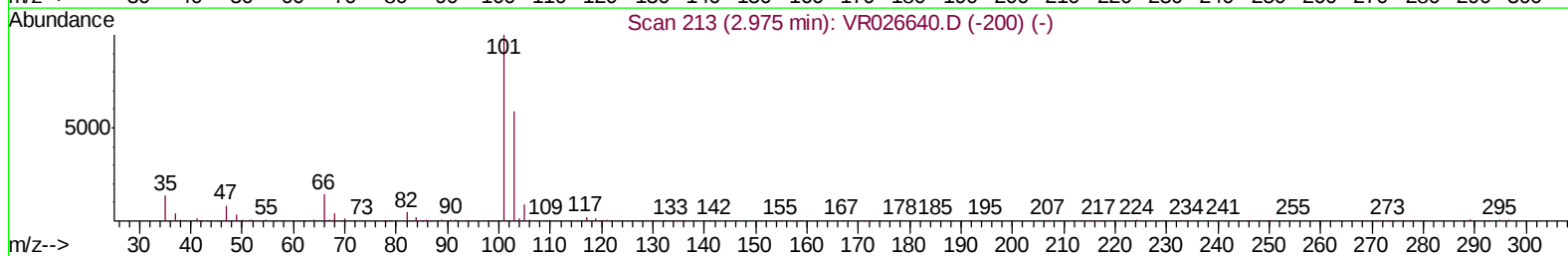
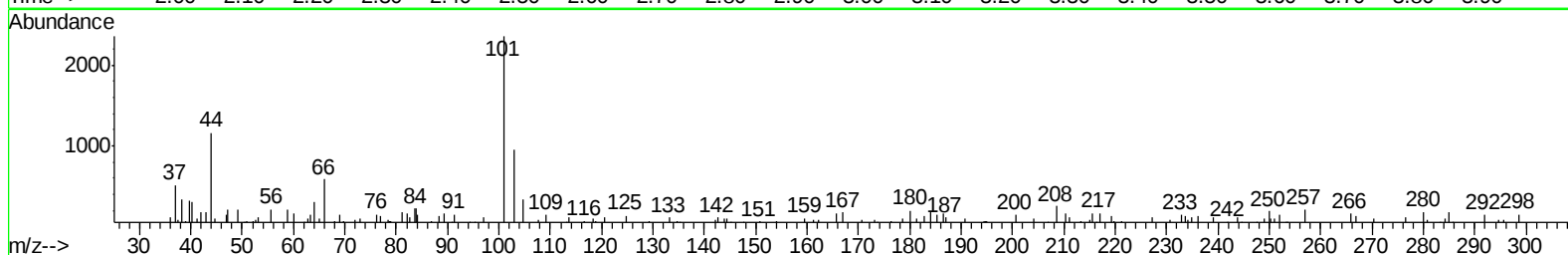
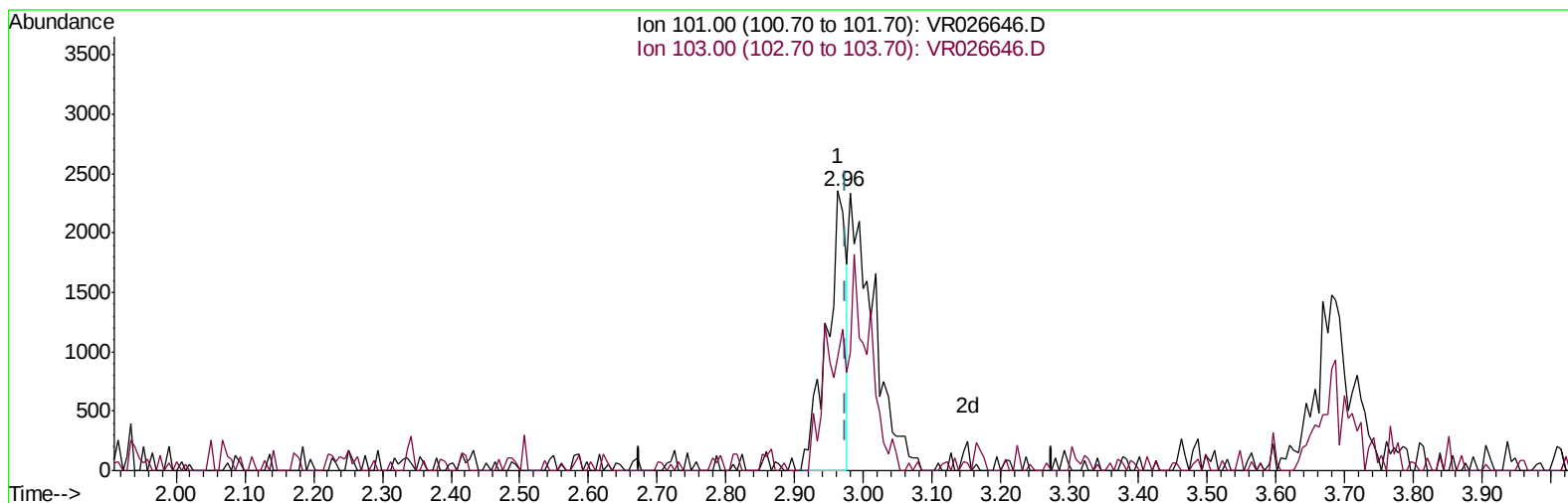
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(9) Trichlorofluoromethane (T)

2.963min (-0.012) 0.15ug/L

response 4483

Ion	Exp%	Act%
101.00	100	100
103.00	63.60	33.50#
0.00	0.00	0.00
0.00	0.00	0.00

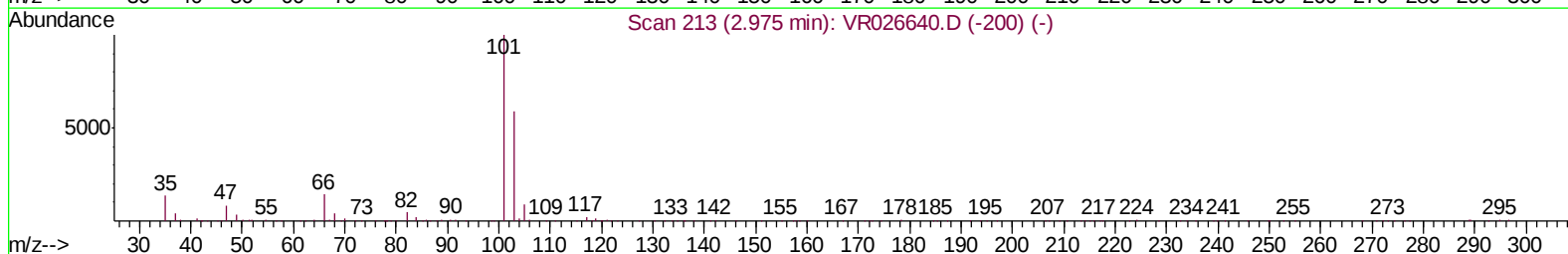
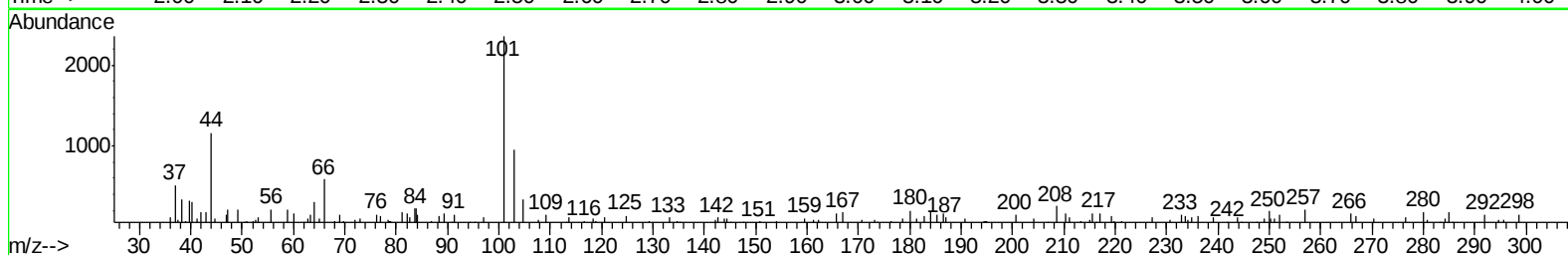
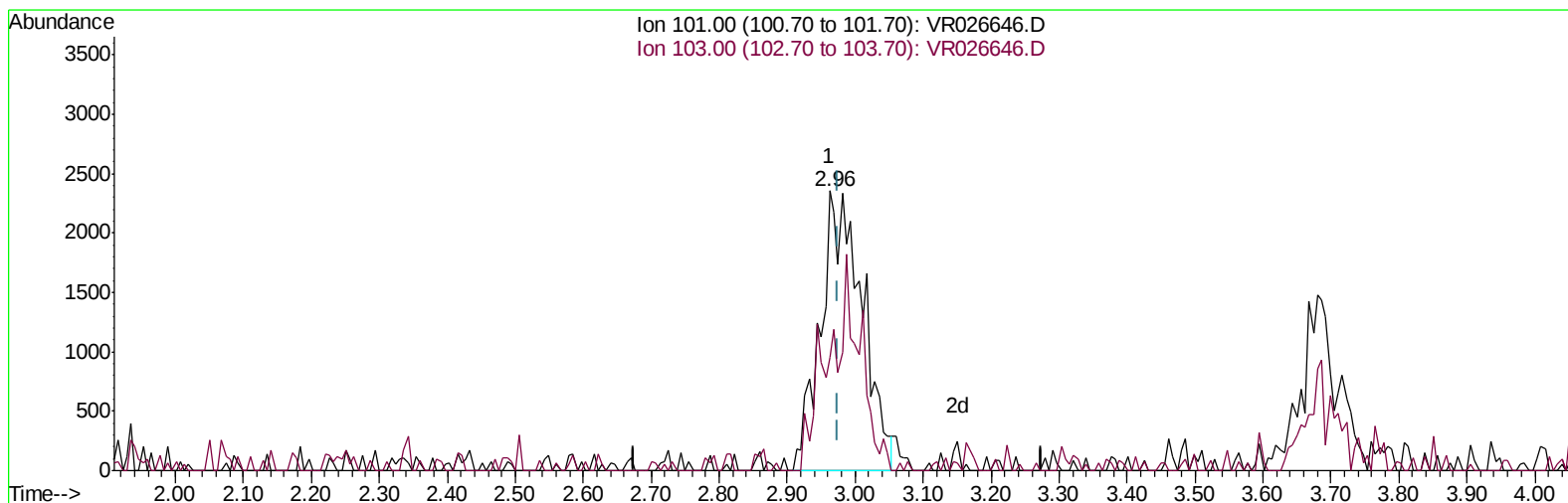
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(9) Trichlorofluoromethane (T)

2.963min (-0.012) 0.33ug/L m

response 10074

Ion	Exp%	Act%
101.00	100	100
103.00	63.60	14.91#
0.00	0.00	0.00
0.00	0.00	0.00

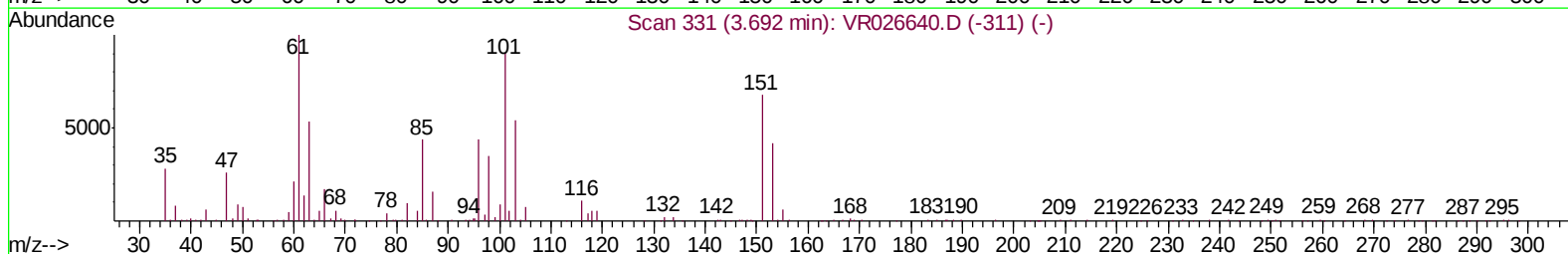
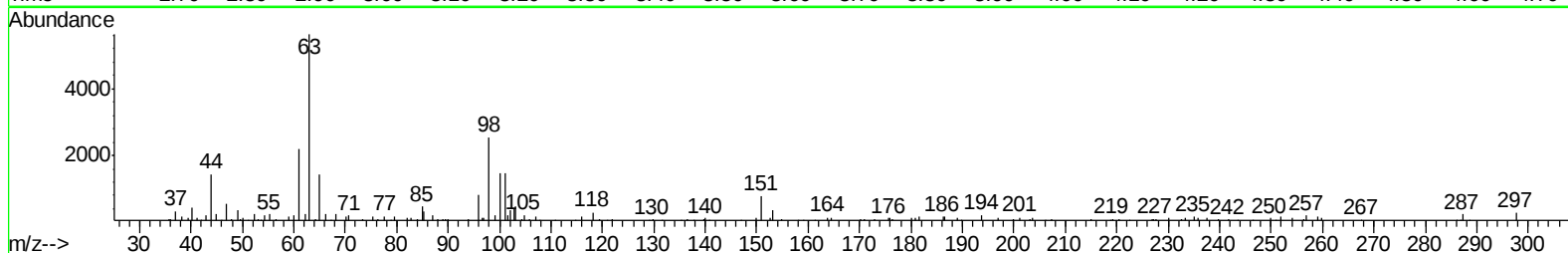
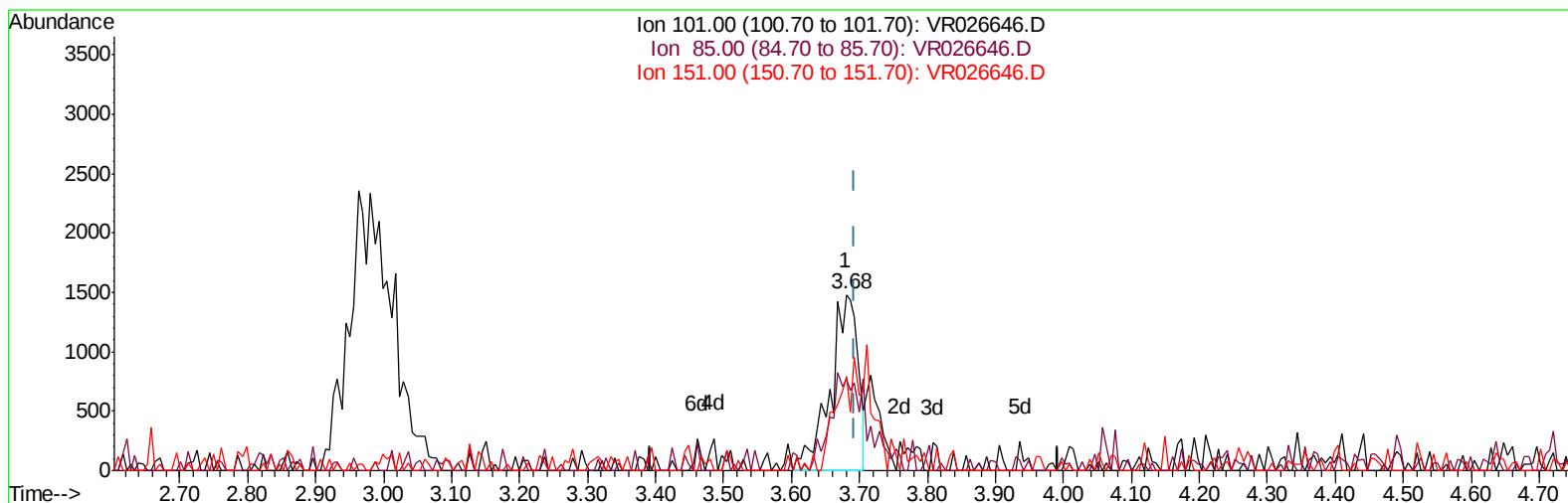
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

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

3.680min (-0.012) 0.31ug/L

response 4164

Ion	Exp%	Act%
101.00	100	100
85.00	49.60	75.48#
151.00	73.00	32.80#
0.00	0.00	0.00

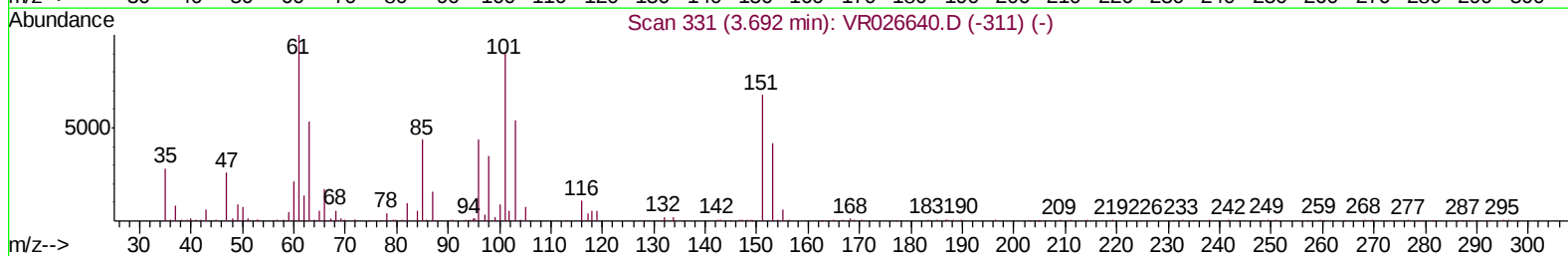
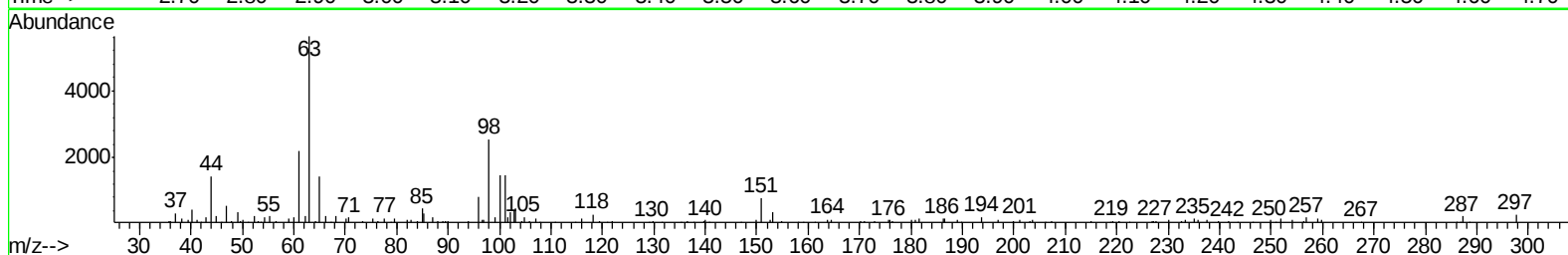
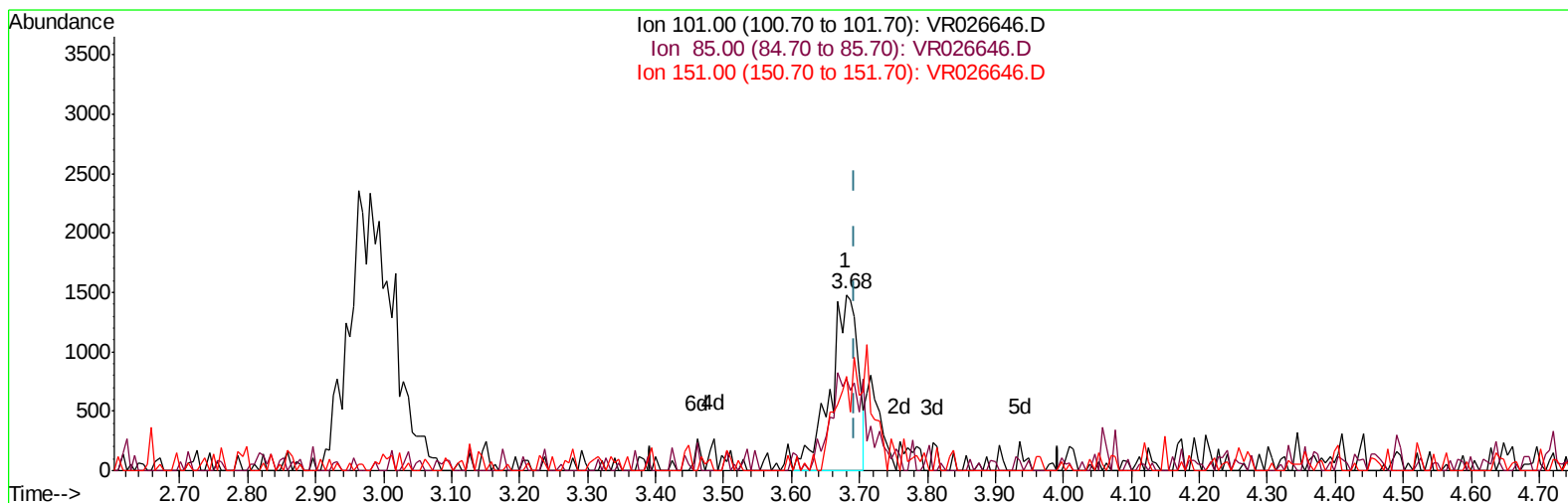
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

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

3.680min (-0.012) 0.31ug/L m

response 4164

Ion	Exp%	Act%
101.00	100	100
85.00	49.60	75.48#
151.00	73.00	32.80#
0.00	0.00	0.00

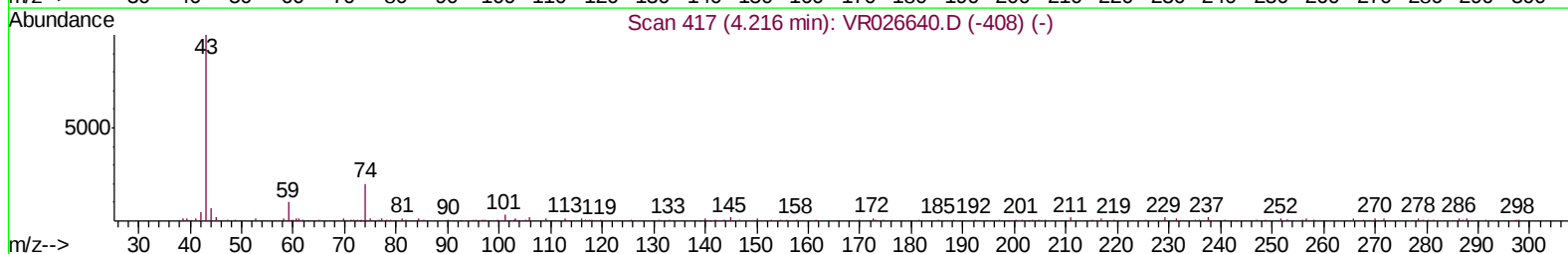
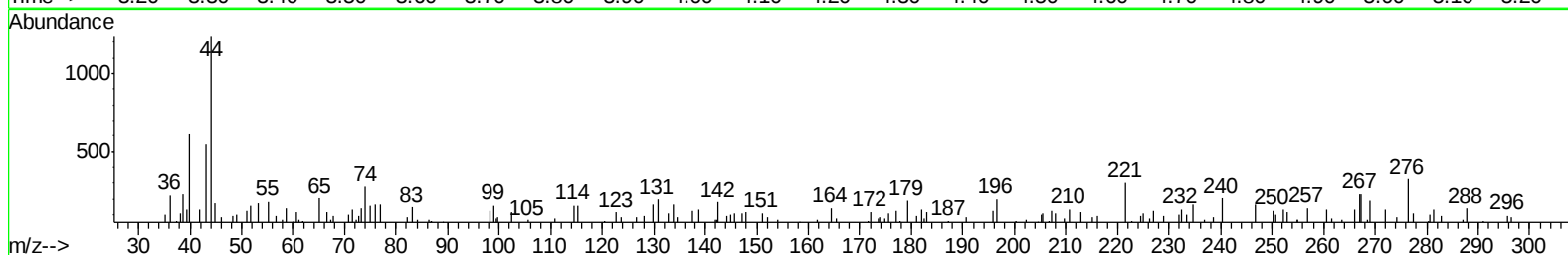
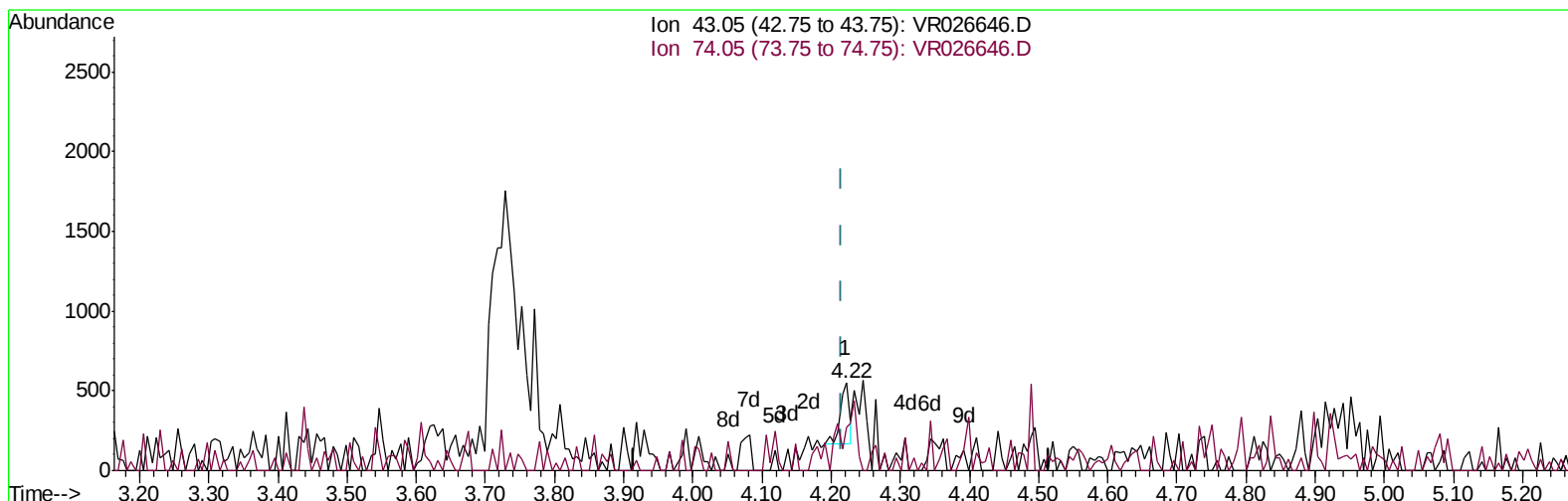
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
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TIC: VR026646.D

(15) Methyl Acetate (T)

4.222min (+0.006) 0.06ug/L

response 345

Ion	Exp%	Act%
43.05	100	100
74.05	21.90	115.65#
0.00	0.00	0.00
0.00	0.00	0.00

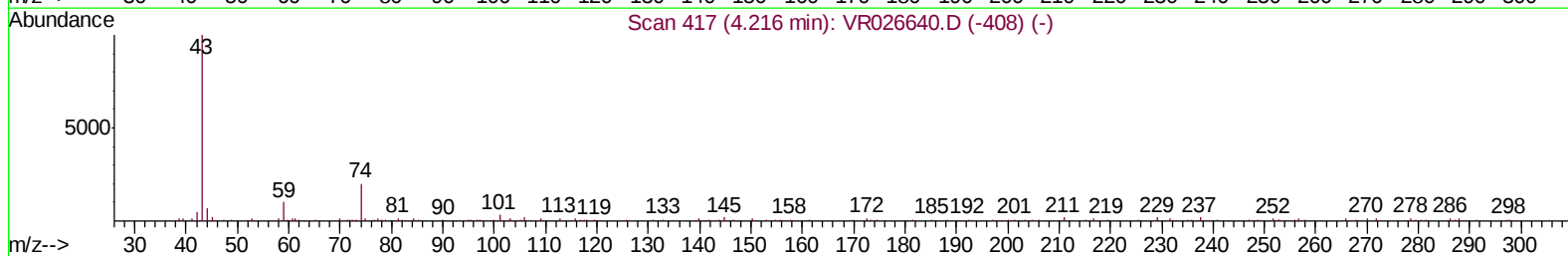
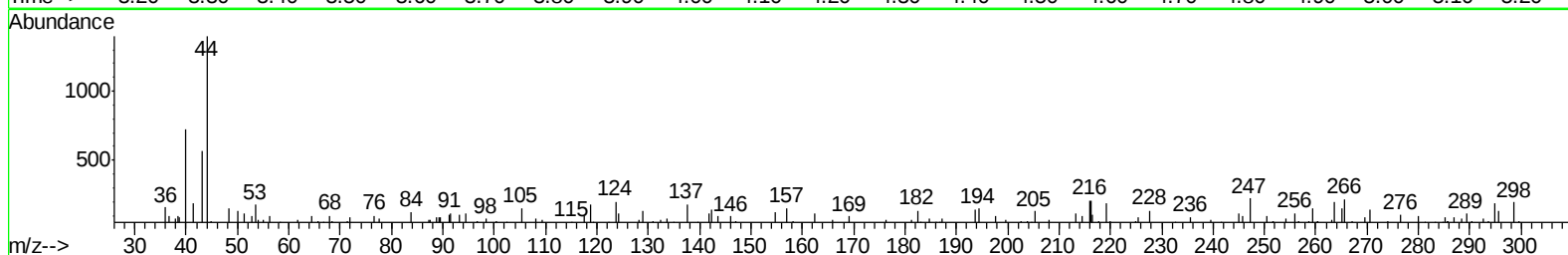
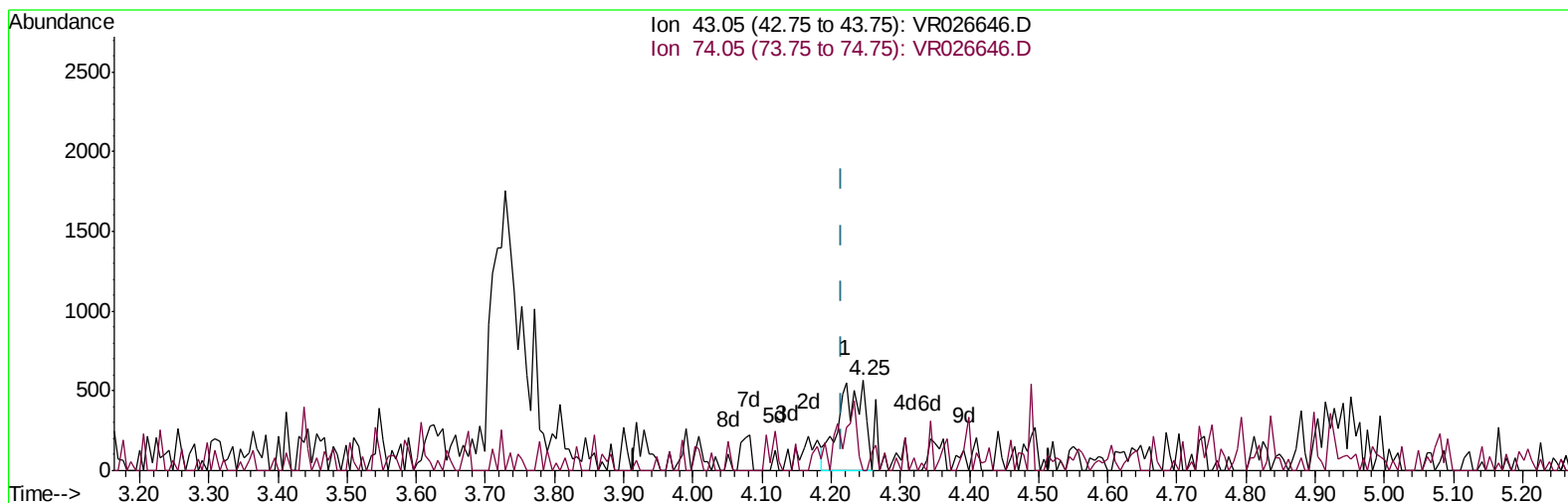
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
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TIC: VR026646.D

(15) Methyl Acetate (T)

4.246min (+0.030) 0.25ug/L m

response 1417

Ion	Exp%	Act%
43.05	100	100
74.05	21.90	28.16#
0.00	0.00	0.00
0.00	0.00	0.00

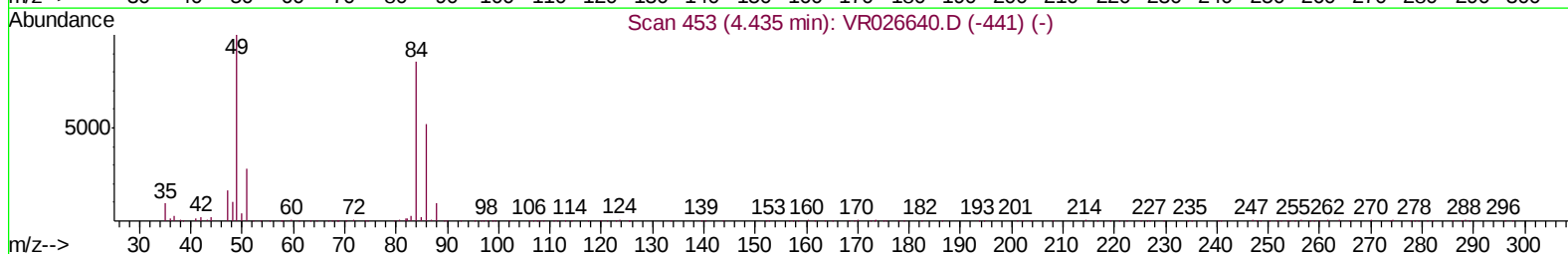
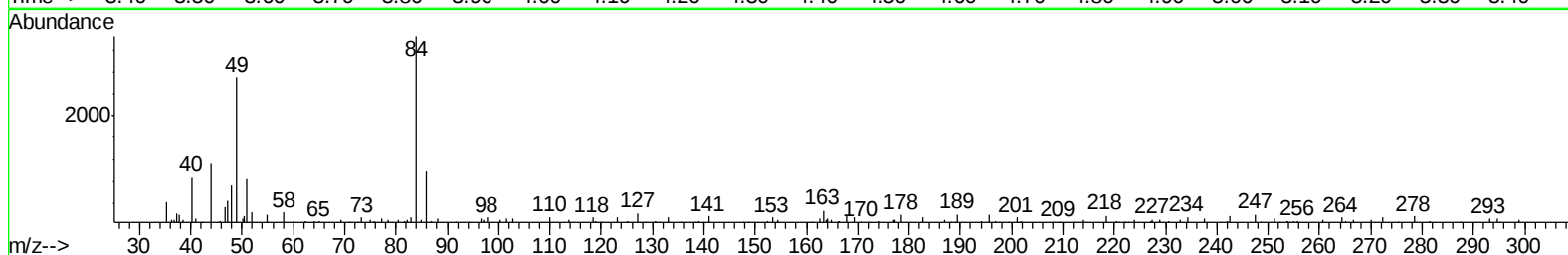
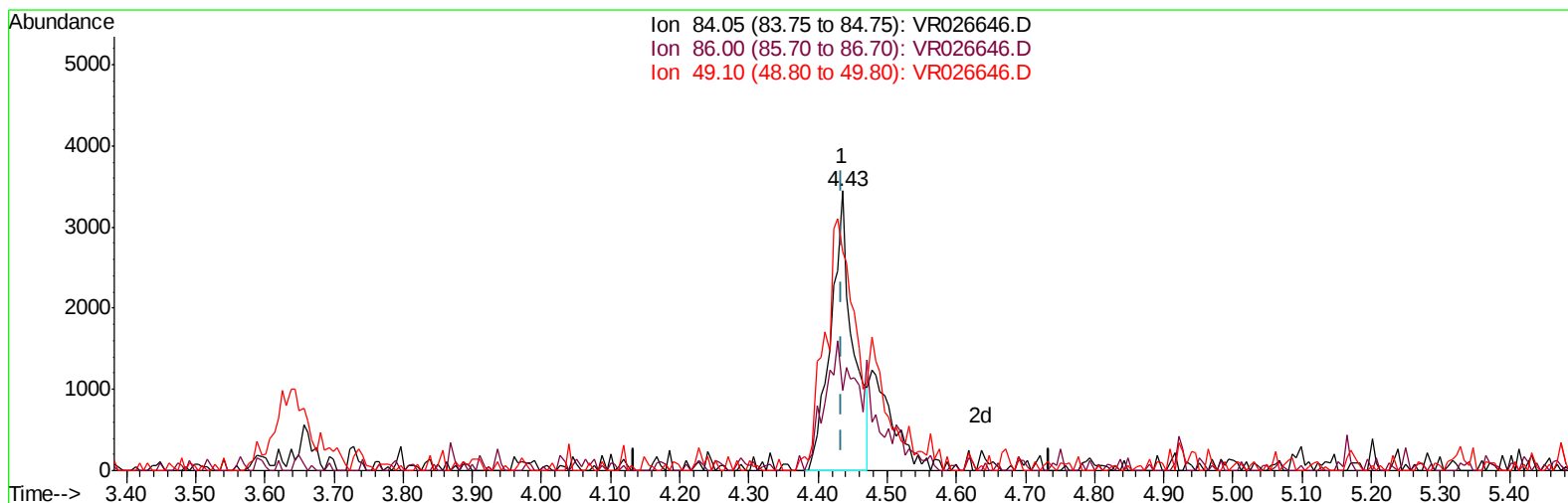
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(16) Methylene chloride (T)

4.435min (+0.000) 0.28ug/L

response 7613

Ion	Exp%	Act%
84.05	100	100
86.00	63.10	28.55#
49.10	117.60	78.27#
0.00	0.00	0.00

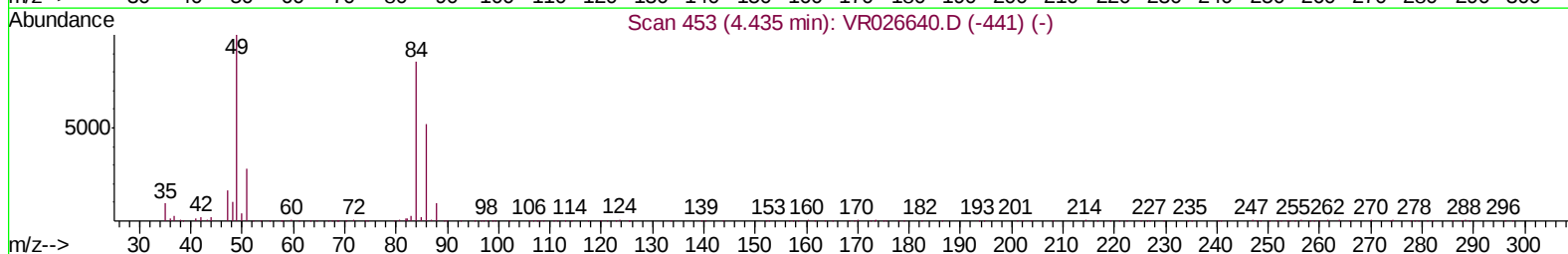
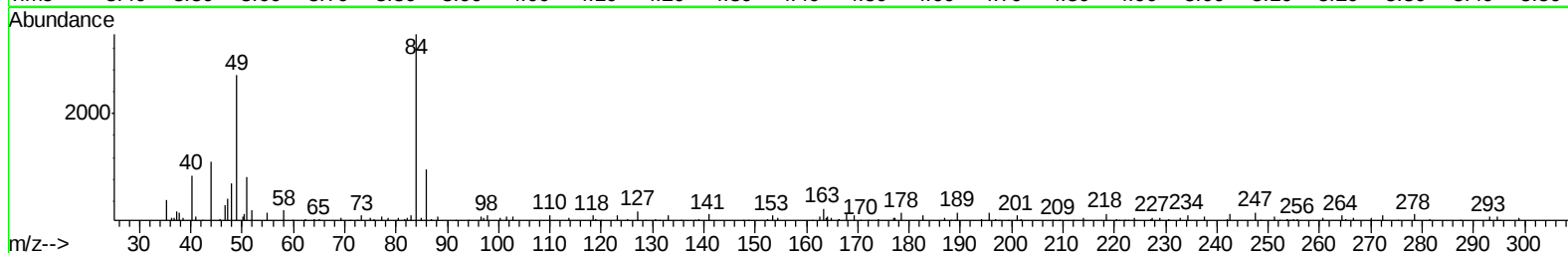
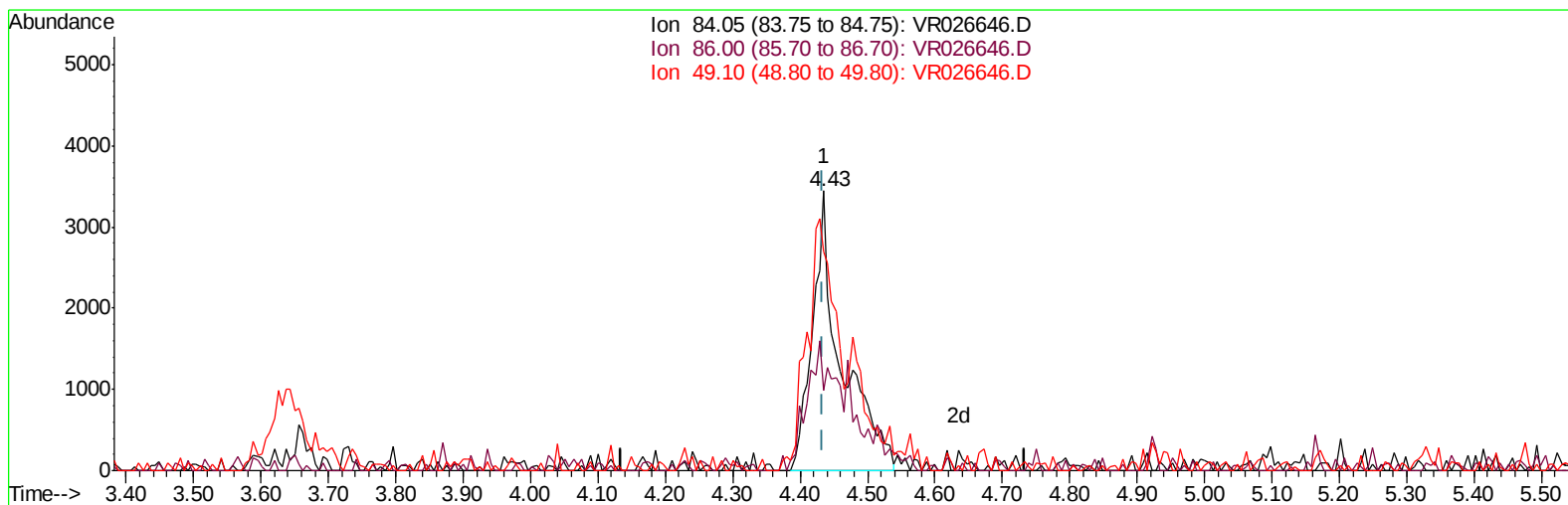
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(16) Methylene chloride (T)

4.435min (+0.000) 0.37ug/L m

response 10282

Ion	Exp%	Act%
84.05	100	100
86.00	63.10	28.55#
49.10	117.60	78.27#
0.00	0.00	0.00

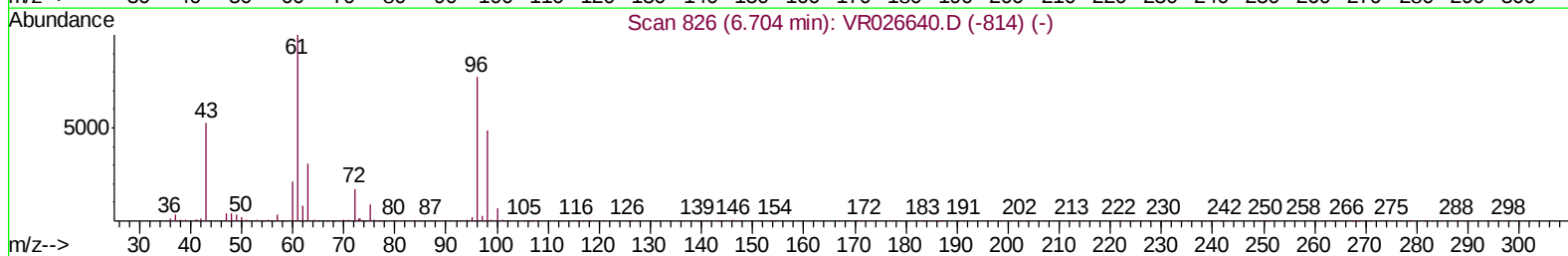
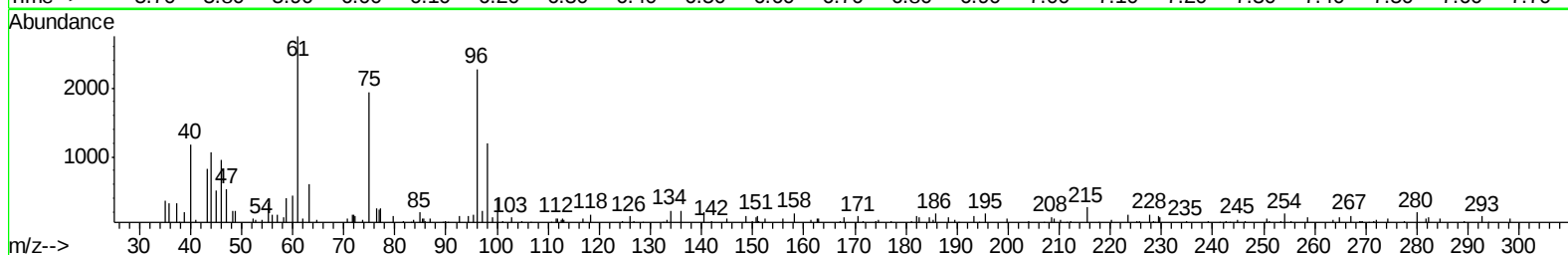
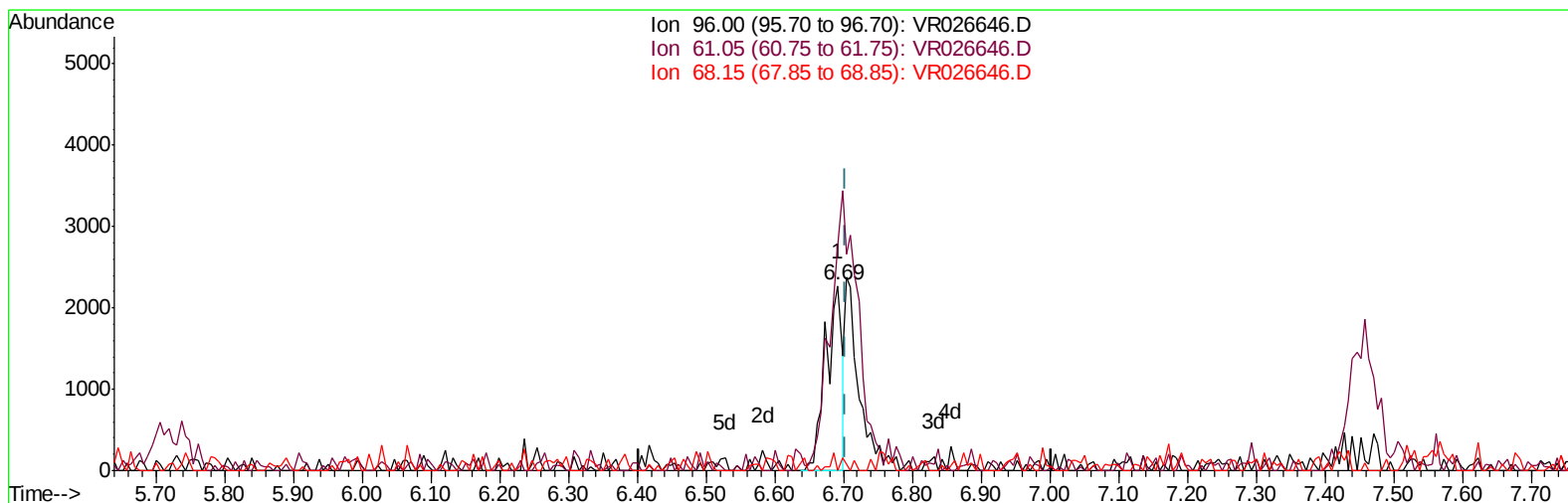
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(22) cis-1,2-Dichloroethene (T)

6.692min (-0.012) 0.14ug/L

response 3681

Ion	Exp%	Act%
96.00	100	100
61.05	136.30	121.05
68.15	0.00	0.00
0.00	0.00	0.00

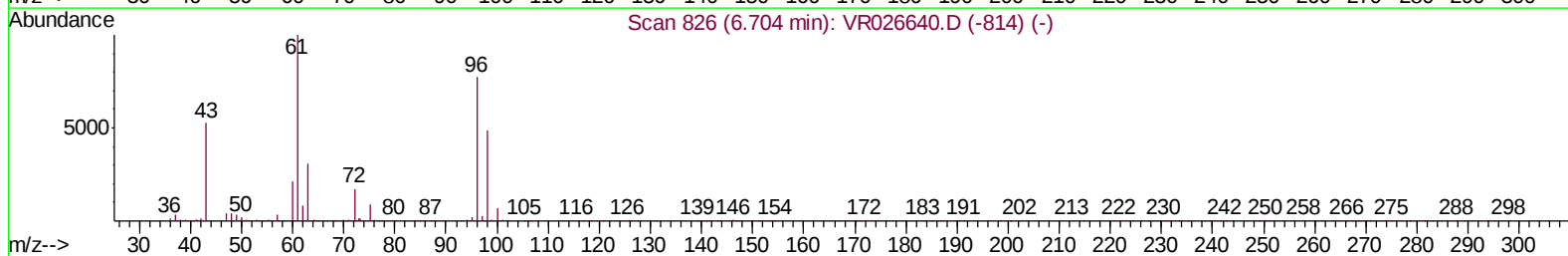
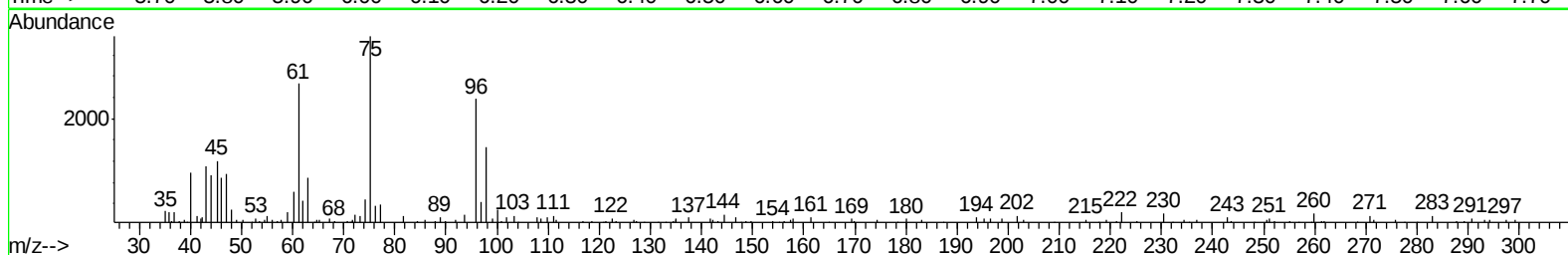
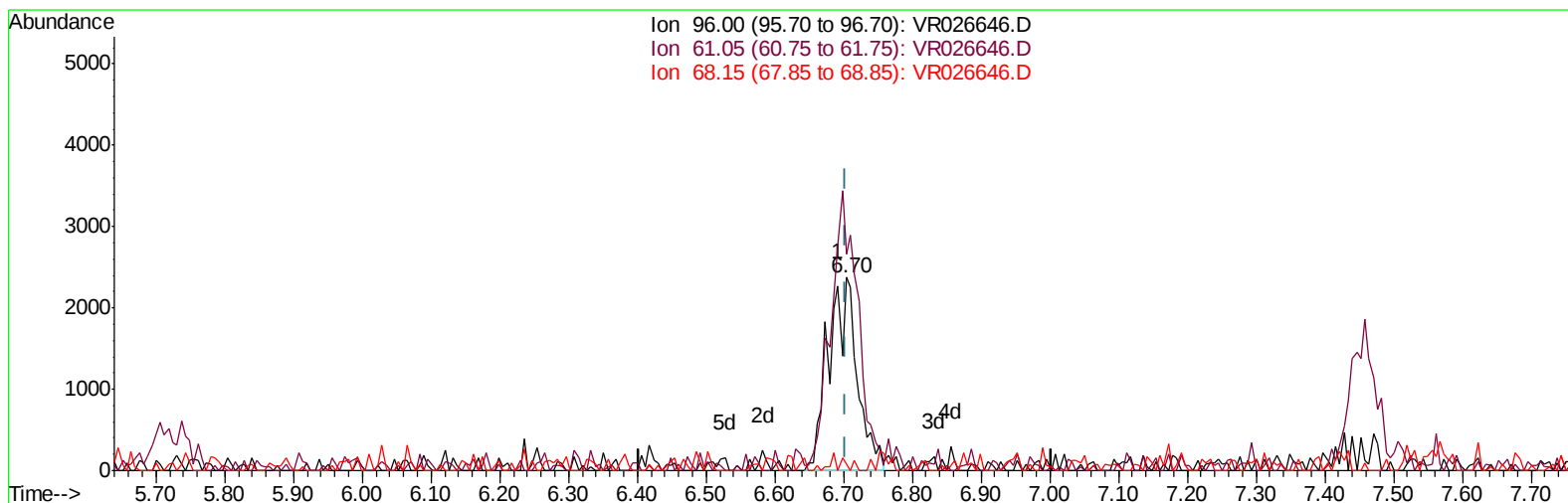
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(22) cis-1,2-Dichloroethene (T)

6.704min (+0.000) 0.26ug/L m

response 7029

Ion	Exp%	Act%
96.00	100	100
61.05	136.30	112.27
68.15	0.00	3.41#
0.00	0.00	0.00

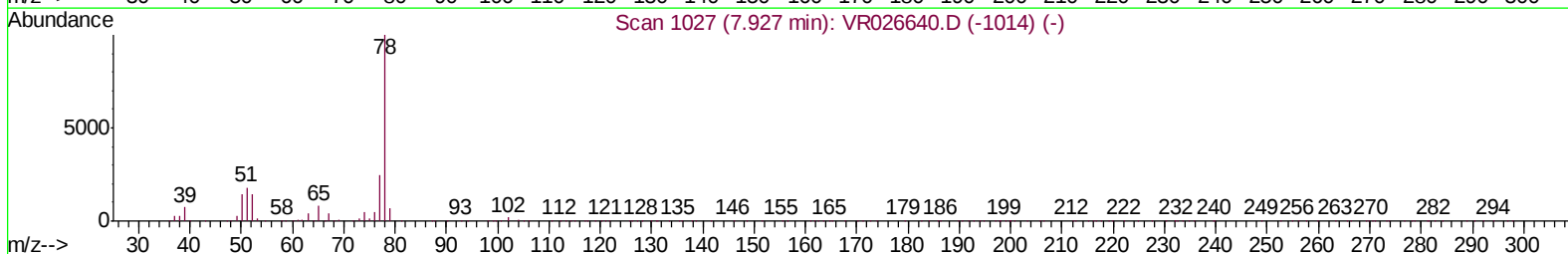
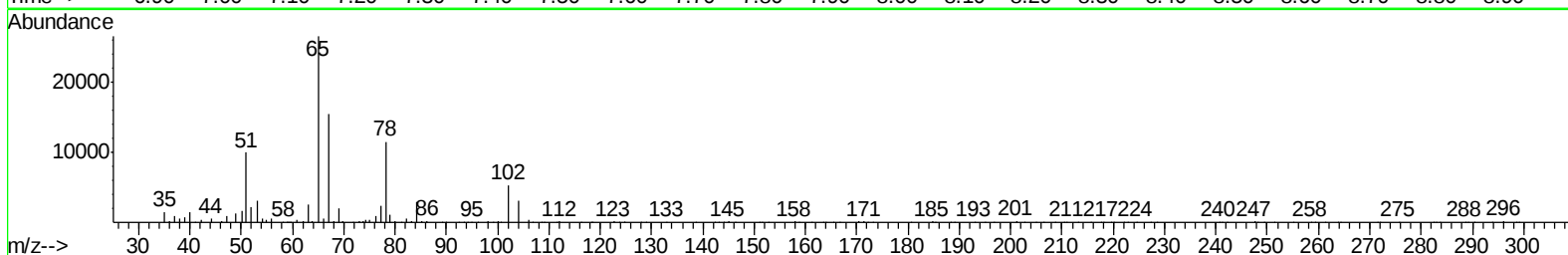
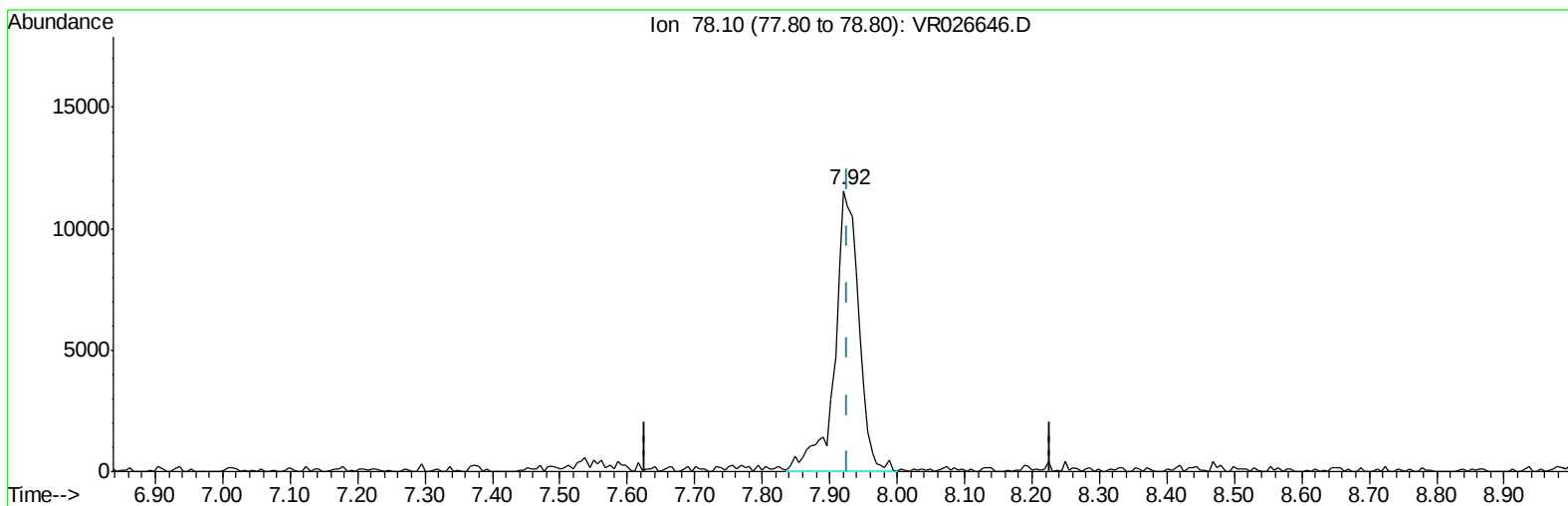
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(33) Benzene (T)

7.921min (-0.006) 0.26ug/L

response 28688

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

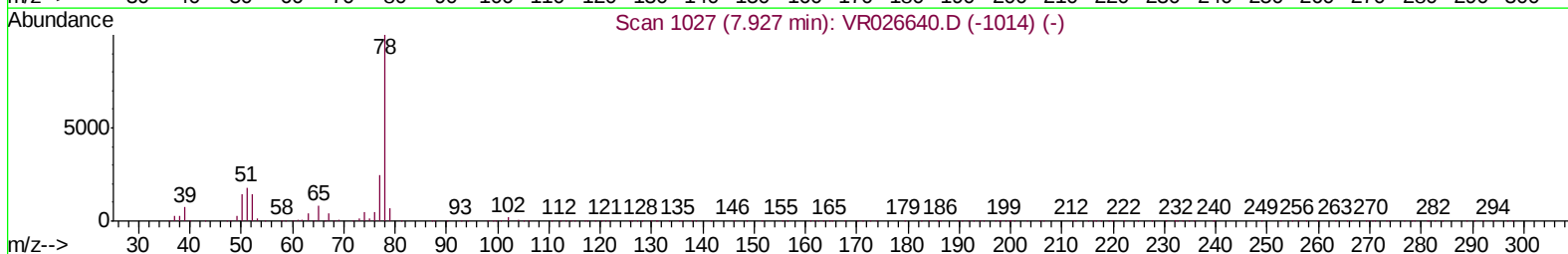
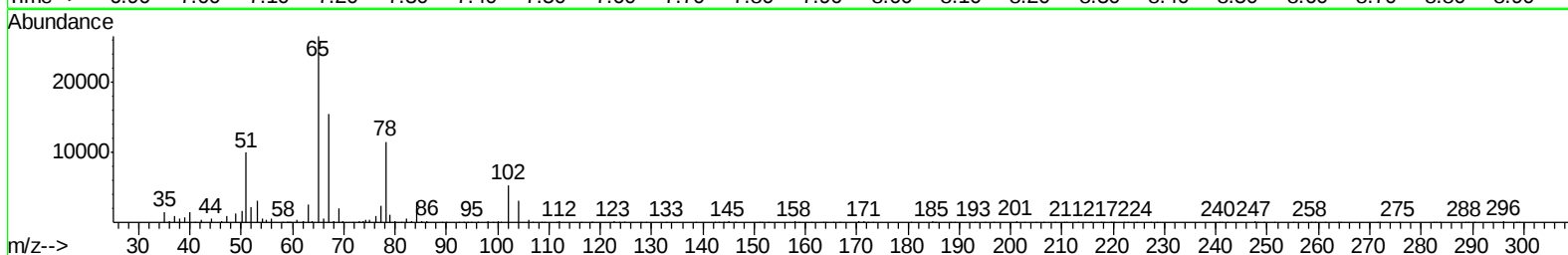
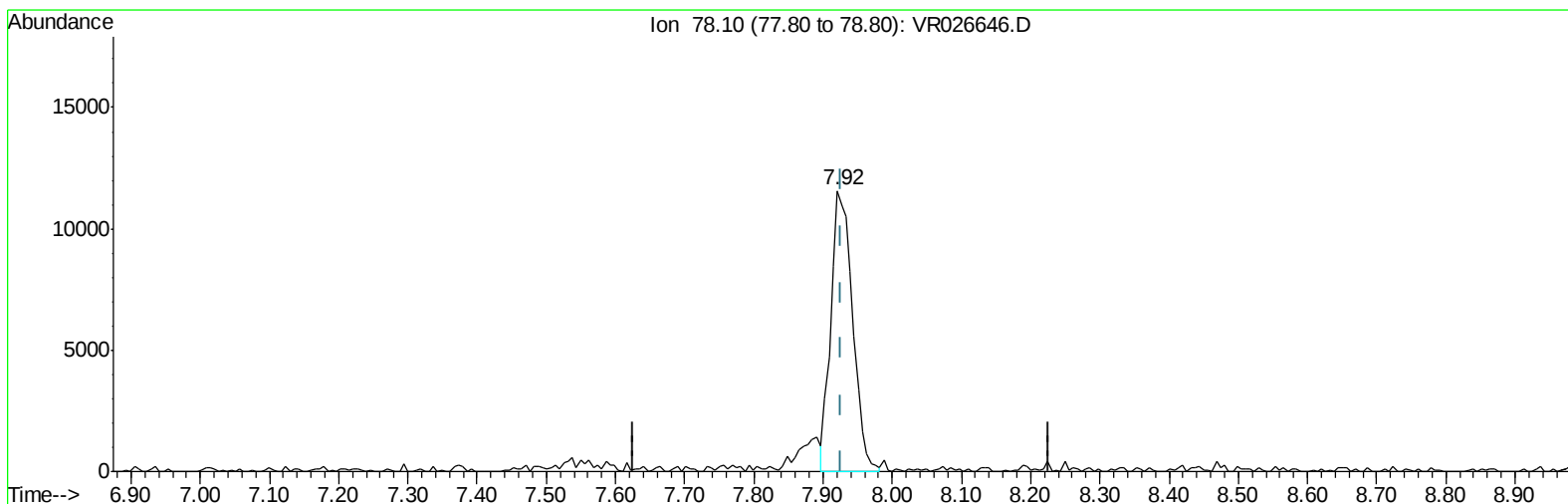
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(33) Benzene (T)

7.921min (-0.006) 0.23ug/L m

response 25380

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

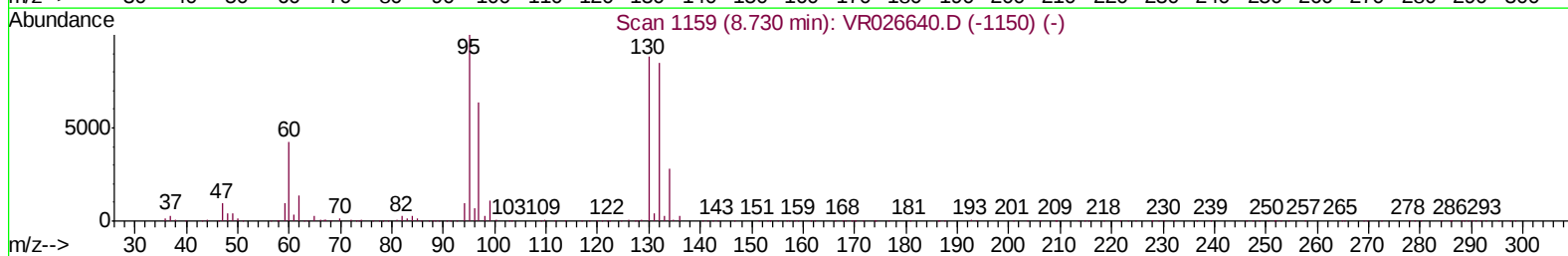
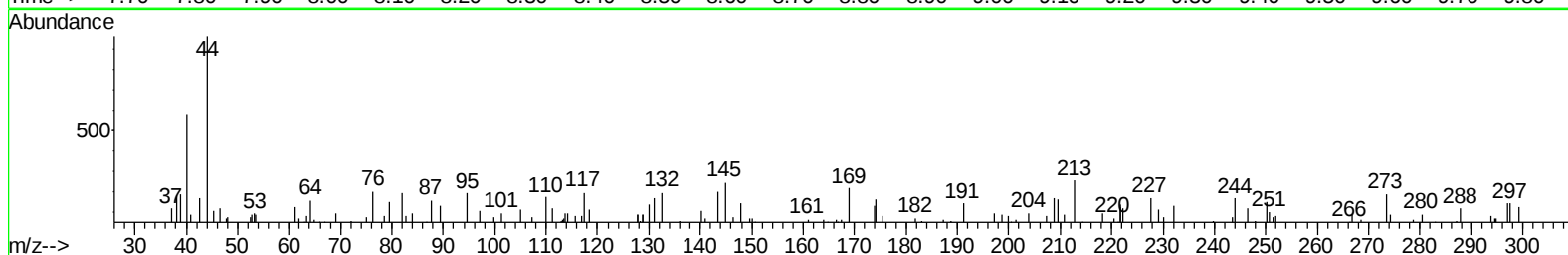
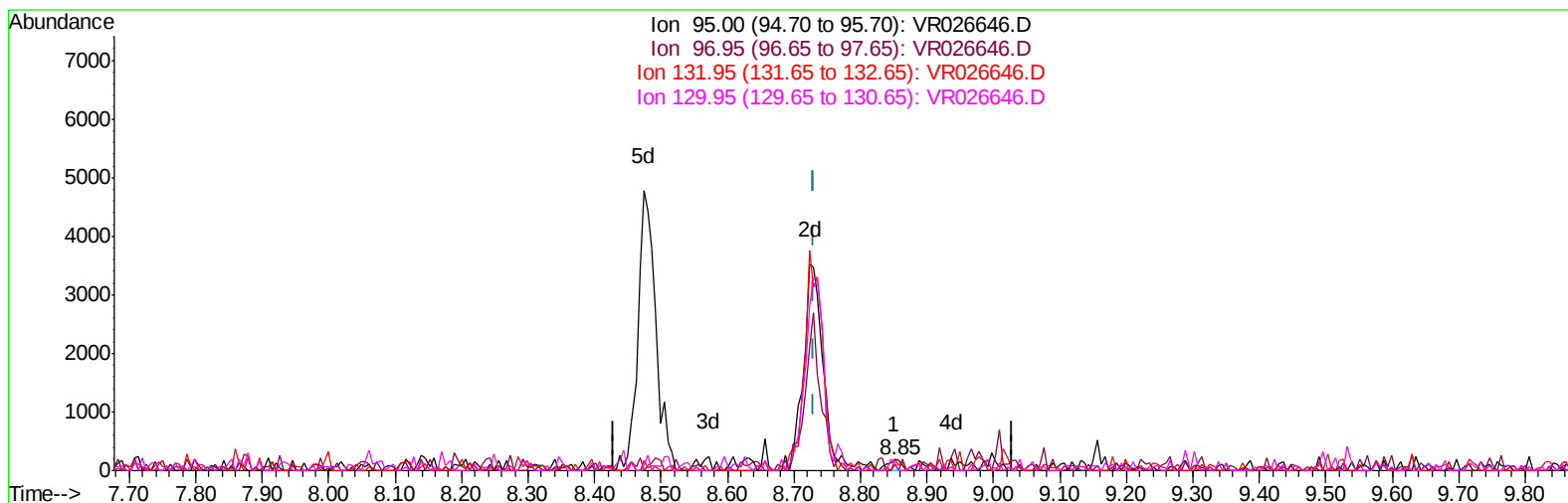
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(34) Trichloroethene (T)

8.851min (+0.122) 0.01ug/L

response 282

Ion	Exp%	Act%
95.00	100	100
96.95	65.10	54.17
131.95	81.90	101.04
129.95	85.80	71.35

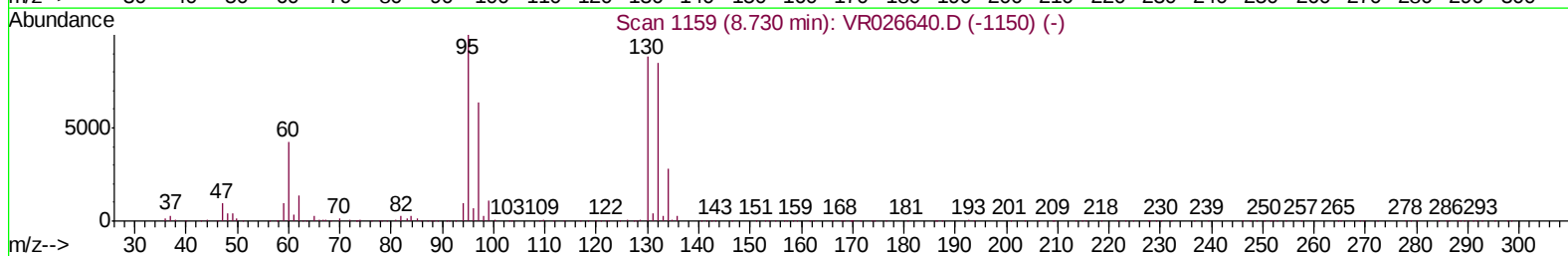
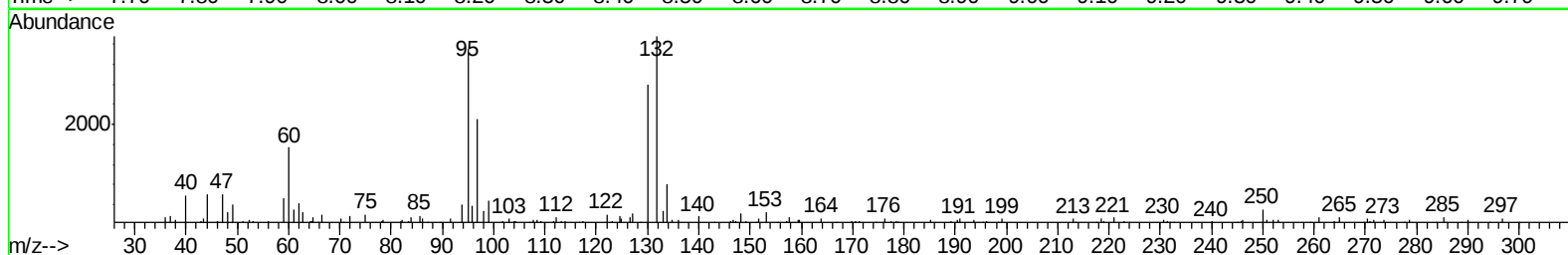
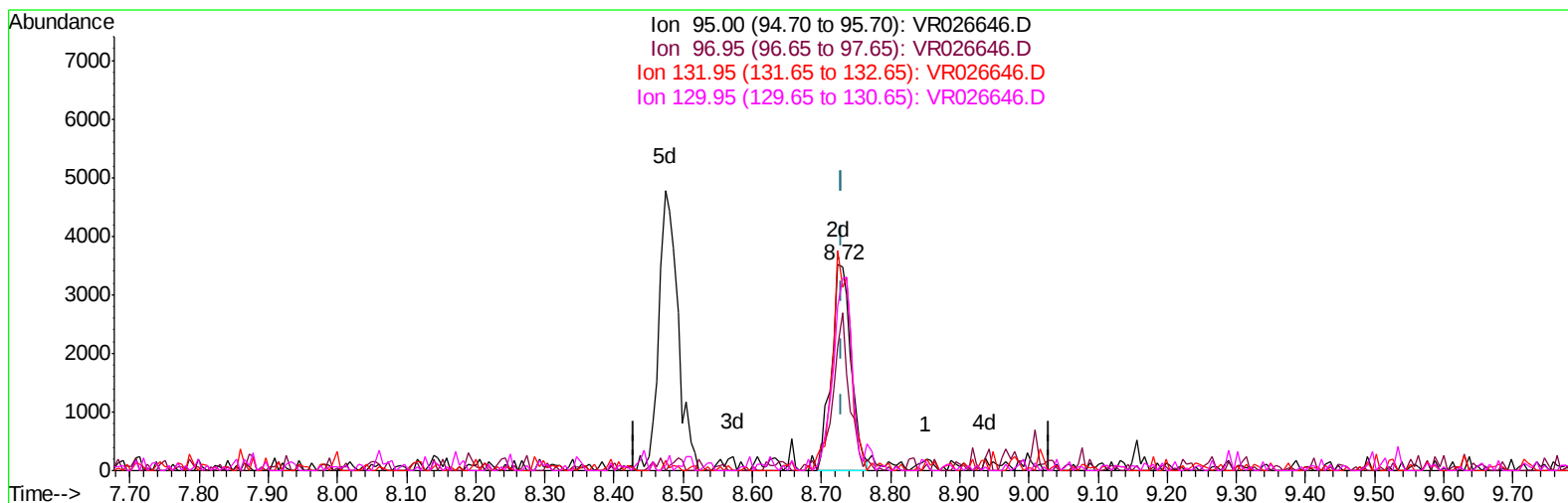
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(34) Trichloroethene (T)

8.724min (-0.006) 0.26ug/L m

response 6945

Ion	Exp%	Act%
95.00	100	100
96.95	65.10	60.14
131.95	81.90	107.04#
129.95	85.80	79.60

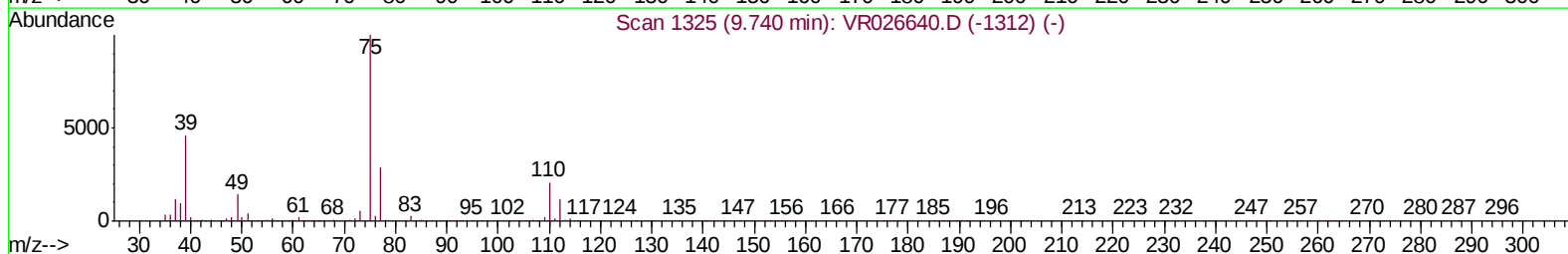
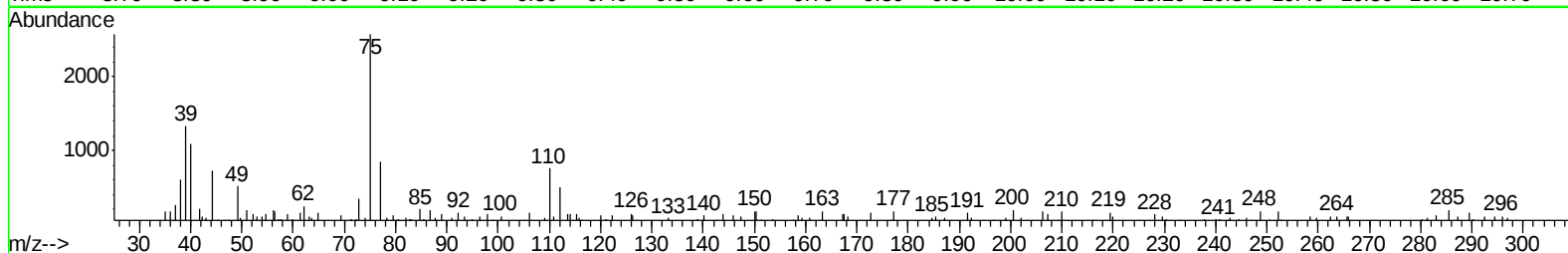
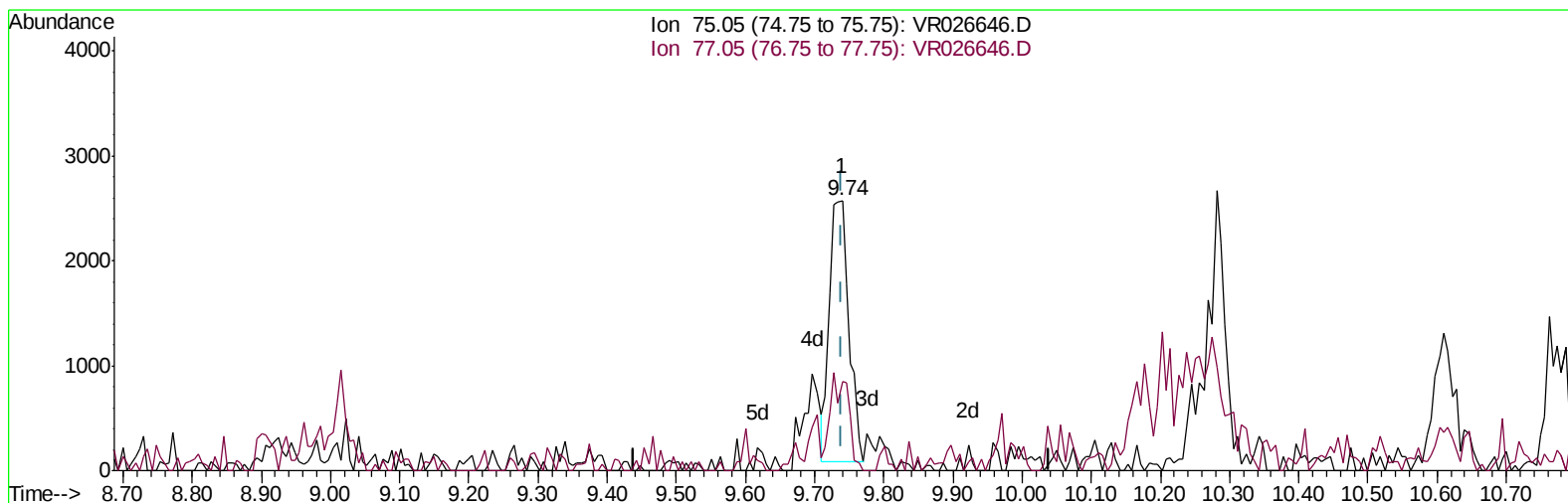
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(39) cis-1,3-Dichloropropene (T)

9.740min (+0.000) 0.21ug/L

response 4865

Ion	Exp%	Act%
75.05	100	100
77.05	31.20	32.85
0.00	0.00	0.00
0.00	0.00	0.00

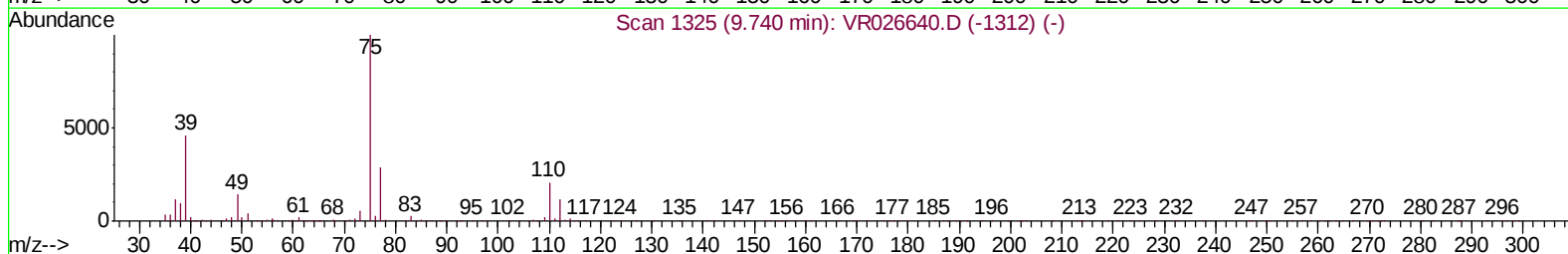
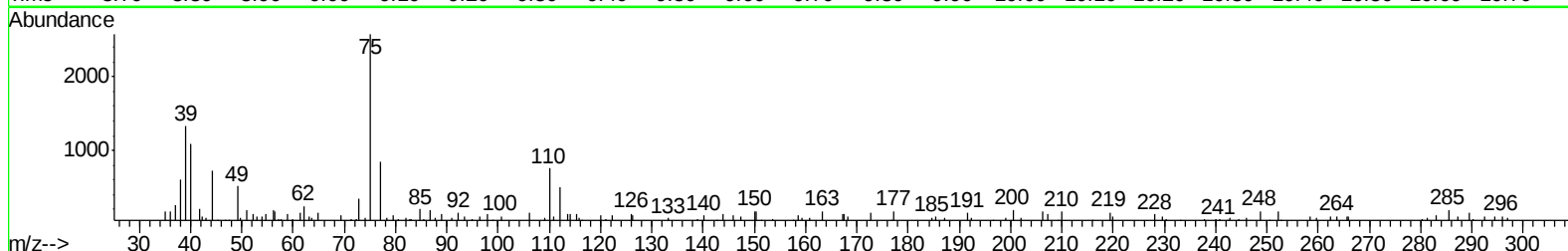
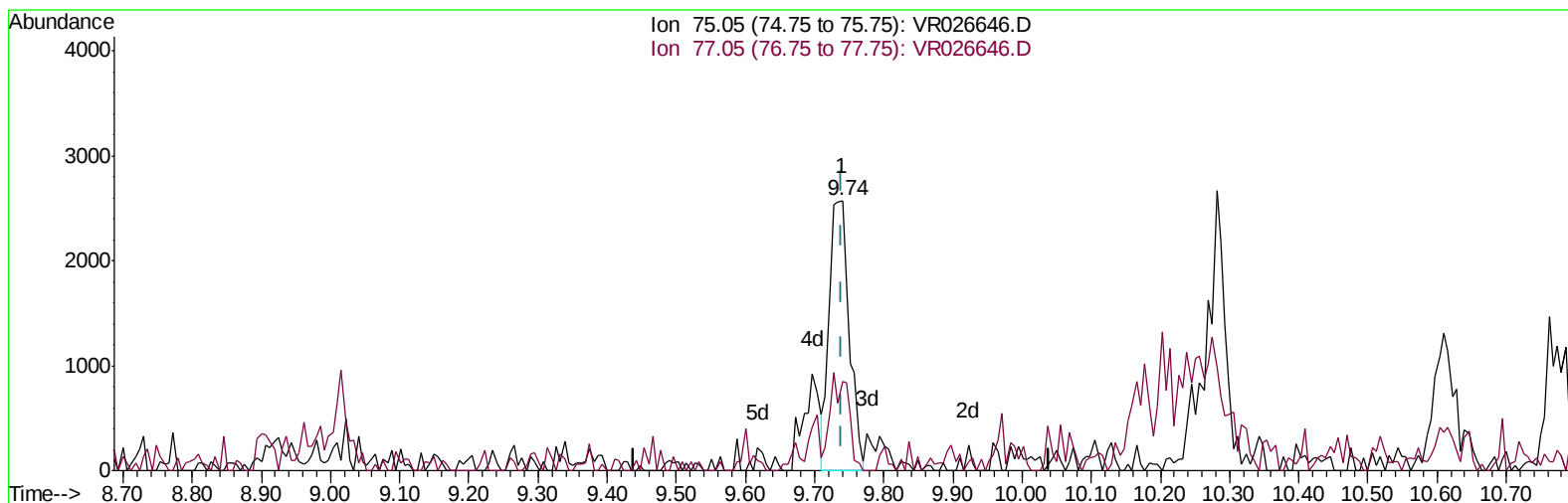
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(39) cis-1,3-Dichloropropene (T)

9.740min (+0.000) 0.22ug/L m

response 5175

Ion	Exp%	Act%
75.05	100	100
77.05	31.20	32.85
0.00	0.00	0.00
0.00	0.00	0.00

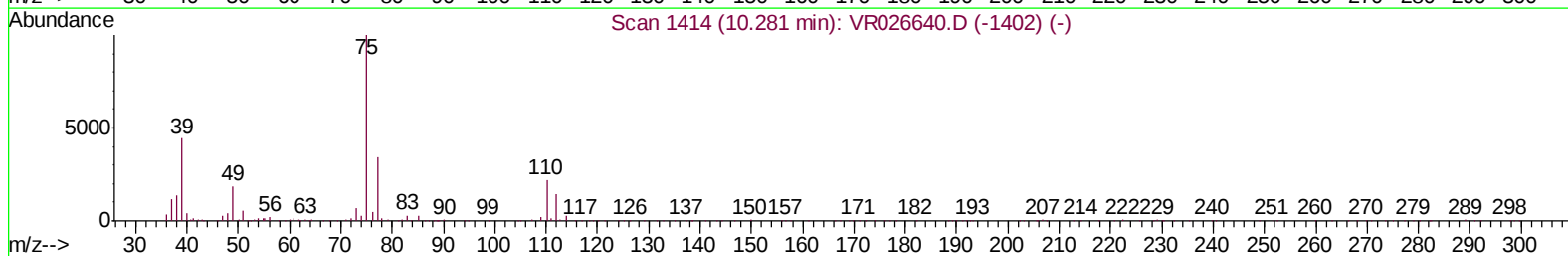
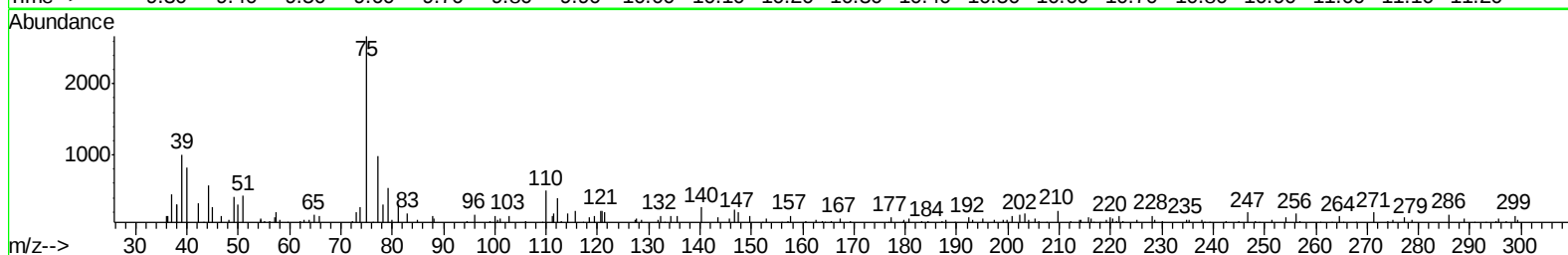
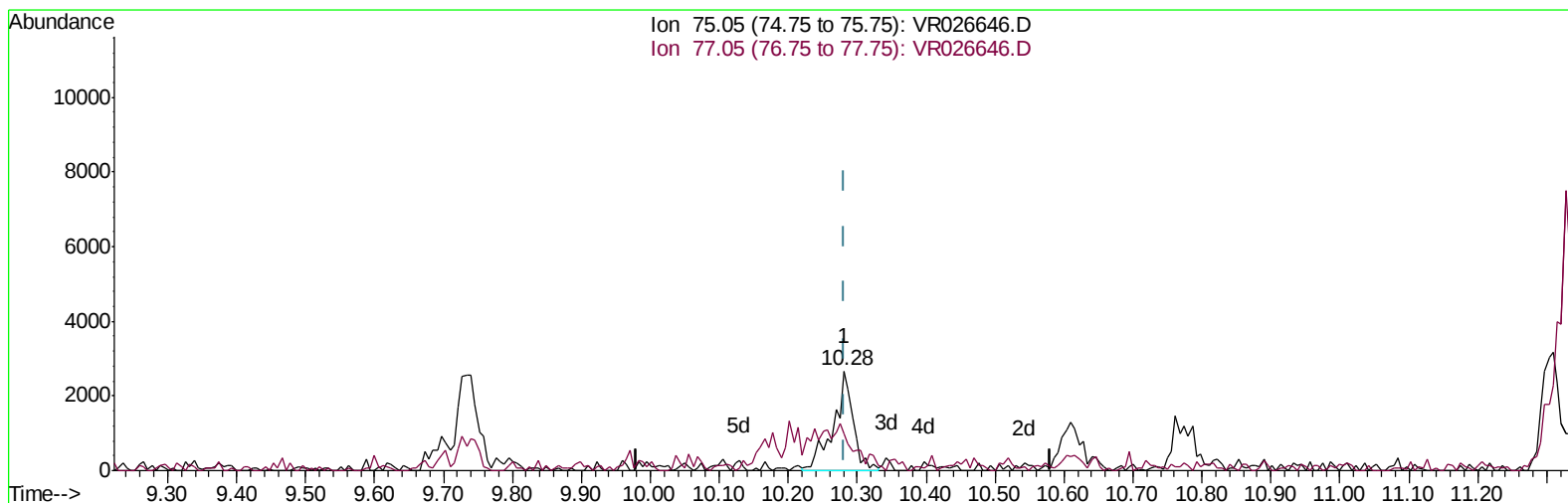
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

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

10.281min (+0.000) 0.35ug/L

response 5297

Ion	Exp%	Act%
75.05	100	100
77.05	33.00	36.67
0.00	0.00	0.00
0.00	0.00	0.00

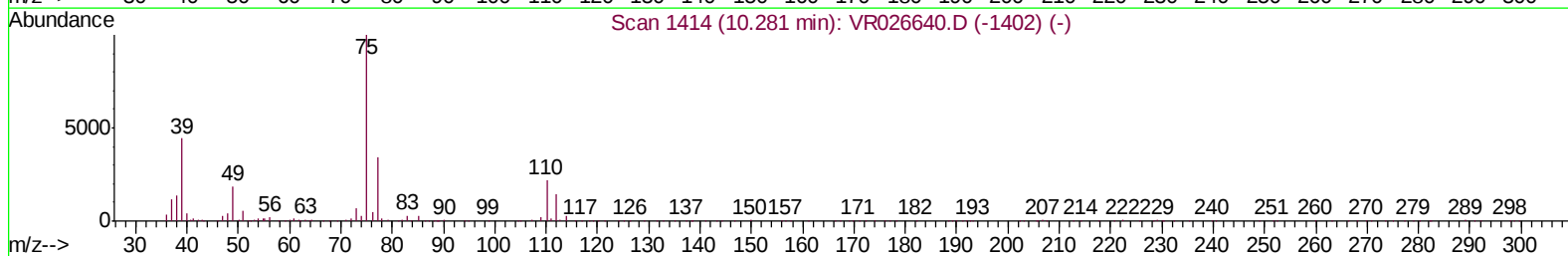
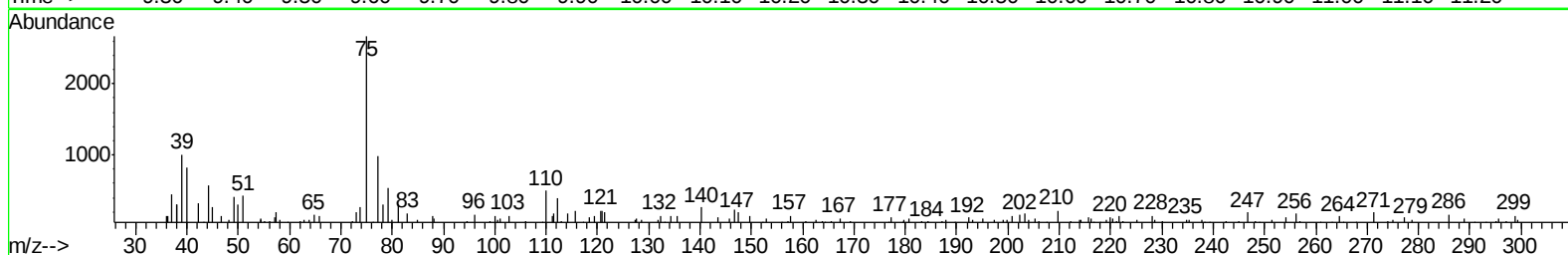
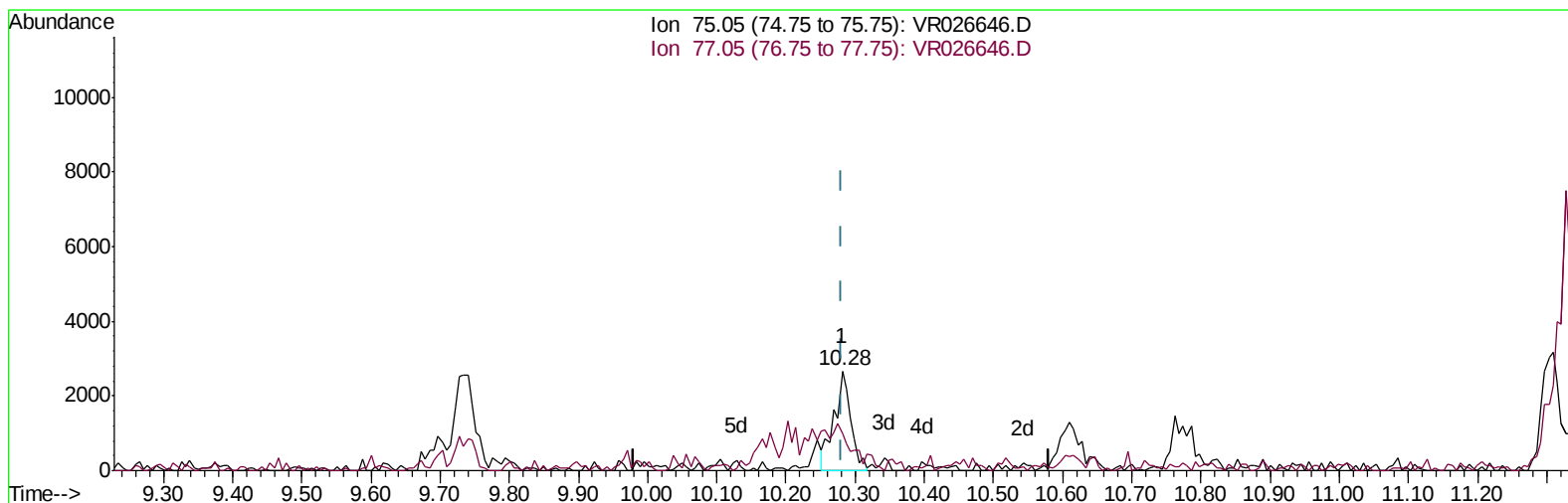
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

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

10.281min (+0.000) 0.30ug/L m

response 4488

Ion	Exp%	Act%
75.05	100	100
77.05	33.00	36.67
0.00	0.00	0.00
0.00	0.00	0.00

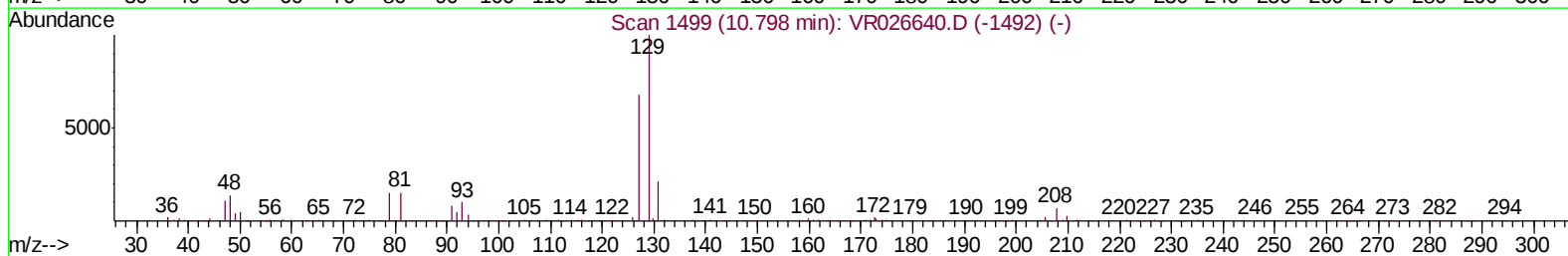
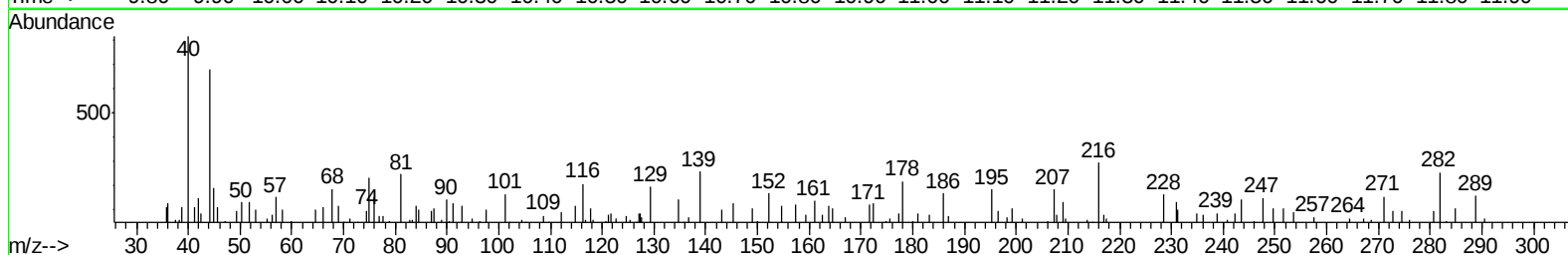
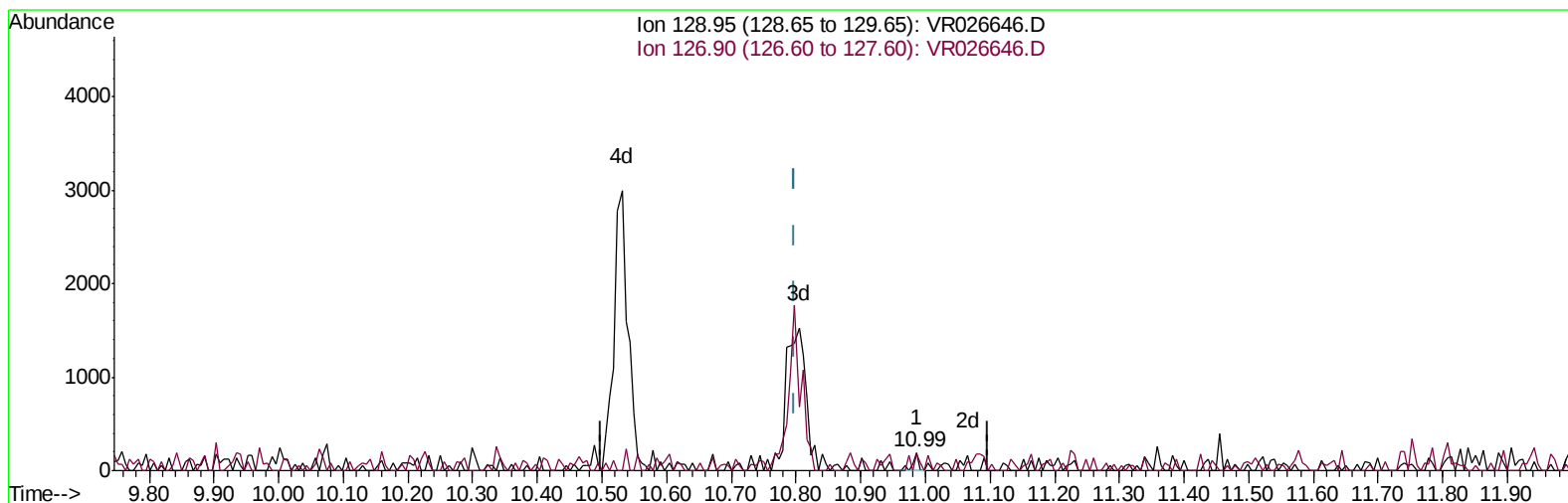
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(49) Dibromochloromethane (T)

10.987min (+0.189) 0.01ug/L

response 118

Ion	Exp%	Act%
128.95	100	100
126.90	81.50	88.14
0.00	0.00	0.00
0.00	0.00	0.00

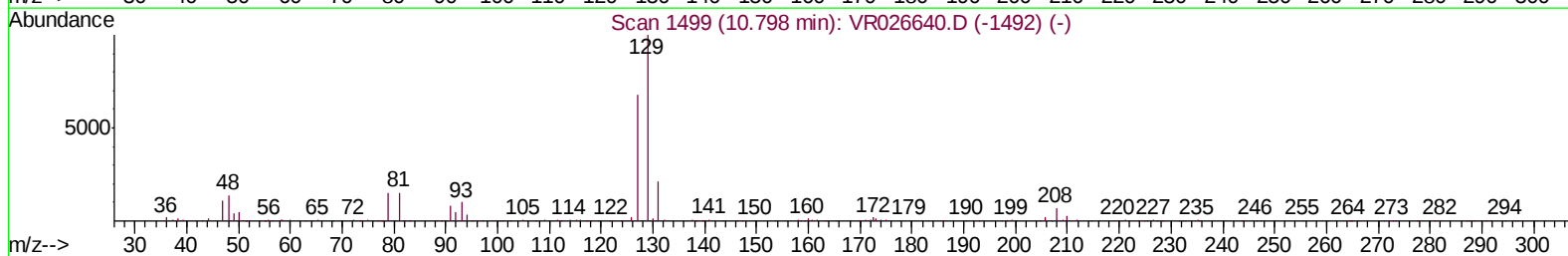
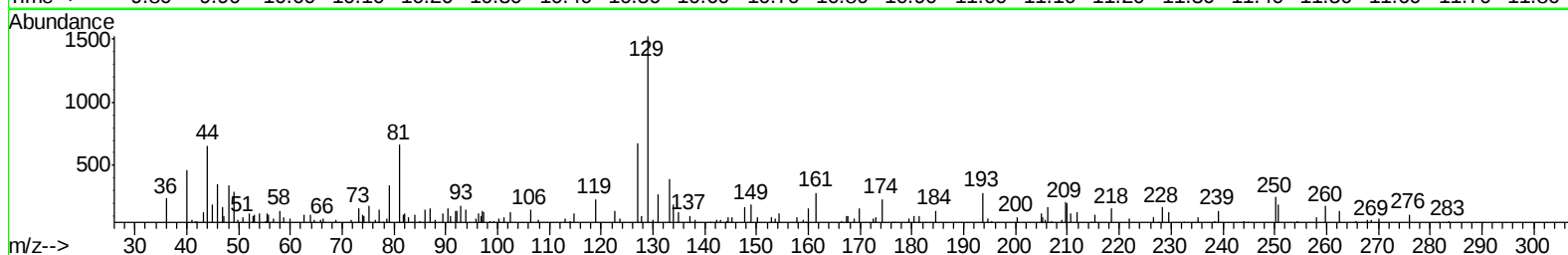
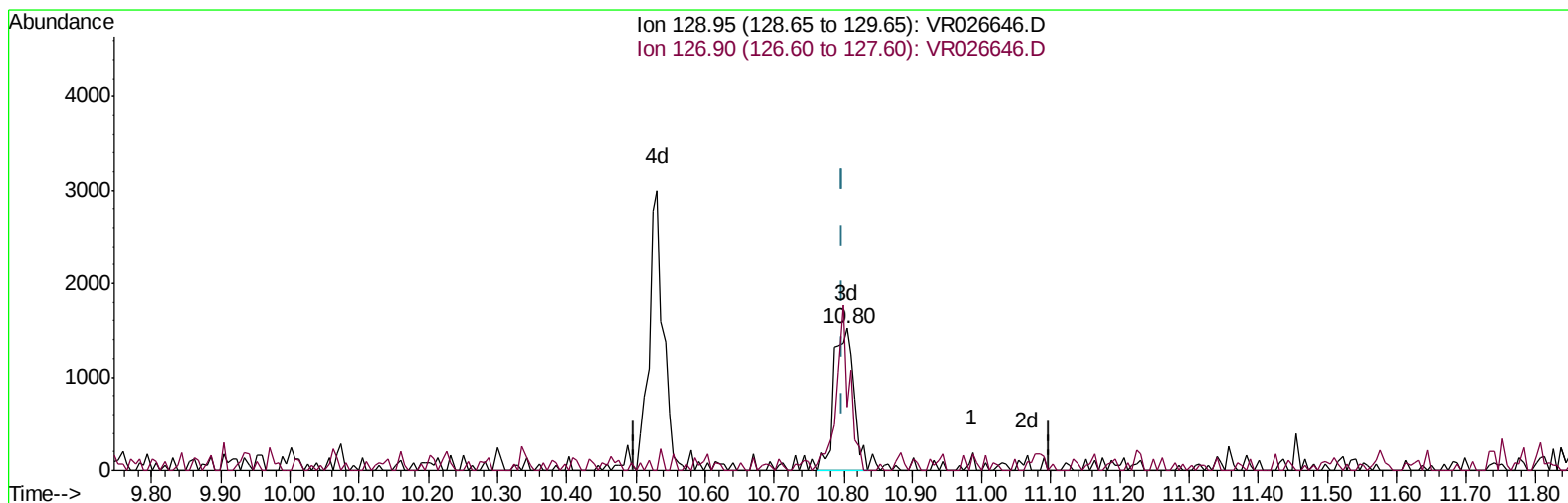
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(49) Dibromochloromethane (T)

10.804min (+0.006) 0.30ug/L m

response 3103

Ion	Exp%	Act%
128.95	100	100
126.90	81.50	44.42#
0.00	0.00	0.00
0.00	0.00	0.00

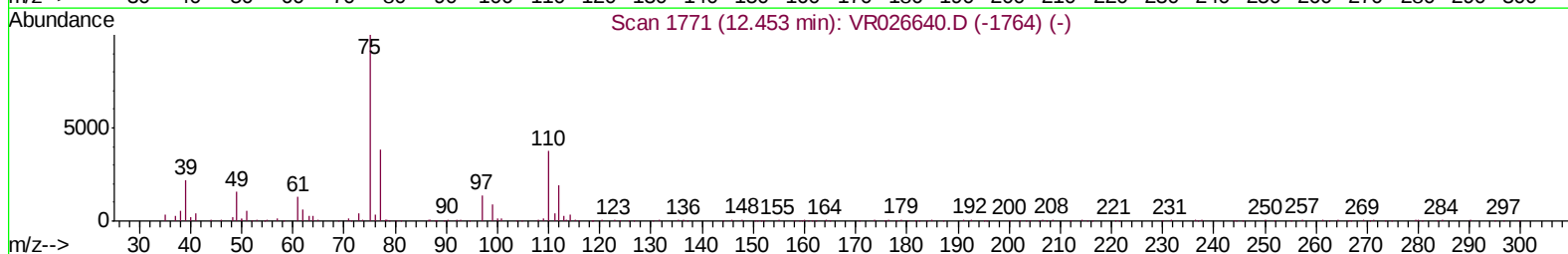
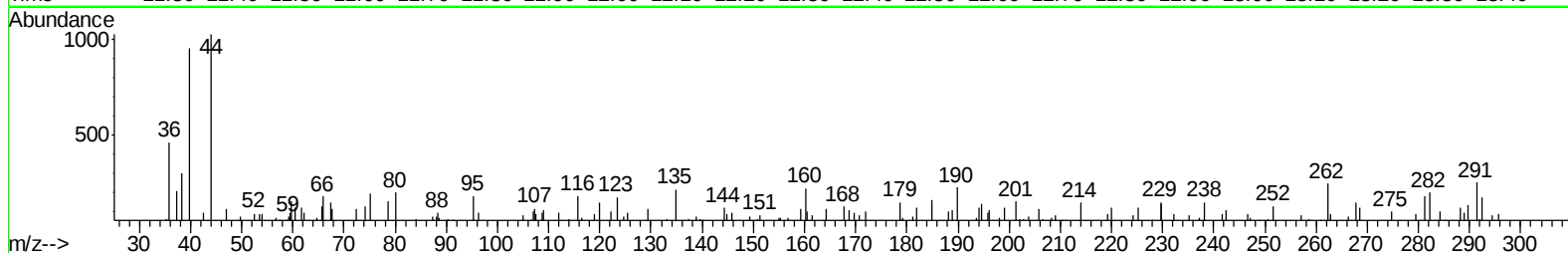
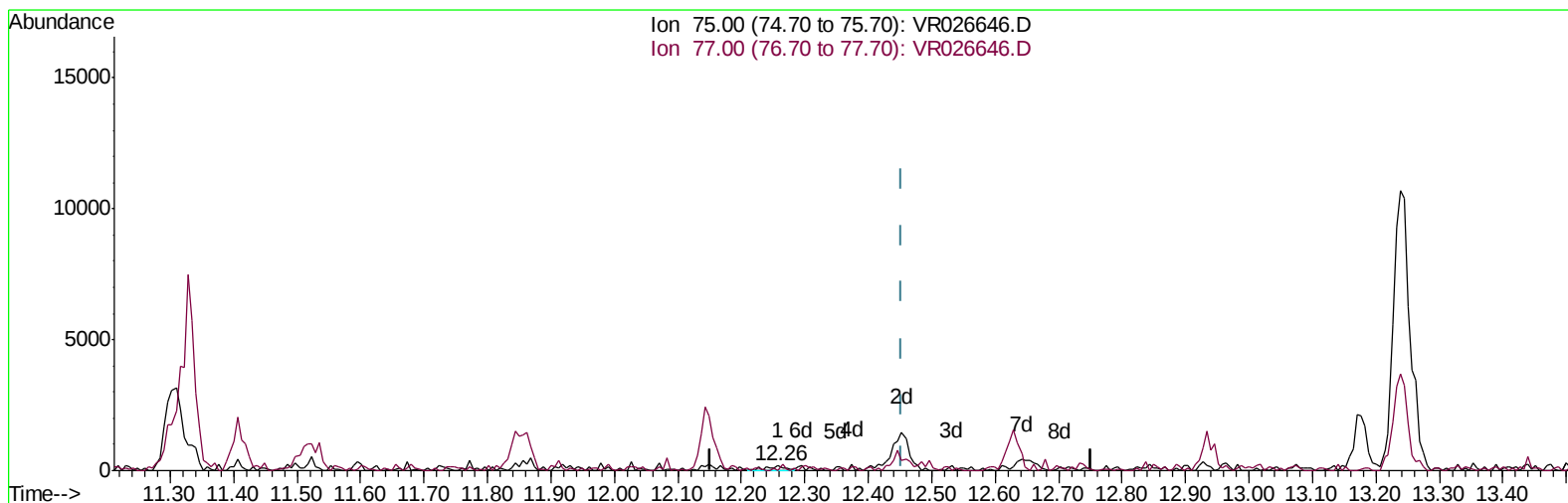
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(59) 1,2,3-Trichloropropane

12.258min (-0.195) 0.05ug/L

response 369

Ion	Exp%	Act%
75.00	100	100
77.00	32.20	37.40
0.00	0.00	0.00
0.00	0.00	0.00

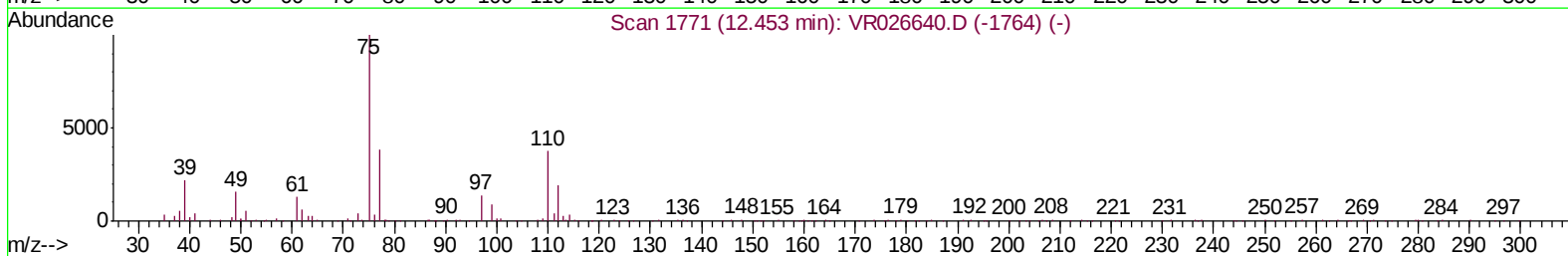
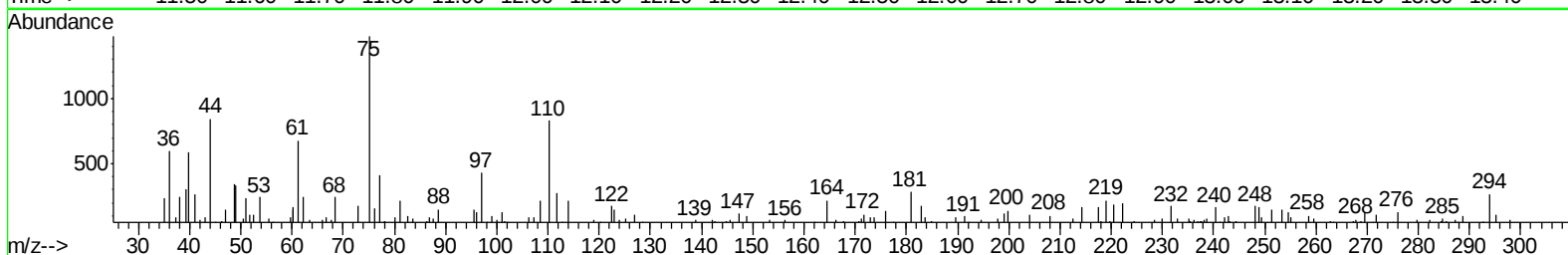
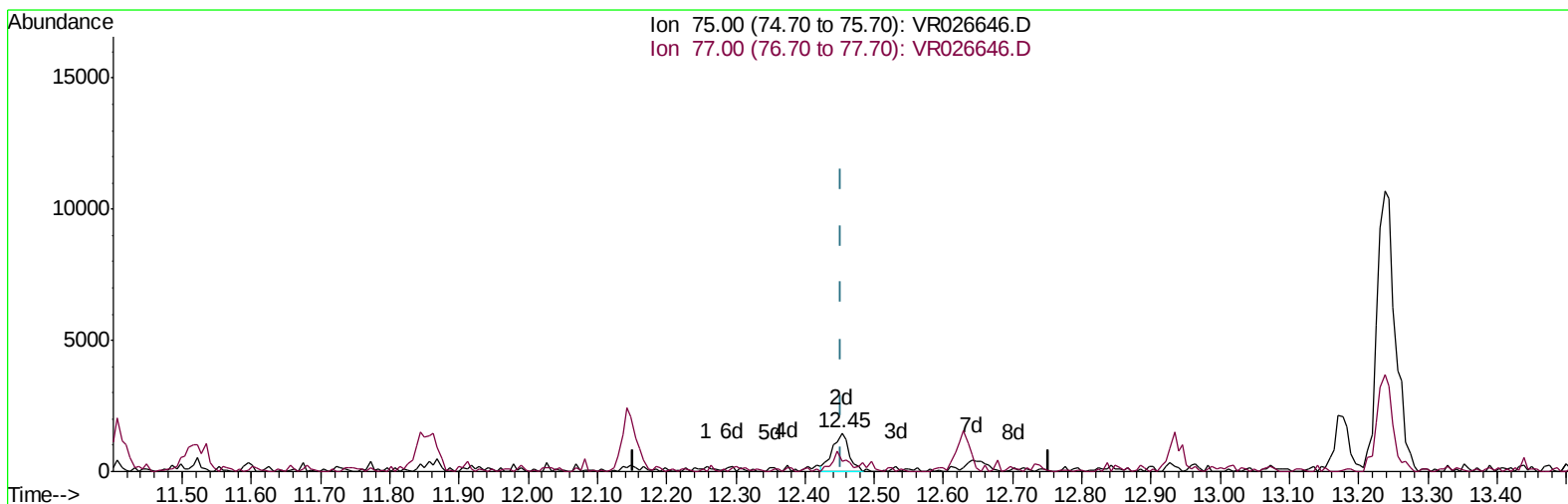
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(59) 1,2,3-Trichloropropane

12.453min (+0.000) 0.31ug/L m

response 2455

Ion	Exp%	Act%
75.00	100	100
77.00	32.20	5.62#
0.00	0.00	0.00
0.00	0.00	0.00

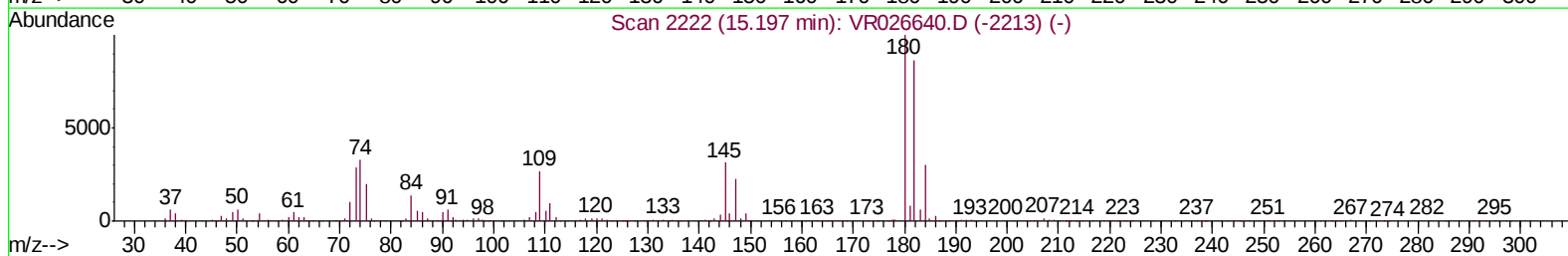
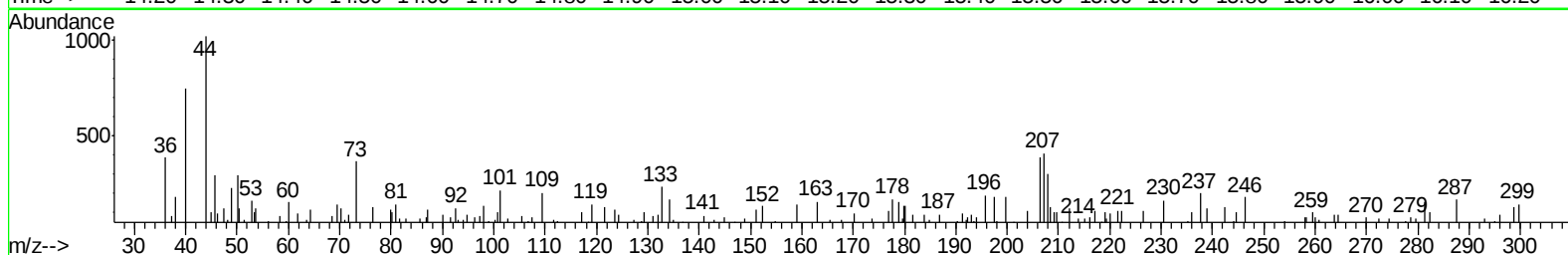
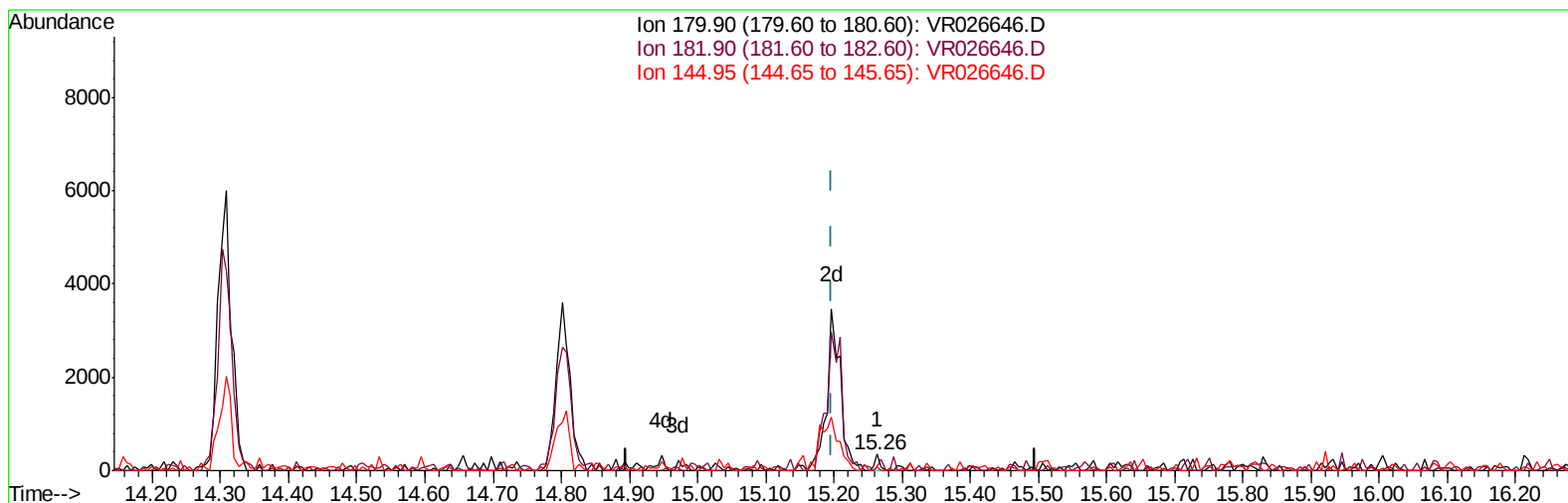
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:41:58 AM

Quant Time: Sep 18 07:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration



TIC: VR026646.D

(70) 1,2,3-Trichlorobenzene (T)

15.264min (+0.067) 0.01ug/L

response 193

Ion	Exp%	Act%
179.90	100	100
181.90	95.30	79.27
144.95	35.70	39.90
0.00	0.00	0.00

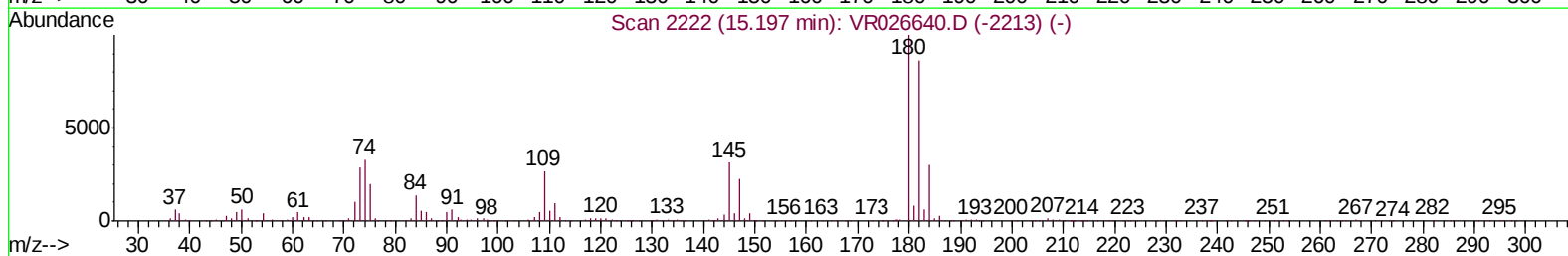
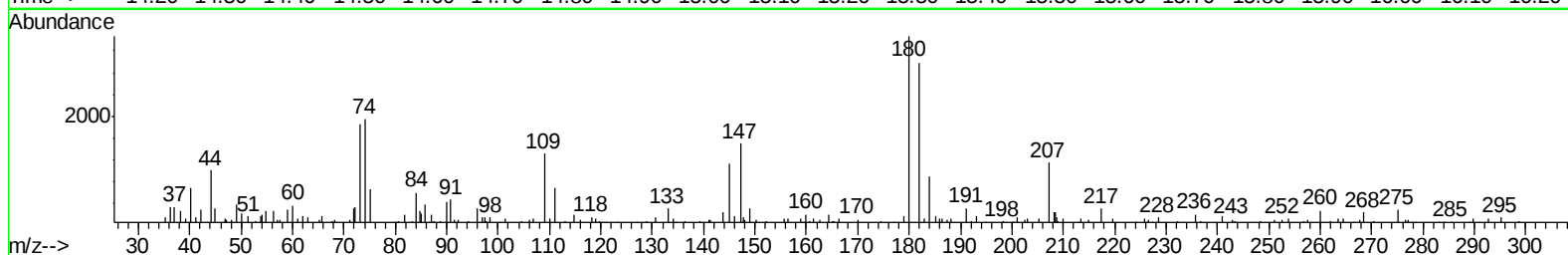
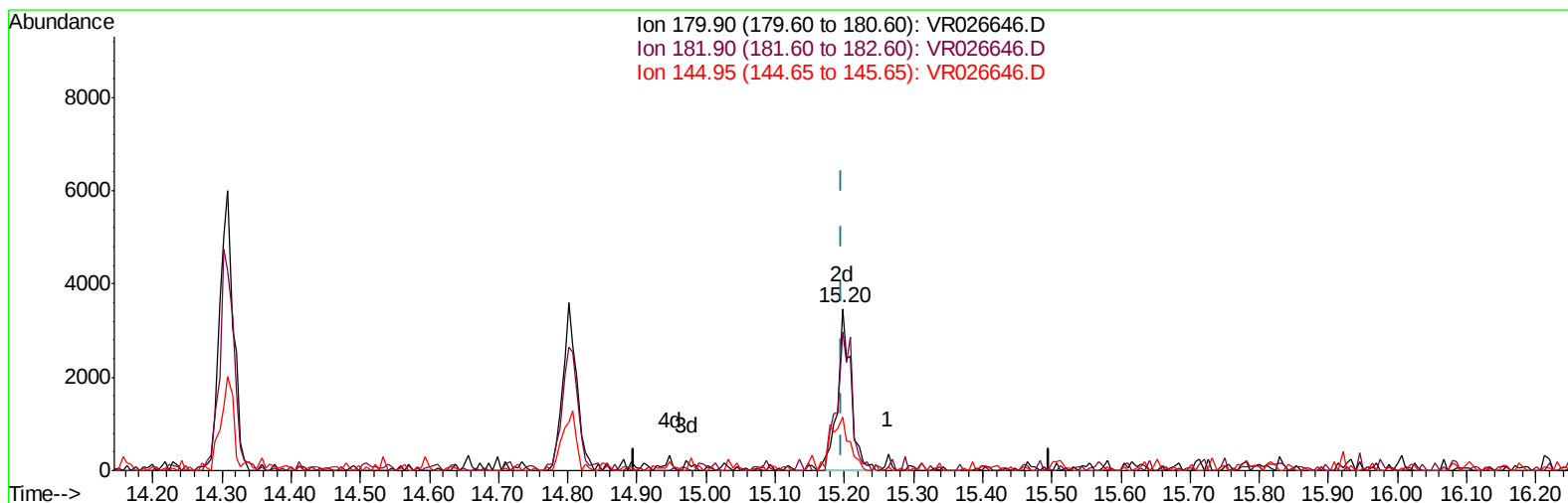
Data File : VR026646.D
Acq On : 17 Sep 2019 18:46
Operator : SY/MD
Sample : MDL06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VR026646.D

(70) 1,2,3-Trichlorobenzene (T)

15.197min (+0.000) 0.24ug/L m

response 4772

Ion	Exp%	Act%
179.90	100	100
181.90	95.30	3.21#
144.95	35.70	1.61#
0.00	0.00	0.00

Data File : VR026646.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	300266	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	244791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	109308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	48009	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	2.63	69	45359	6.22	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.40%
11) 1,1-Dichloroethene-d2	3.64	63	88743	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	6.62	46	85350	47.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.40%
24) Chloroform-d	7.22	84	164827	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	7.92	65	58705	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	7.88	84	310643	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	8.92	67	83712	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	9.99	98	214404	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.25	79	16190	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	10.61	63	56057	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	44847	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	13.53	152	65264	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	10621	0.313 ug/L	95
3) Chloromethane	2.06	50	5101m	0.288 ug/L	
5) Vinyl chloride	2.19	62	4600	0.259 ug/L #	61
6) Bromomethane	2.55	94	3513m	0.315 ug/L	
8) Chloroethane	2.68	64	2407m	0.235 ug/L	
9) Trichlorofluoromethane	2.96	101	10074m	0.328 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	4164m	0.309 ug/L	
12) 1,1-Dichloroethene	3.66	96	4653	0.351 ug/L #	1
13) Acetone	3.73	43	4638	3.447 ug/L	83
14) Carbon disulfide	3.98	76	9979	0.176 ug/L #	76
15) Methyl Acetate	4.25	43	1417m	0.251 ug/L	
16) Methylene chloride	4.43	84	10282m	0.373 ug/L	
17) Methyl tert-butyl Ether	4.92	73	6642	0.232 ug/L #	90
18) trans-1,2-Dichloroethene	4.91	96	8453	0.305 ug/L	75
19) 1,1-Dichloroethane	5.72	63	12583	0.242 ug/L	98
21) 2-Butanone	6.72	43	6640	2.701 ug/L	82
22) cis-1,2-Dichloroethene	6.70	96	7029m	0.265 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.08	128	2682	0.364	ug/L #	52
25) Chloroform	7.26	83	19715	0.396	ug/L	97
27) 1,2-Dichloroethane	8.02	62	5300	0.303	ug/L	99
29) 1,1,1-Trichloroethane	7.45	97	9462	0.240	ug/L	96
30) Cyclohexane	7.54	56	6356	0.151	ug/L #	84
31) Carbon tetrachloride	7.67	117	8974	0.269	ug/L	98
33) Benzene	7.92	78	25380m	0.234	ug/L	
34) Trichloroethene	8.72	95	6945m	0.257	ug/L	
35) Methylcyclohexane	8.97	83	7662	0.188	ug/L	87
37) 1,2-Dichloropropane	9.02	63	5357	0.244	ug/L	99
38) Bromodichloromethane	9.30	83	6729	0.288	ug/L	83
39) cis-1,3-Dichloropropene	9.74	75	5175m	0.223	ug/L	
40) 4-Methyl-2-pentanone	9.88	43	9891	1.802	ug/L #	86
42) Toluene	10.05	91	24992	0.264	ug/L	94
44) trans-1,3-Dichloropropene	10.28	75	4488m	0.301	ug/L	
45) 1,1,2-Trichloroethane	10.47	97	2629	0.281	ug/L #	68
47) Tetrachloroethene	10.53	164	4819	0.302	ug/L	79
48) 2-Hexanone	10.65	43	9363	2.683	ug/L #	92
49) Dibromochloromethane	10.80	129	3103m	0.305	ug/L	
50) 1,2-Dibromoethane	10.91	107	1967	0.243	ug/L #	91
51) Chlorobenzene	11.33	112	14767	0.268	ug/L	88
52) Ethylbenzene	11.41	91	20560	0.191	ug/L	98
53) m,p-Xylene	11.52	106	6170	0.160	ug/L	83
54) o-Xylene	11.84	106	6456	0.170	ug/L	84
55) Styrene	11.86	104	9215	0.169	ug/L #	76
56) Isopropylbenzene	12.15	105	17662	0.165	ug/L #	94
58) 1,1,2,2-Tetrachloroethane	12.40	83	3180	0.294	ug/L #	75
59) 1,2,3-Trichloropropane	12.45	75	2455m	0.309	ug/L	
61) Bromoform	12.03	173	1516	0.355	ug/L #	86
62) 1,3-Dichlorobenzene	13.18	146	8576	0.221	ug/L	88
63) 1,4-Dichlorobenzene	13.26	146	10326	0.267	ug/L	93
65) 1,2-Dichlorobenzene	13.55	146	10139	0.308	ug/L #	92
66) 1,2-Dibromo-3-chloropropan	14.17	75	368	0.224	ug/L	88
67) 1,3,5-Trichlorobenzene	14.31	180	8323	0.264	ug/L	90
68) 1,2,4-trichlorobenzene	14.80	180	5224	0.235	ug/L	93
69) Naphthalene	15.02	128	4425	0.150	ug/L #	79
70) 1,2,3-Trichlorobenzene	15.20	180	4772m	0.243	ug/L	

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

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