

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003978.D
 Acq On : 10 Aug 2018 15:50
 Operator : JC/MD
 Sample : J4379-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Quant Time: Aug 13 10:50:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

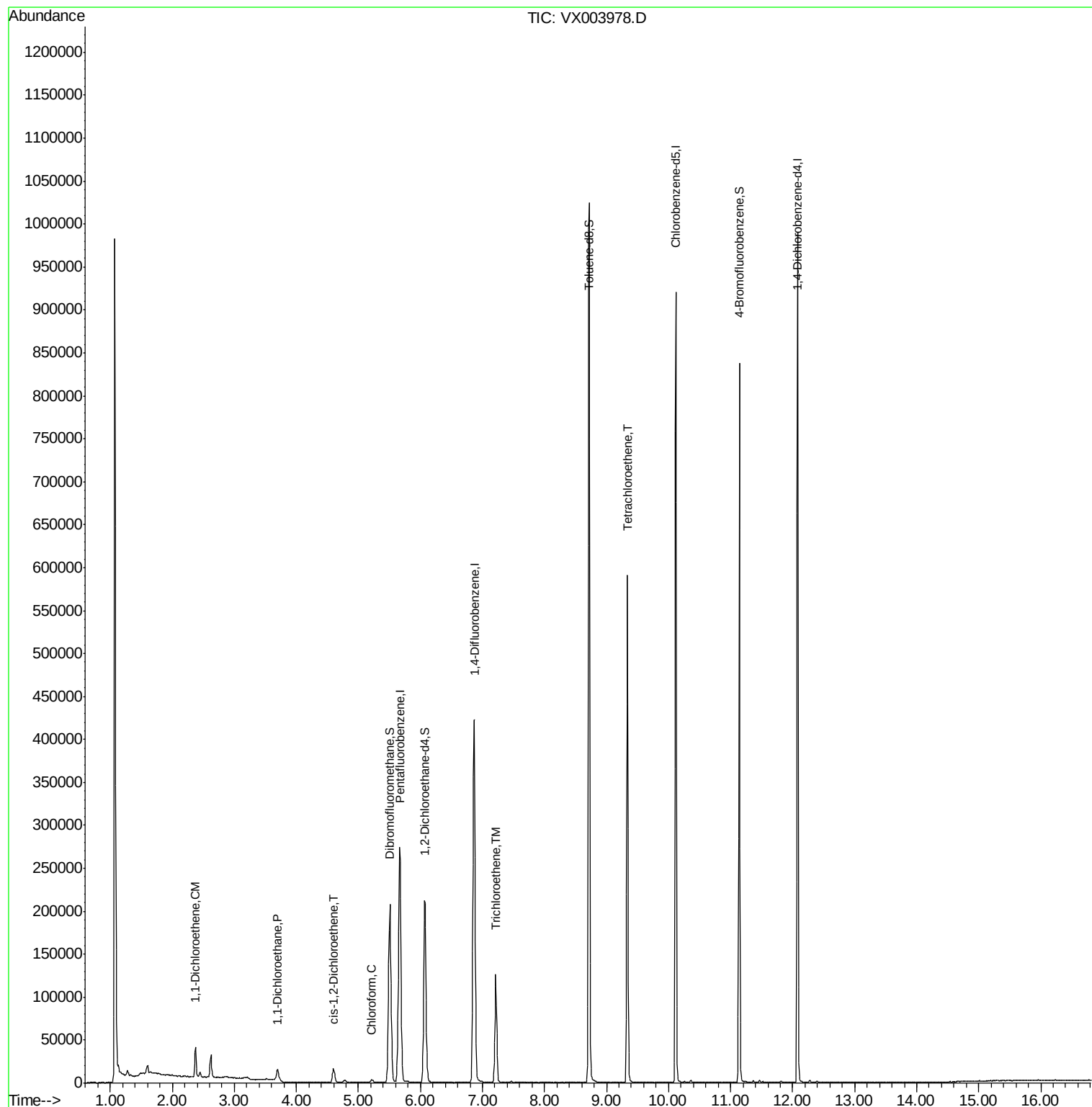
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	437702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198467	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	5.51	113	171282	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	8.72	98	613317	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.14	95	210762	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	11838	3.96	ug/l	96
24) 1,1-Dichloroethane	3.70	63	13299	2.11	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	10260	2.78	ug/l	96
30) Chloroform	5.21	83	3342	0.56	ug/l	93
44) Trichloroethene	7.21	130	49983	12.42	ug/l	92
64) Tetrachloroethene	9.34	164	118149	28.90	ug/l	94

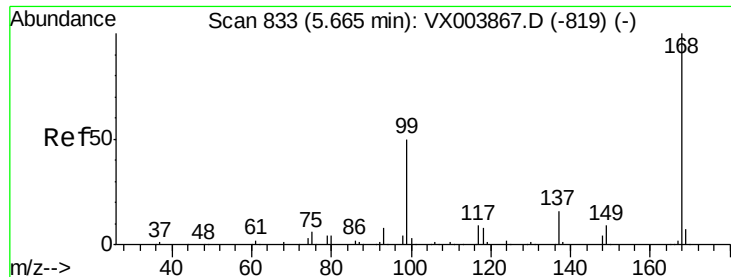
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-101I

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

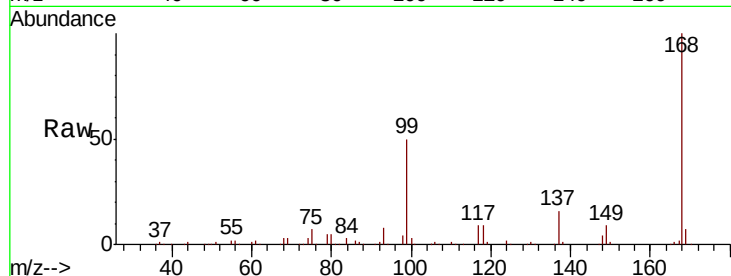
MW-101I

Tot Ion:168 Resp: 278859

Ion Ratio Lower Upper

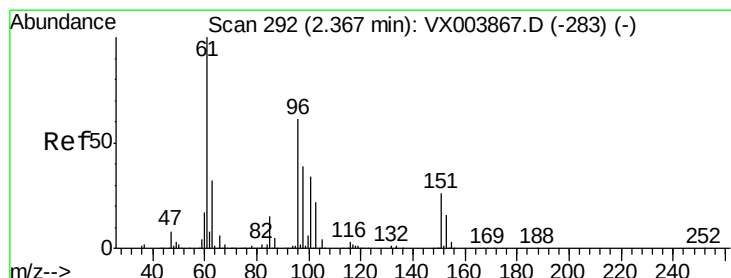
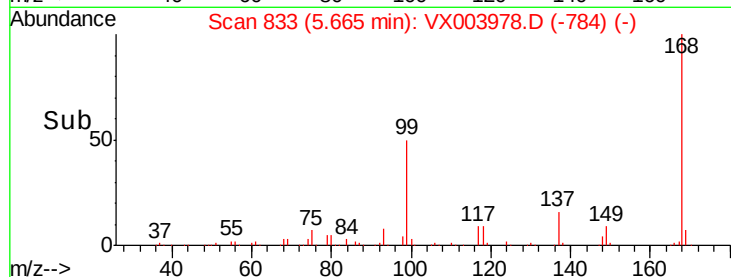
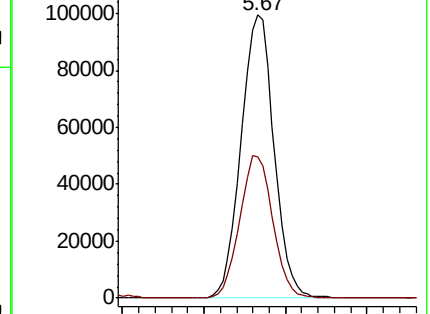
168 100

99 49.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 3.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

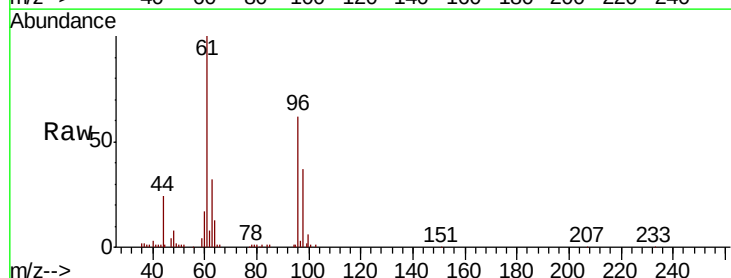
Tgt Ion: 96 Resp: 11838

Ion Ratio Lower Upper

96 100

61 160.4 131.3 196.9

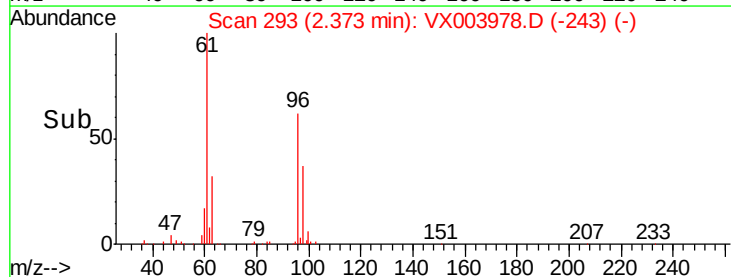
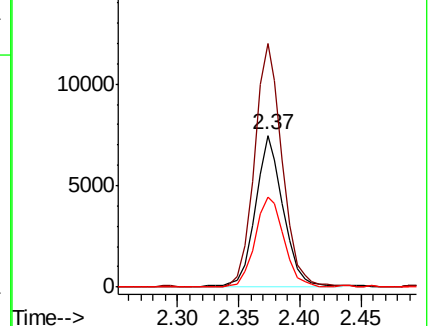
98 59.2 51.8 77.6

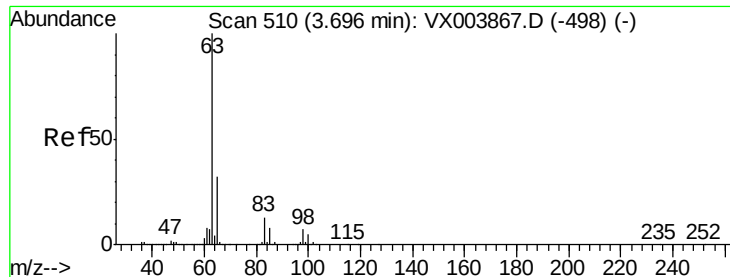


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 2.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

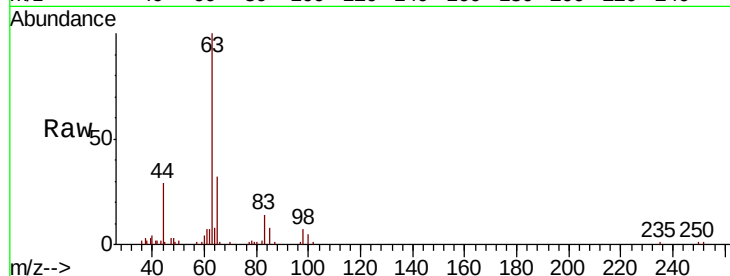
Tot Ion: 63 Resp: 13299

Ion Ratio Lower Upper

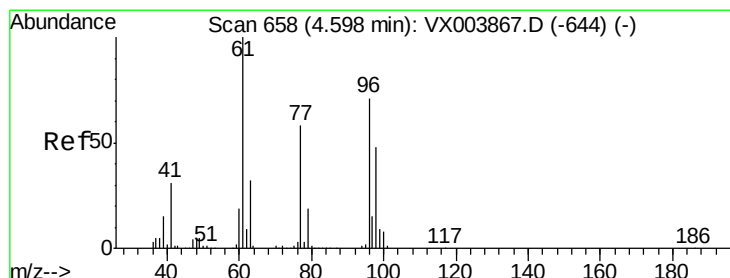
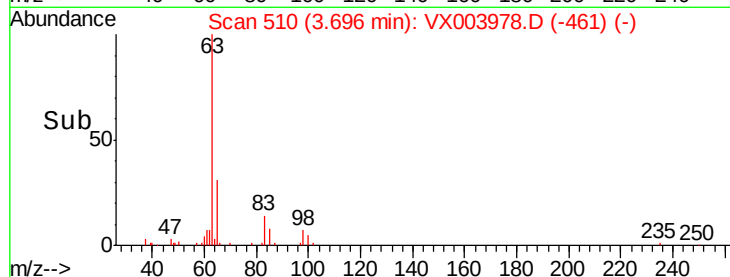
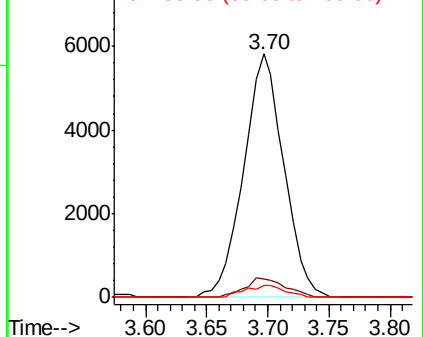
63 100

98 7.4 3.5 10.5

100 5.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.78 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

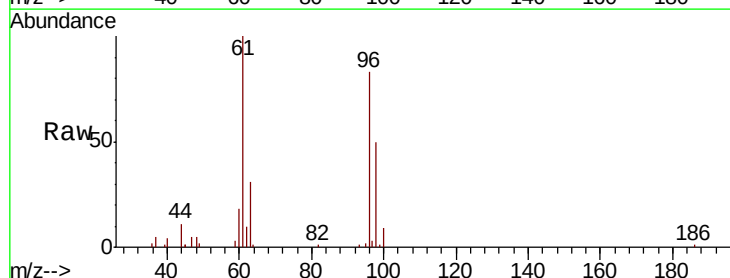
Tgt Ion: 96 Resp: 10260

Ion Ratio Lower Upper

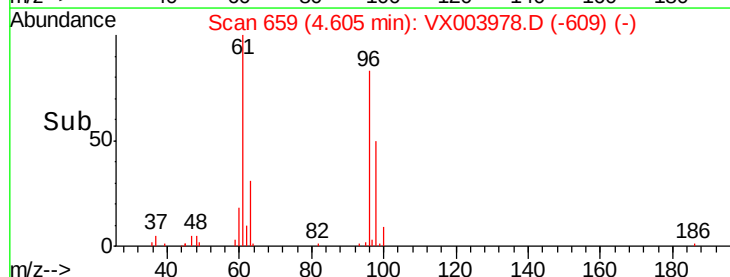
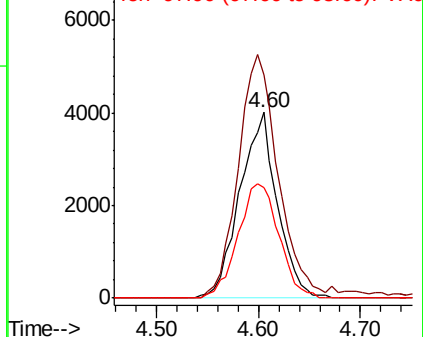
96 100

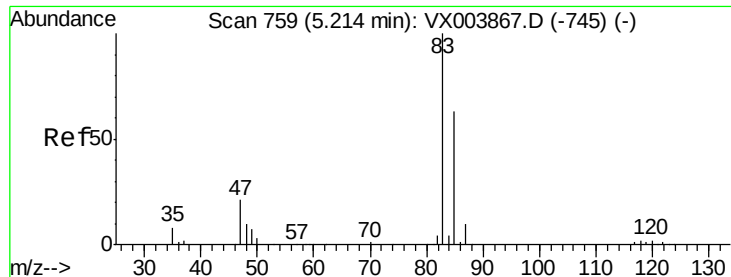
61 139.5 0.0 293.0

98 67.1 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.56 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

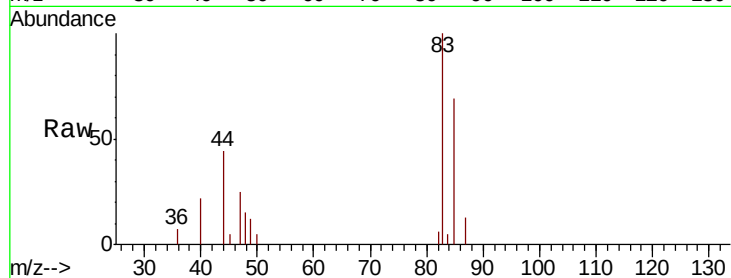
MW-101I

Tot Ion: 83 Resp: 3342

Ion Ratio Lower Upper

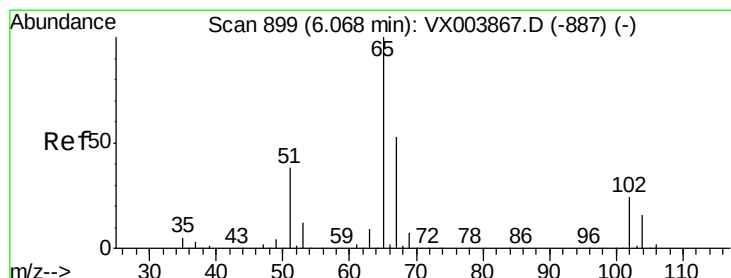
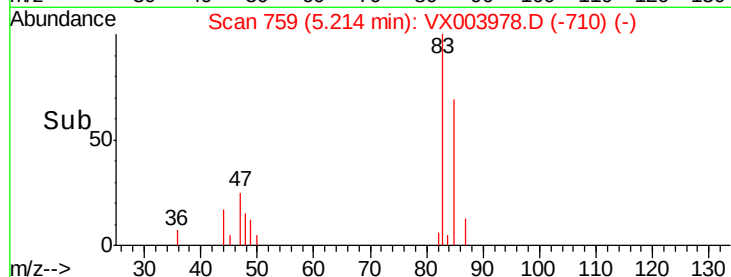
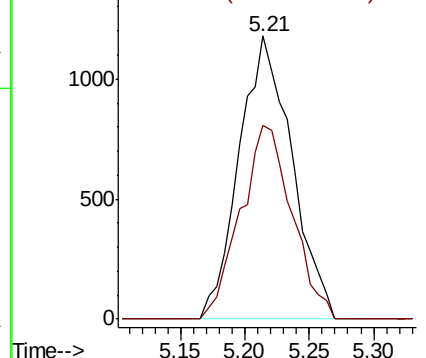
83 100

85 68.7 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003978.D

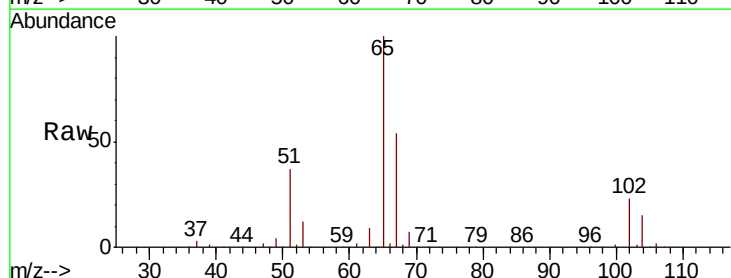
Acq: 10 Aug 2018 15:50

Tgt Ion: 65 Resp: 198467

Ion Ratio Lower Upper

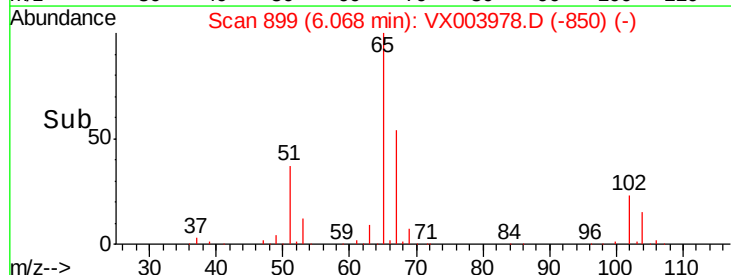
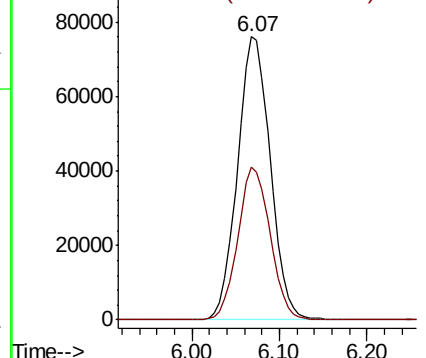
65 100

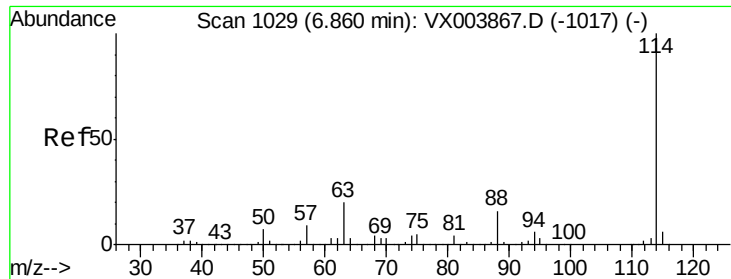
67 53.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

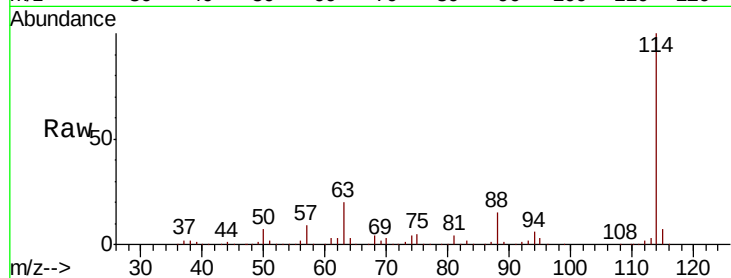




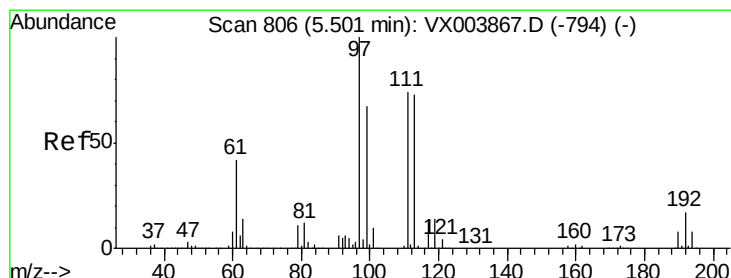
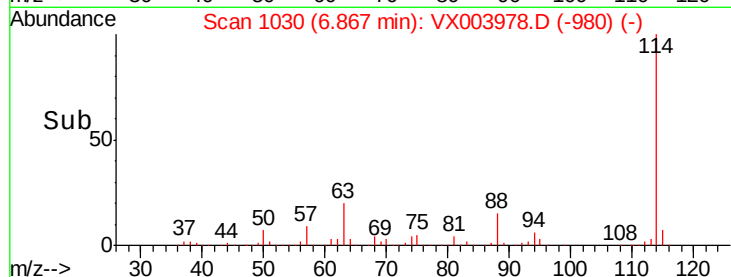
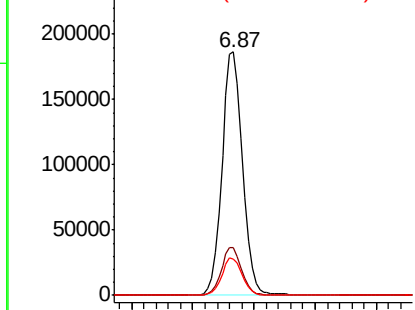
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003978.D
 Acq: 10 Aug 2018 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Tot Ion:114 Resp: 437702
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 32.0

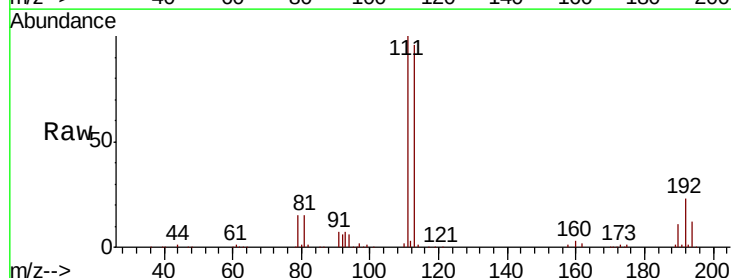


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

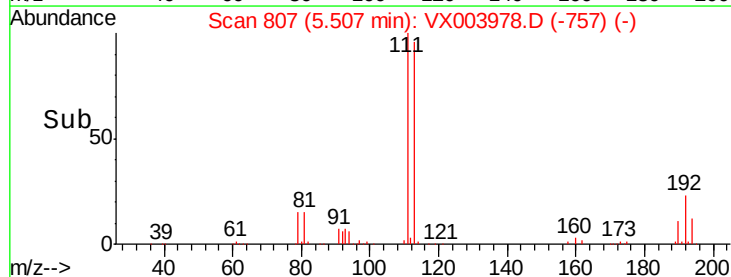
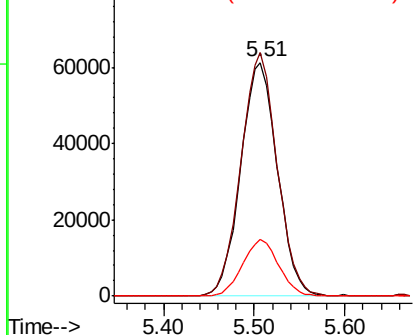


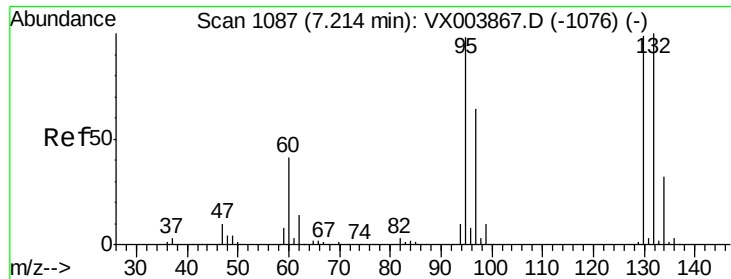
#35
 Dibromofluoromethane
 Concen: 51.65 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003978.D
 Acq: 10 Aug 2018 15:50

Tgt Ion:113 Resp: 171282
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 12.42 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

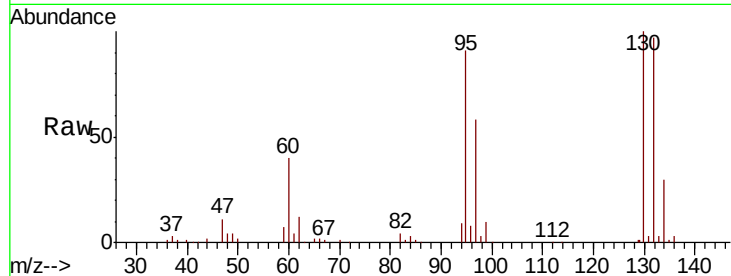
MW-101I

Tot Ion:130 Resp: 49983

Ion Ratio Lower Upper

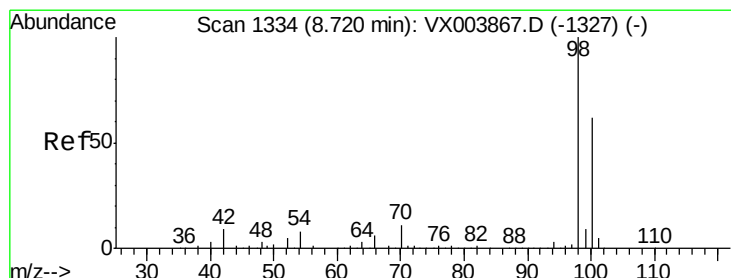
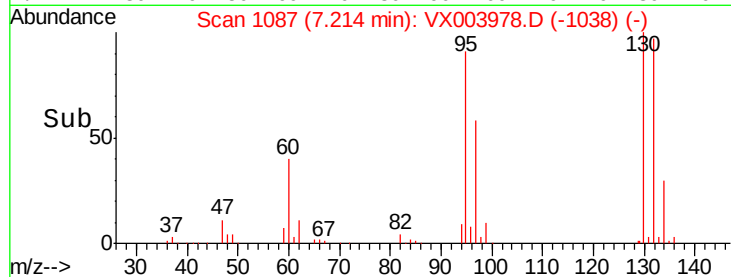
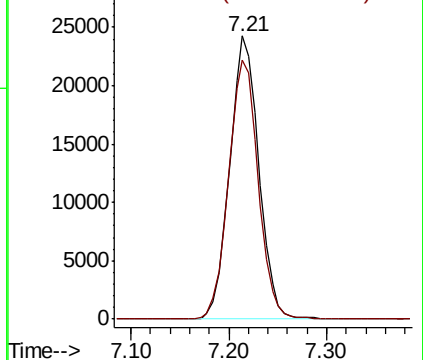
130 100

95 91.5 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003978.D

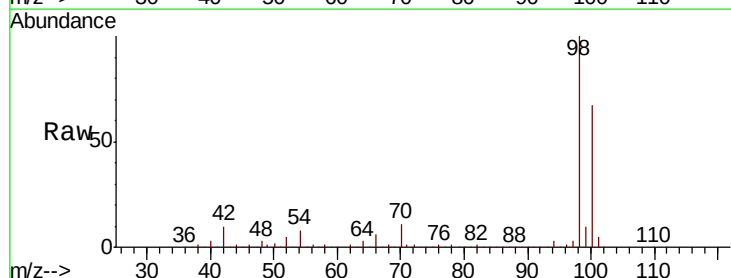
Acq: 10 Aug 2018 15:50

Tgt Ion: 98 Resp: 613317

Ion Ratio Lower Upper

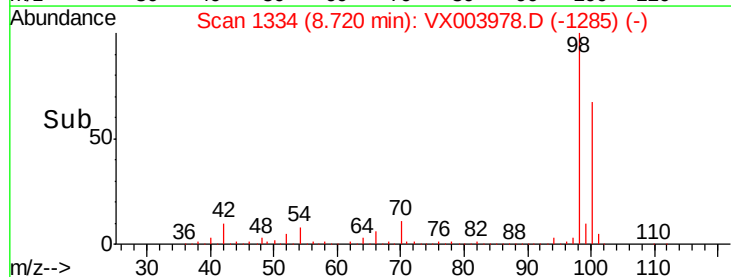
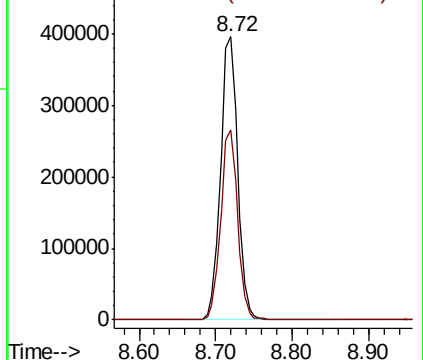
98 100

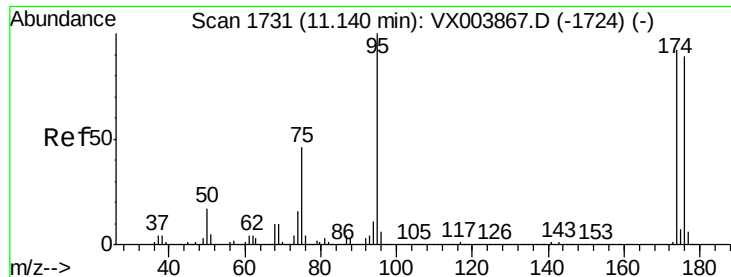
100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

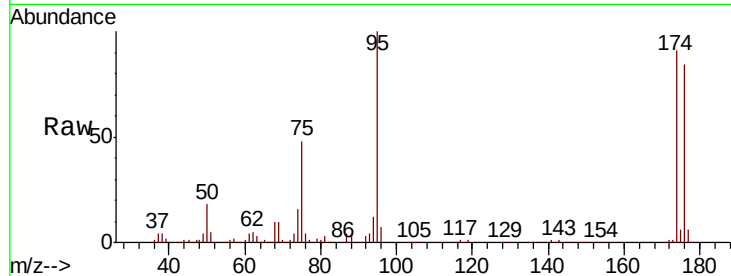




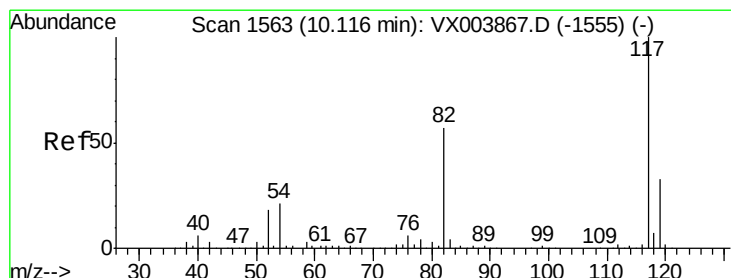
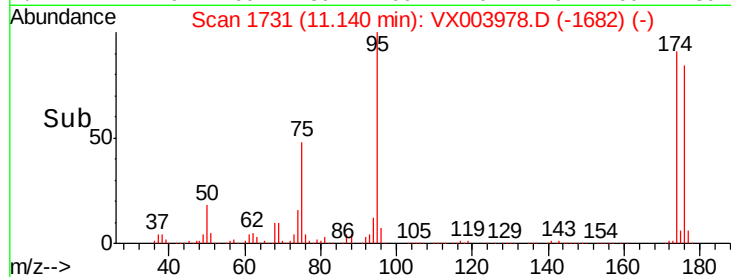
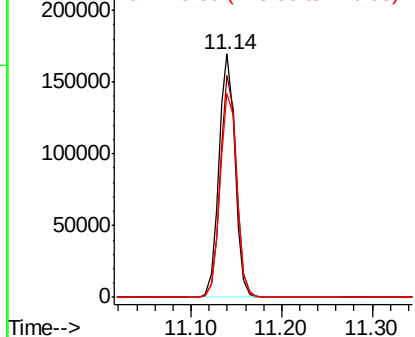
#62
 4-Bromofluorobenzene
 Concen: 50.51 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003978.D
 Acq: 10 Aug 2018 15:50

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101I

Tot Ion: 95 Resp: 210762
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 182.8
 176 87.3 0.0 179.0

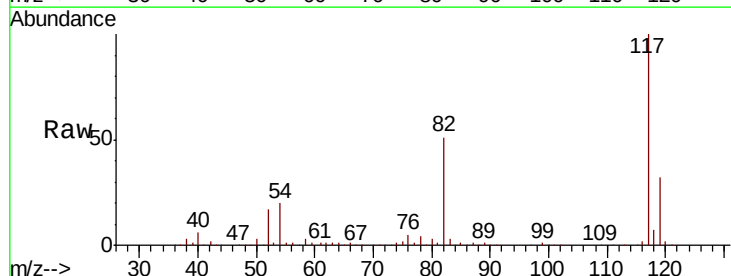


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

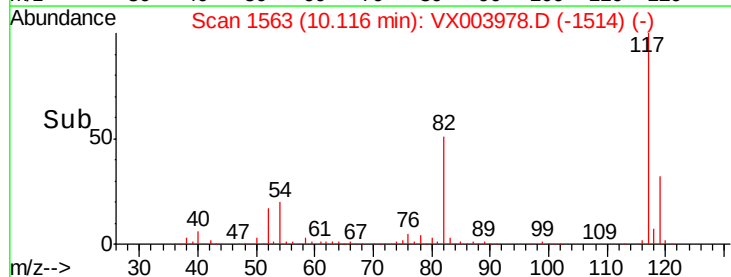
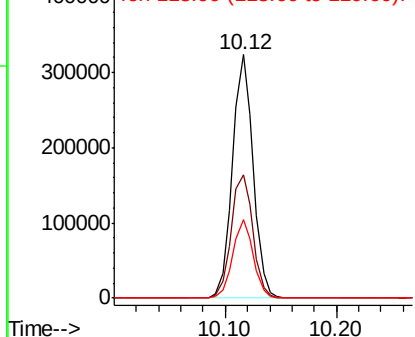


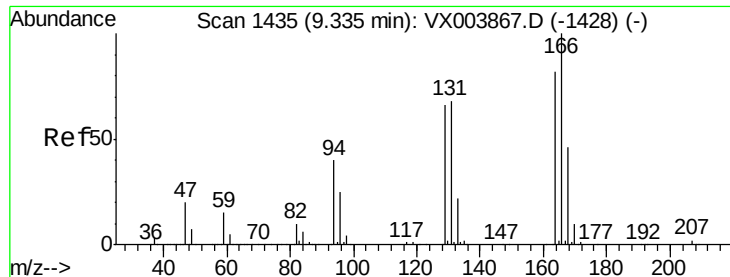
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003978.D
 Acq: 10 Aug 2018 15:50

Tgt Ion: 117 Resp: 415618
 Ion Ratio Lower Upper
 117 100
 82 50.9 45.4 68.0
 119 32.4 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 28.90 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

Tot Ion:164 Resp: 118149

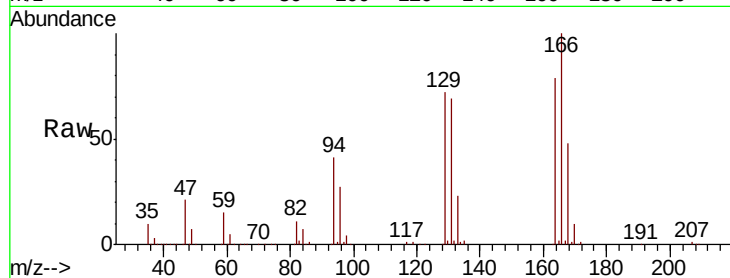
Ion Ratio Lower Upper

164 100

166 126.4 98.0 147.0

129 90.8 64.3 96.5

131 86.8 66.8 100.2

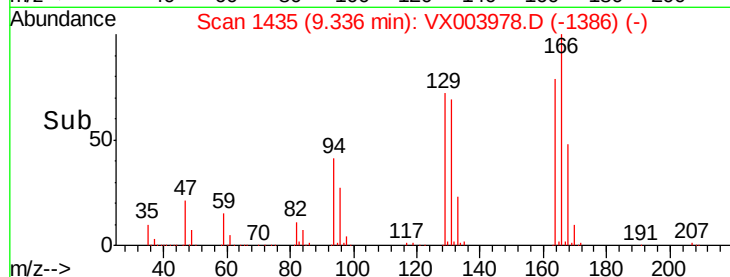


Abundance Ion 163.80 (163.50 to 164.50): V

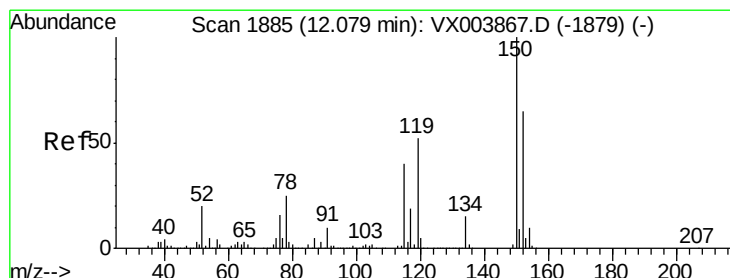
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003978.D

Acq: 10 Aug 2018 15:50

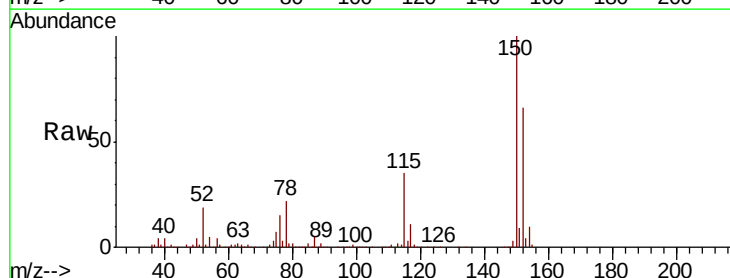
Tgt Ion:152 Resp: 217909

Ion Ratio Lower Upper

152 100

115 53.6 39.1 117.3

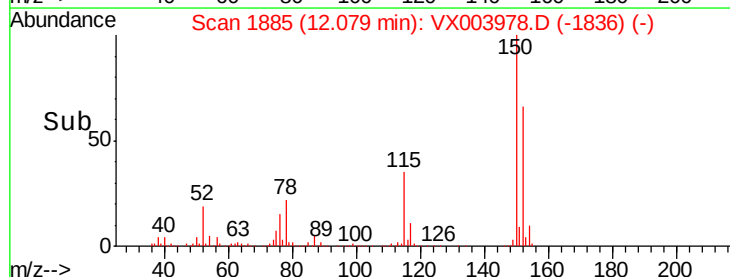
150 149.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->