

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004088.D
 Acq On : 15 Aug 2018 22:14
 Operator : JC/MD
 Sample : J4439-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3

Quant Time: Aug 16 17:00:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

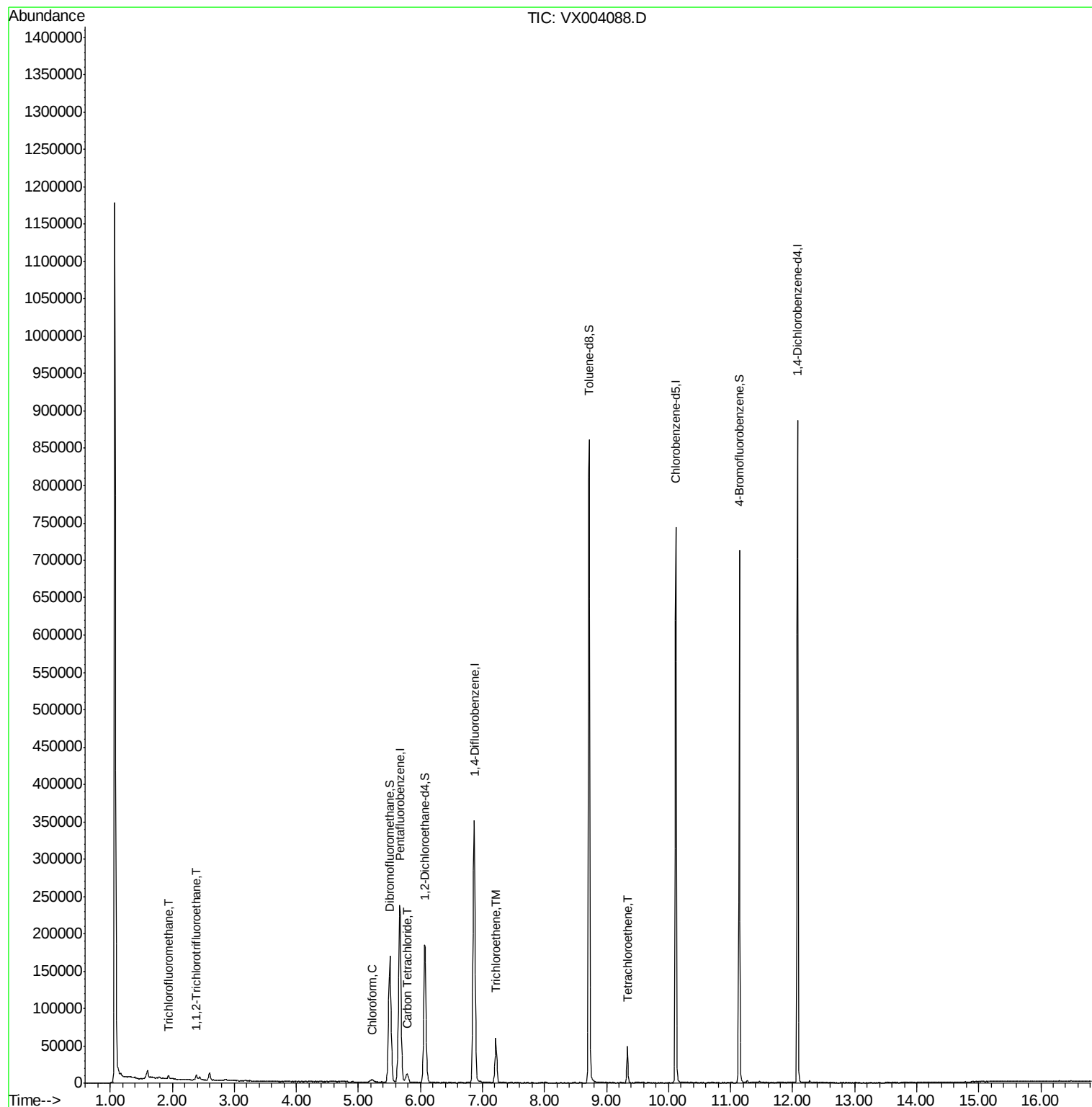
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171085	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	141380	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	8.72	98	510532	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	169577	43.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.00%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	2518	0.58	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2154	0.79	ug/l	98
30) Chloroform	5.23	83	3576	0.69	ug/l	95
38) Carbon Tetrachloride	5.78	117	10150	2.56	ug/l	91
44) Trichloroethene	7.21	130	23408	7.04	ug/l	98
64) Tetrachloroethene	9.34	164	9530	2.92	ug/l	93

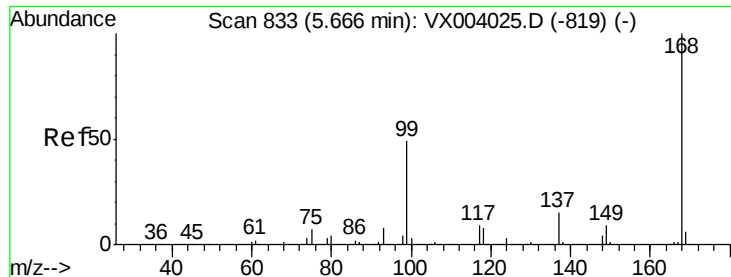
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

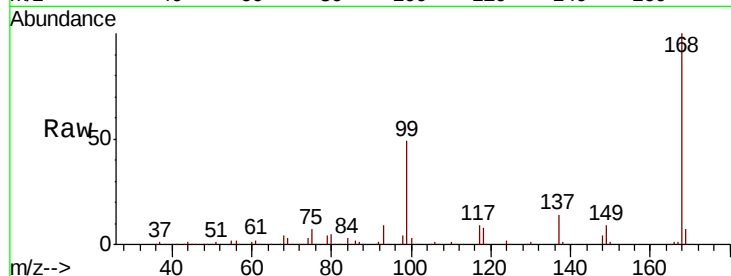
MW-295-SRI3

Tot Ion:168 Resp: 239726

Ion Ratio Lower Upper

168 100

99 48.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

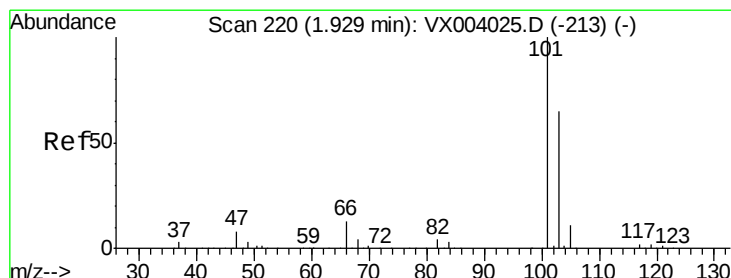
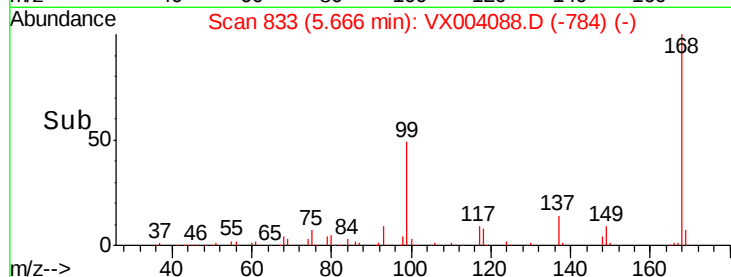
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 0.58 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX004088.D

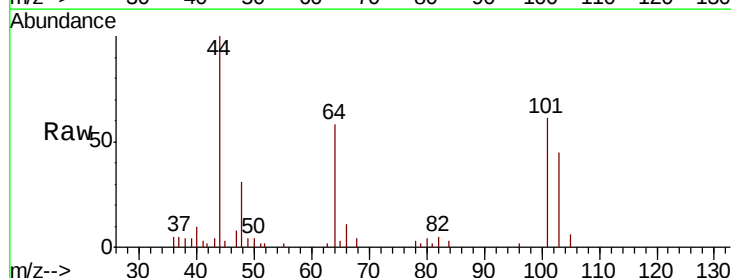
Acq: 15 Aug 2018 22:14

Tgt Ion:101 Resp: 2518

Ion Ratio Lower Upper

101 100

103 73.9 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

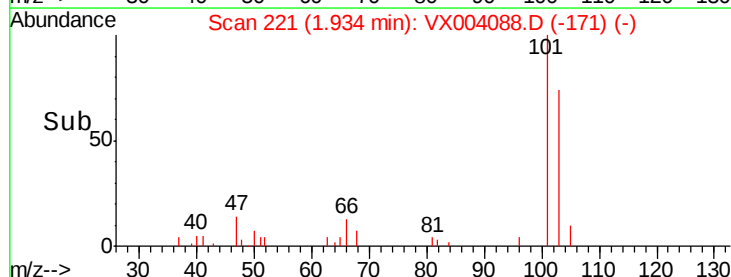
1500

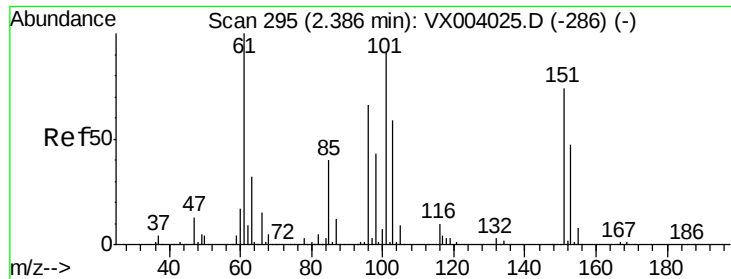
1000

500

0

Time--> 1.90 1.95 2.00





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.79 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3

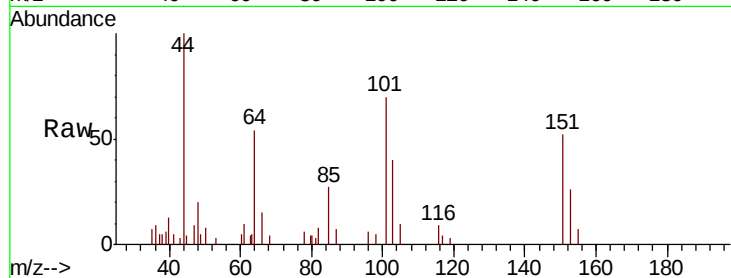
Tot Ion:101 Resp: 2154

Ion Ratio Lower Upper

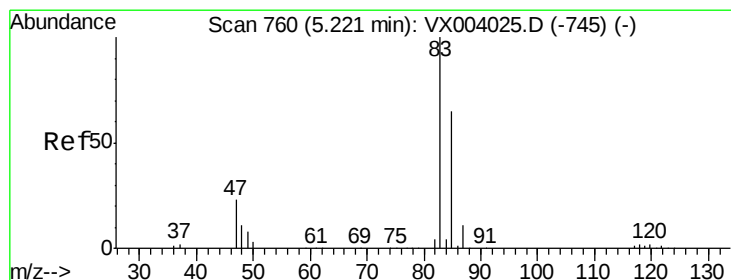
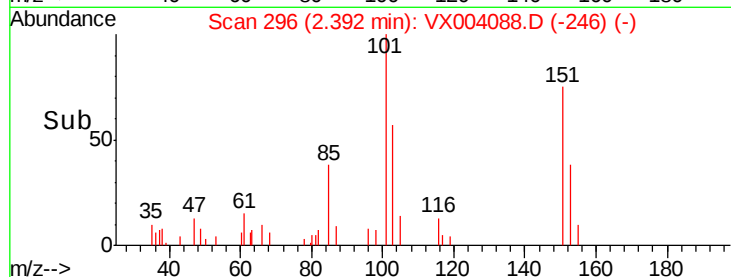
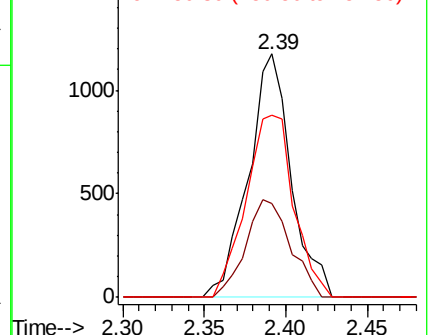
101 100

85 41.9 34.2 51.4

151 83.3 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#30

Chloroform

Concen: 0.69 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX004088.D

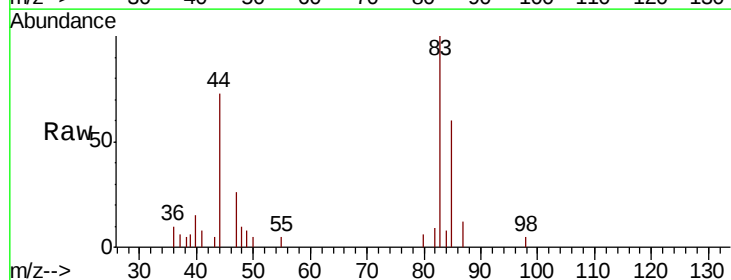
Acq: 15 Aug 2018 22:14

Tgt Ion: 83 Resp: 3576

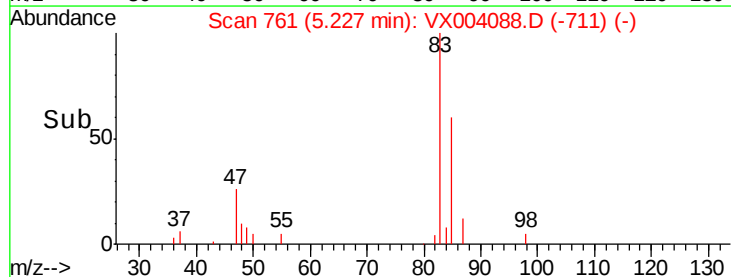
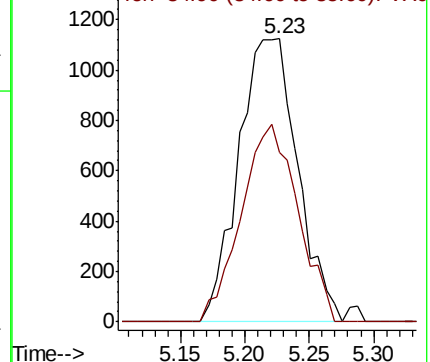
Ion Ratio Lower Upper

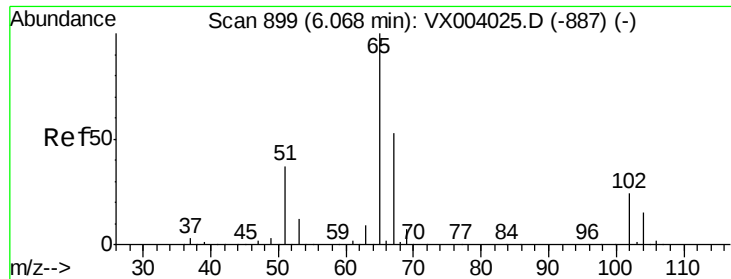
83 100

85 59.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

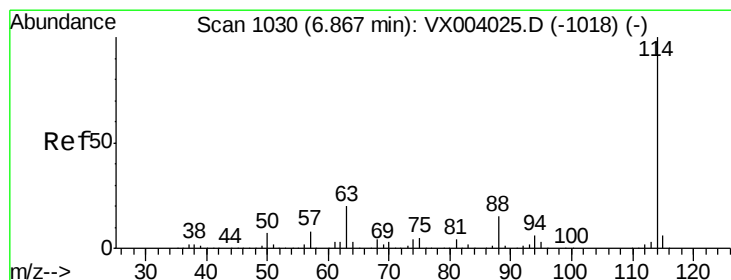
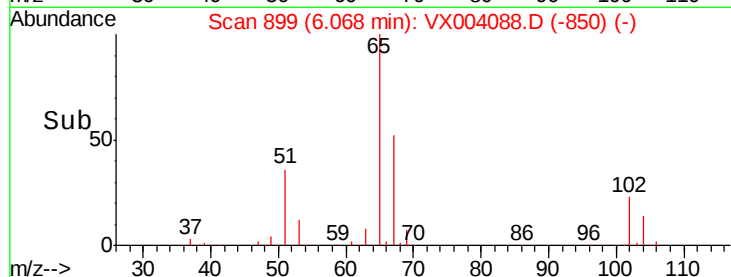
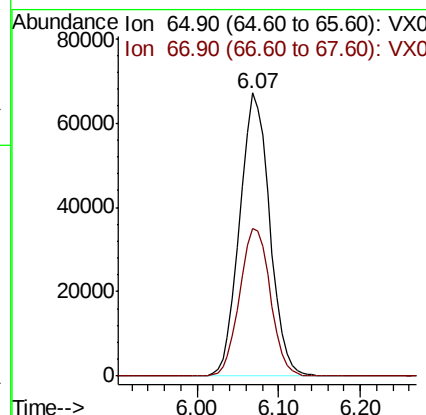
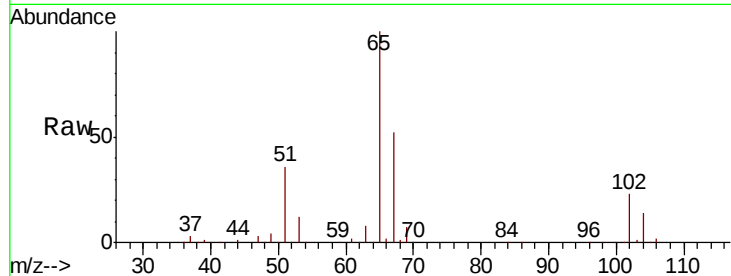




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004088.D
 Acq: 15 Aug 2018 22:14

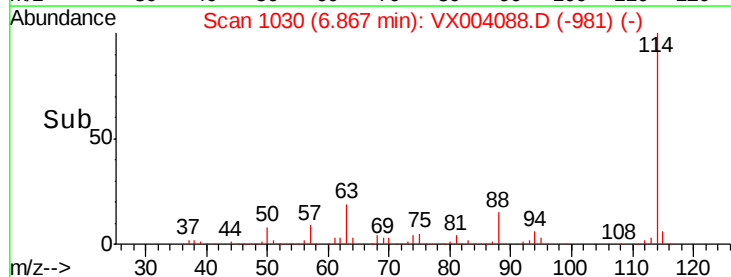
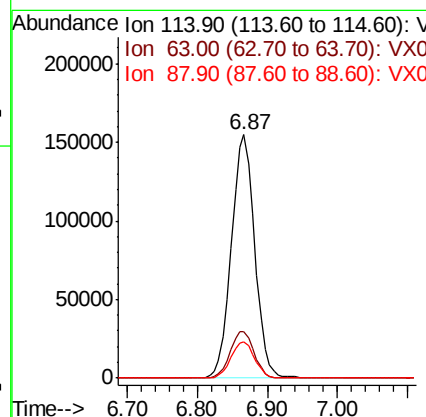
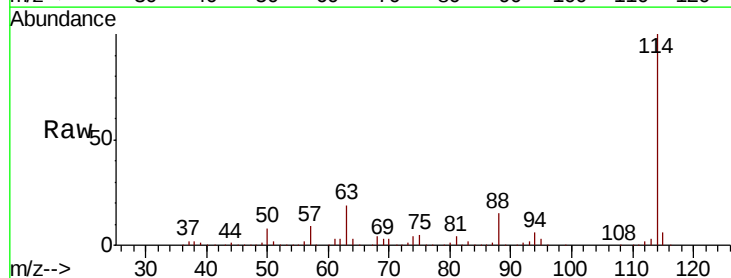
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3

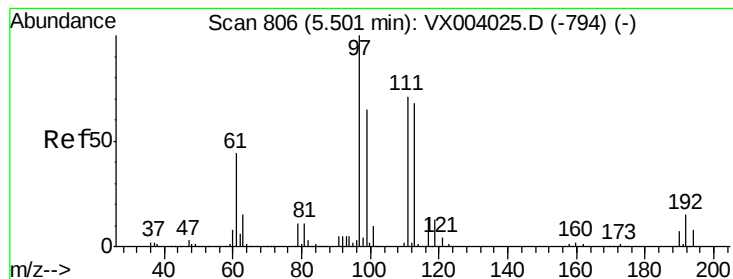
Tot Ion: 65 Resp: 171085
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004088.D
 Acq: 15 Aug 2018 22:14

Tgt Ion: 114 Resp: 358343
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.72 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3

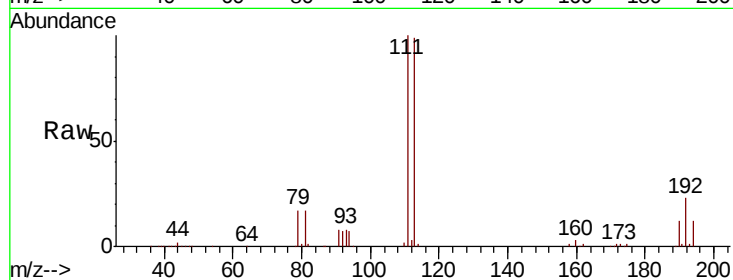
Tot Ion:113 Resp: 141380

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

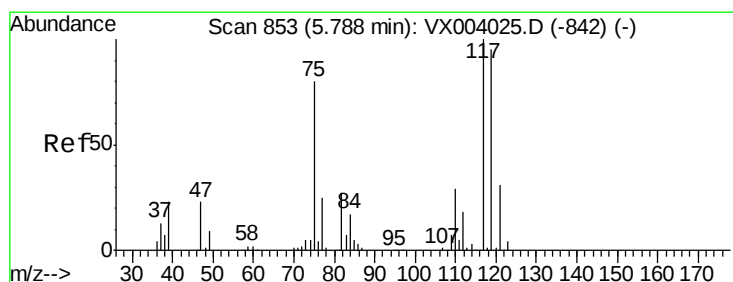
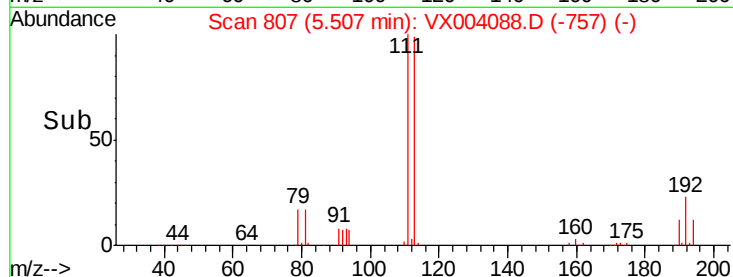
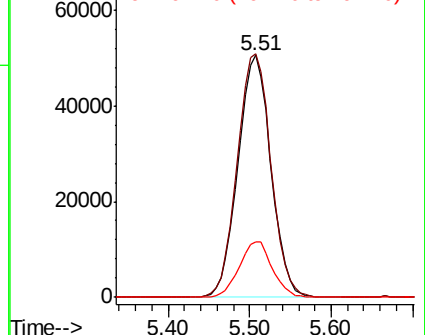
192 23.2 19.0 28.4



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



#38

Carbon Tetrachloride

Concen: 2.56 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

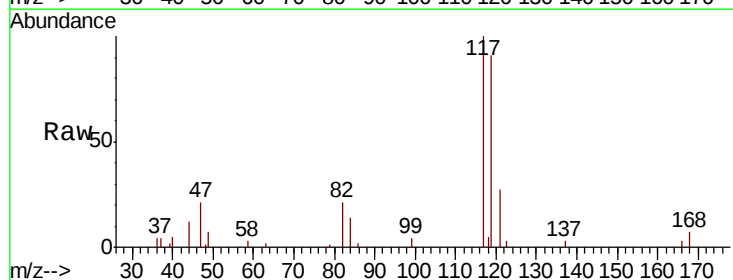
Tgt Ion:117 Resp: 10150

Ion Ratio Lower Upper

117 100

119 90.6 79.5 119.3

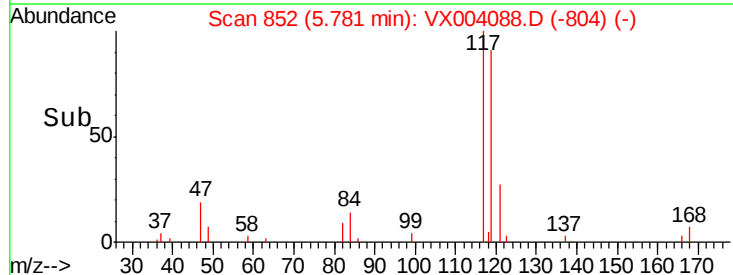
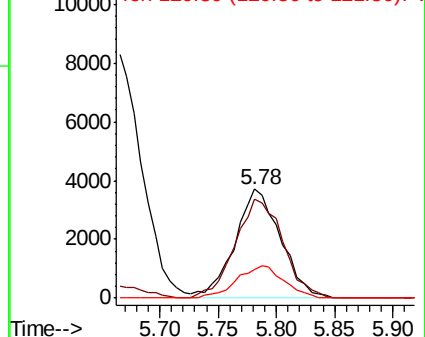
121 26.7 25.0 37.4

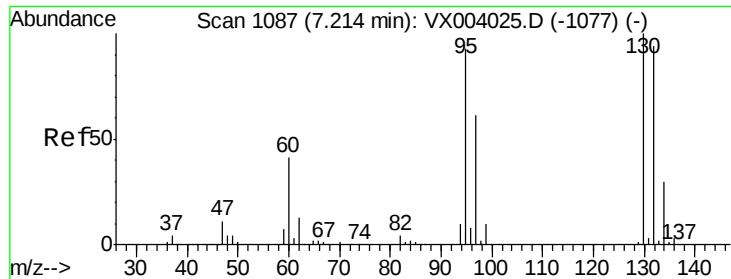


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 7.04 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

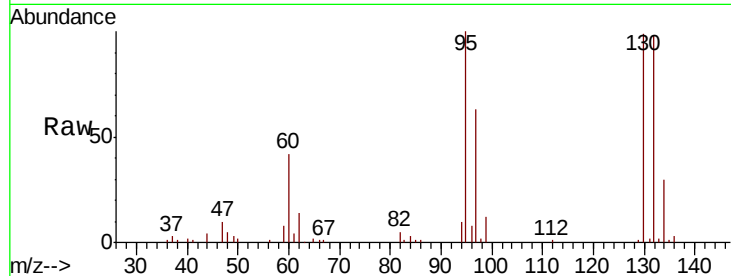
MW-295-SRI3

Tot Ion:130 Resp: 23408

Ion Ratio Lower Upper

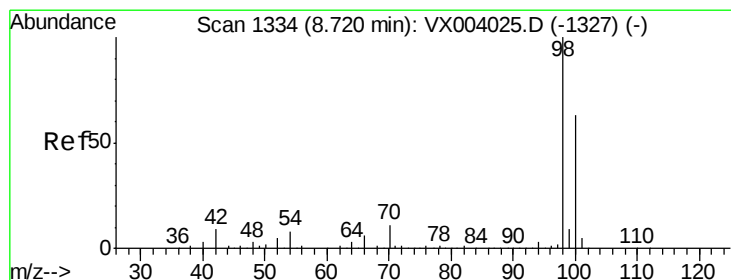
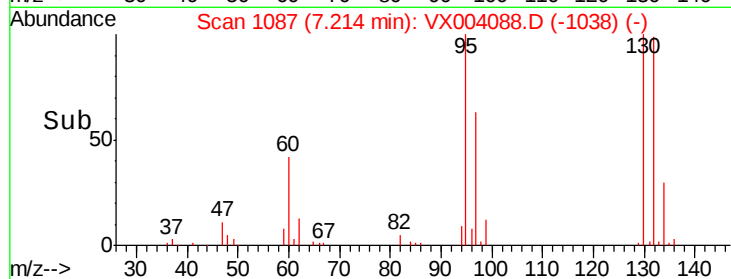
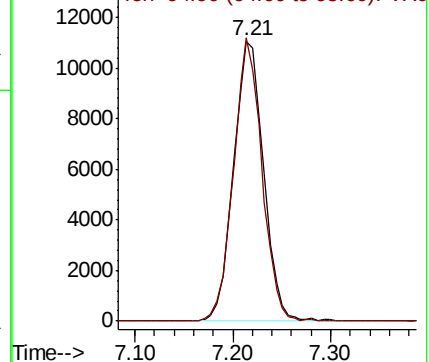
130 100

95 101.2 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: 46.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004088.D

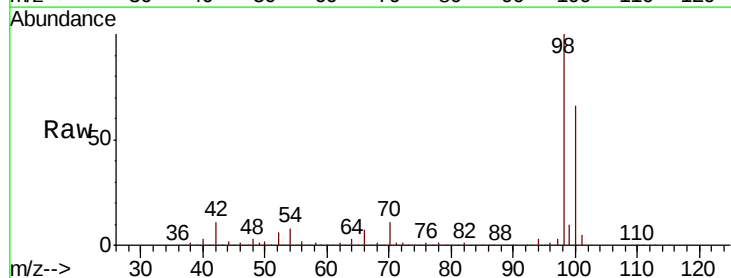
Acq: 15 Aug 2018 22:14

Tgt Ion: 98 Resp: 510532

Ion Ratio Lower Upper

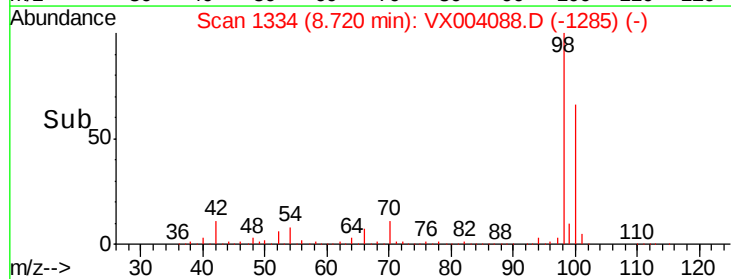
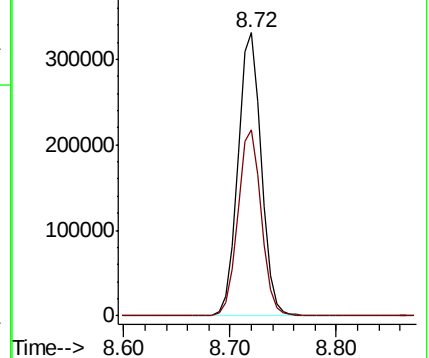
98 100

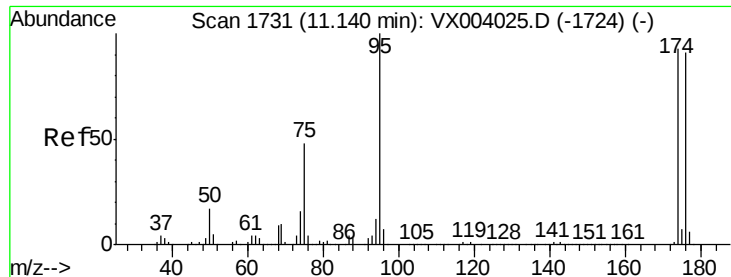
100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3

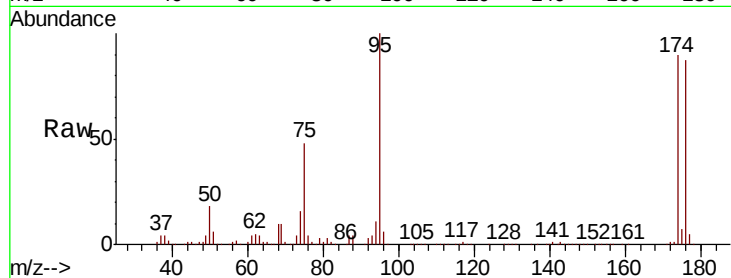
Tot Ion: 95 Resp: 169577

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.8

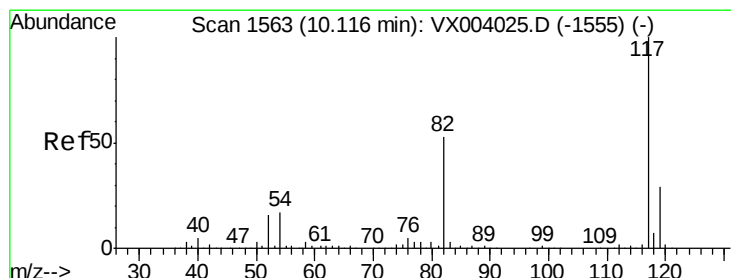
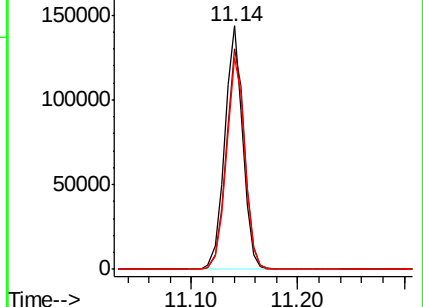
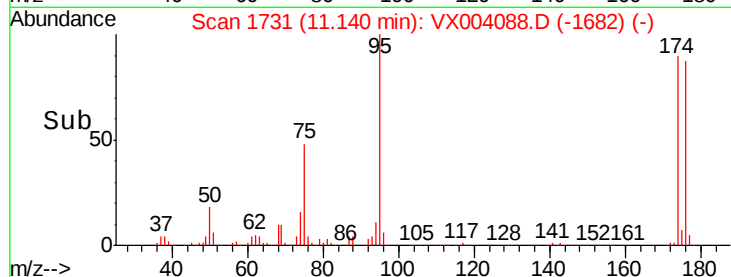
176 89.2 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX004088.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004088.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004088.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

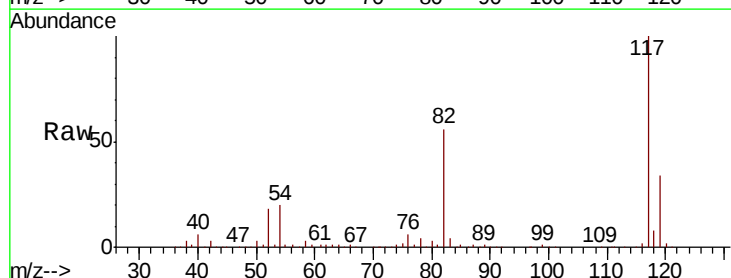
Tgt Ion: 117 Resp: 344562

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

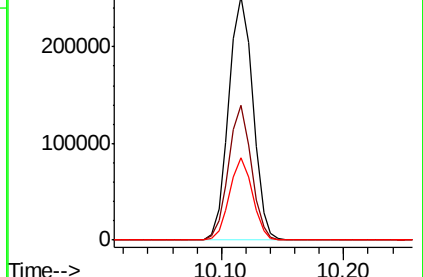
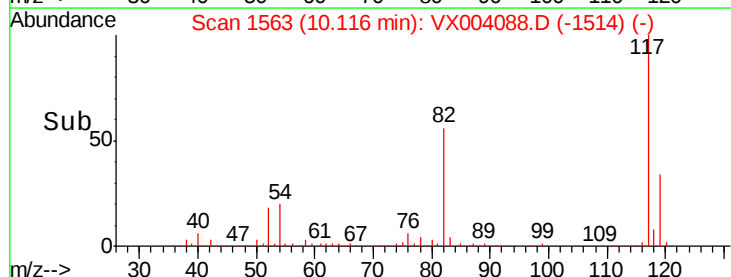
119 33.7 26.6 40.0

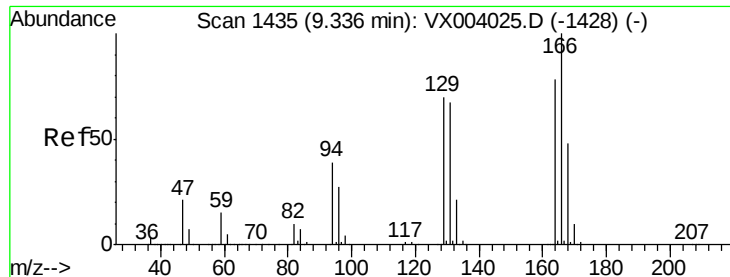


Abundance Ion 116.90 (116.60 to 117.60): VX004088.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004088.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004088.D (-1514) (-)





#64

Tetrachloroethene

Concen: 2.92 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3

Tot Ion:164 Resp: 9530

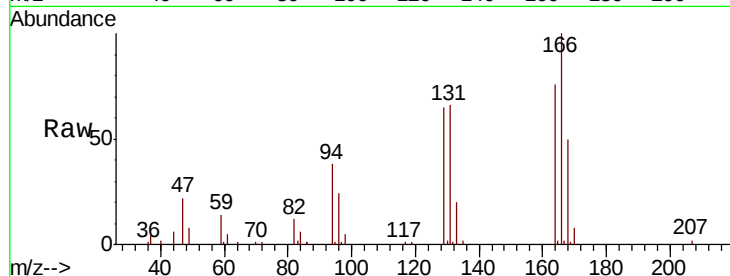
Ion Ratio Lower Upper

164 100

166 132.4 98.0 147.0

129 86.2 64.3 96.5

131 87.2 66.8 100.2



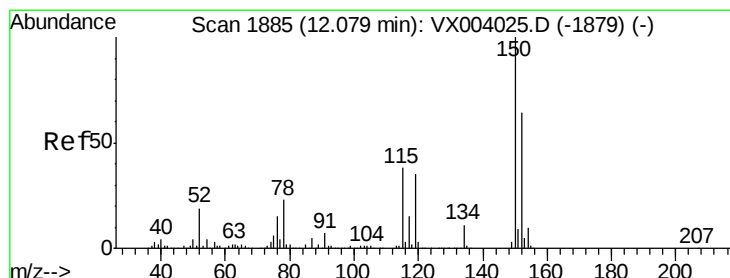
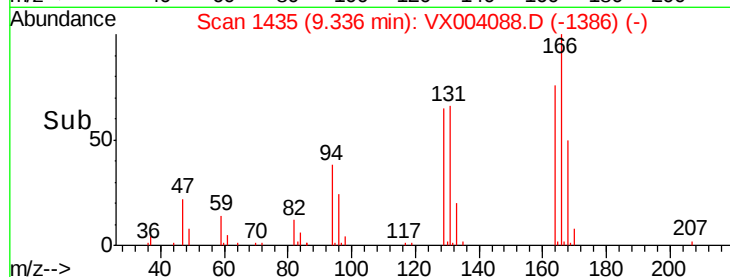
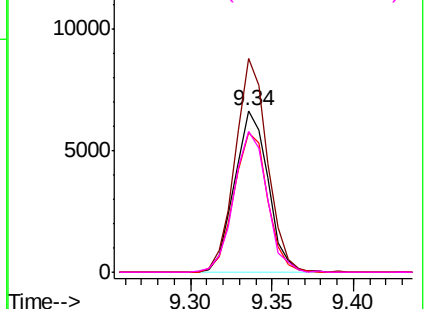
Abundance

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004088.D

Acq: 15 Aug 2018 22:14

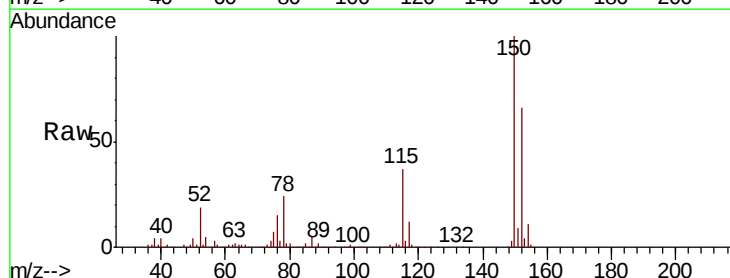
Tgt Ion:152 Resp: 182290

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.3

150 153.8 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

