

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009636.D
 Acq On : 17 May 2019 03:17
 Operator : JC/SP
 Sample : K2887-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW738-190515

Quant Time: May 17 07:55:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

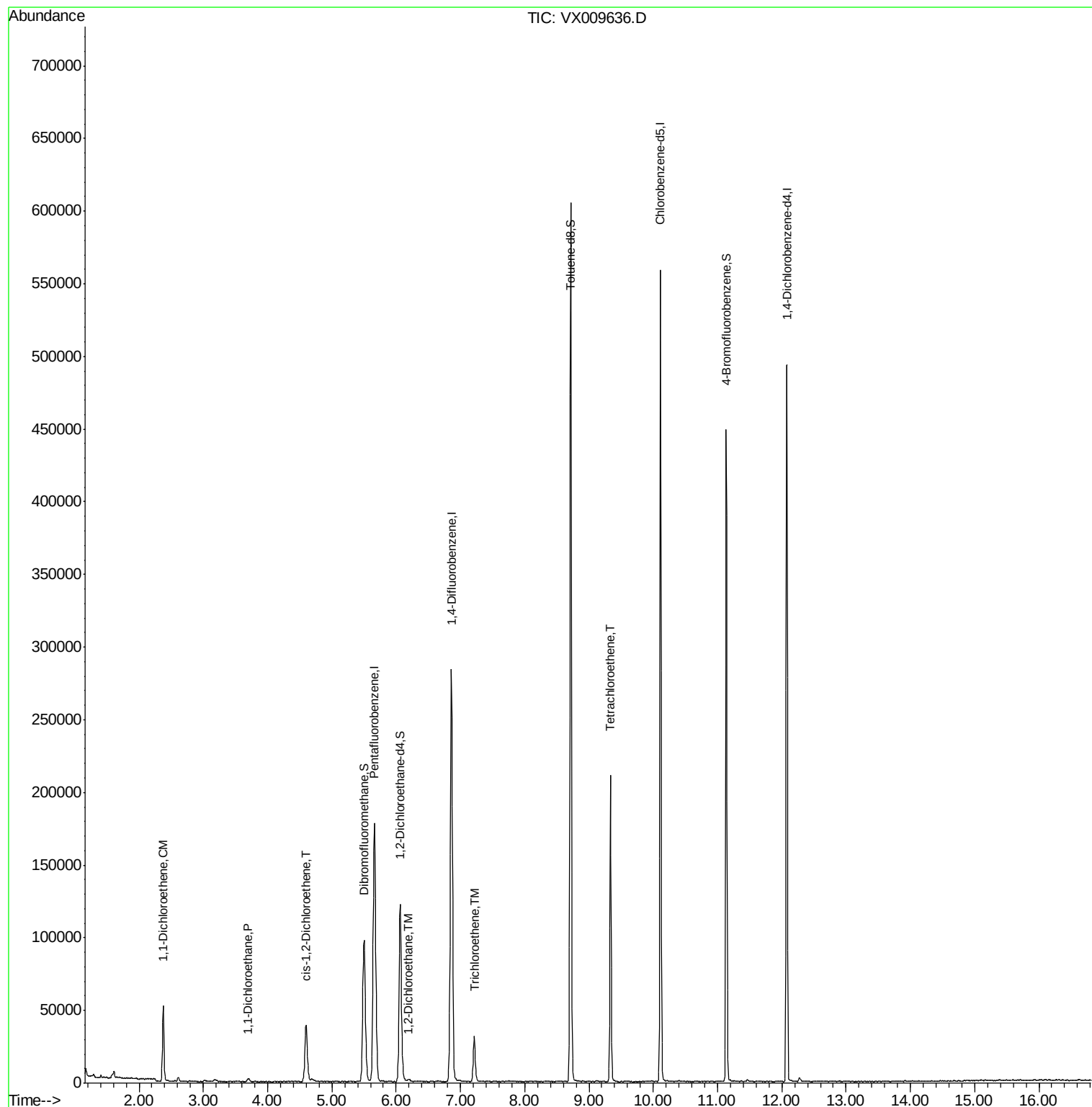
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114930	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	84607	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	345313	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	113969	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	16653	10.230	ug/l	99
24) 1,1-Dichloroethane	3.70	63	2401	0.638	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	24370	11.565	ug/l	90
42) 1,2-Dichloroethane	6.20	62	1564	0.554	ug/l	94
44) Trichloroethene	7.21	130	11677	6.141	ug/l	91
64) Tetrachloroethene	9.34	164	40626	24.644	ug/l	98

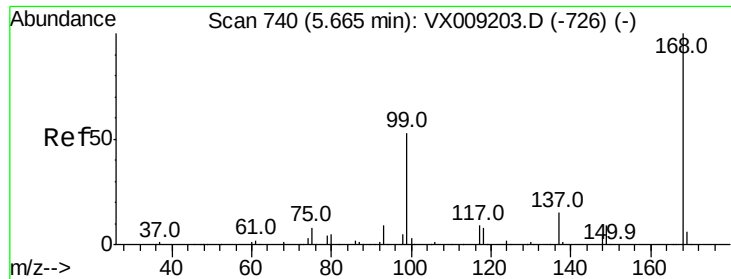
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

Instrument :

MSVOA_X

ClientSampleId :

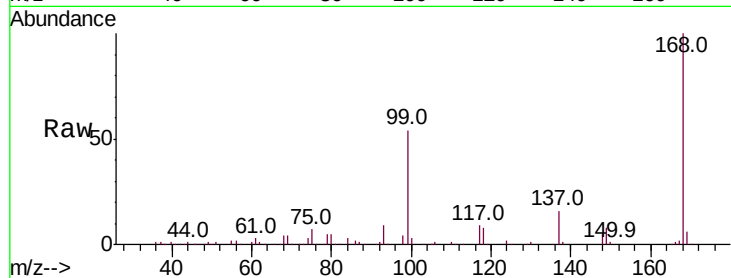
SS052MW738-190515

Tot Ion:168 Resp: 173493

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

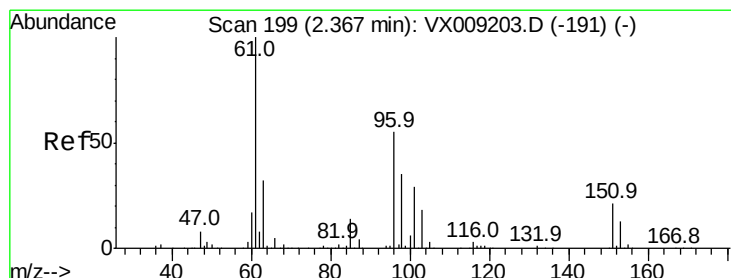
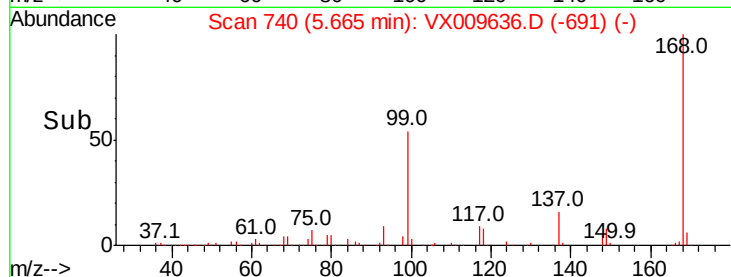
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 10.230 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

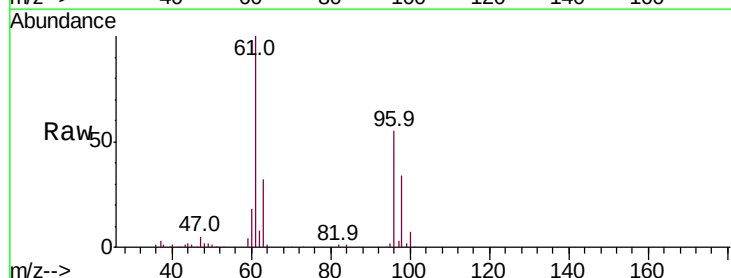
Tgt Ion: 96 Resp: 16653

Ion Ratio Lower Upper

96 100

61 180.3 144.3 216.5

98 61.6 50.3 75.5



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

25000

20000

15000

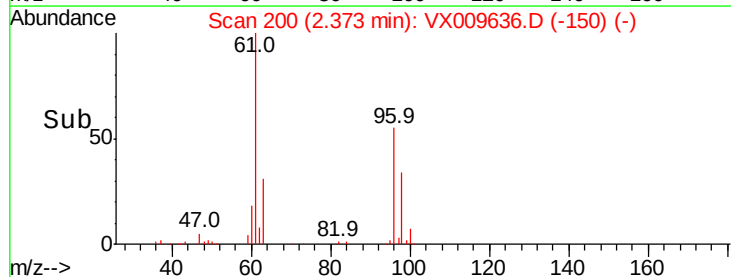
10000

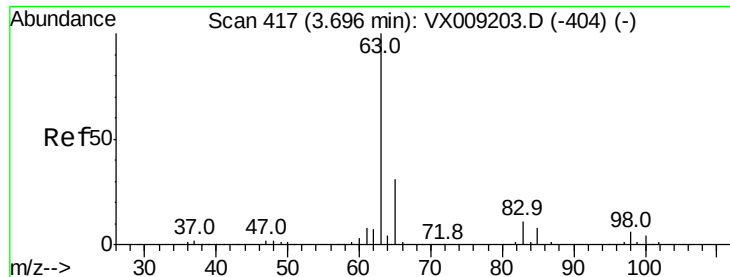
5000

0

Time-->

2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 0.638 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW738-190515

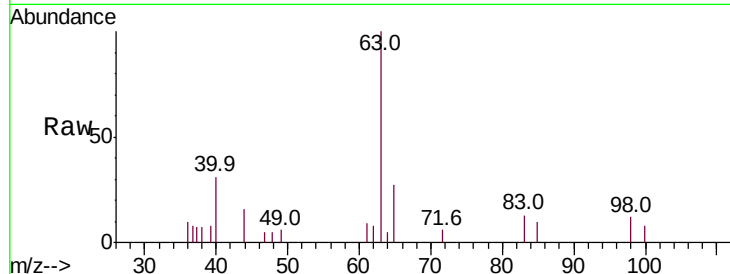
Tot Ion: 63 Resp: 2401

Ion Ratio Lower Upper

63 100

98 12.1 3.0 9.2#

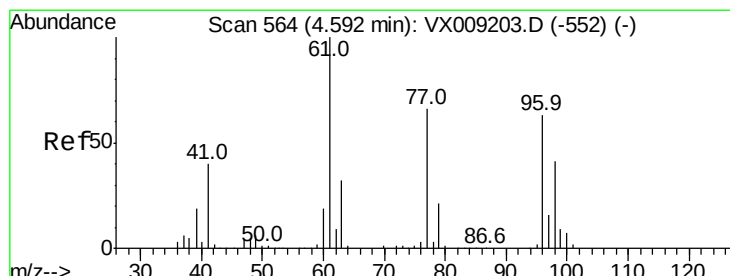
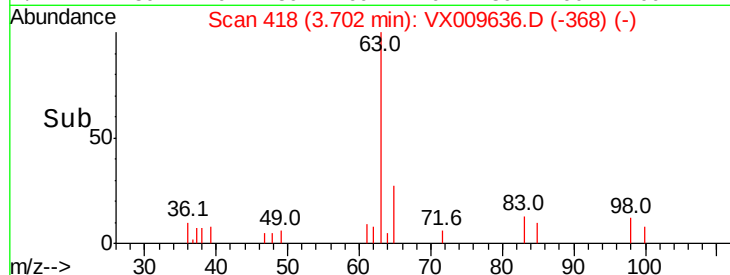
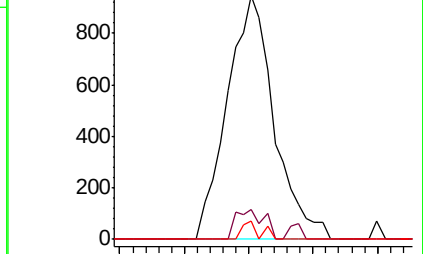
100 7.8 2.0 6.0#



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: 11.565 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

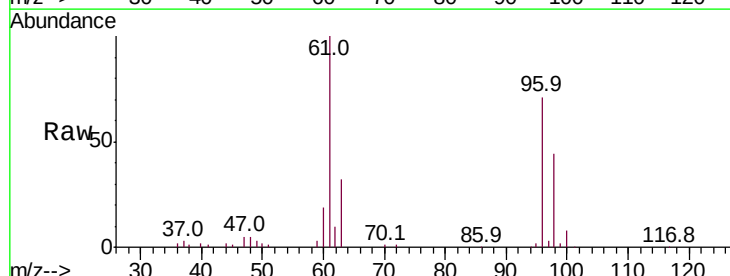
Tgt Ion: 96 Resp: 24370

Ion Ratio Lower Upper

96 100

61 143.7 0.0 324.0

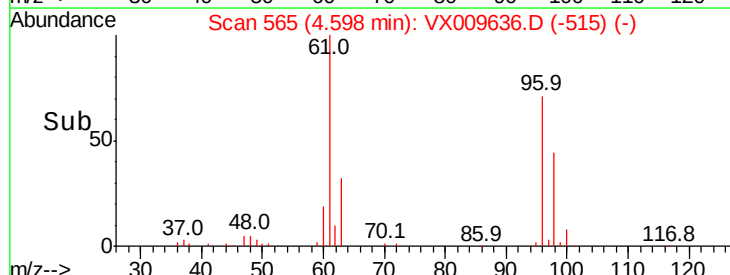
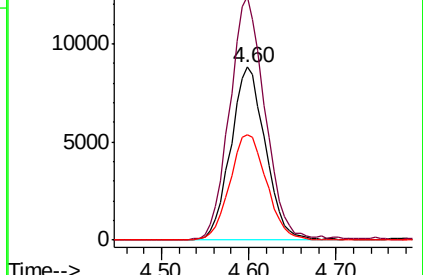
98 64.7 0.0 130.4

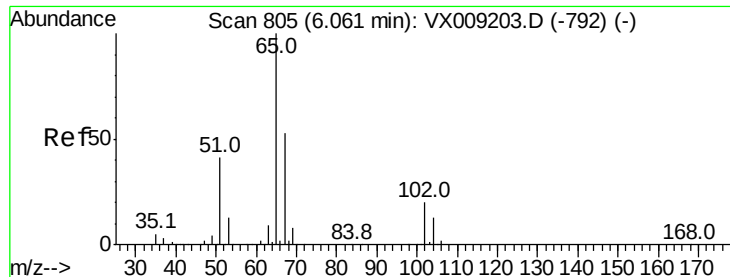


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

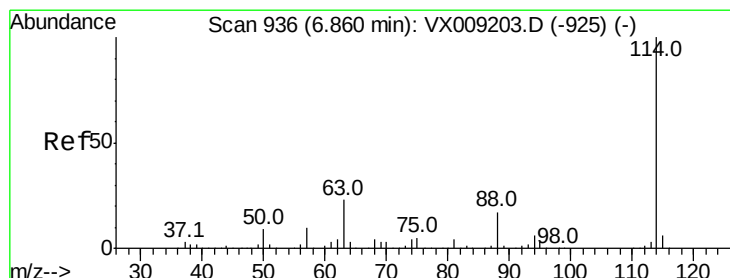
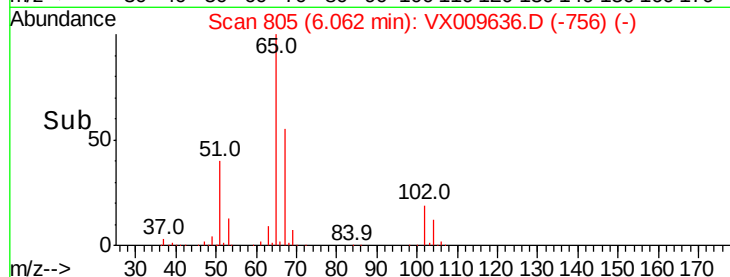
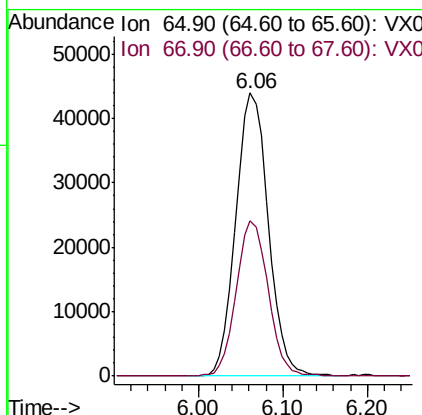
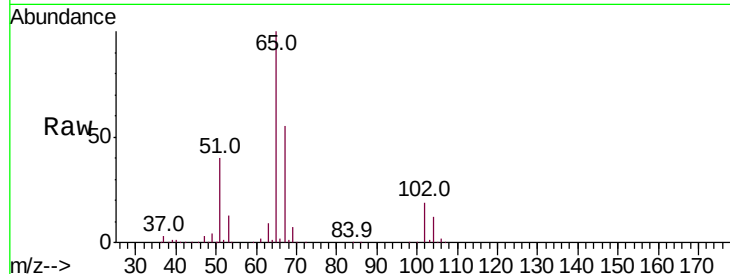




#33
 1,2-Dichloroethane-d4
 Concen: 48.527 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009636.D
 Acq: 17 May 2019 03:17

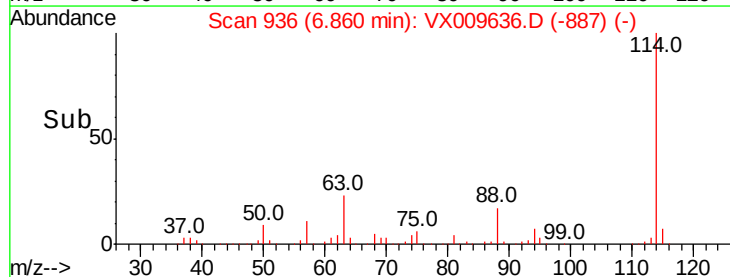
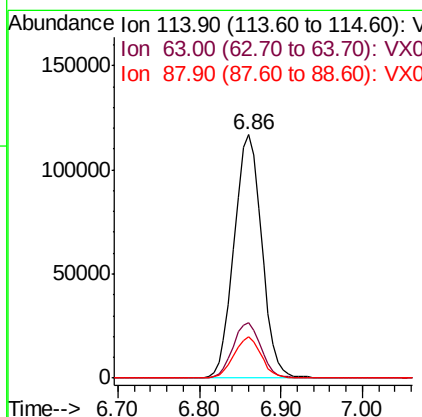
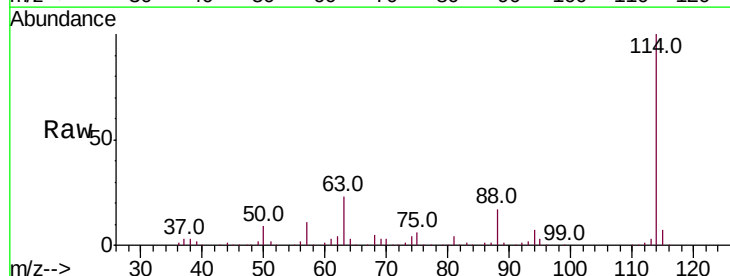
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW738-190515

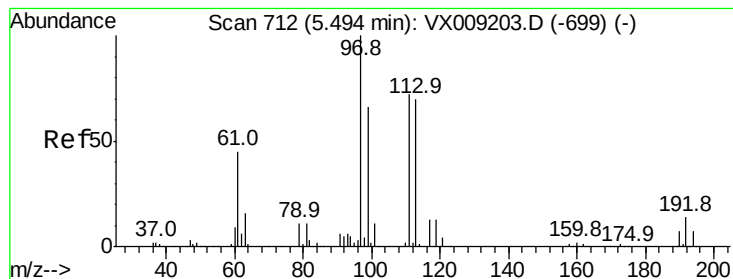
Tot Ion: 65 Resp: 114930
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009636.D
 Acq: 17 May 2019 03:17

Tgt Ion: 114 Resp: 273481
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.213 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW738-190515

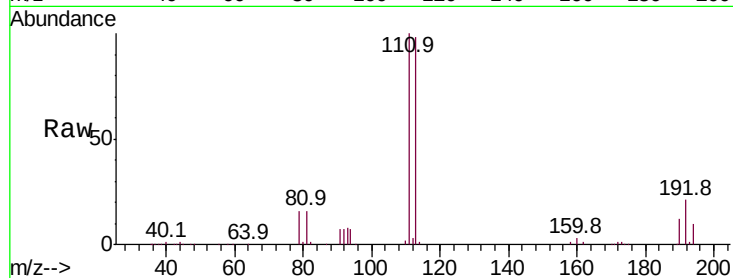
Tot Ion:113 Resp: 84607

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

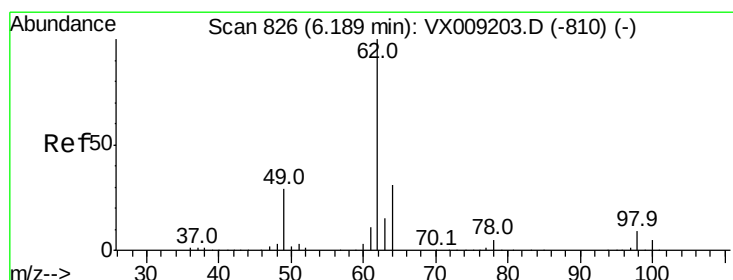
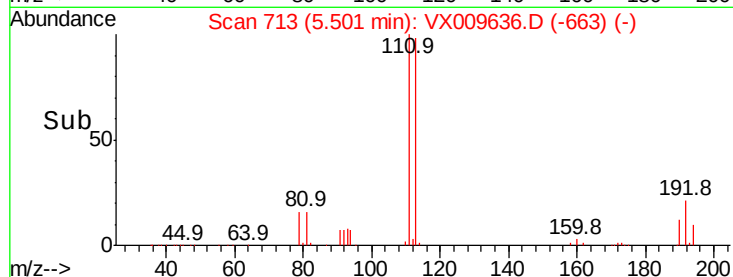
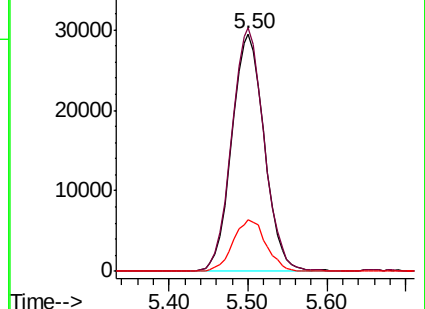
192 22.0 17.0 25.6



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



#42

1,2-Dichloroethane

Concen: 0.554 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009636.D

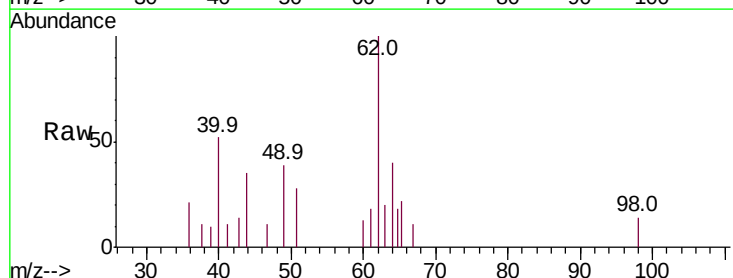
Acq: 17 May 2019 03:17

Tgt Ion: 62 Resp: 1564

Ion Ratio Lower Upper

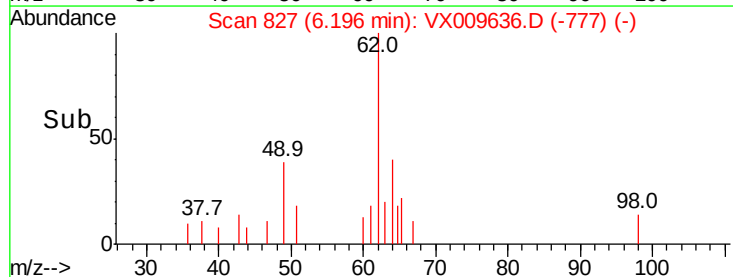
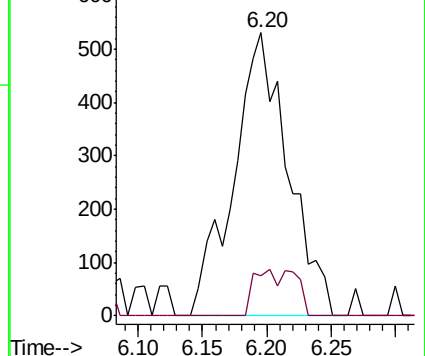
62 100

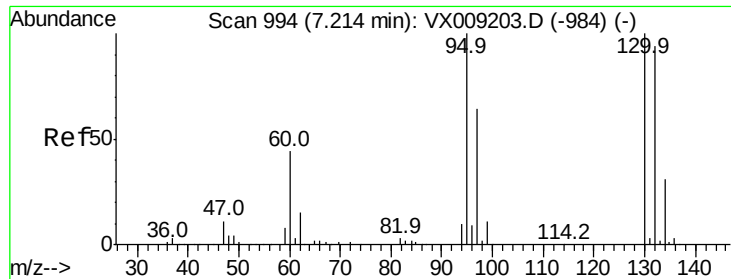
98 7.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

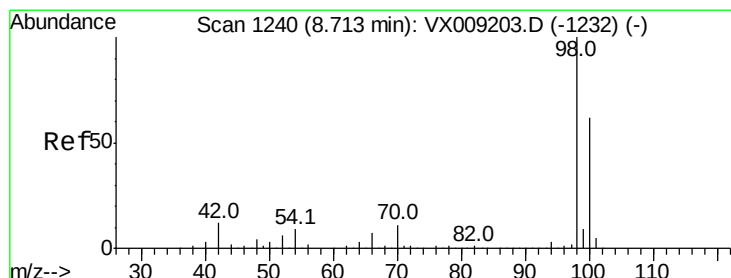
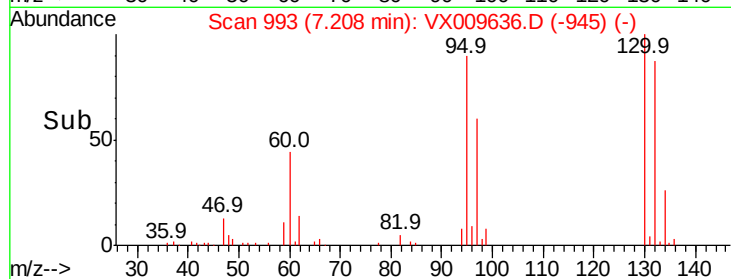
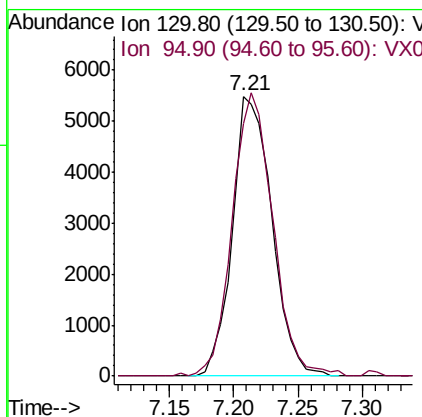
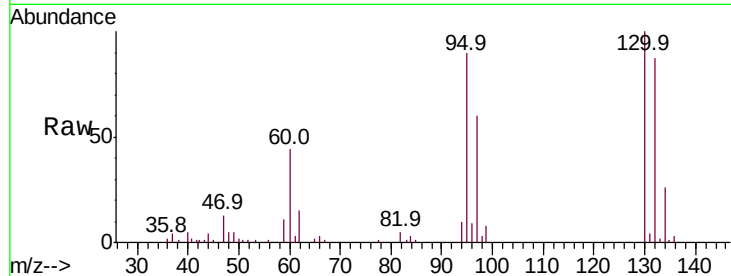




#44
 Trichloroethene
 Concen: 6.141 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009636.D
 Acq: 17 May 2019 03:17

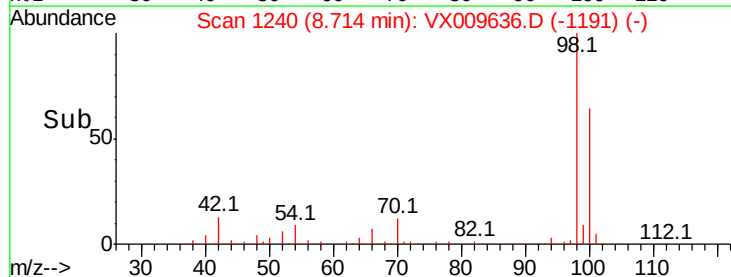
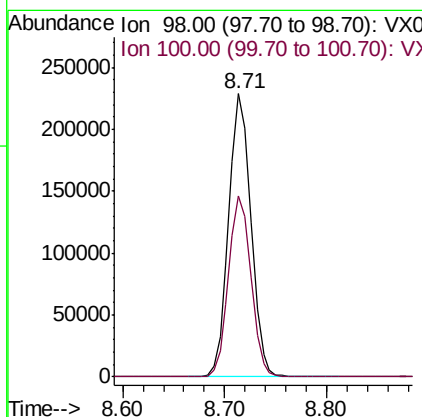
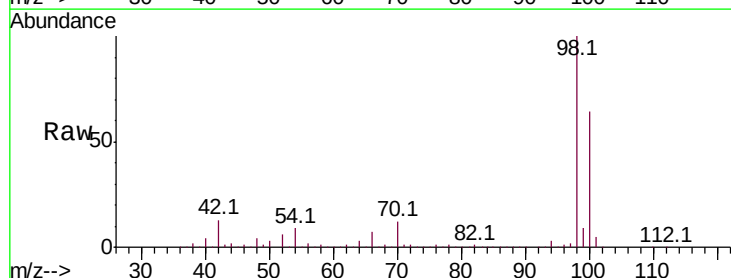
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW738-190515

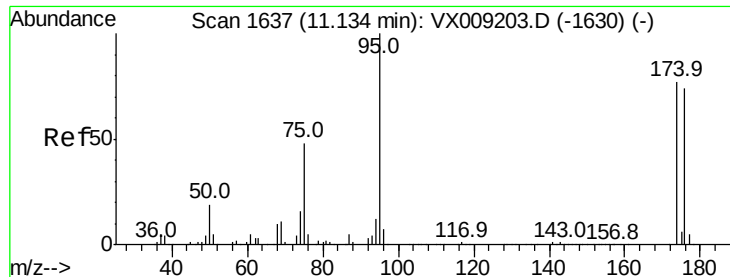
Tot Ion:130 Resp: 11677
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 199.2



#50
 Toluene-d8
 Concen: 49.751 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009636.D
 Acq: 17 May 2019 03:17

Tgt Ion: 98 Resp: 345313
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.189 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW738-190515

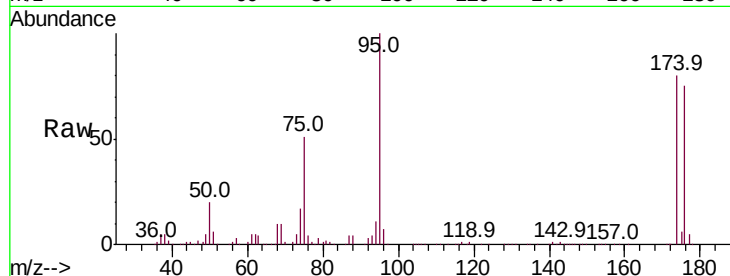
Tot Ion: 95 Resp: 113969

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

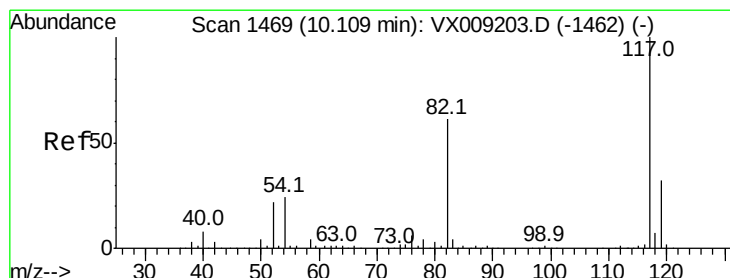
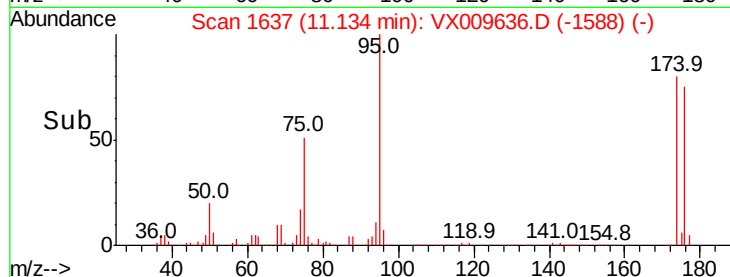
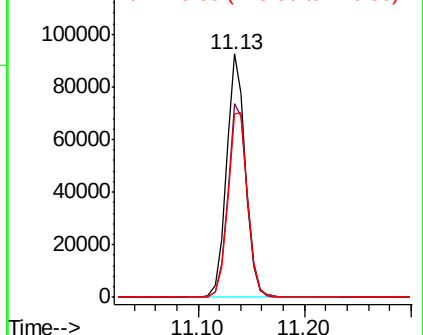
176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009636.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009636.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009636.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

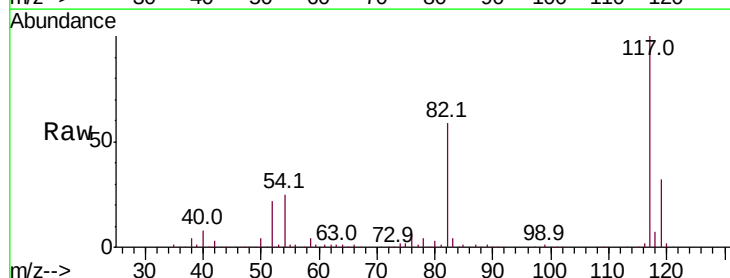
Tgt Ion: 117 Resp: 240321

Ion Ratio Lower Upper

117 100

82 59.5 48.8 73.2

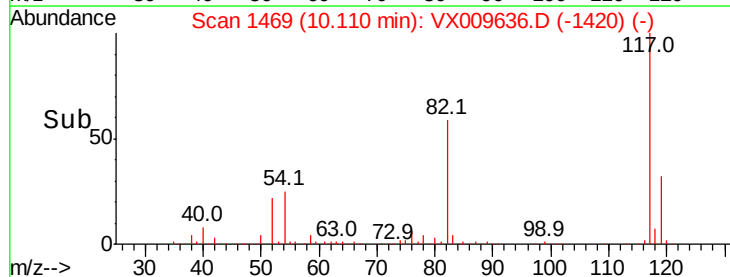
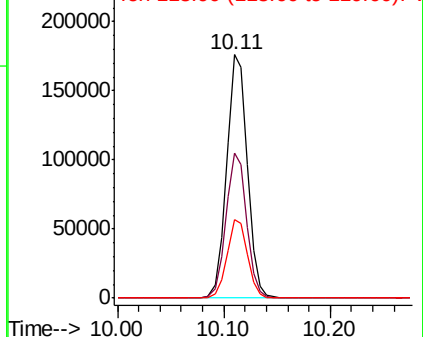
119 32.5 25.8 38.6

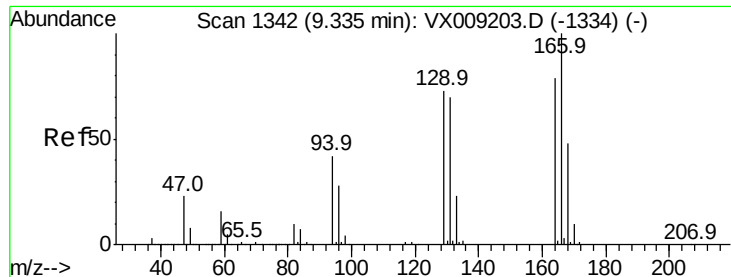


Abundance Ion 116.90 (116.60 to 117.60): VX009636.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009636.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009636.D (-1420) (-)





#64

Tetrachloroethene

Concen: 24.644 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW738-190515

Tot Ion:164 Resp: 40626

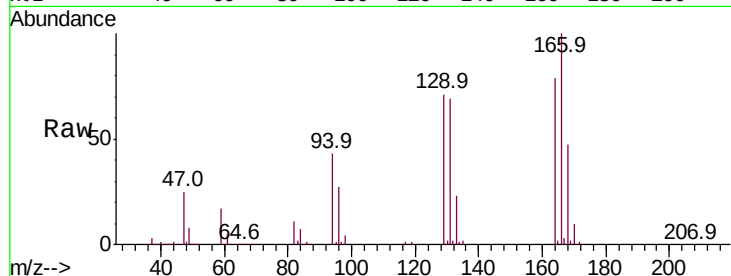
Ion Ratio Lower Upper

164 100

166 125.8 101.2 151.8

129 89.3 74.3 111.5

131 86.2 71.0 106.6



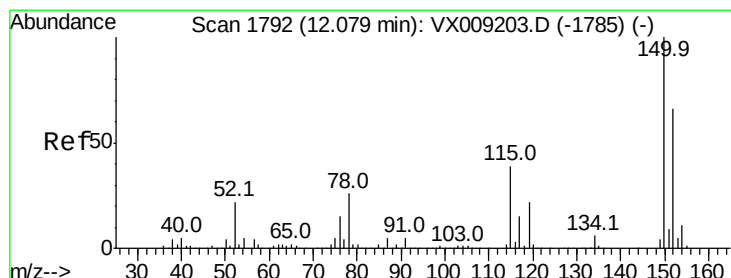
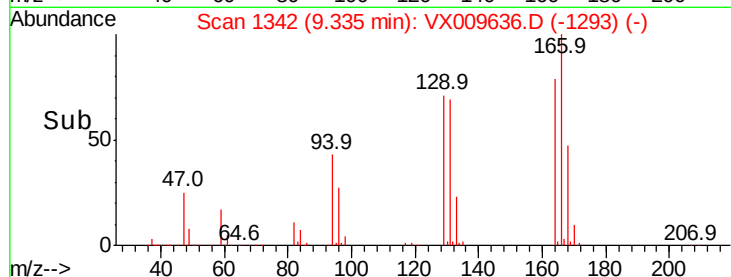
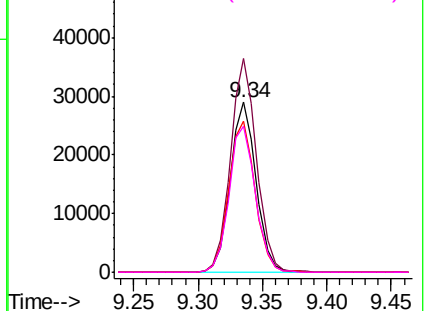
Abundance

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009636.D

Acq: 17 May 2019 03:17

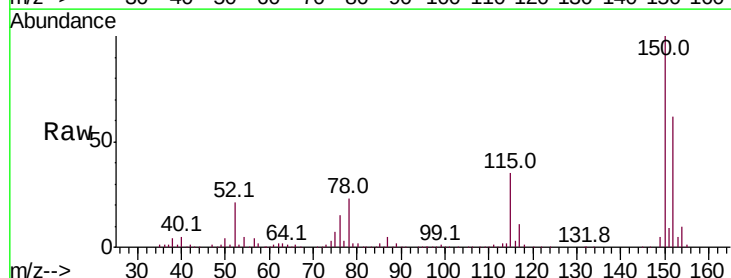
Tgt Ion:152 Resp: 102564

Ion Ratio Lower Upper

152 100

115 58.2 41.2 123.6

150 158.2 0.0 346.4



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

