

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019348.D
 Acq On : 06 Nov 2020 17:36
 Operator : JC/MD
 Sample : L4662-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-178-DUP-20201104

Quant Time: Nov 07 02:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

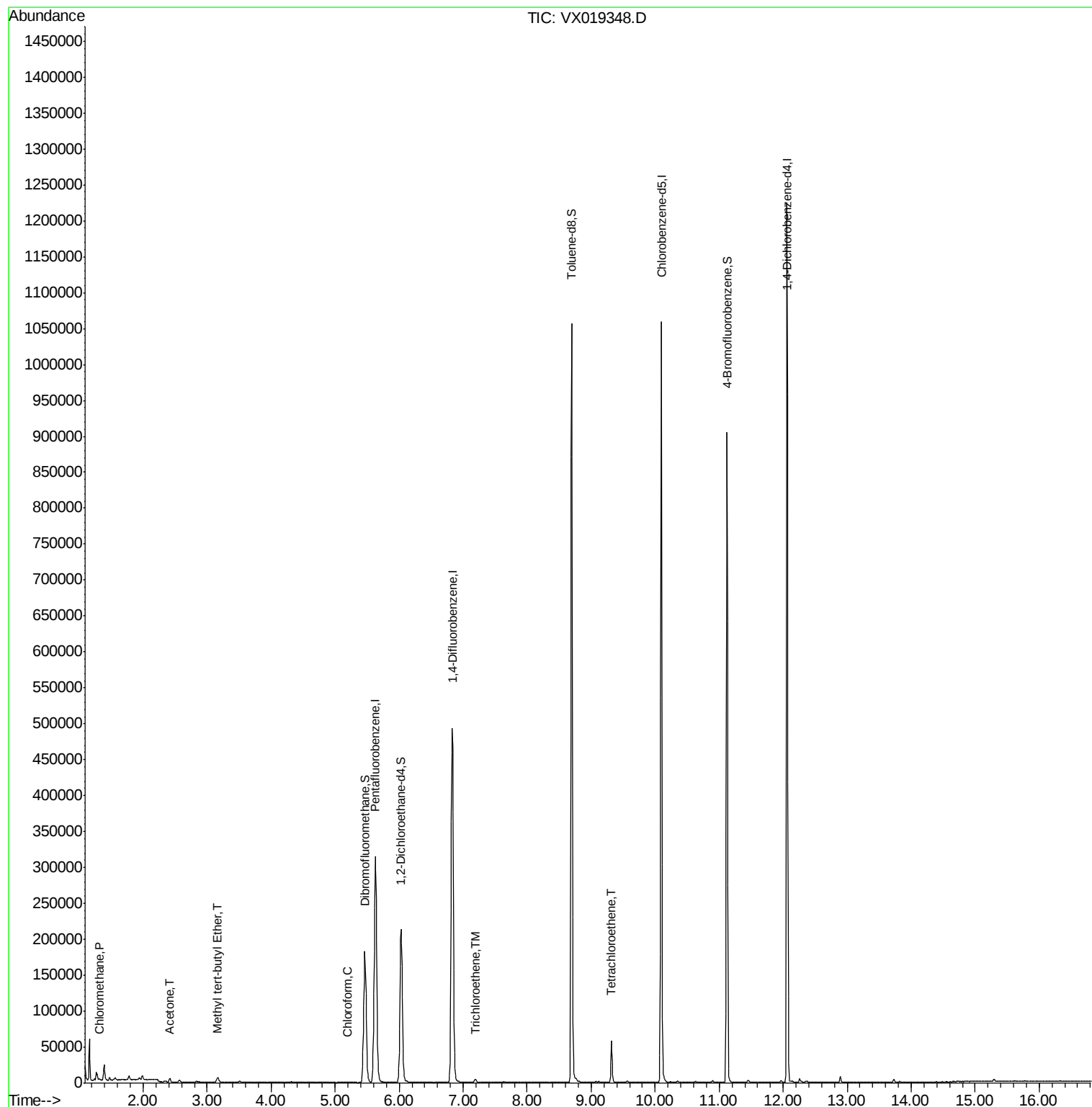
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	203856	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	5.46	113	159291	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	8.70	98	616872	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	242399	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
3) Chloromethane	1.31	50	861	0.320	ug/l	89
16) Acetone	2.42	43	5188	4.032	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	7379	0.760	ug/l #	80
30) Chloroform	5.18	83	1216	0.216	ug/l	86
44) Trichloroethene	7.19	130	1710	0.446	ug/l	97
64) Tetrachloroethene	9.32	164	10625	2.909	ug/l	95

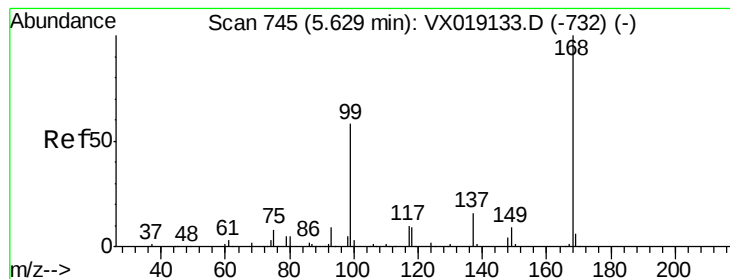
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

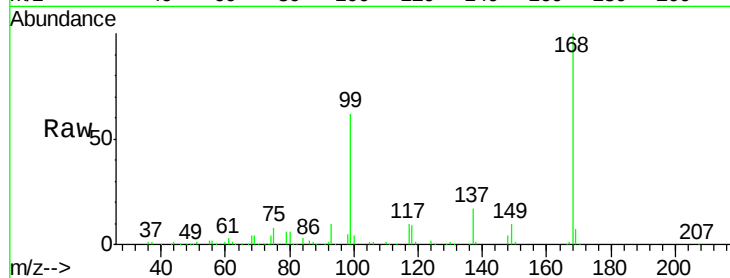
BP-VPB-178-DUP-20201104

Tot Ion:168 Resp: 289190

Ion Ratio Lower Upper

168 100

99 61.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

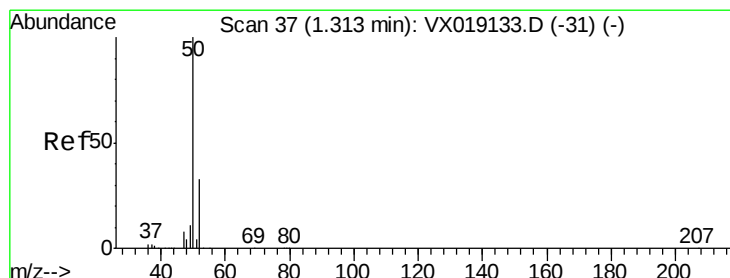
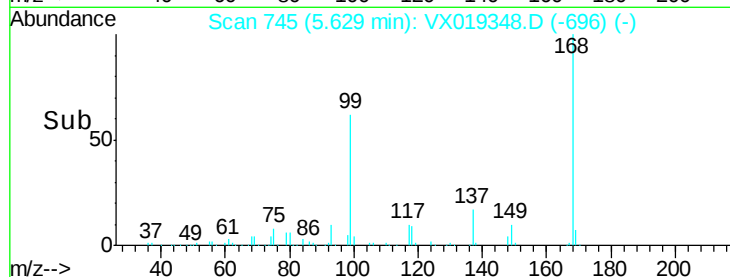
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.320 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019348.D

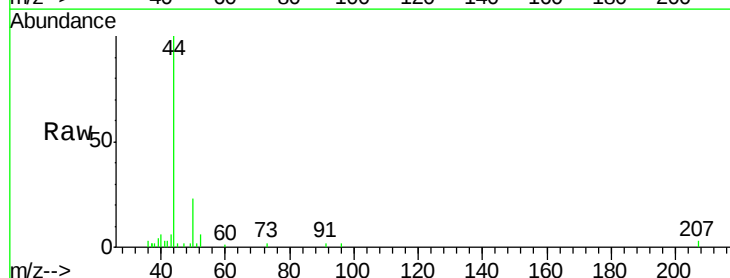
Acq: 06 Nov 2020 17:36

Tgt Ion: 50 Resp: 861

Ion Ratio Lower Upper

50 100

52 27.4 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

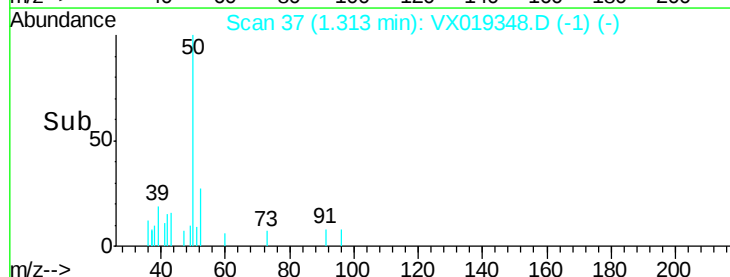
600

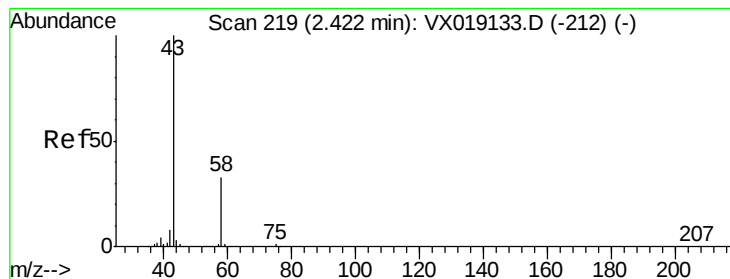
400

200

0

Time-->





#16

Acetone

Concen: 4.032 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

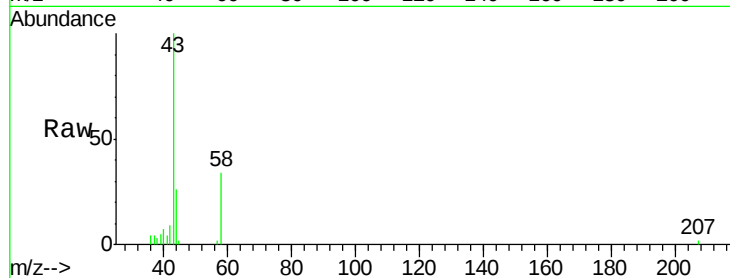
BP-VPB-178-DUP-20201104

Tot Ion: 43 Resp: 5188

Ion Ratio Lower Upper

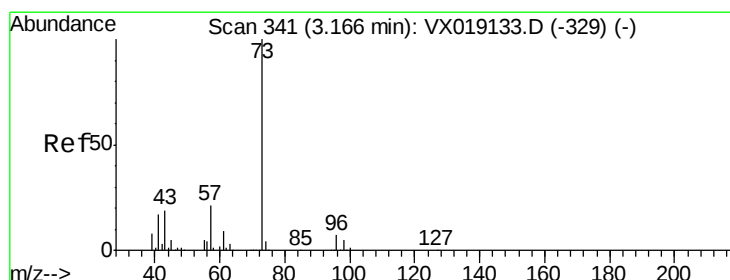
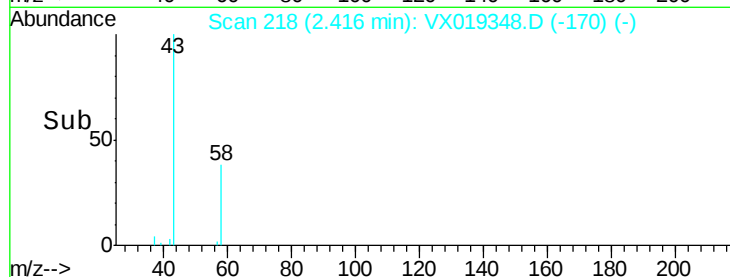
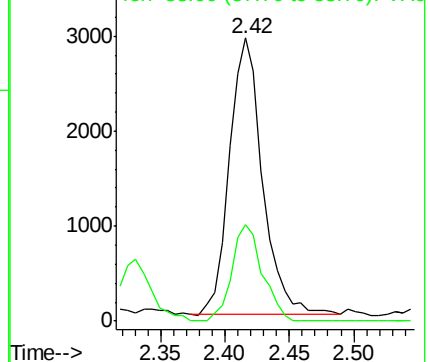
43 100

58 35.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.760 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019348.D

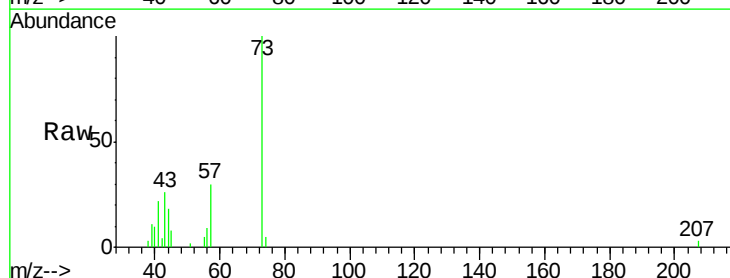
Acq: 06 Nov 2020 17:36

Tgt Ion: 73 Resp: 7379

Ion Ratio Lower Upper

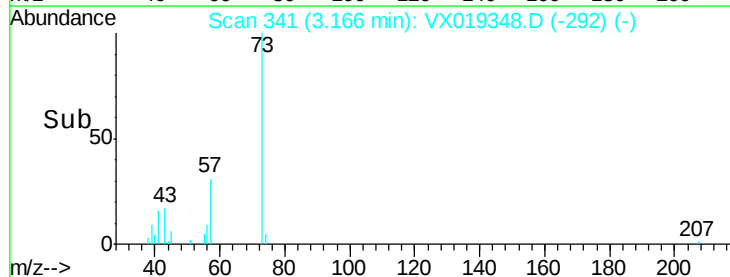
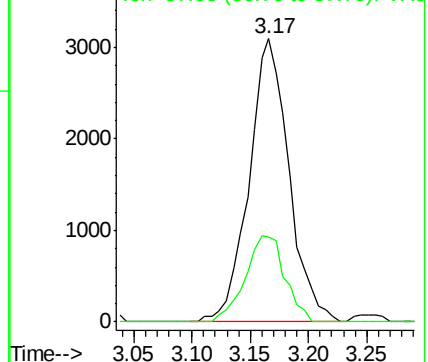
73 100

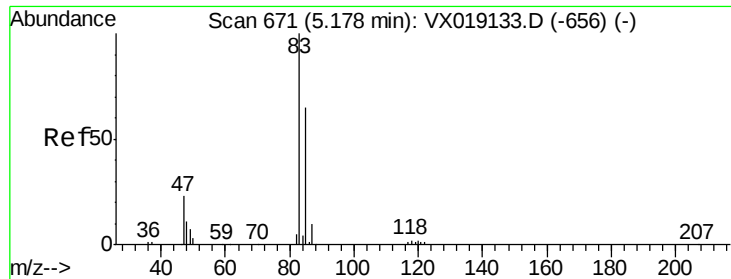
57 30.2 16.6 25.0#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

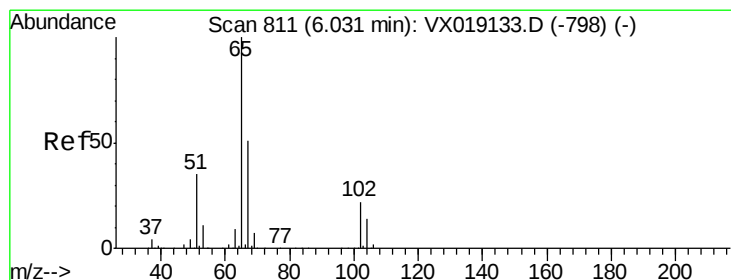
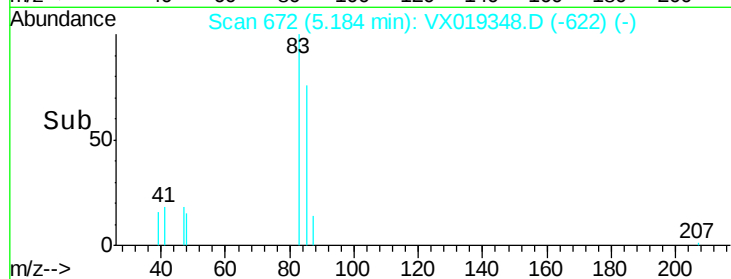
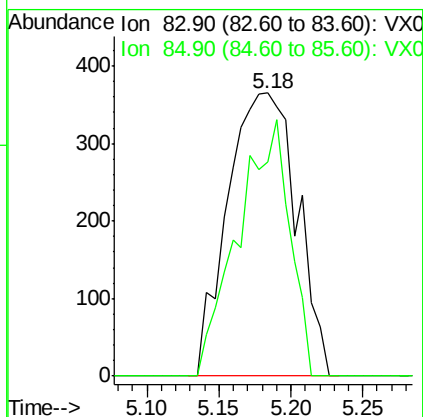
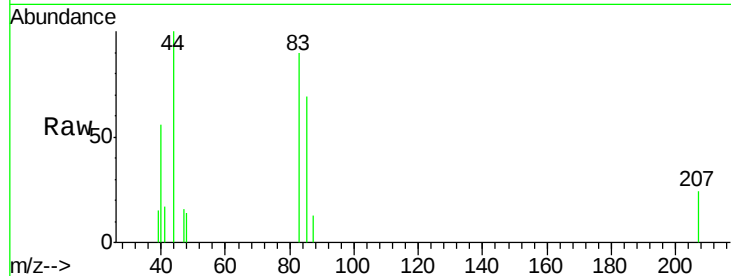




#30
Chloroform
Concen: 0.216 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX019348.D
Acq: 06 Nov 2020 17:36

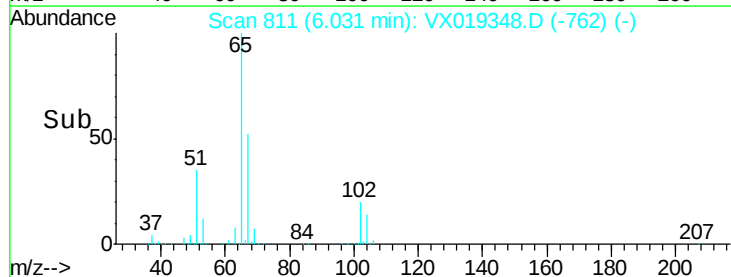
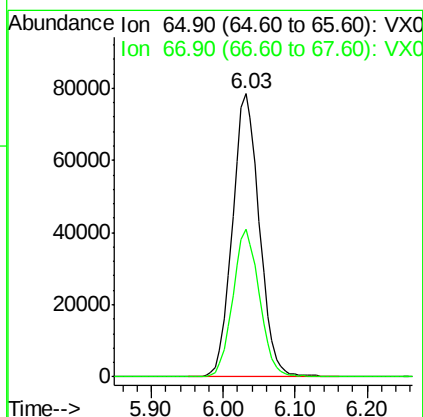
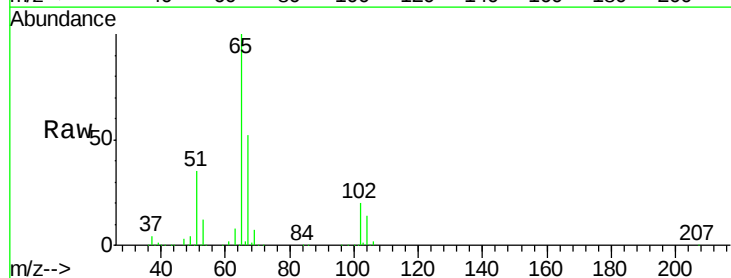
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-178-DUP-20201104

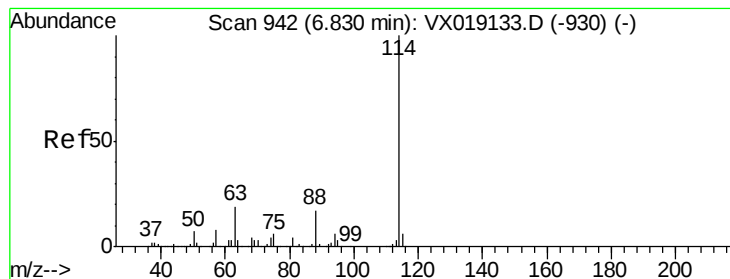
Tot Ion: 83 Resp: 1216
Ion Ratio Lower Upper
83 100
85 75.9 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 54.661 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019348.D
Acq: 06 Nov 2020 17:36

Tgt Ion: 65 Resp: 203856
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-178-DUP-20201104

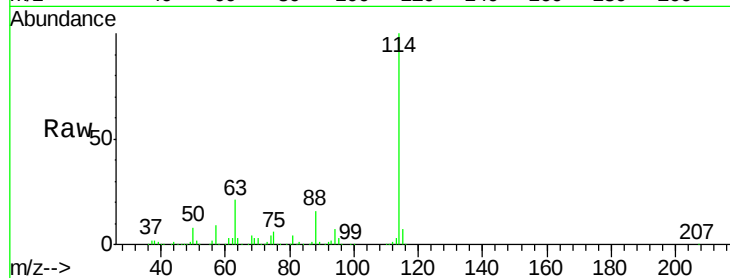
Tot Ion:114 Resp: 511825

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.8

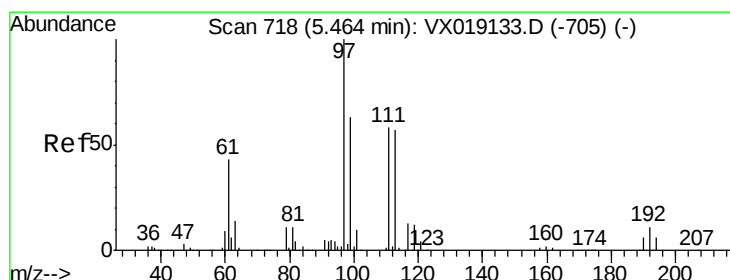
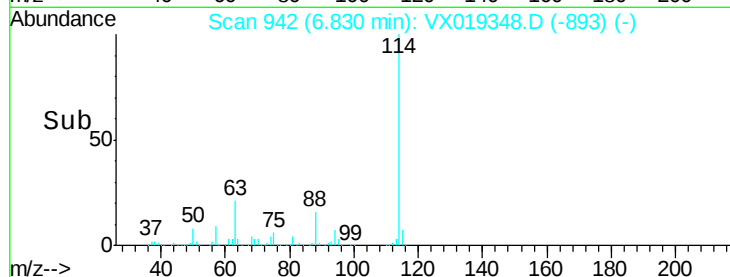
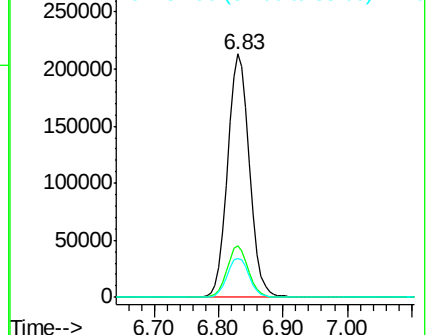
88 15.7 0.0 34.2



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: 49.547 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

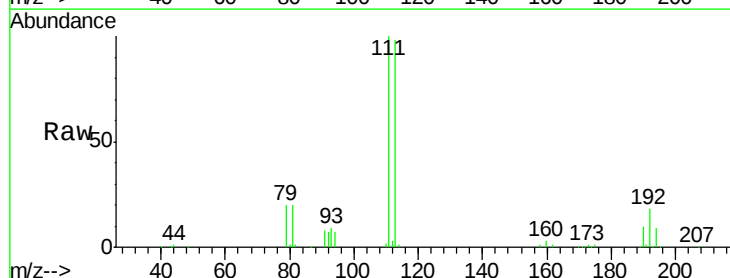
Tgt Ion:113 Resp: 159291

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

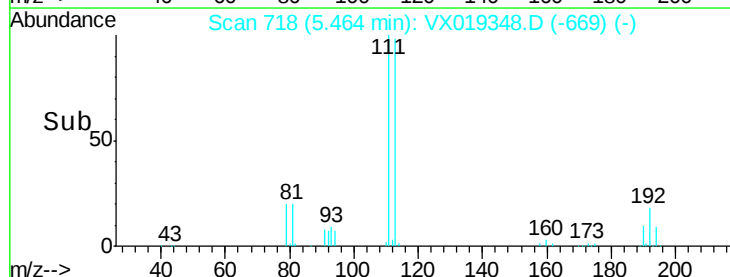
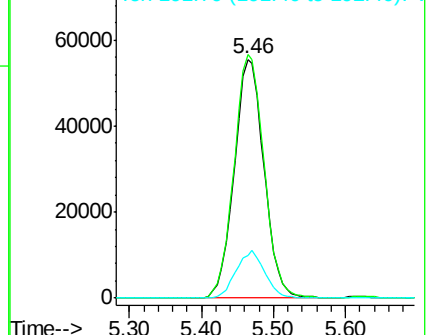
192 19.2 16.2 24.2

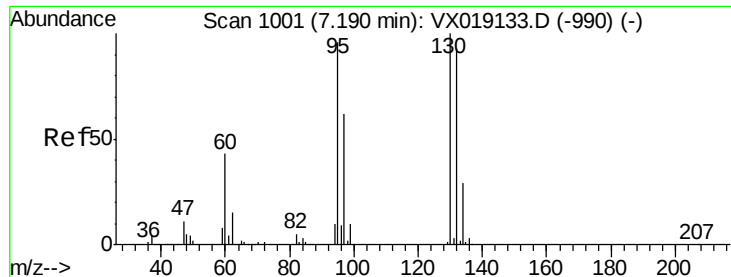


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.446 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

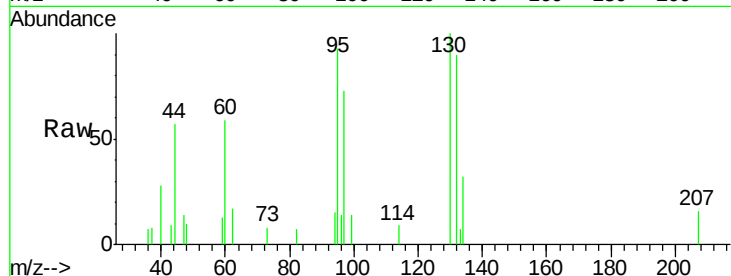
BP-VPB-178-DUP-20201104

Tot Ion:130 Resp: 1710

Ion Ratio Lower Upper

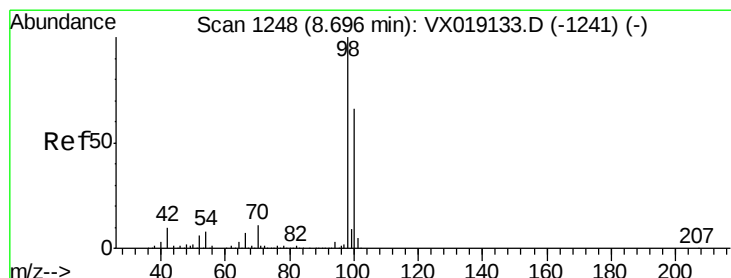
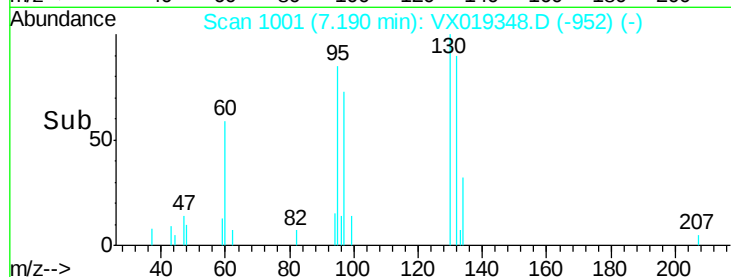
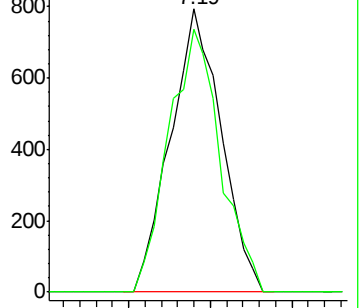
130 100

95 92.9 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.900 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019348.D

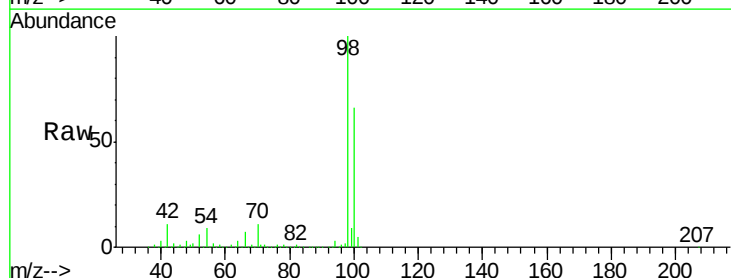
Acq: 06 Nov 2020 17:36

Tgt Ion: 98 Resp: 616872

Ion Ratio Lower Upper

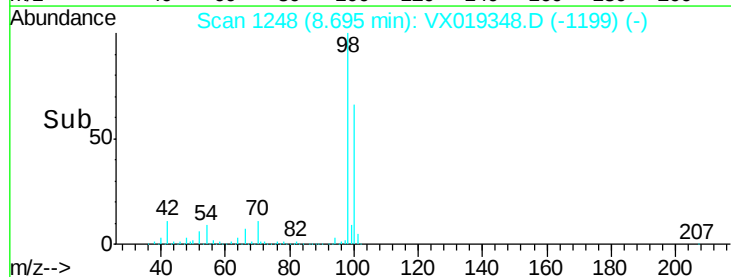
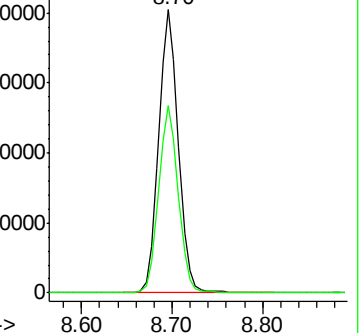
98 100

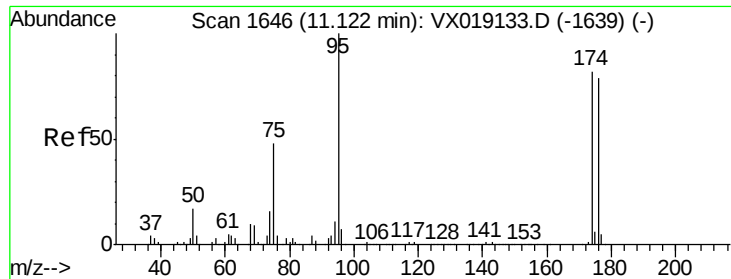
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.814 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

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BP-VPB-178-DUP-20201104

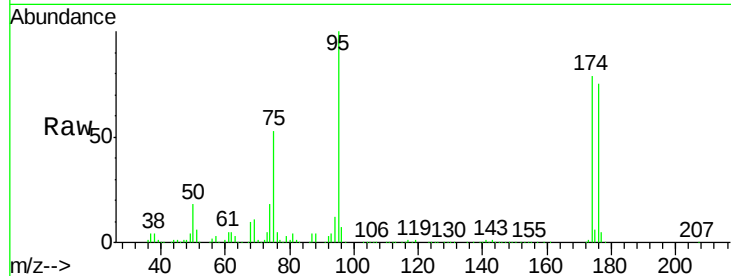
Tot Ion: 95 Resp: 242399

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

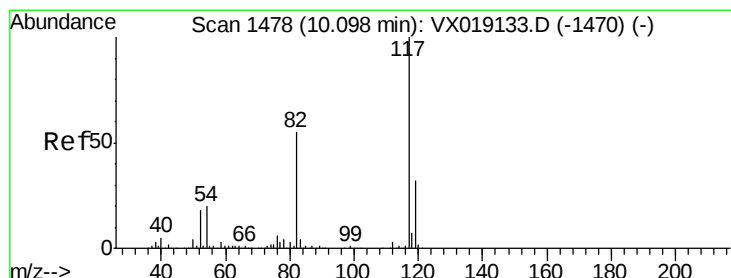
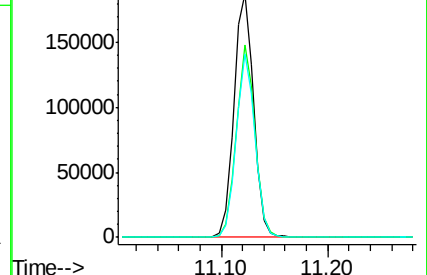
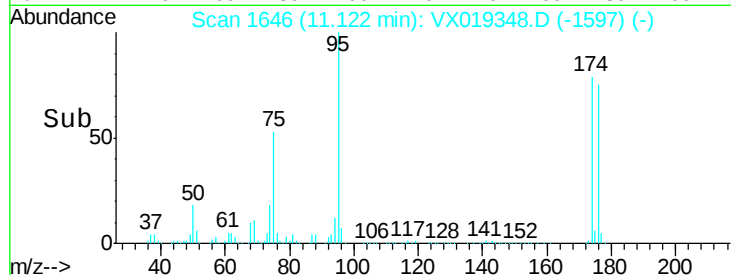
176 72.6 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019348.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019348.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019348.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

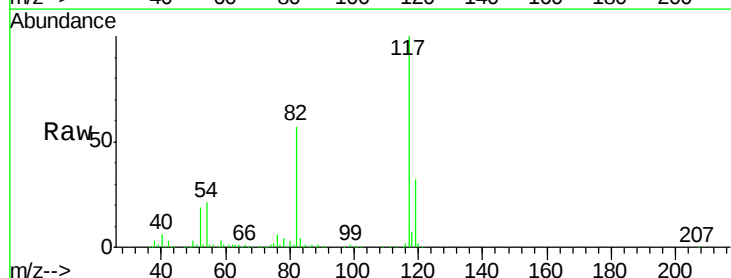
Tgt Ion: 117 Resp: 479371

Ion Ratio Lower Upper

117 100

82 57.1 43.6 65.4

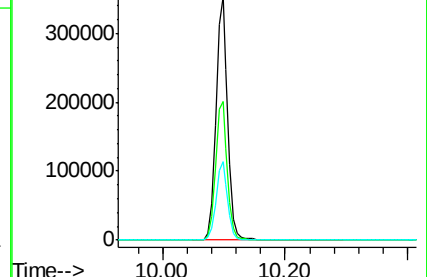
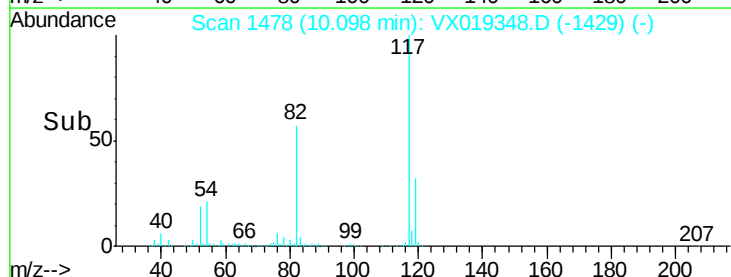
119 32.5 25.5 38.3

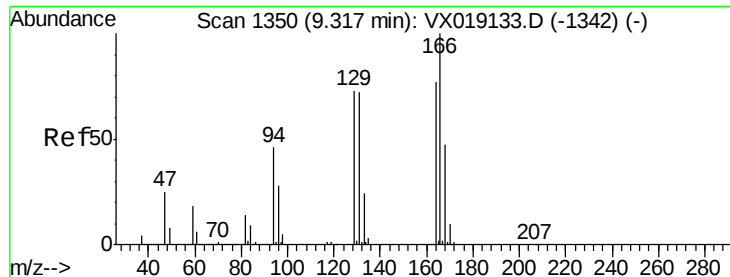


Abundance Ion 116.90 (116.60 to 117.60): VX019348.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019348.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019348.D (-1429) (-)





#64

Tetrachloroethene

Concen: 2.909 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-178-DUP-20201104

Tot Ion:164 Resp: 10625

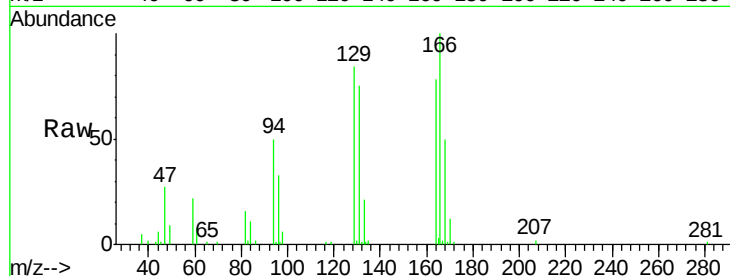
Ion Ratio Lower Upper

164 100

166 127.5 104.1 156.1

129 106.9 76.2 114.4

131 96.2 74.6 112.0

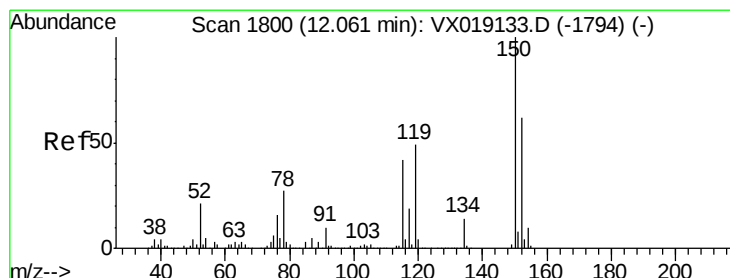
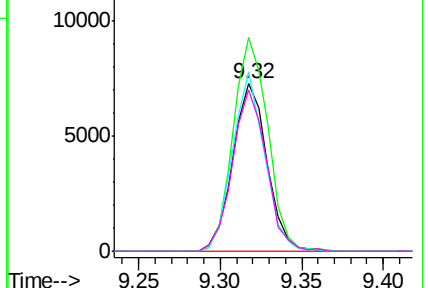
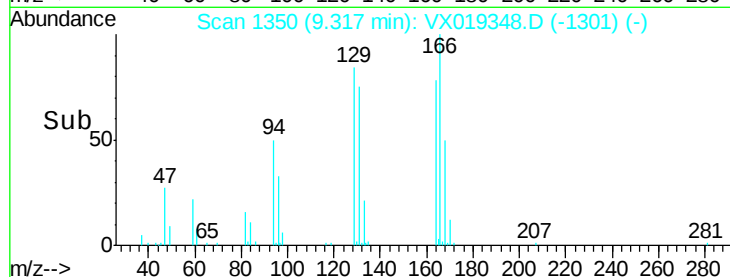


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019348.D

Acq: 06 Nov 2020 17:36

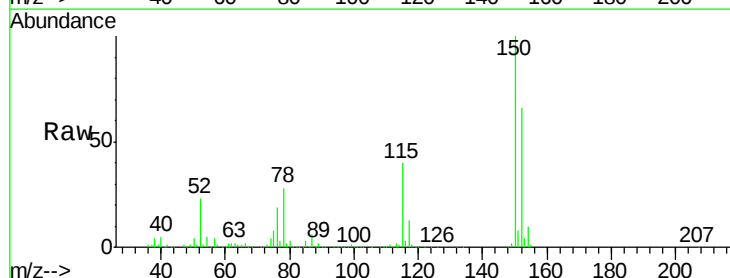
Tgt Ion:152 Resp: 244563

Ion Ratio Lower Upper

152 100

115 60.6 41.9 125.7

150 155.3 0.0 347.8



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

