

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009441.D
 Acq On : 09 May 2019 20:28
 Operator : JC/SP
 Sample : K2786-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-298-300

Quant Time: May 10 08:18:26 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

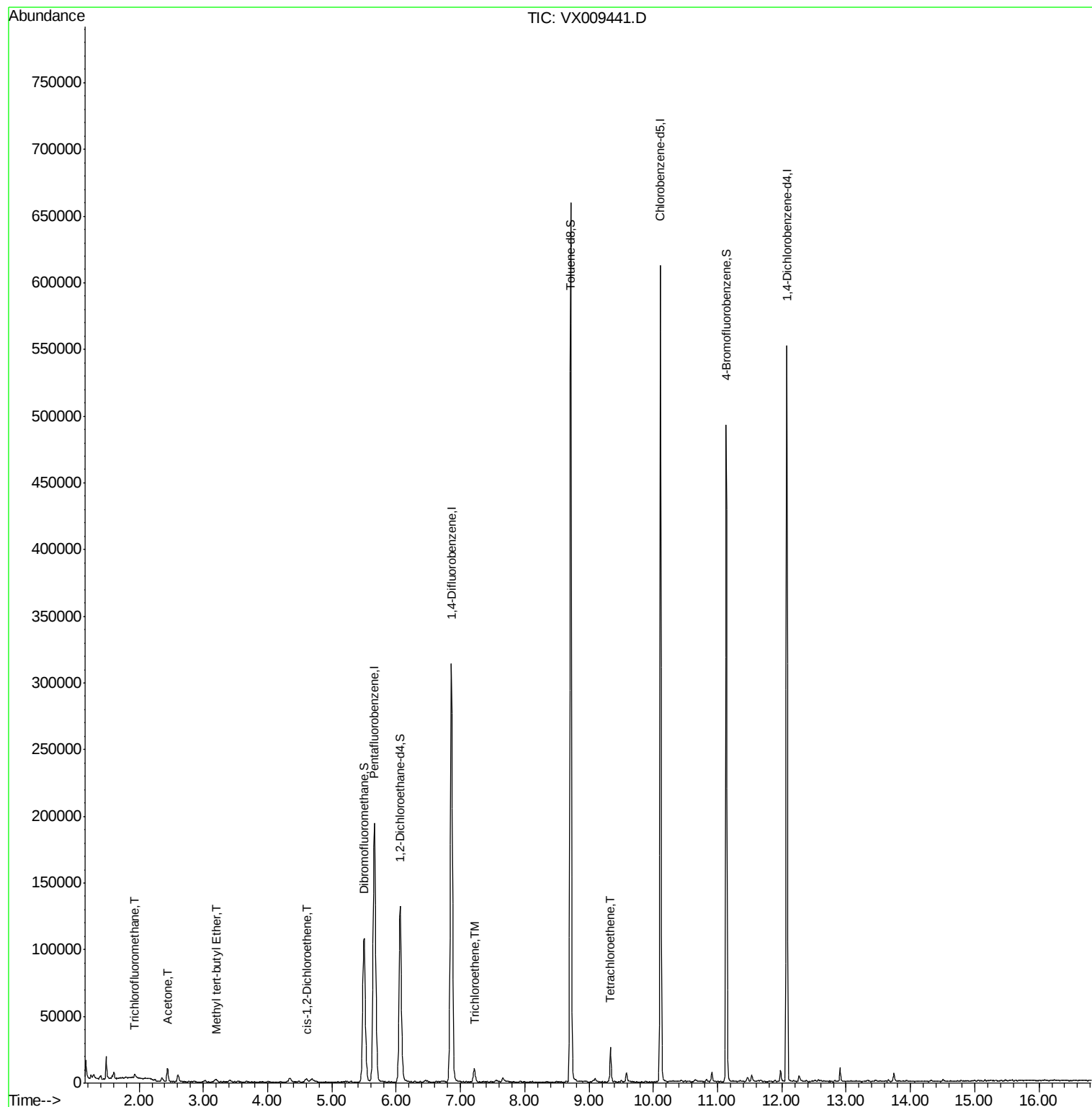
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124373	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	93571	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	378609	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	125770	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.93	101	1801	0.634	ug/l	99
16) Acetone	2.44	43	10047	7.198	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1841	0.265	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	1179	0.510	ug/l	91
44) Trichloroethene	7.21	130	3817	1.790	ug/l	99
64) Tetrachloroethene	9.34	164	4748	2.582	ug/l	92

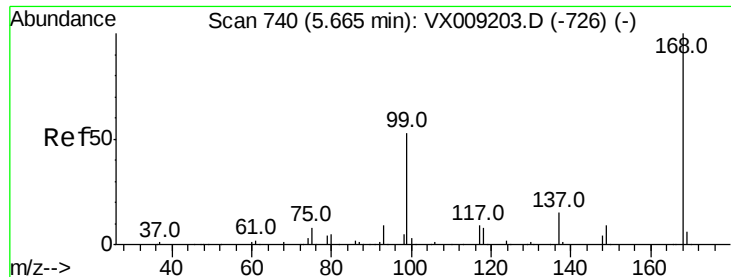
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB202-GW-298-300

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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: VX009441.D

Acq: 09 May 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

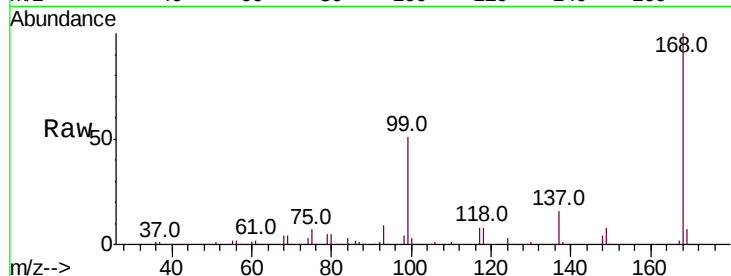
BP-VPB202-GW-298-300

Tot Ion:168 Resp: 190416

Ion Ratio Lower Upper

168 100

99 50.9 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

80000

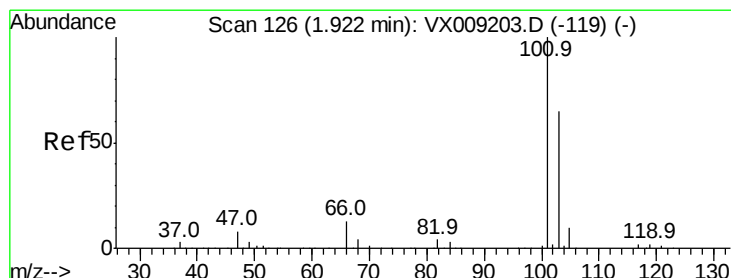
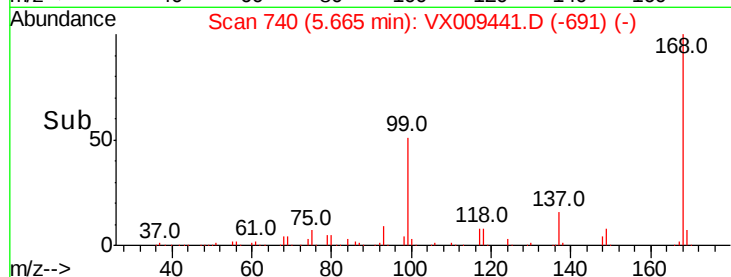
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 0.634 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX009441.D

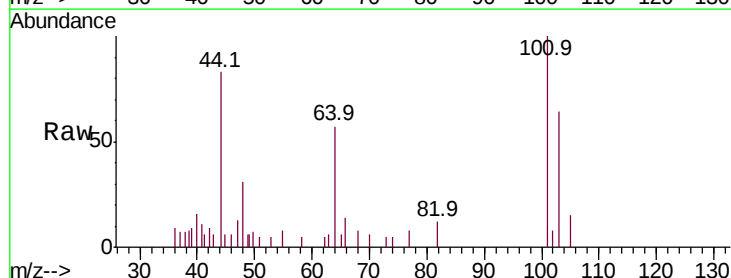
Acq: 09 May 2019 20:28

Tgt Ion:101 Resp: 1801

Ion Ratio Lower Upper

101 100

103 64.3 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

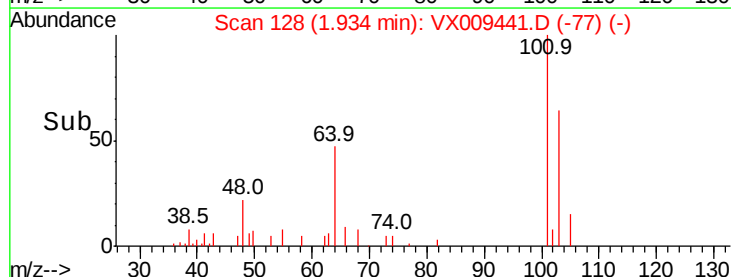
1.93

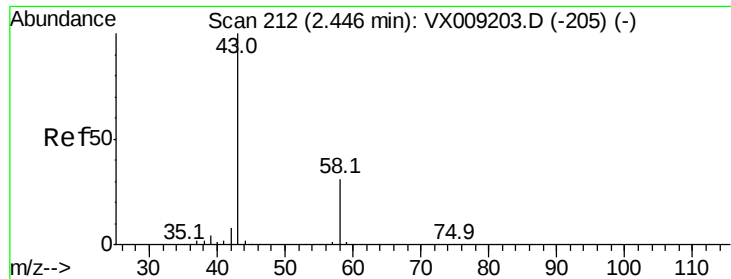
1000

500

0

Time--> 1.90 1.95 2.00





#16

Acetone

Concen: 7.198 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009441.D

Acq: 09 May 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

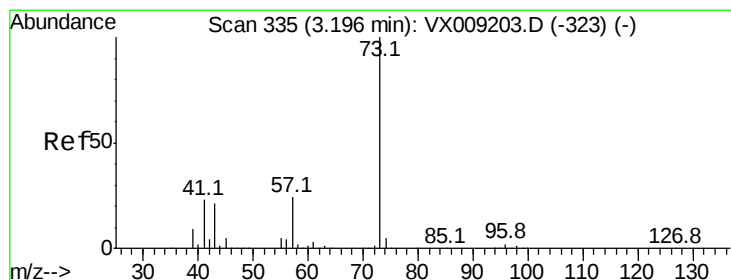
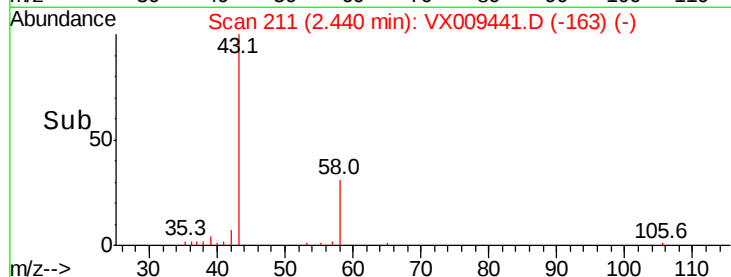
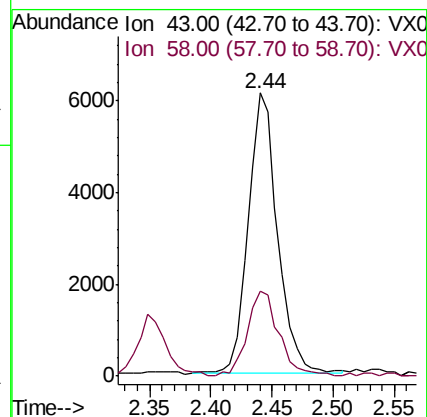
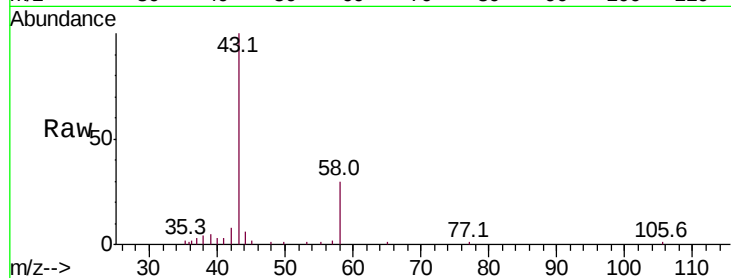
BP-VPB202-GW-298-300

Tot Ion: 43 Resp: 10047

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 0.265 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX009441.D

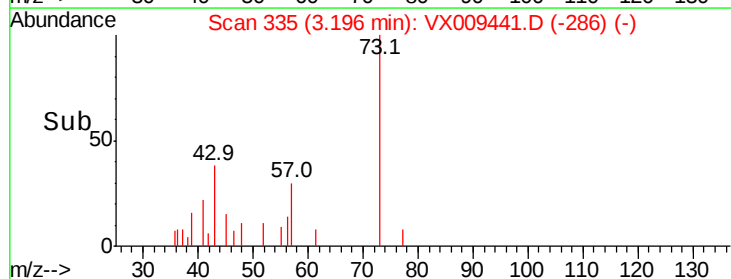
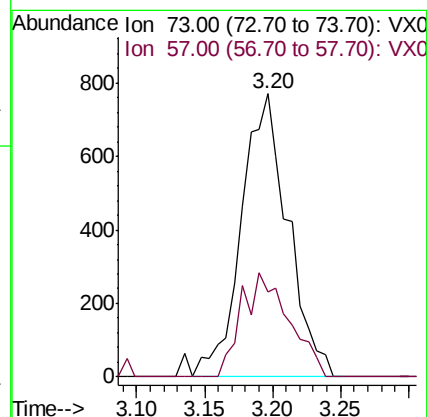
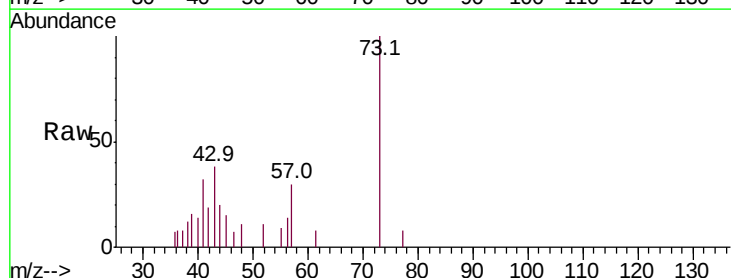
Acq: 09 May 2019 20:28

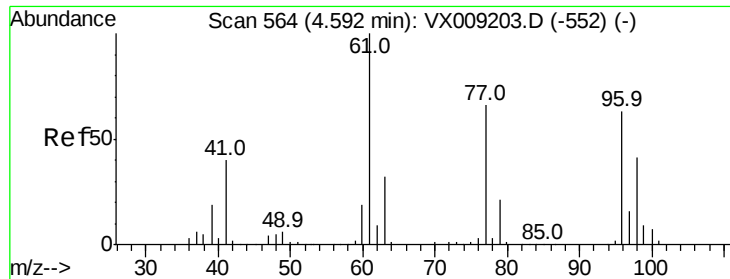
Tgt Ion: 73 Resp: 1841

Ion Ratio Lower Upper

73 100

57 30.1 19.3 28.9#



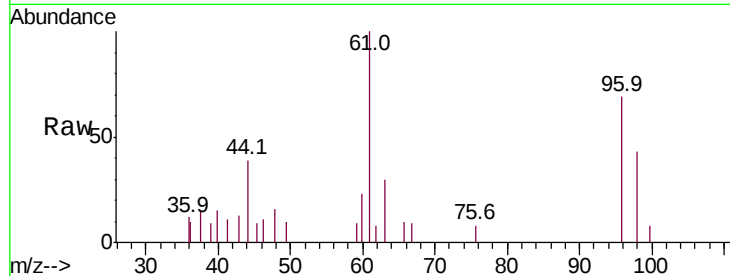


#27

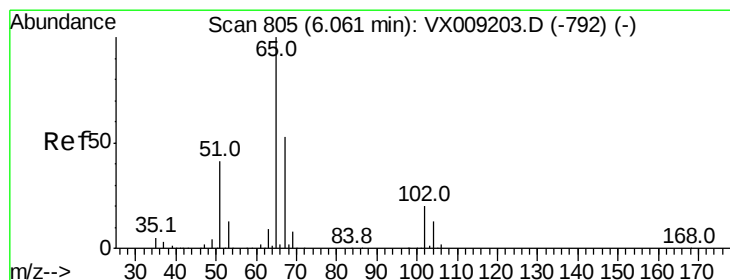
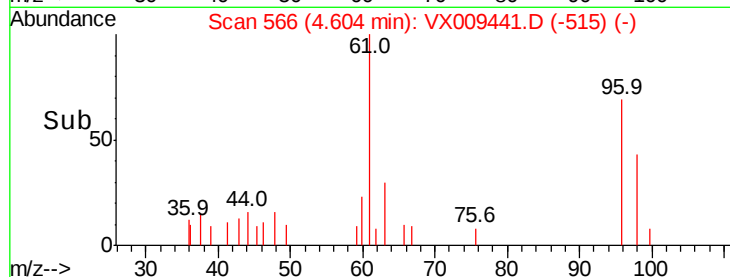
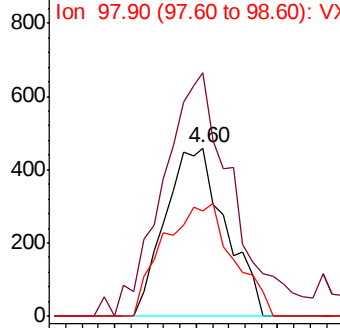
cis-1,2-Dichloroethene
 Concen: 0.510 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-298-300

Tot Ion: 96 Resp: 1179
 Ion Ratio Lower Upper
 96 100
 61 170.7 0.0 324.0
 98 77.6 0.0 130.4



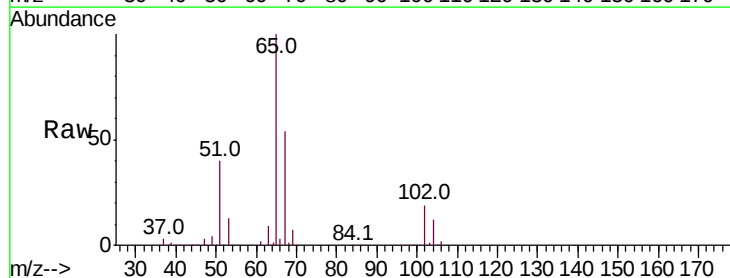
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



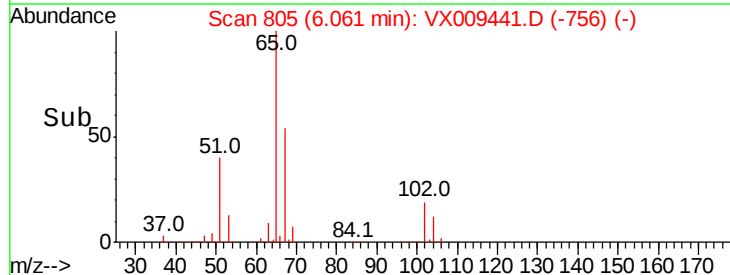
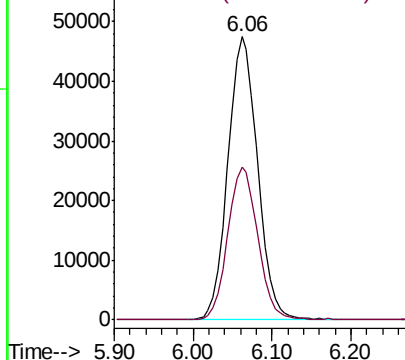
#33

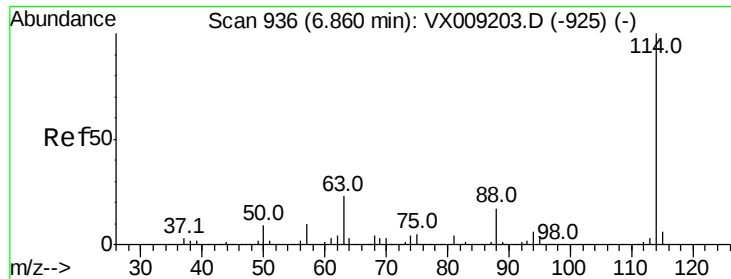
1,2-Dichloroethane-d4
 Concen: 47.847 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Tgt Ion: 65 Resp: 124373
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

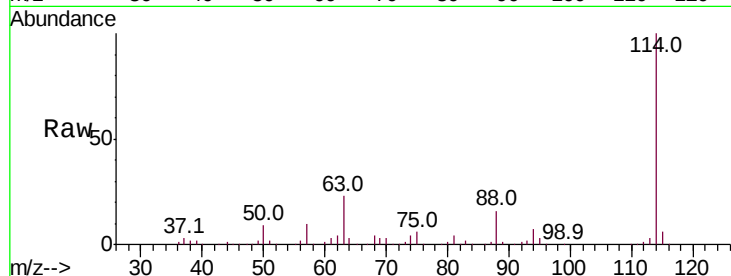




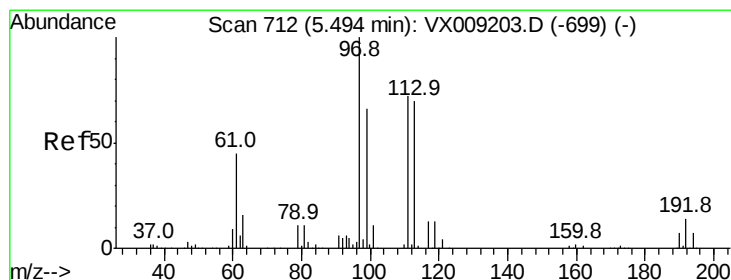
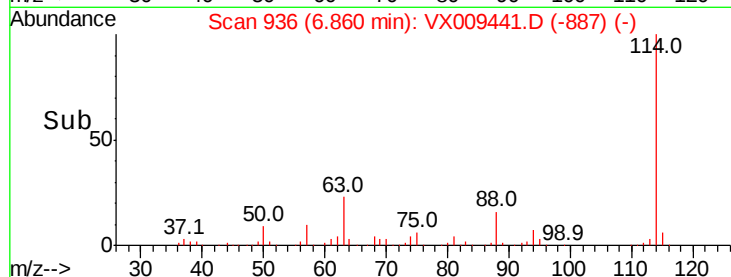
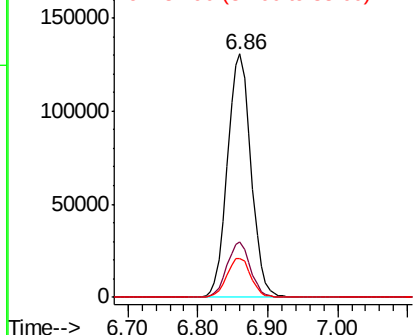
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-298-300

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.1	0.0	33.2

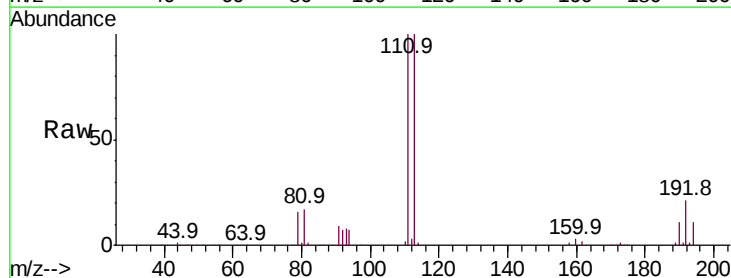


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

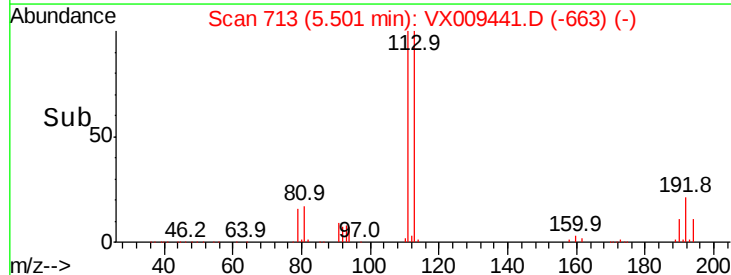
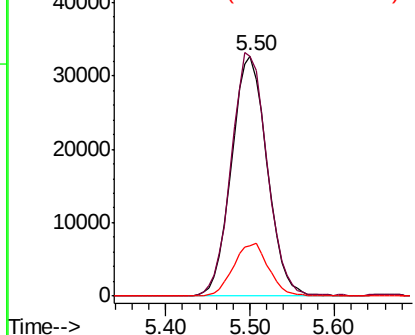


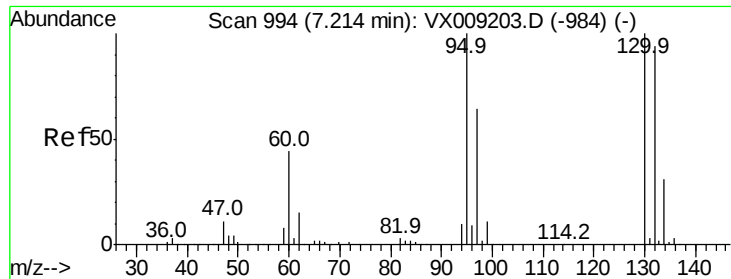
#35
 Dibromofluoromethane
 Concen: 48.521 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	21.6	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

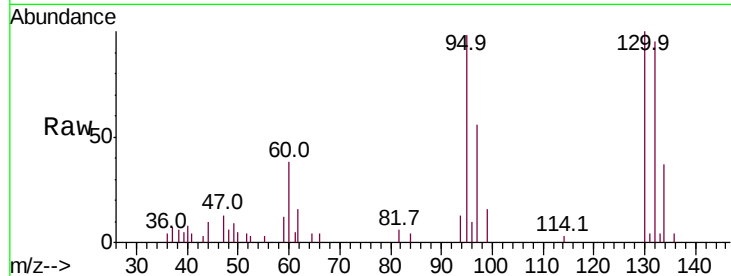




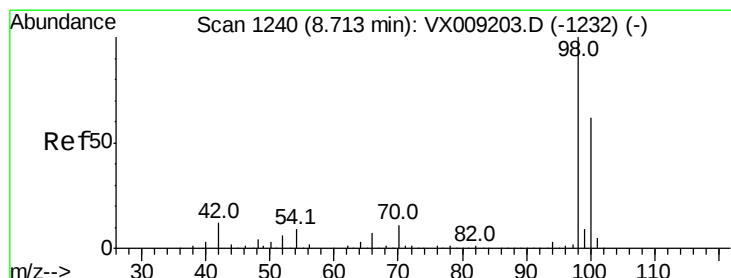
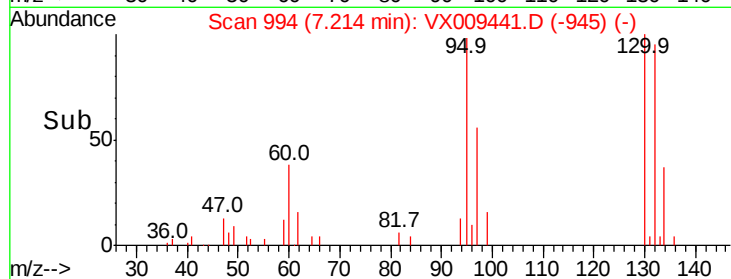
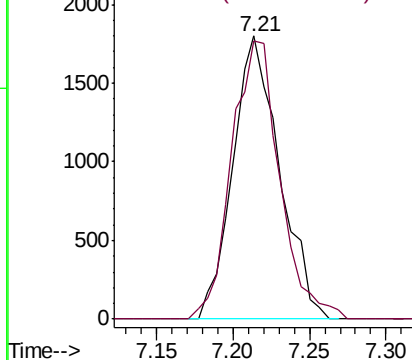
#44
 Trichloroethene
 Concen: 1.790 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-298-300

Tot Ion:130 Resp: 3817
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 199.2

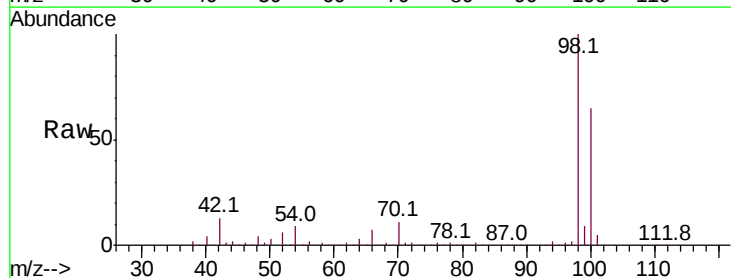


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

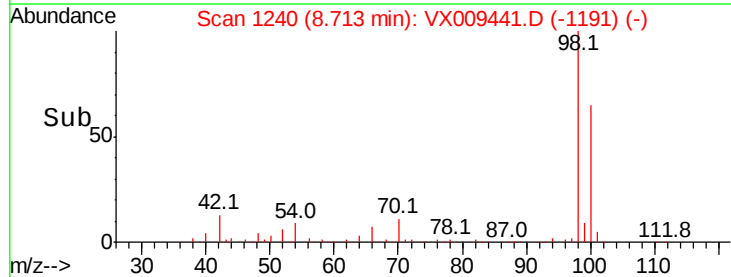
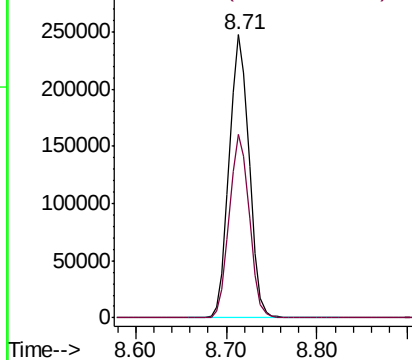


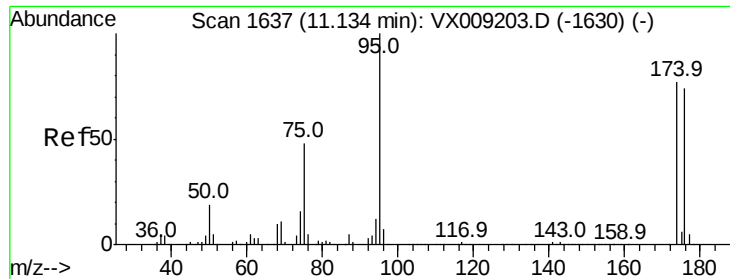
#50
 Toluene-d8
 Concen: 48.629 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009441.D
 Acq: 09 May 2019 20:28

Tgt Ion: 98 Resp: 378609
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.457 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009441.D

Acq: 09 May 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-298-300

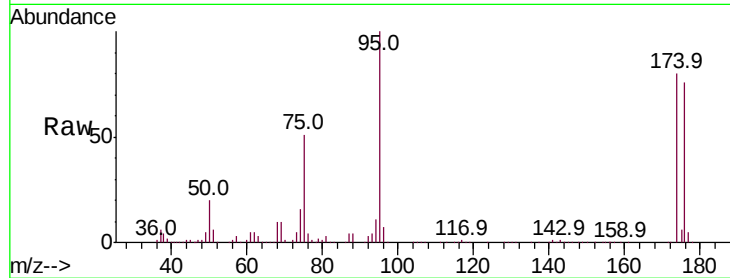
Tot Ion: 95 Resp: 125770

Ion Ratio Lower Upper

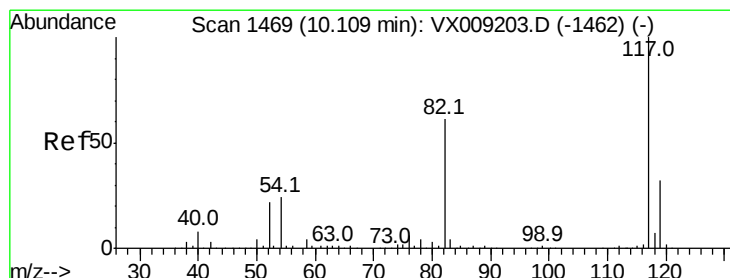
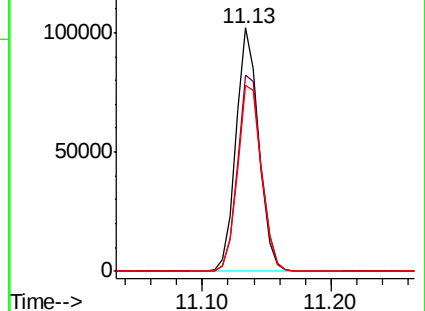
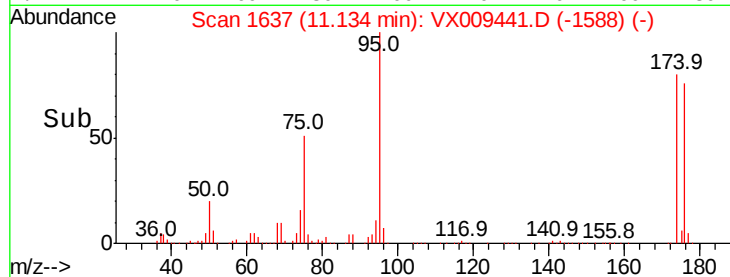
95 100

174 84.0 0.0 161.6

176 80.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009441.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009441.D

Acq: 09 May 2019 20:28

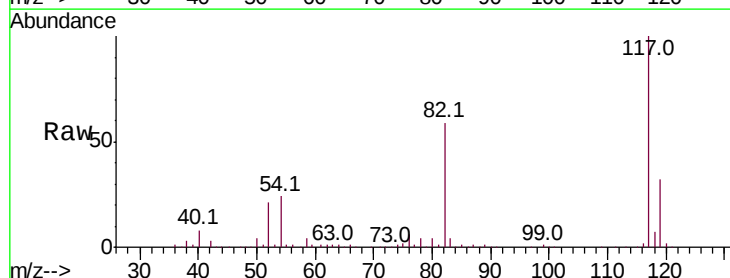
Tgt Ion: 117 Resp: 268090

Ion Ratio Lower Upper

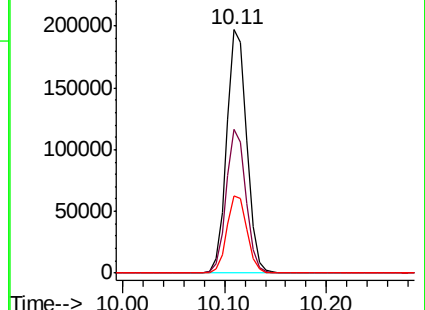
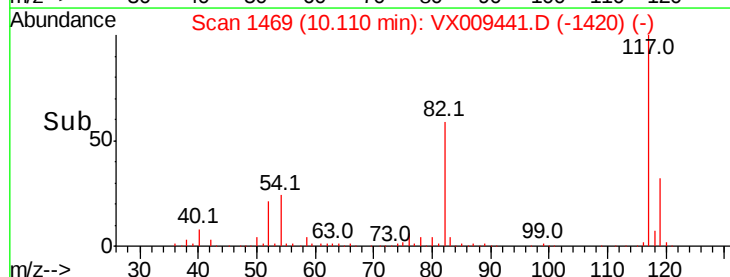
117 100

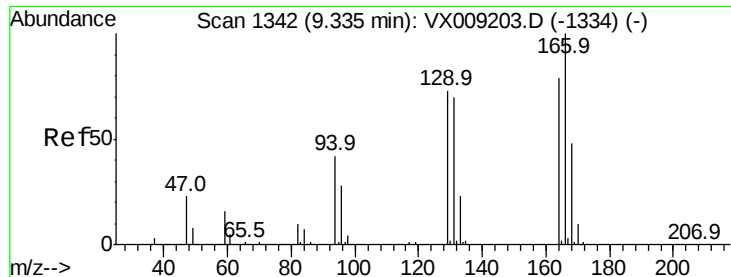
82 58.8 48.8 73.2

119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009441.D (-1420) (-)





#64

Tetrachloroethene

Concen: 2.582 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009441.D

Acq: 09 May 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-298-300

Tot Ion:164 Resp: 4748

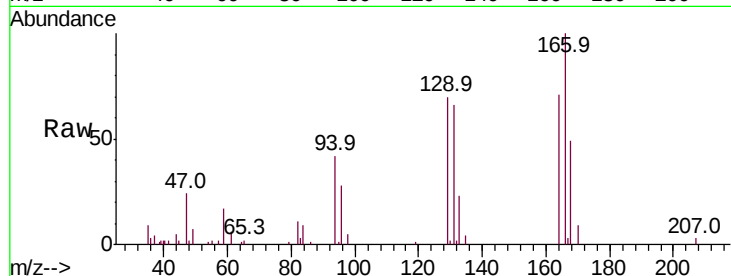
Ion Ratio Lower Upper

164 100

166 140.4 101.2 151.8

129 97.6 74.3 111.5

131 92.3 71.0 106.6

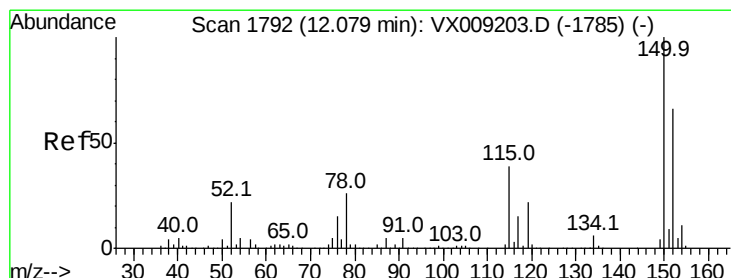
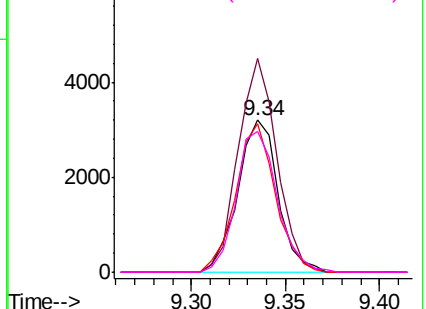
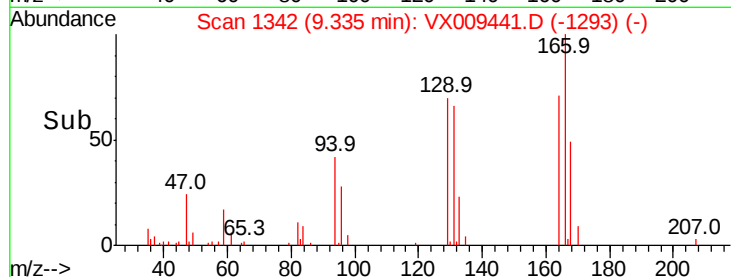


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009441.D

Acq: 09 May 2019 20:28

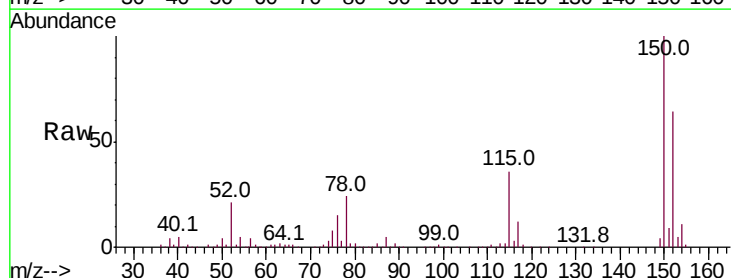
Tgt Ion:152 Resp: 114393

Ion Ratio Lower Upper

152 100

115 58.5 41.2 123.6

150 157.5 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

