

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013621.D
 Acq On : 27 Nov 2019 00:46
 Operator : JC/SP
 Sample : K5962-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

Quant Time: Nov 27 05:35:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

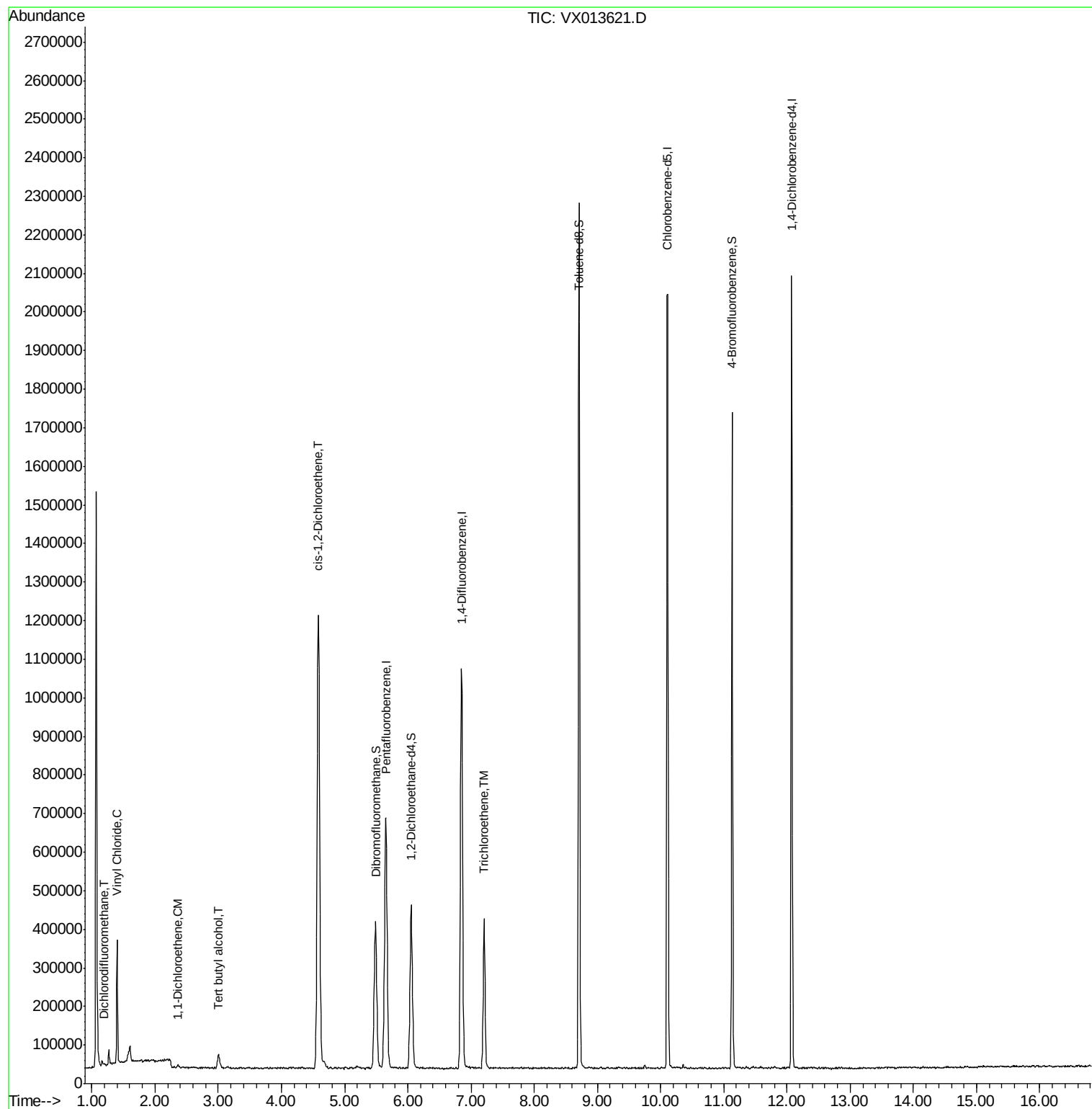
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	681076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	963345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	393651	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	325718	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	1293124	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.14	95	435077	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	3558	0.469	ug/l	94
4) Vinyl Chloride	1.40	62	189464	19.790	ug/l	98
11) Tert butyl alcohol	3.01	59	24462	12.536	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	2807	0.433	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	765577	94.413	ug/l	89
44) Trichloroethene	7.21	130	157681	19.005	ug/l	95

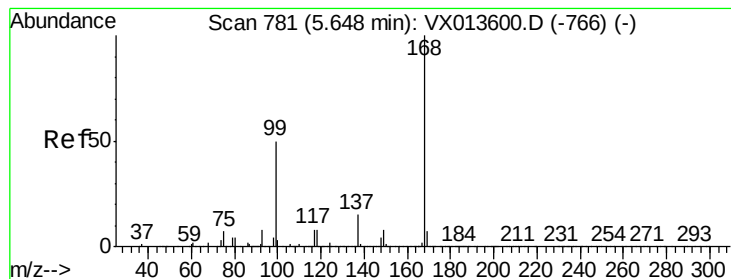
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
Data File : VX013621.D
Acq On : 27 Nov 2019 00:46
Operator : JC/SP
Sample : K5962-01 100X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20191120

Quant Time: Nov 27 05:35:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

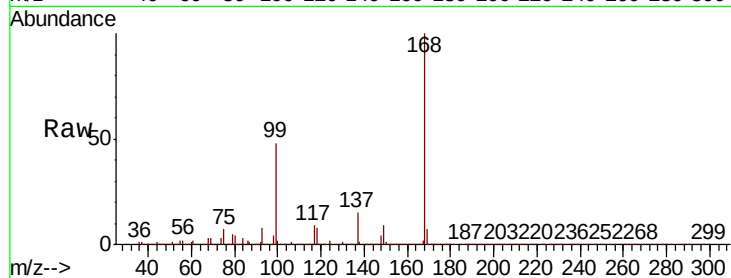
BRP2-20191120

Tot Ion:168 Resp: 681076

Ion Ratio Lower Upper

168 100

99 48.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

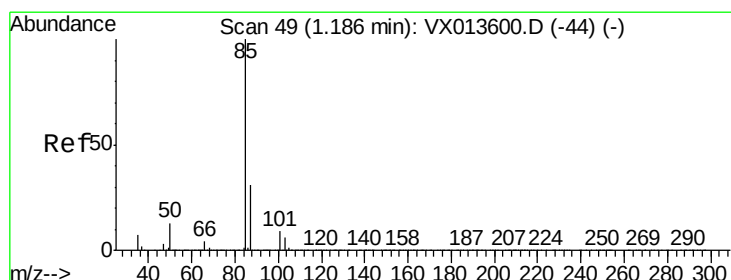
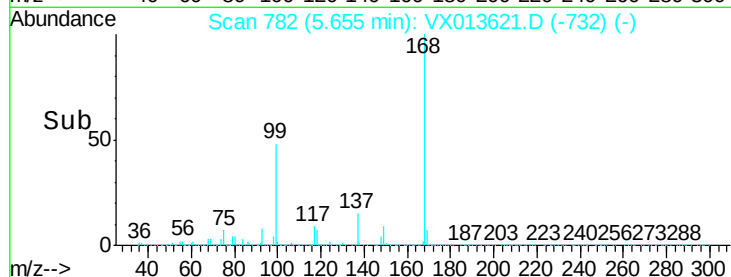
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.469 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013621.D

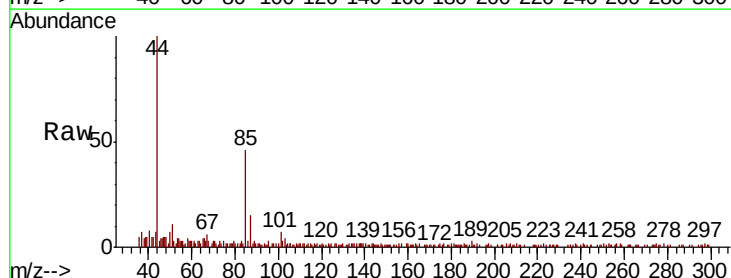
Acq: 27 Nov 2019 00:46

Tgt Ion: 85 Resp: 3558

Ion Ratio Lower Upper

85 100

87 28.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

4000

3000

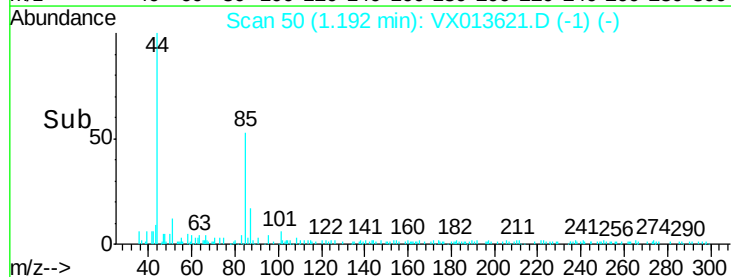
2000

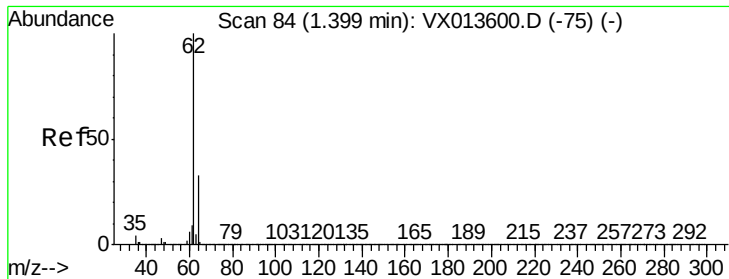
1000

0

Time-->

1.16 1.18 1.20 1.22 1.24





#4

Vinyl Chloride

Concen: 19.790 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

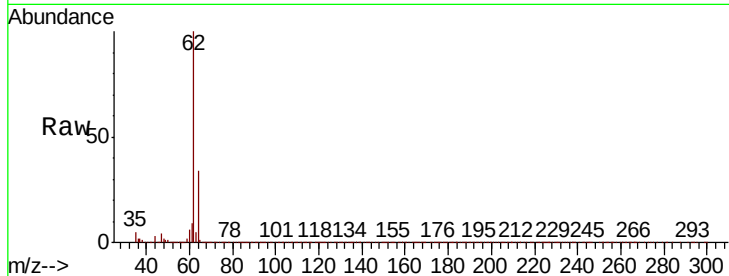
BRP2-20191120

Tot Ion: 62 Resp: 189464

Ion Ratio Lower Upper

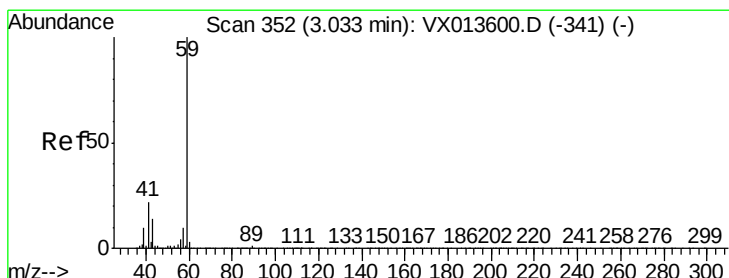
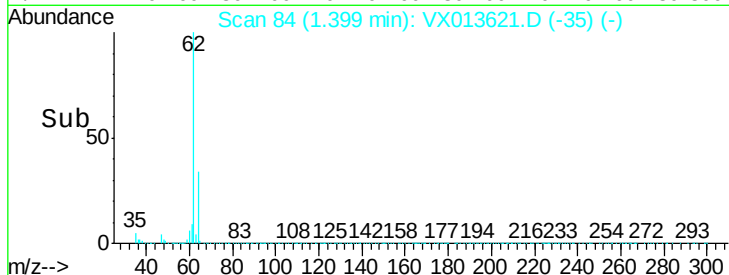
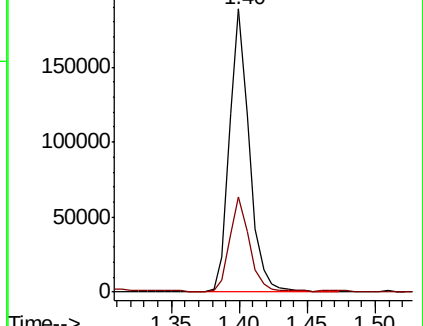
62 100

64 33.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#11

Tert butyl alcohol

Concen: 12.536 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.02 min

Lab File: VX013621.D

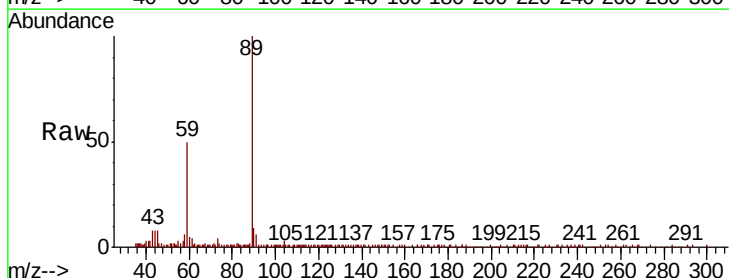
Acq: 27 Nov 2019 00:46

Tgt Ion: 59 Resp: 24462

Ion Ratio Lower Upper

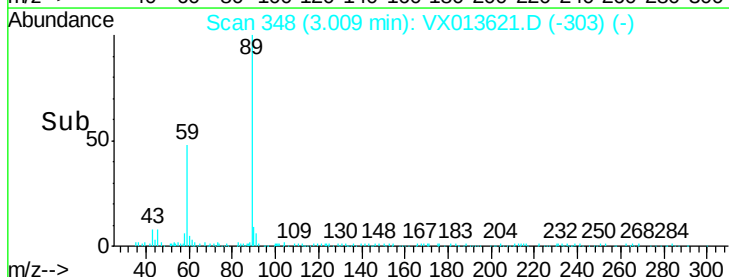
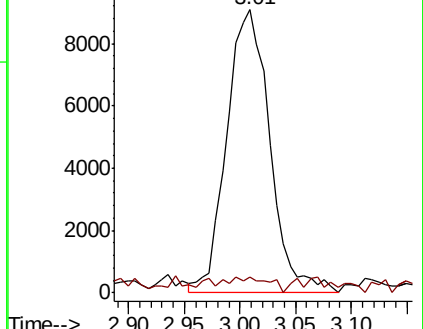
59 100

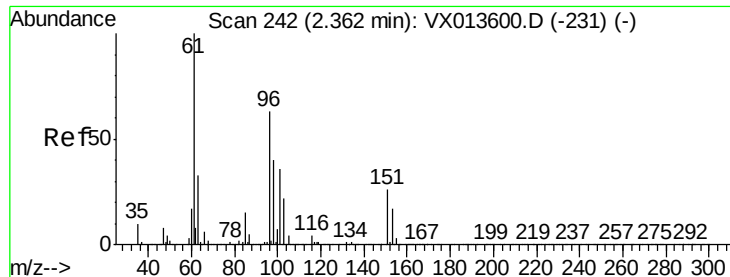
57 5.5 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.433 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

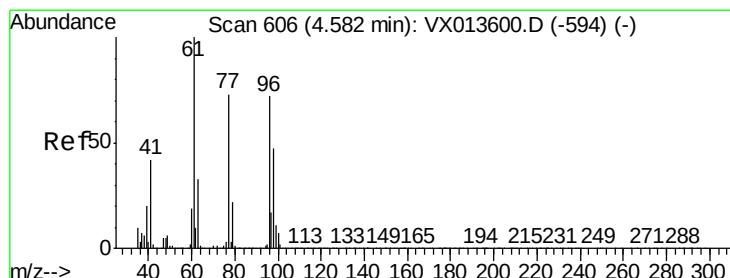
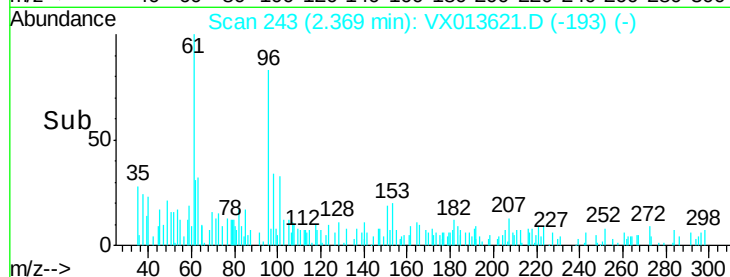
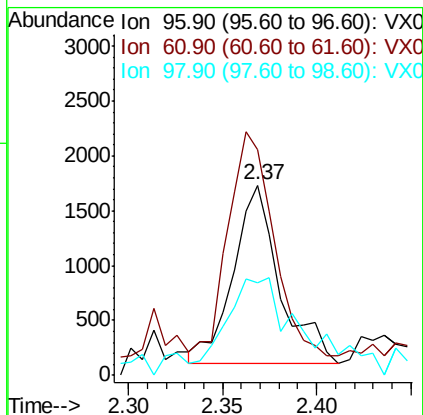
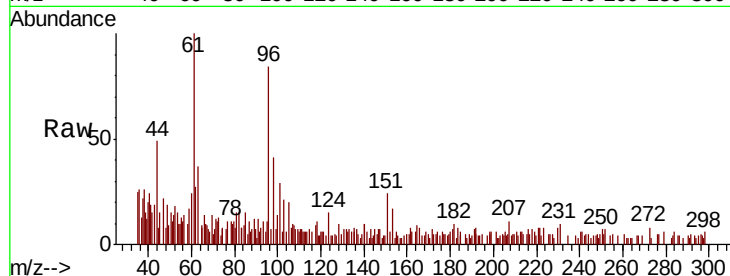
Tot Ion: 96 Resp: 2807

Ion Ratio Lower Upper

96 100

61 123.2 126.6 190.0#

98 47.9 50.6 76.0#



#27

cis-1,2-Dichloroethene

Concen: 94.413 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

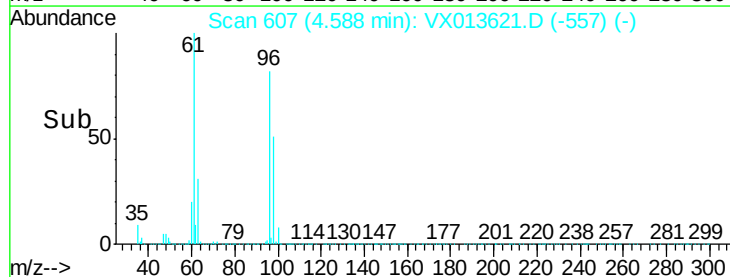
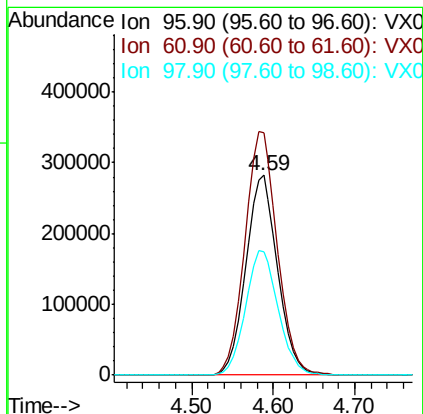
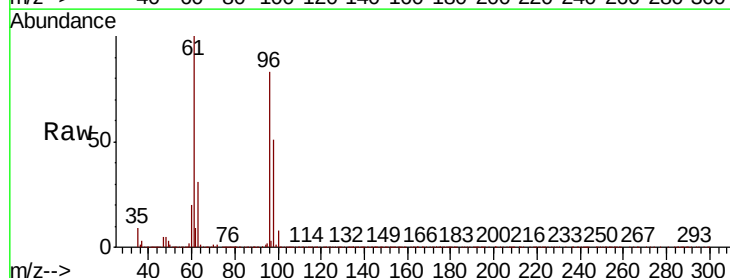
Tgt Ion: 96 Resp: 765577

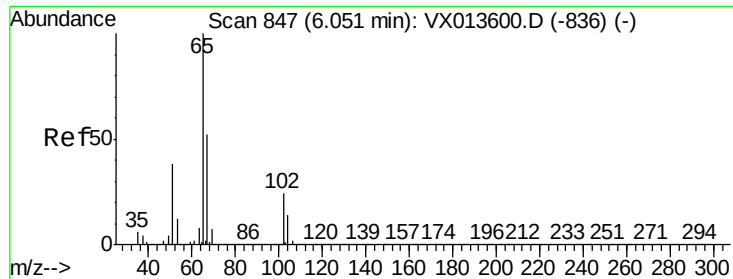
Ion Ratio Lower Upper

96 100

61 124.1 0.0 286.4

98 64.0 0.0 127.4

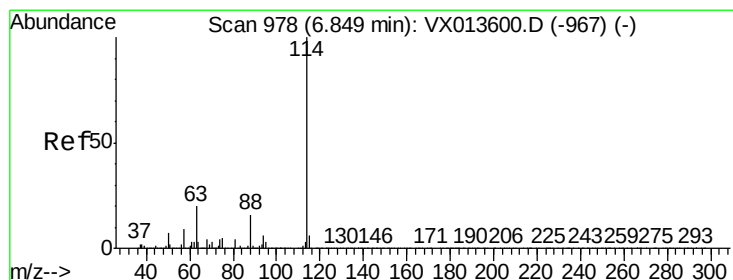
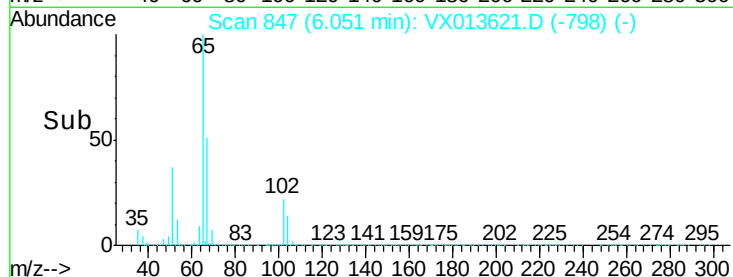
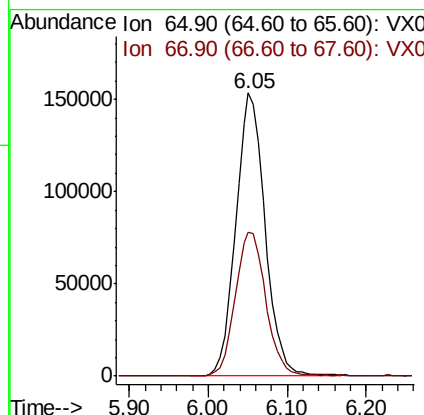
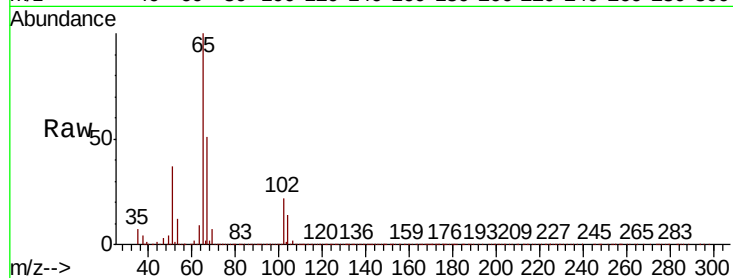




#33
 1,2-Dichloroethane-d4
 Concen: 49.793 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013621.D
 Acq: 27 Nov 2019 00:46

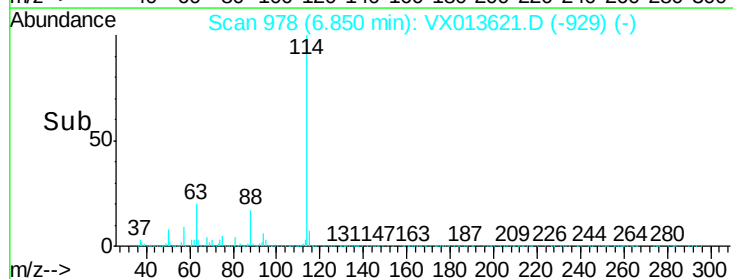
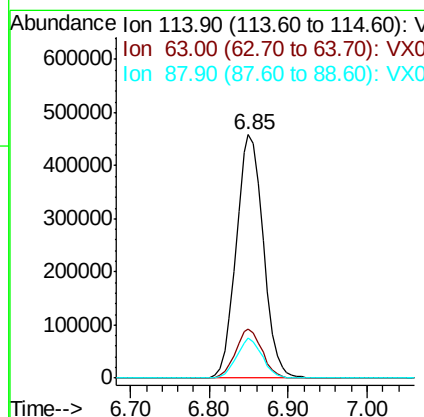
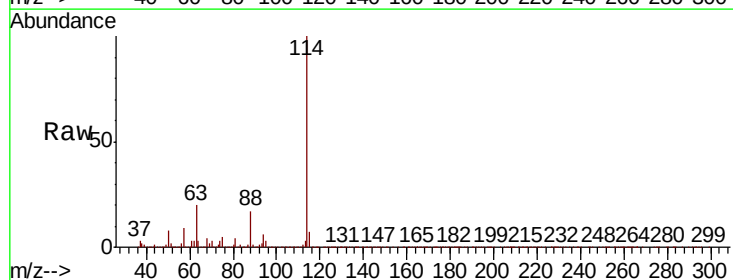
Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

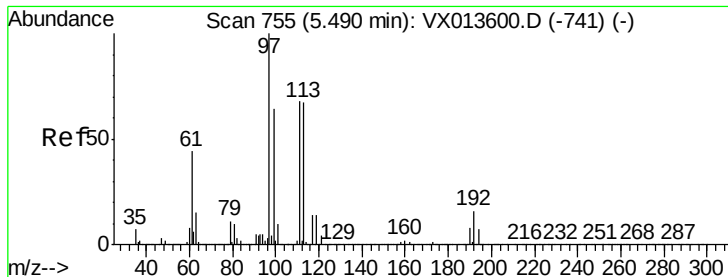
Tot Ion: 65 Resp: 393651
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013621.D
 Acq: 27 Nov 2019 00:46

Tgt Ion: 114 Resp: 1093467
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.184 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

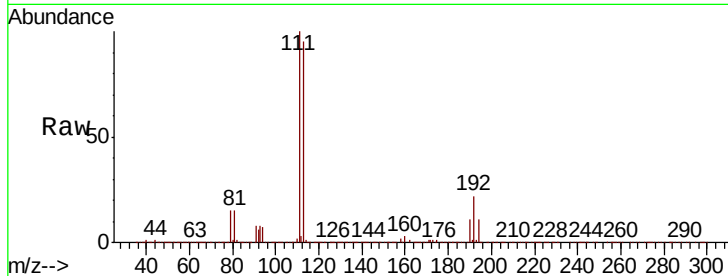
Tot Ion:113 Resp: 325718

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

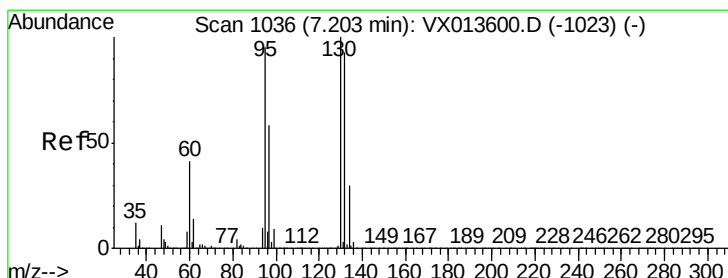
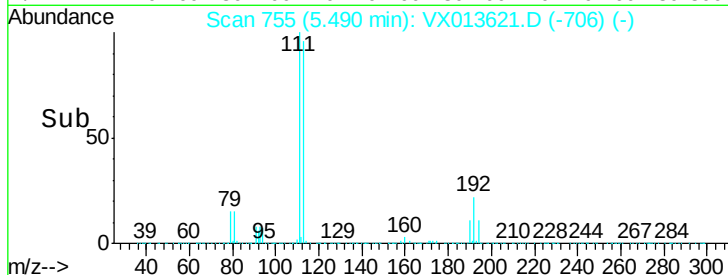
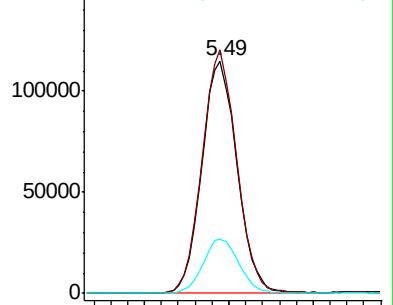
192 23.9 19.2 28.8



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: 19.005 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013621.D

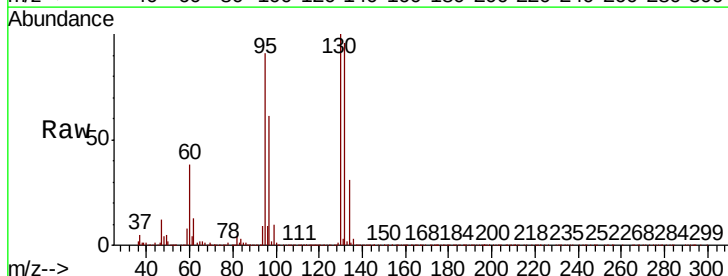
Acq: 27 Nov 2019 00:46

Tgt Ion:130 Resp: 157681

Ion Ratio Lower Upper

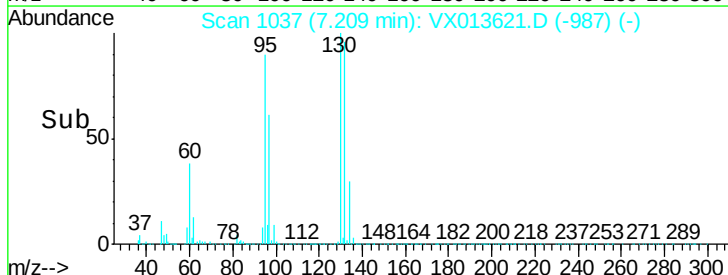
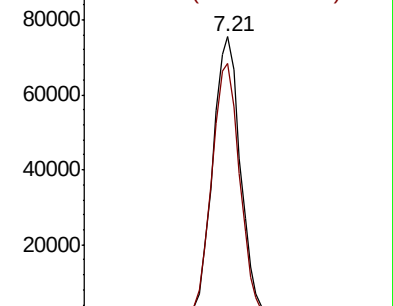
130 100

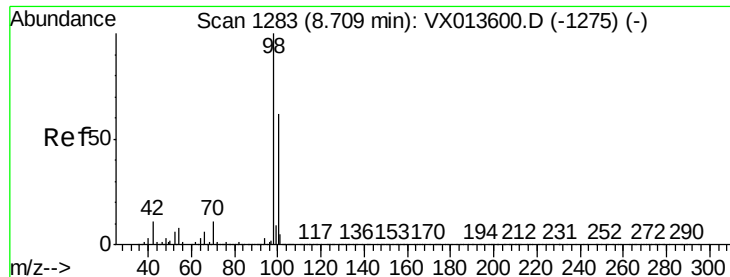
95 90.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.098 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

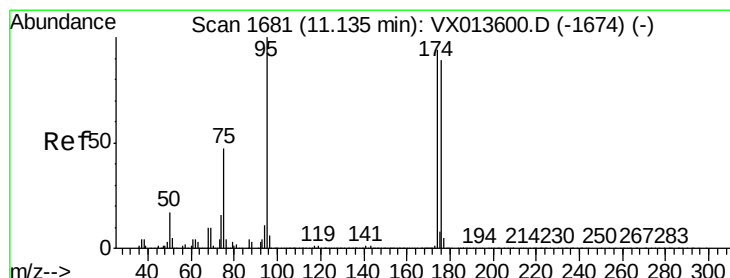
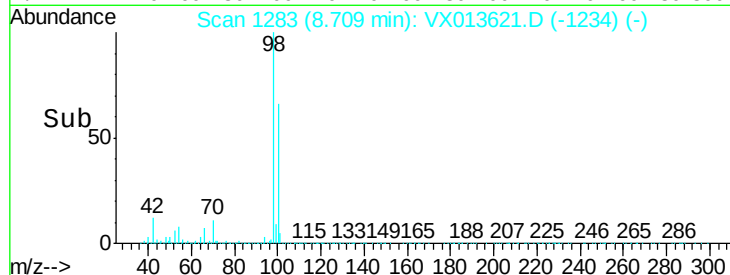
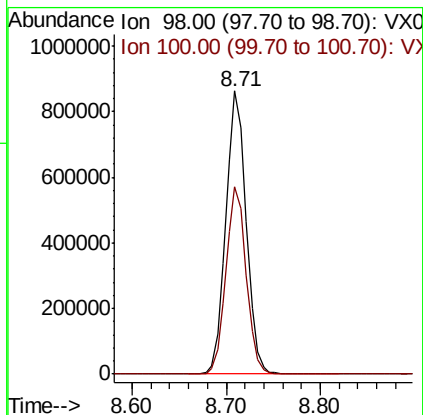
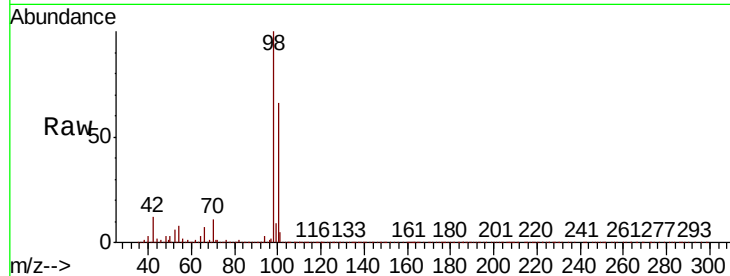
BRP2-20191120

Tot Ion: 98 Resp: 1293124

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.810 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

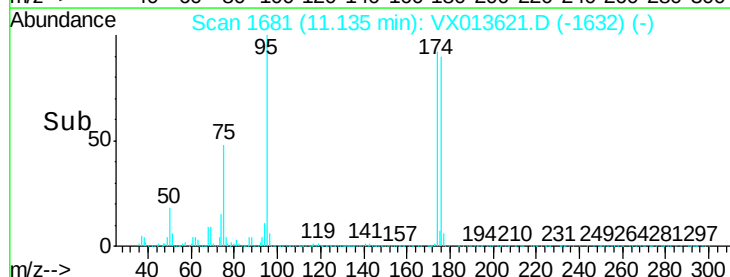
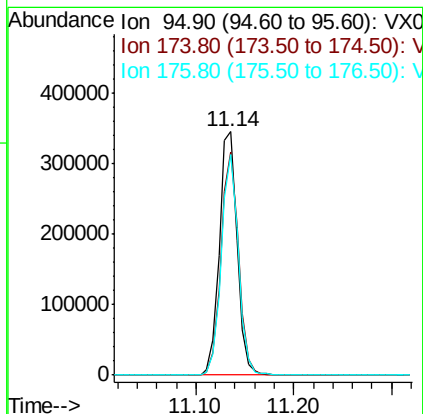
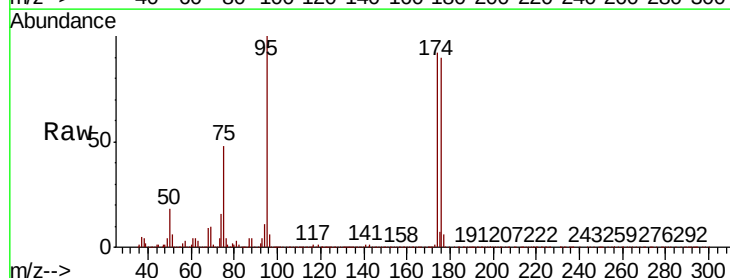
Tgt Ion: 95 Resp: 435077

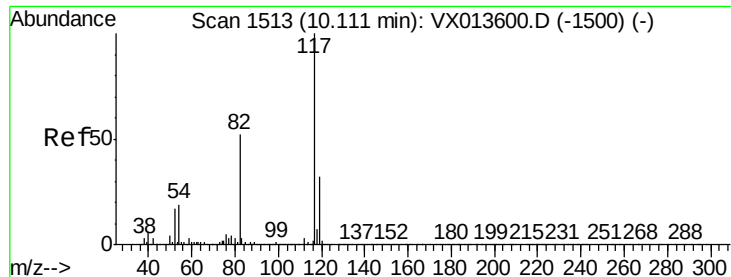
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 86.8 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

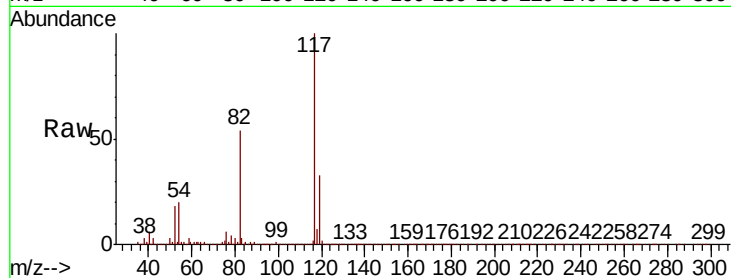
Tot Ion:117 Resp: 963345

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

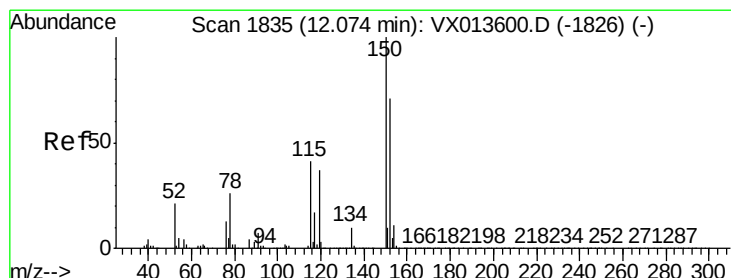
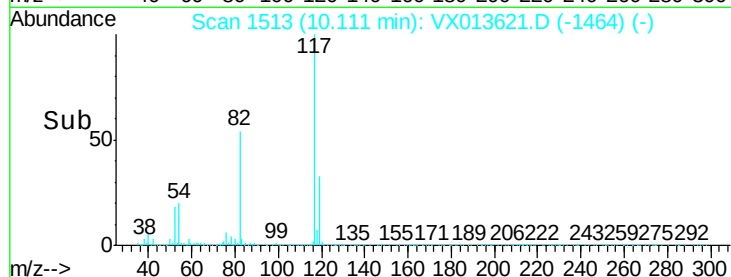
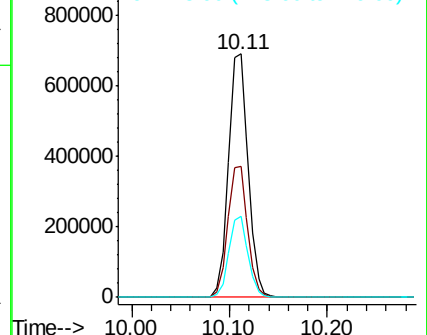
119 33.3 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013621.D

Acq: 27 Nov 2019 00:46

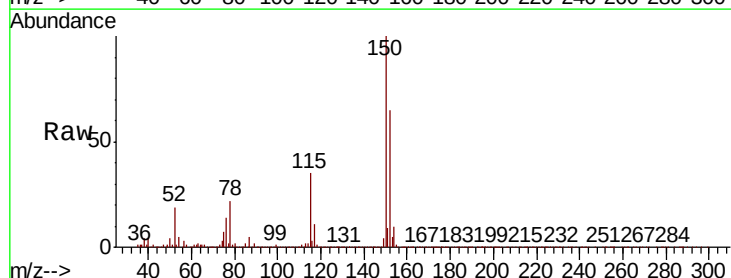
Tgt Ion:152 Resp: 441533

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

150 155.7 0.0 346.8



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

