

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019801.D
 Acq On : 10 Dec 2020 01:29
 Operator : JC/MD
 Sample : L4993-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6132-120720

Quant Time: Dec 10 07:03:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	333097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	543188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	497330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	205202	46.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.74%
35) Dibromofluoromethane	5.46	113	166087	47.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.62%
50) Toluene-d8	8.70	98	652870	48.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.42%
62) 4-Bromofluorobenzene	11.12	95	231498	45.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.76%

Target Compounds

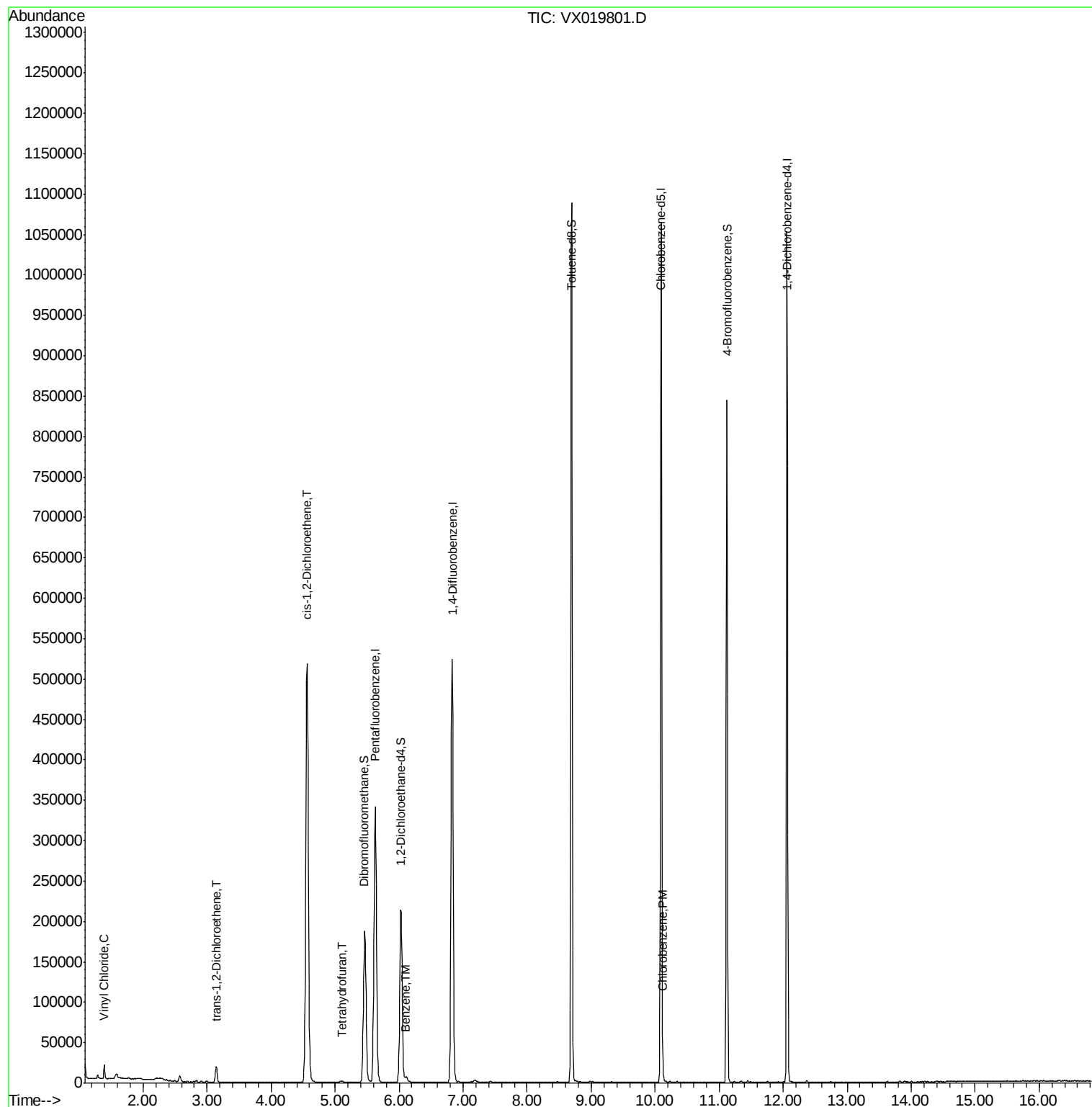
					Qvalue
4) Vinyl Chloride	1.39	62	9487	2.509	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	7815	2.196	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	345146	82.891	ug/l 89
29) Tetrahydrofuran	5.10	42	1529	0.939	ug/l 93
40) Benzene	6.11	78	7502	0.500	ug/l 99
65) Chlorobenzene	10.12	112	5301	0.535	ug/l 98

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

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

Instrument :

MSVOA_X

ClientSampleId :

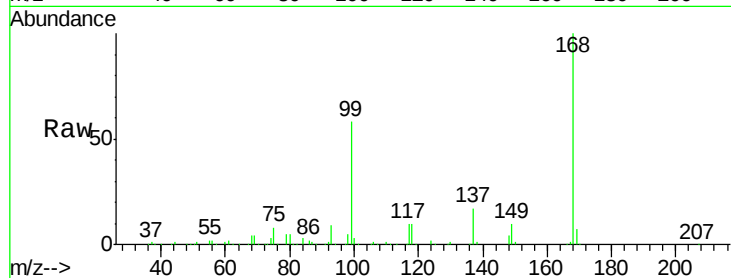
TU032-32-6132-120720

Tot Ion:168 Resp: 333097

Ion Ratio Lower Upper

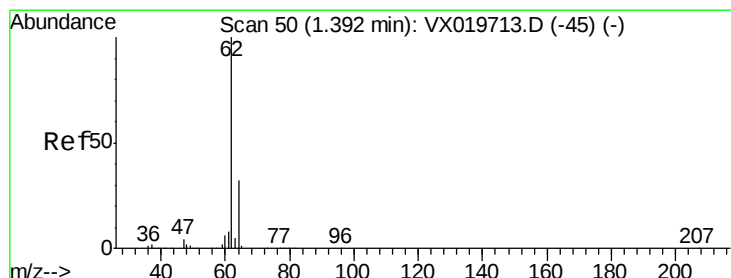
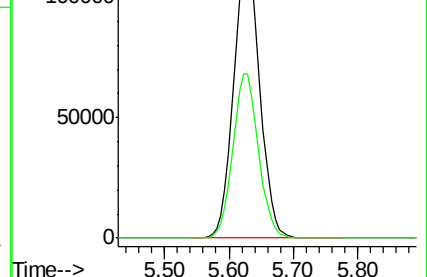
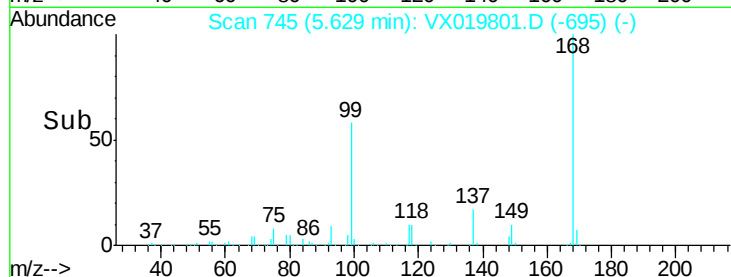
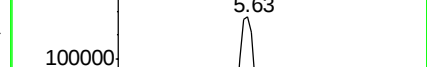
168 100

99 58.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.509 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019801.D

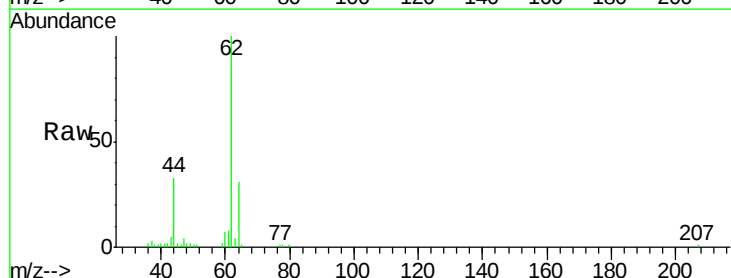
Acq: 10 Dec 2020 01:29

Tgt Ion: 62 Resp: 9487

Ion Ratio Lower Upper

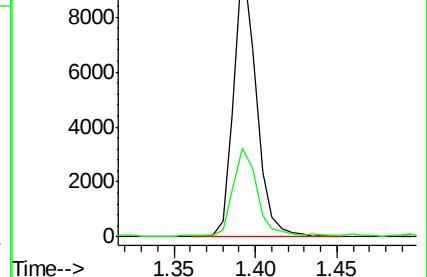
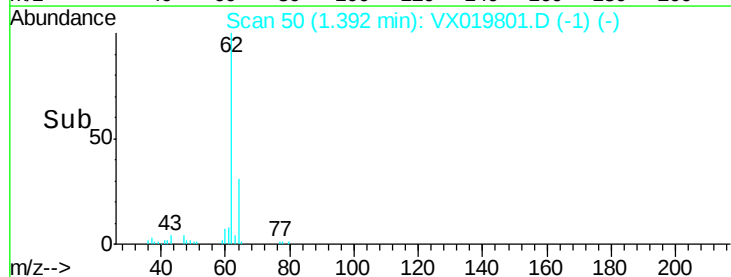
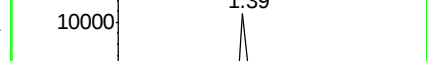
62 100

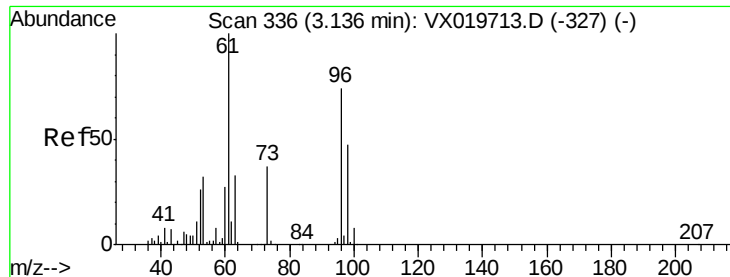
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 2.196 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6132-120720

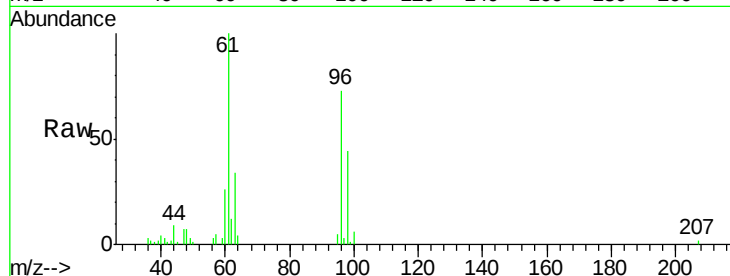
Tot Ion: 96 Resp: 7815

Ion Ratio Lower Upper

96 100

61 136.1 107.7 161.5

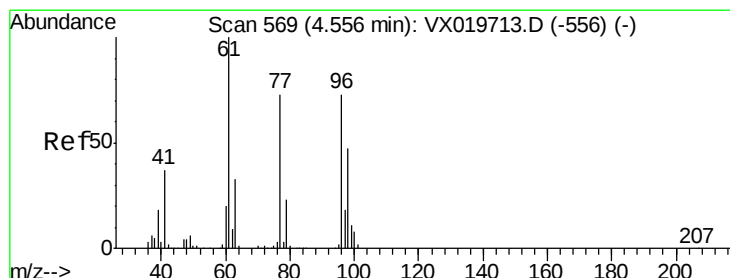
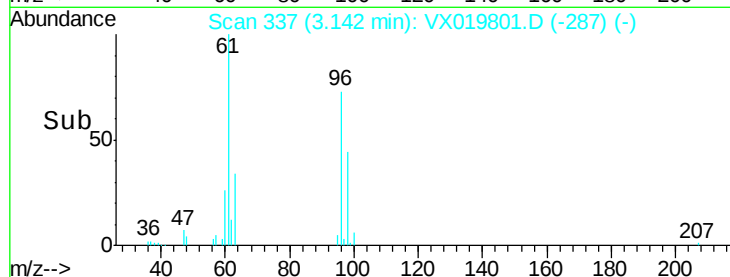
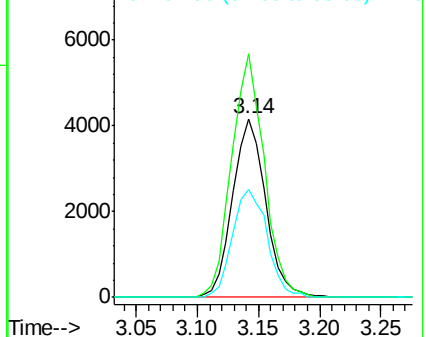
98 60.1 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 82.891 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

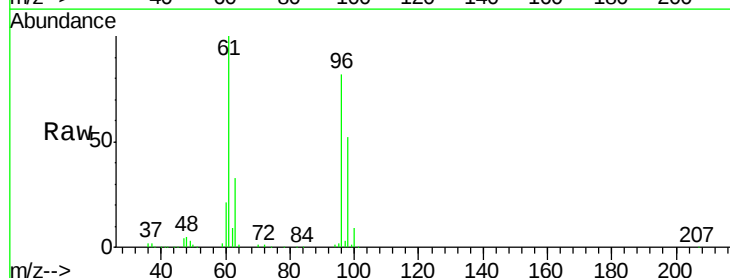
Tgt Ion: 96 Resp: 345146

Ion Ratio Lower Upper

96 100

61 122.8 0.0 285.6

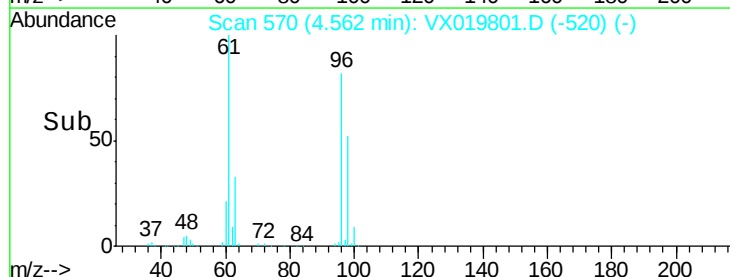
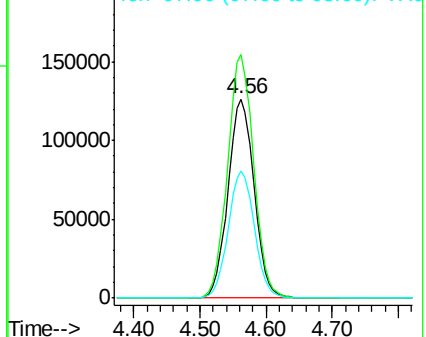
98 64.2 0.0 129.6

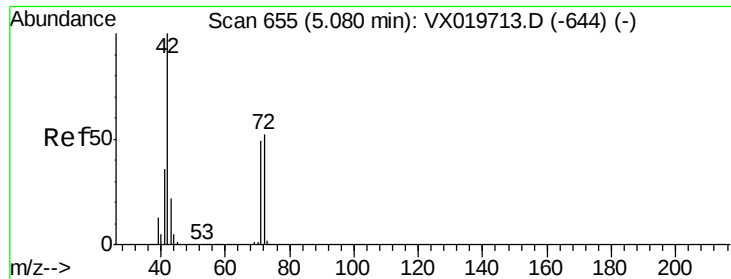


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

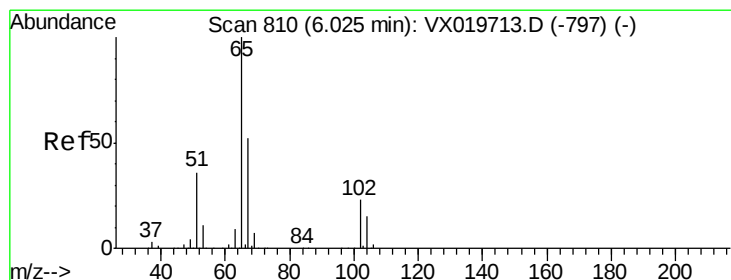
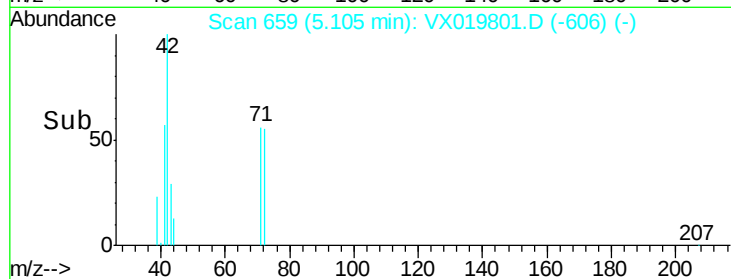
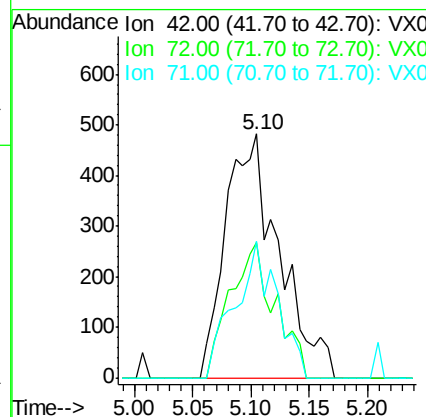
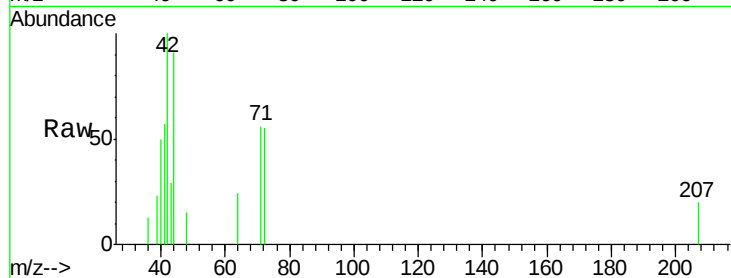




#29
Tetrahydrofuran
Concen: 0.939 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX019801.D
Acq: 10 Dec 2020 01:29

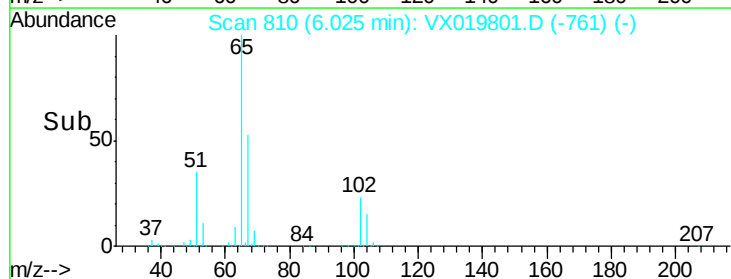
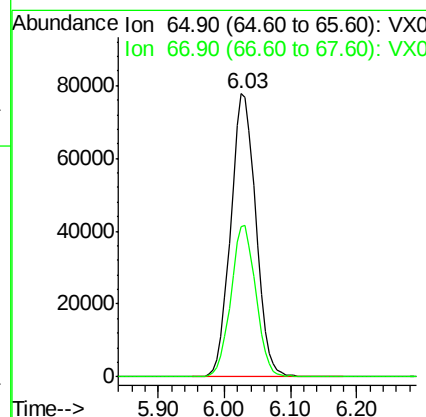
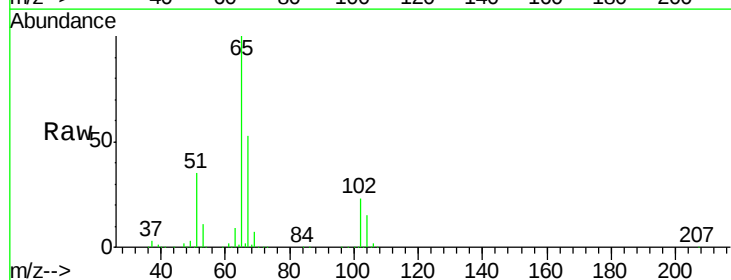
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6132-120720

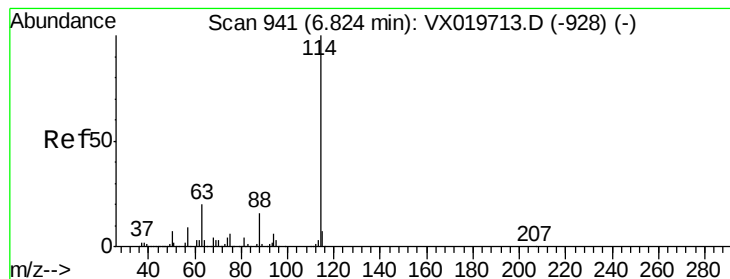
Tot Ion: 42 Resp: 1529
Ion Ratio Lower Upper
42 100
72 46.2 41.7 62.5
71 44.1 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 46.873 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019801.D
Acq: 10 Dec 2020 01:29

Tgt Ion: 65 Resp: 205202
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6132-120720

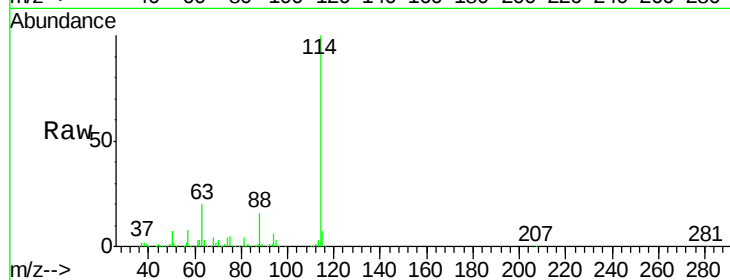
Tot Ion:114 Resp: 543188

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

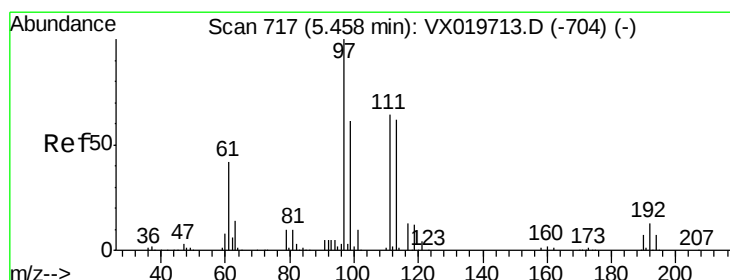
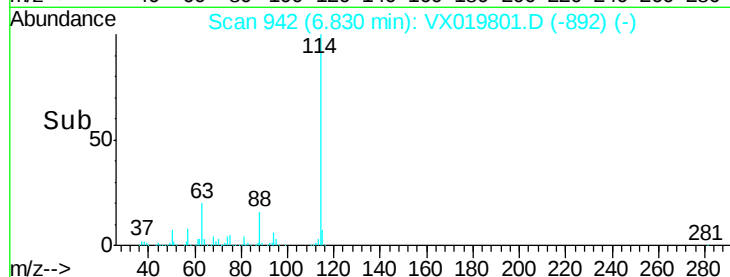
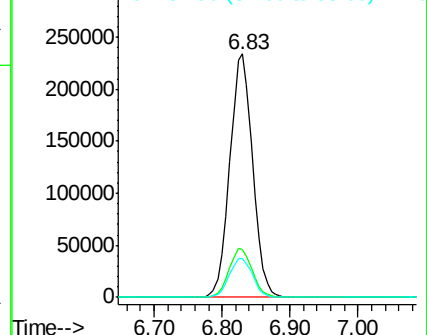
88 15.9 0.0 32.8



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: 47.311 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

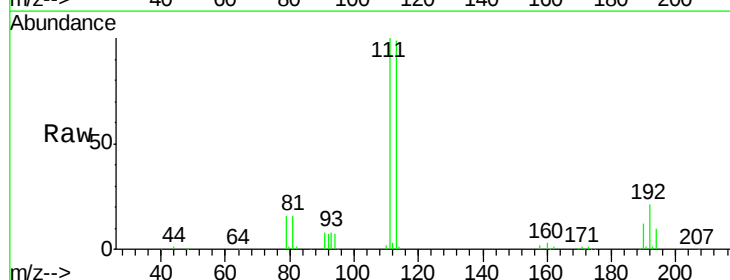
Tgt Ion:113 Resp: 166087

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

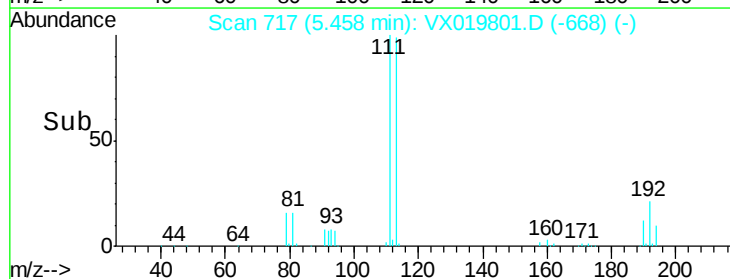
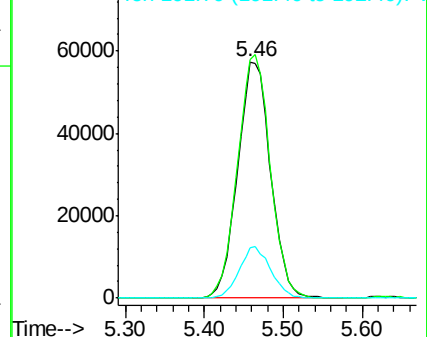
192 20.9 16.7 25.1

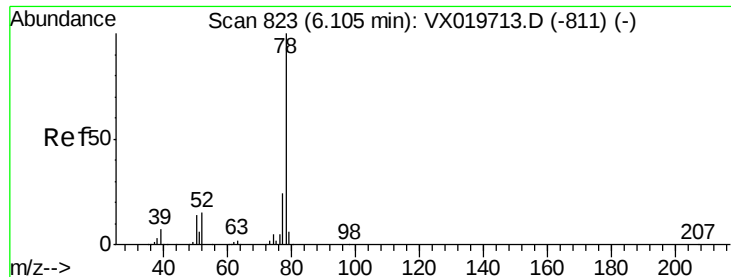


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.500 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

Instrument :

MSVOA_X

ClientSampleId :

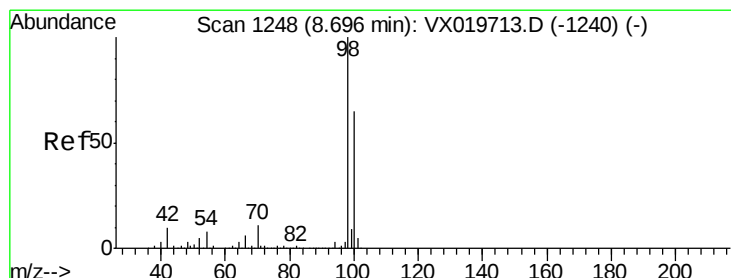
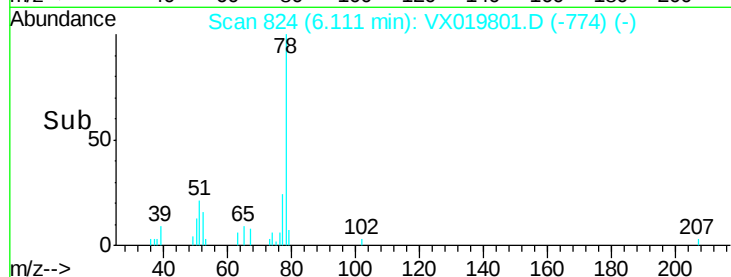
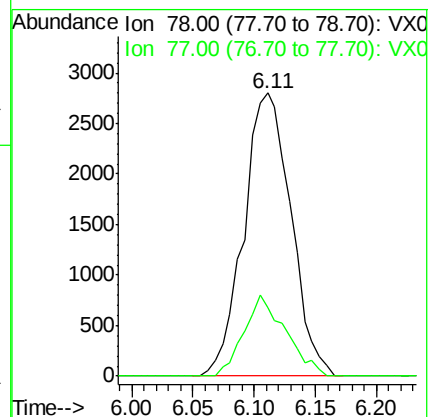
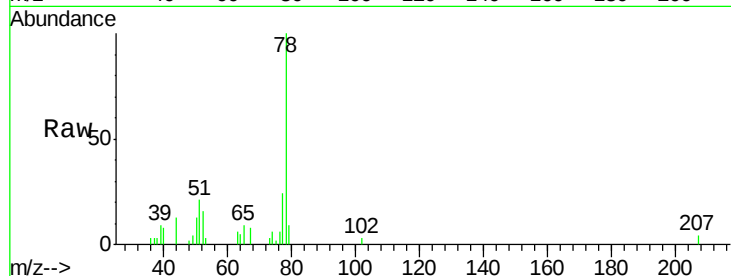
TU032-32-6132-120720

Tot Ion: 78 Resp: 7502

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3



#50

Toluene-d8

Concen: 48.713 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019801.D

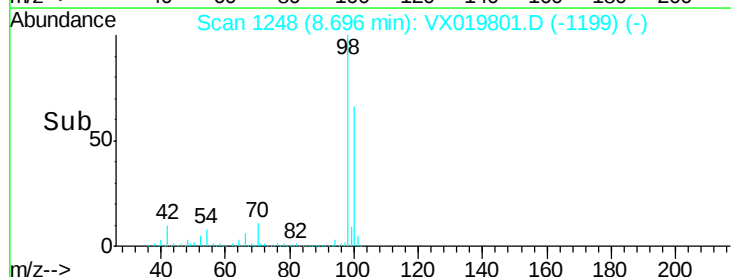
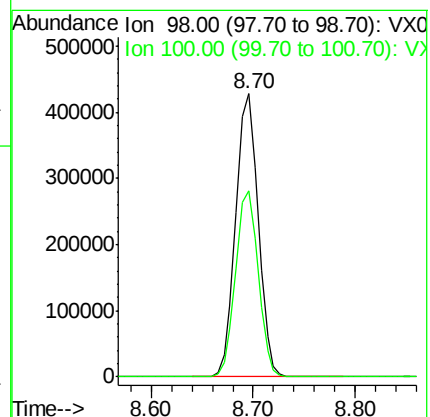
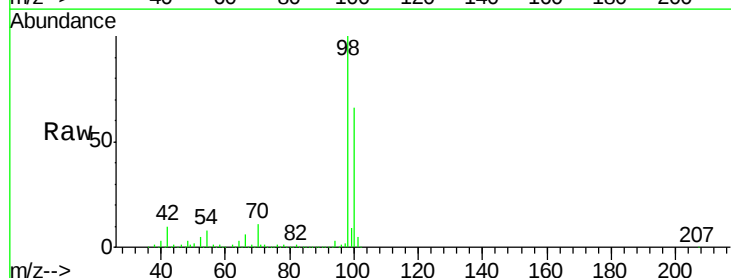
Acq: 10 Dec 2020 01:29

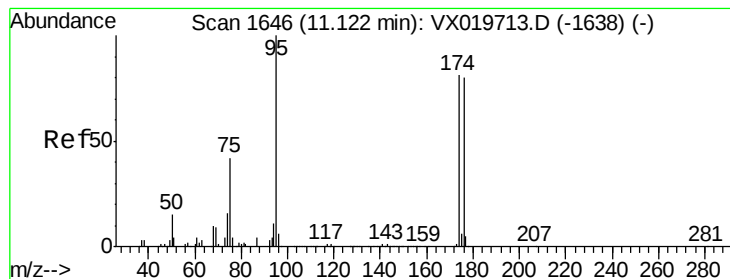
Tgt Ion: 98 Resp: 652870

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.382 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6132-120720

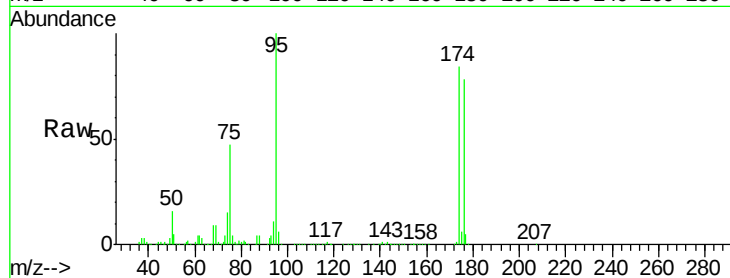
Tot Ion: 95 Resp: 231498

Ion Ratio Lower Upper

95 100

174 78.8 0.0 154.6

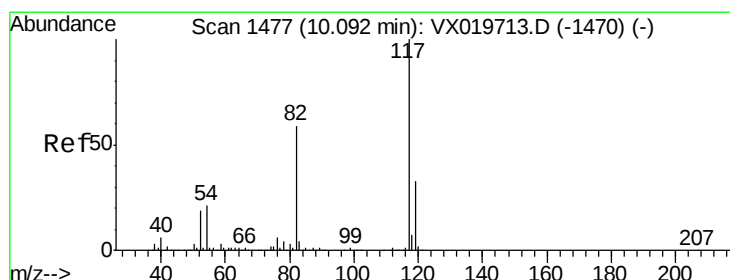
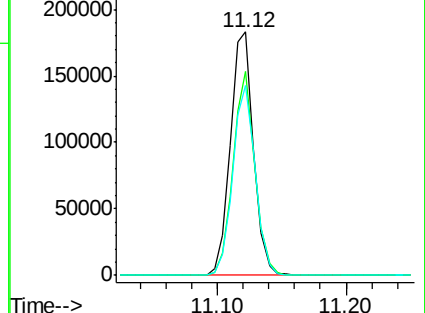
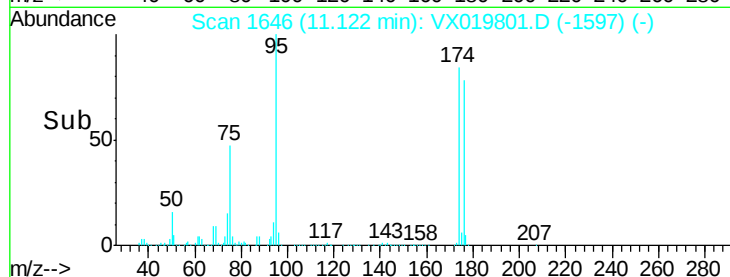
176 76.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019801.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019801.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019801.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019801.D

Acq: 10 Dec 2020 01:29

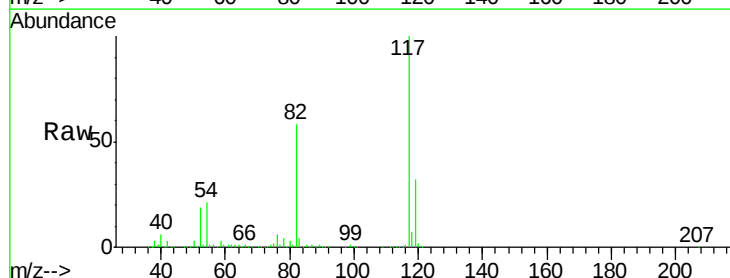
Tgt Ion: 117 Resp: 497330

Ion Ratio Lower Upper

117 100

82 57.7 47.4 71.2

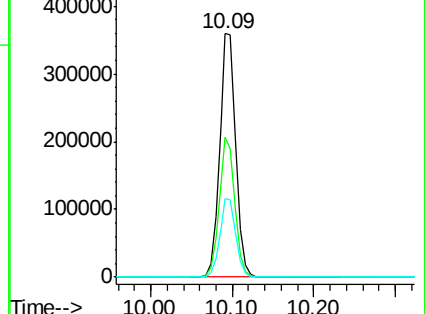
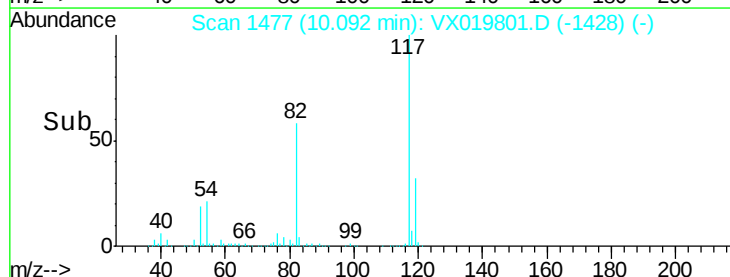
119 32.4 26.6 39.8

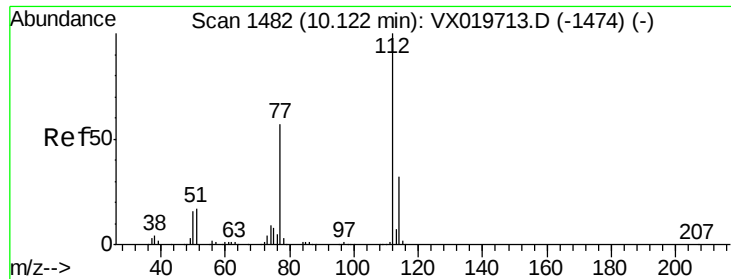


Abundance Ion 116.90 (116.60 to 117.60): VX019801.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019801.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019801.D (-1428) (-)

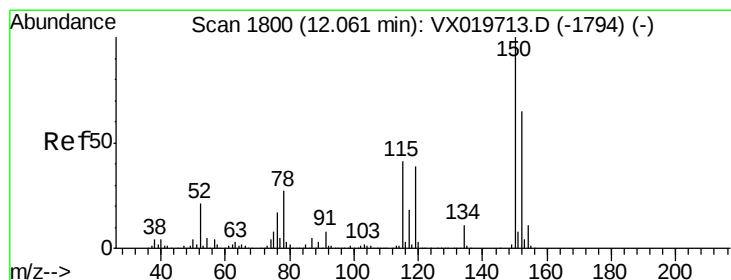
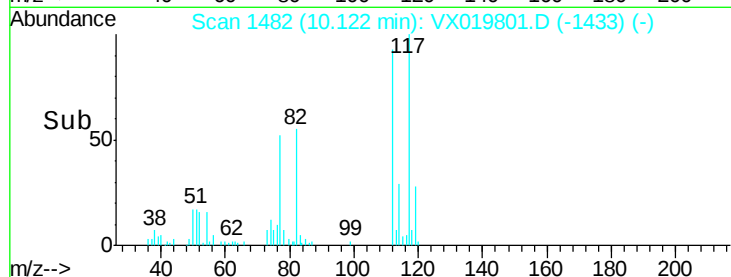
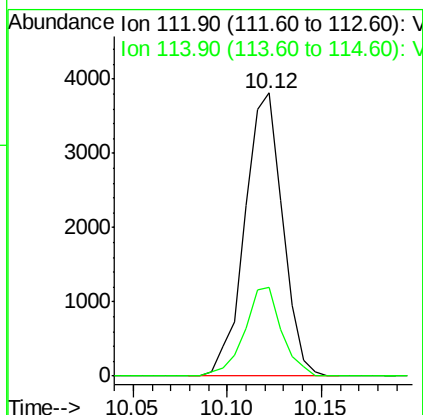
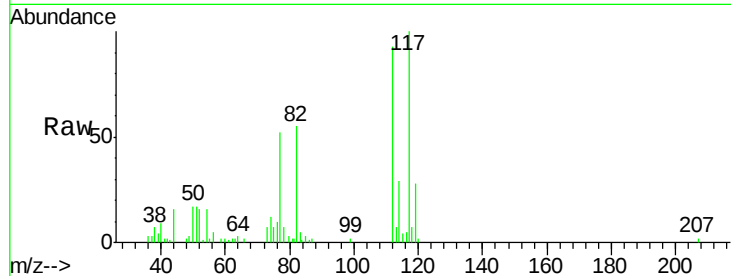




#65
Chlorobenzene
Concen: 0.535 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019801.D
Acq: 10 Dec 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6132-120720

Tot Ion:112 Resp: 5301
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019801.D
Acq: 10 Dec 2020 01:29

Tgt Ion:152 Resp: 217227
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.7 0.0 349.0

