

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016786.D
 Acq On : 16 Jun 2020 17:45
 Operator : JC/SP
 Sample : L3003-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0568

Quant Time: Jun 17 04:54:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

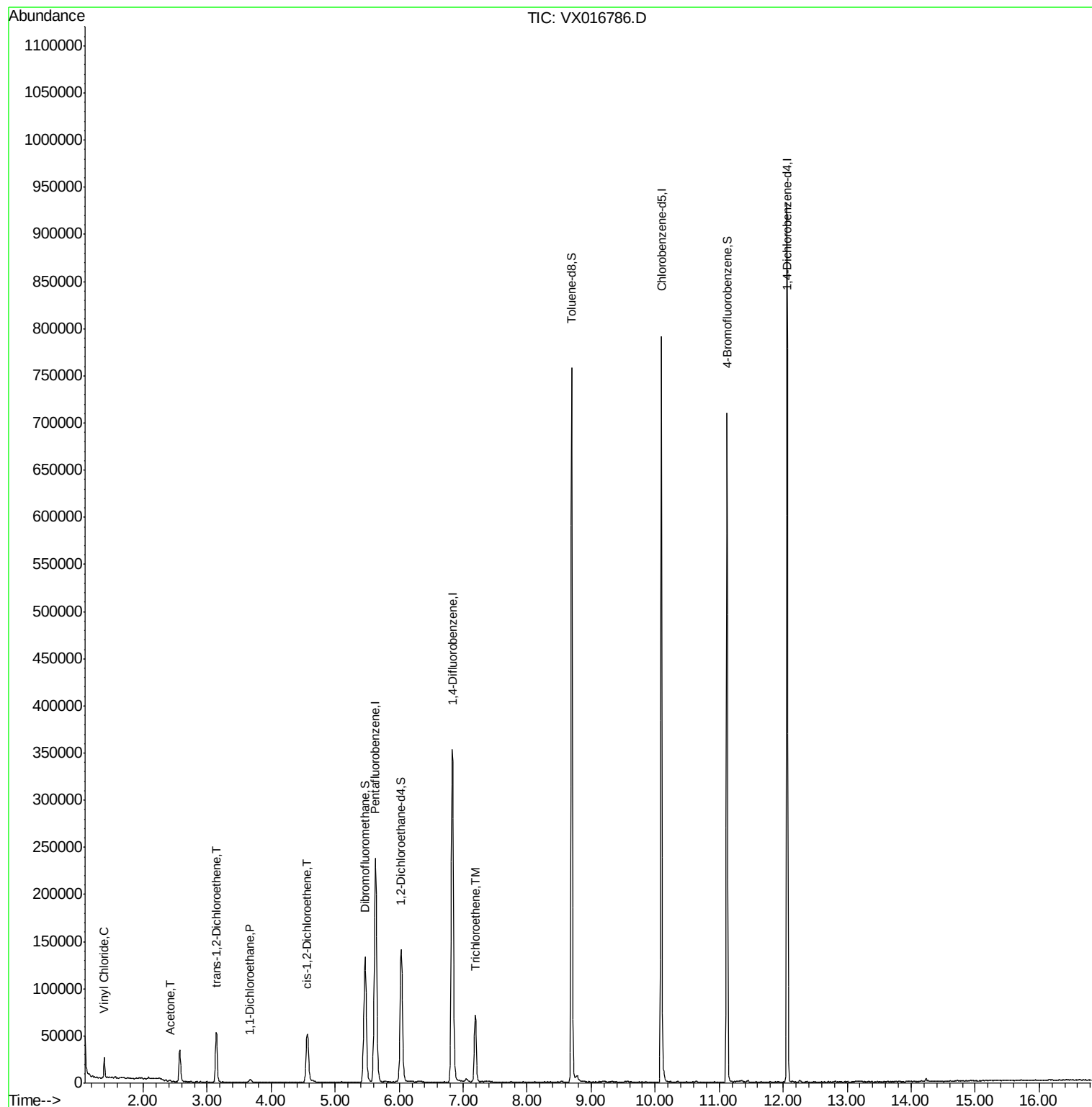
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137289	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	5.47	113	115234	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	8.70	98	453536	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
62) 4-Bromofluorobenzene	11.12	95	186920	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
Target Compounds						
4) Vinyl Chloride	1.39	62	12637	4.576	ug/l	99
16) Acetone	2.42	43	1996	1.650	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	23285	9.350	ug/l	98
24) 1,1-Dichloroethane	3.67	63	3646	0.856	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	35642	12.522	ug/l	89
44) Trichloroethene	7.19	130	28377	9.230	ug/l	98

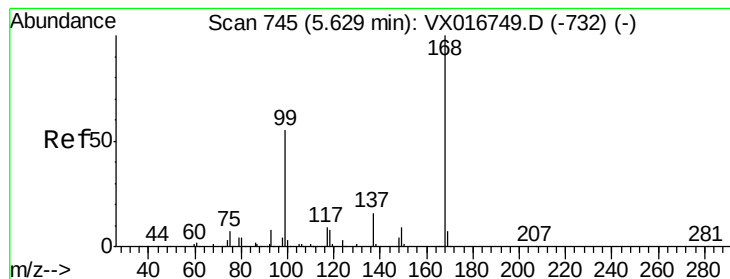
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

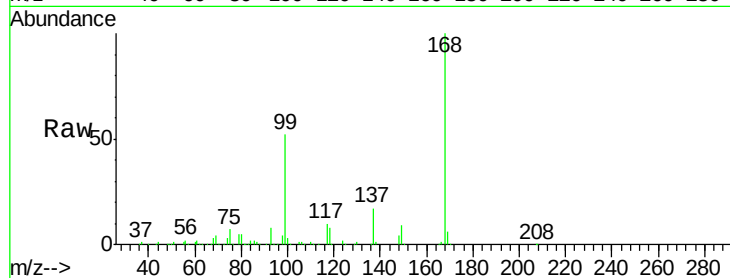
S49-0568

Tot Ion:168 Resp: 237111

Ion Ratio Lower Upper

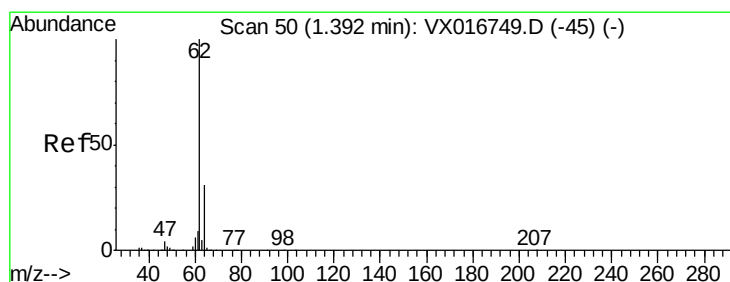
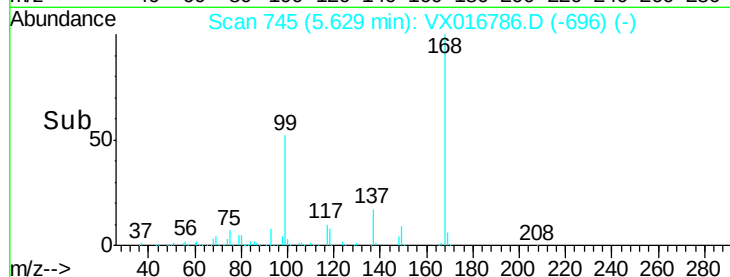
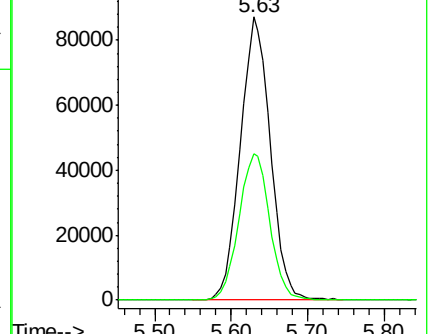
168 100

99 51.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.576 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016786.D

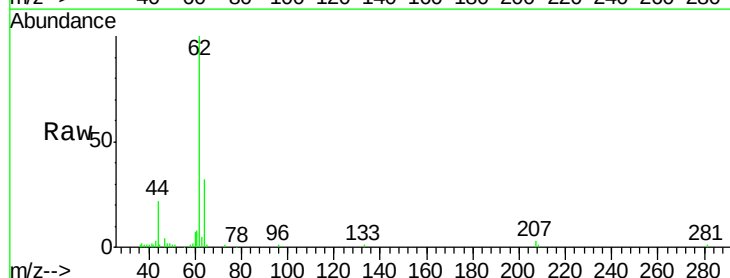
Acq: 16 Jun 2020 17:45

Tgt Ion: 62 Resp: 12637

Ion Ratio Lower Upper

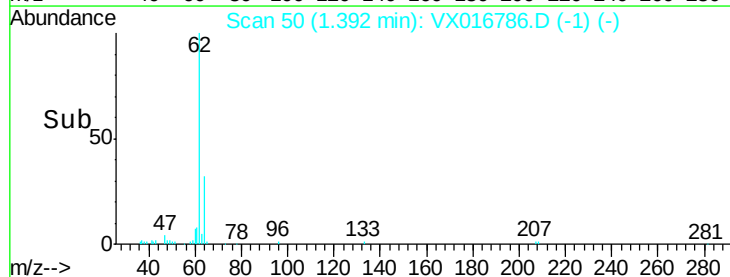
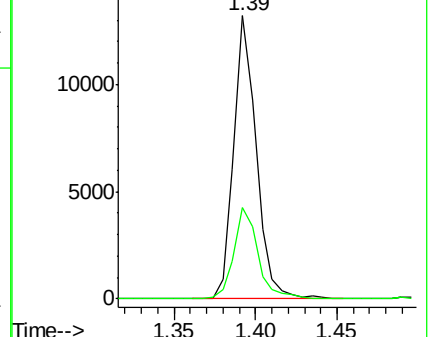
62 100

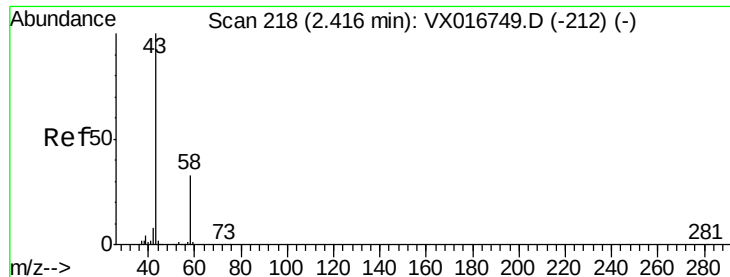
64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.650 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

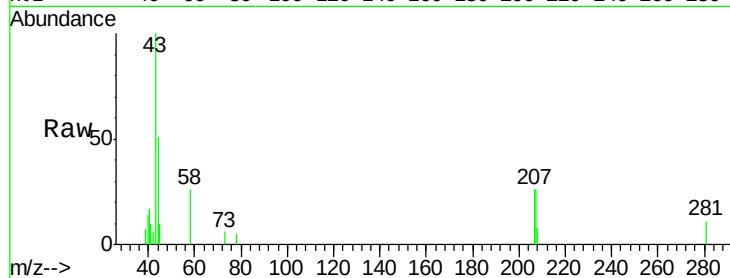
S49-0568

Tot Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 27.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

1200

1000

800

600

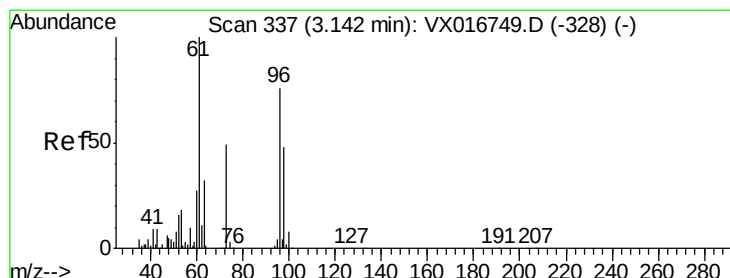
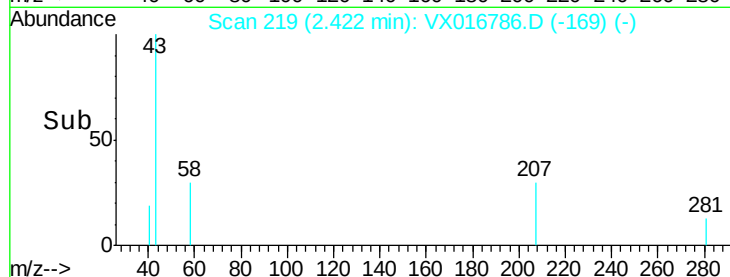
400

200

0

Time-->

2.35 2.40 2.45



#21

trans-1,2-Dichloroethene

Concen: 9.350 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

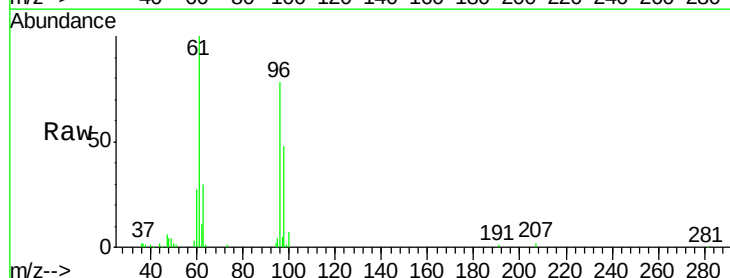
Tgt Ion: 96 Resp: 23285

Ion Ratio Lower Upper

96 100

61 128.7 105.4 158.2

98 62.2 50.8 76.2



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

20000

15000

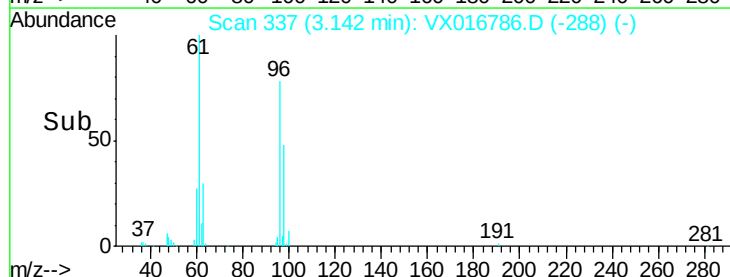
10000

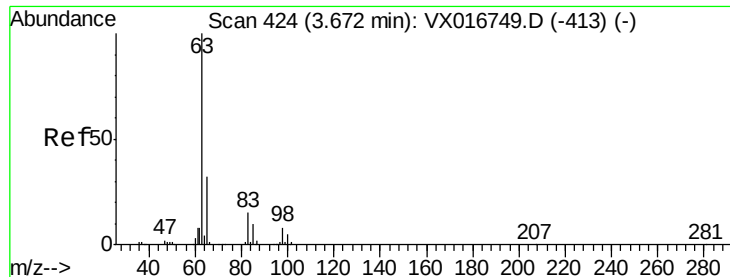
5000

0

Time-->

3.05 3.10 3.15 3.20 3.25





#24

1,1-Dichloroethane

Concen: 0.856 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

S49-0568

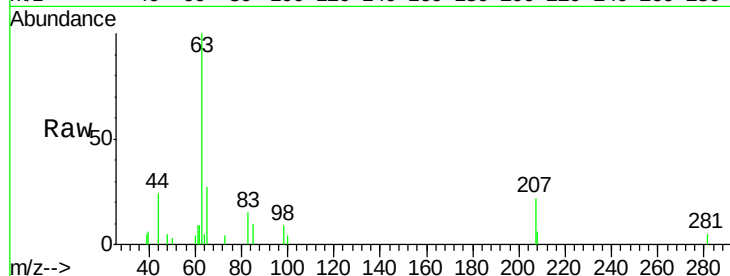
Tot Ion: 63 Resp: 3646

Ion Ratio Lower Upper

63 100

98 8.7 3.8 11.4

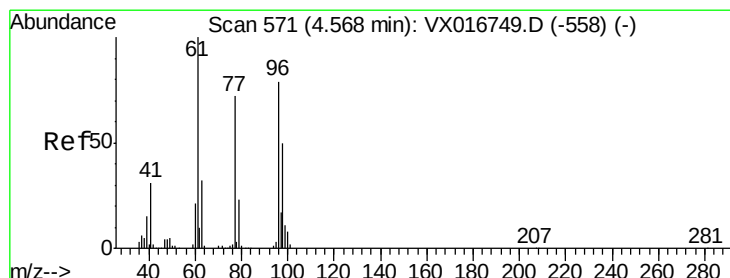
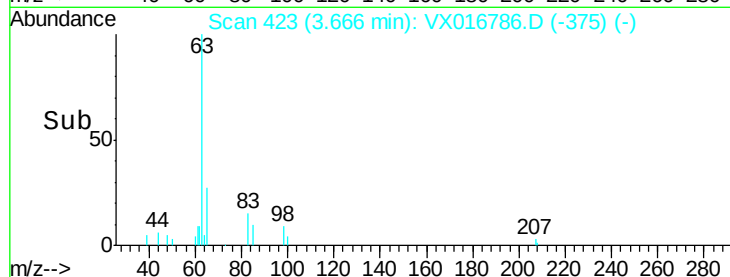
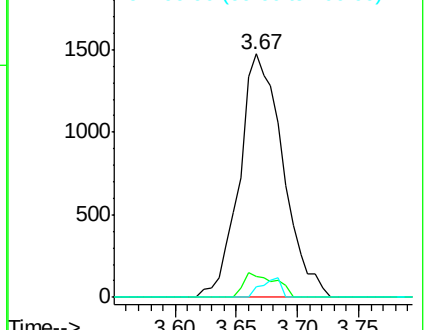
100 4.3 2.3 6.9



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: 12.522 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

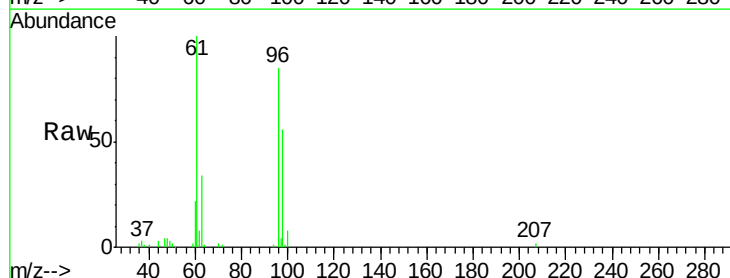
Tgt Ion: 96 Resp: 35642

Ion Ratio Lower Upper

96 100

61 119.4 0.0 276.2

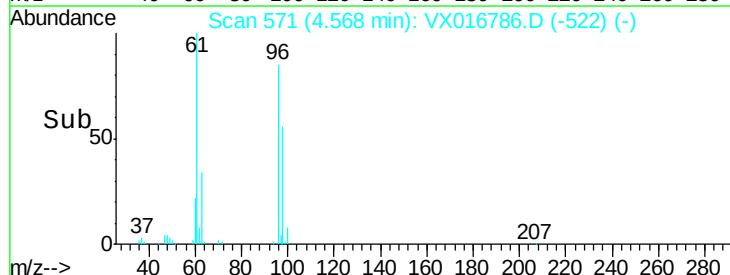
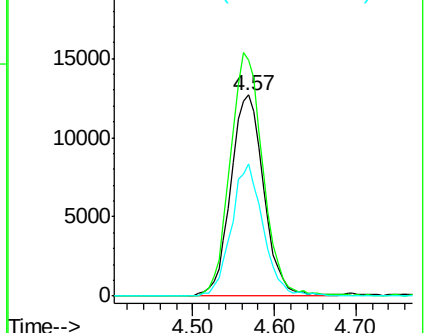
98 62.8 0.0 130.0

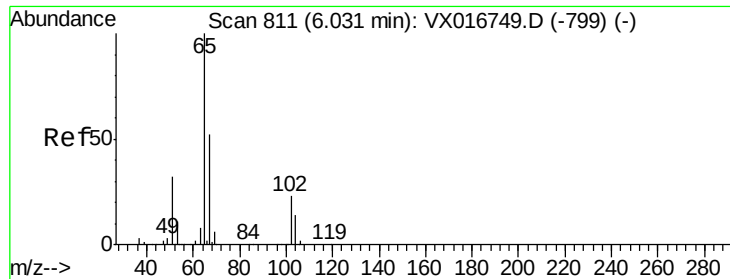


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

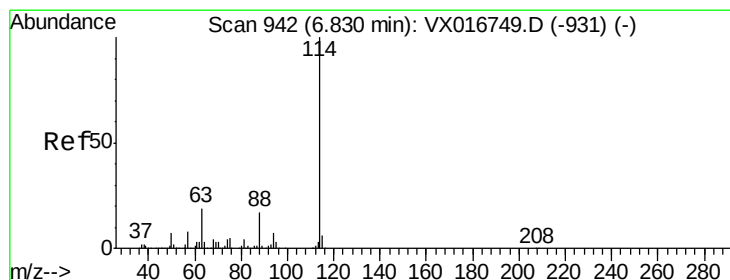
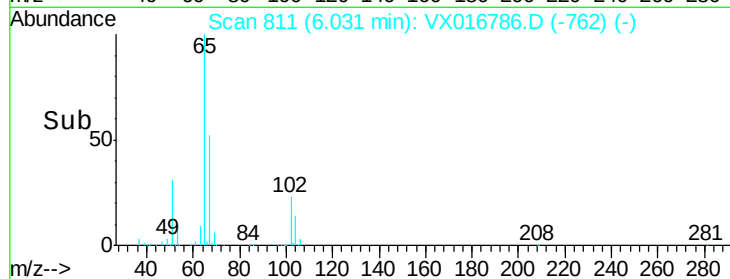
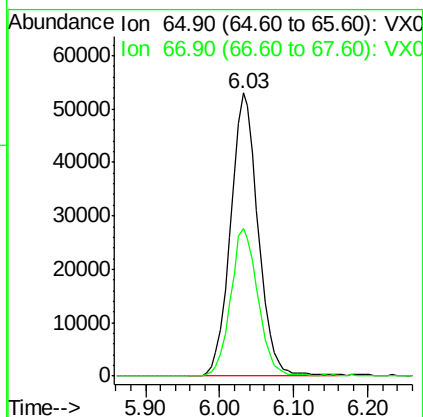
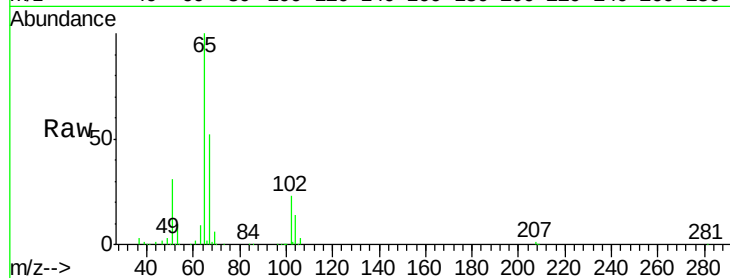




#33
 1,2-Dichloroethane-d4
 Concen: 51.477 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016786.D
 Acq: 16 Jun 2020 17:45

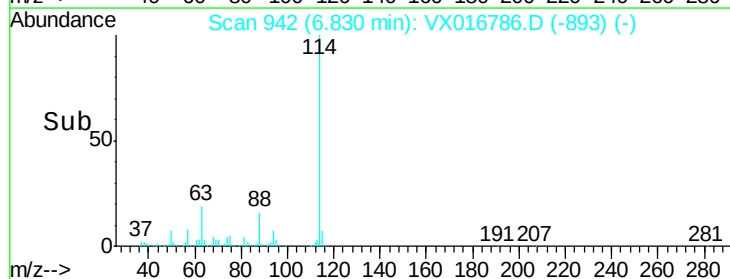
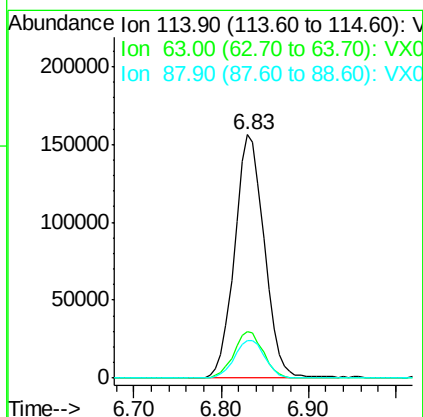
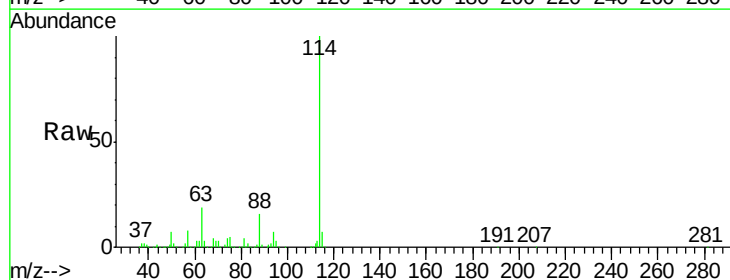
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0568

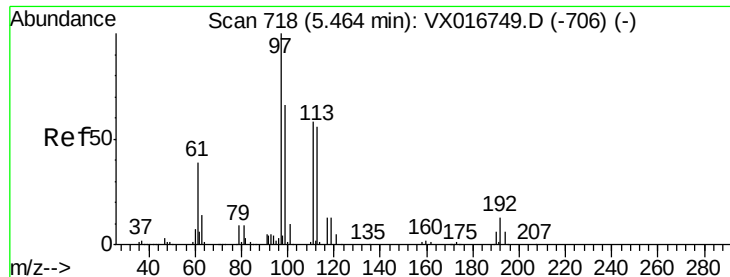
Tot Ion: 65 Resp: 137289
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016786.D
 Acq: 16 Jun 2020 17:45

Tgt Ion: 114 Resp: 369380
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.563 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampled :

S49-0568

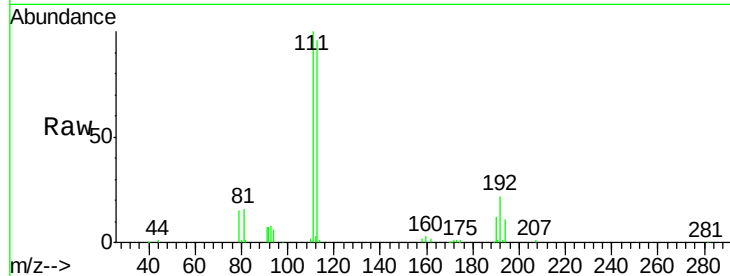
Tot Ion:113 Resp: 115234

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

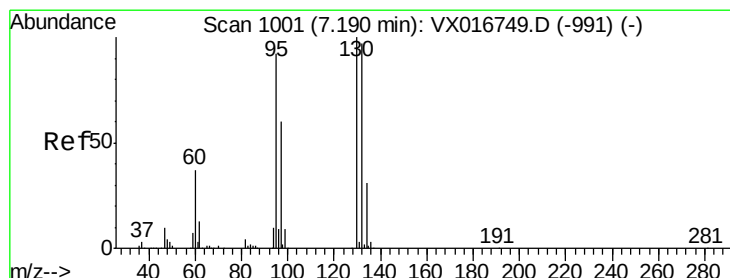
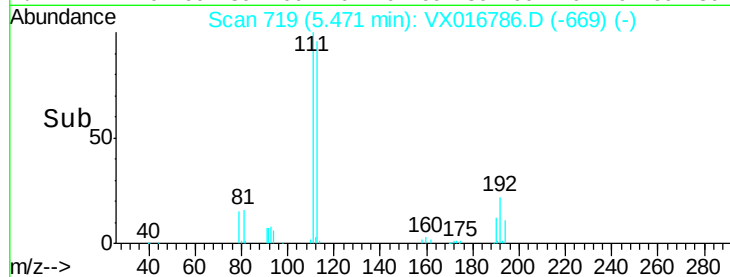
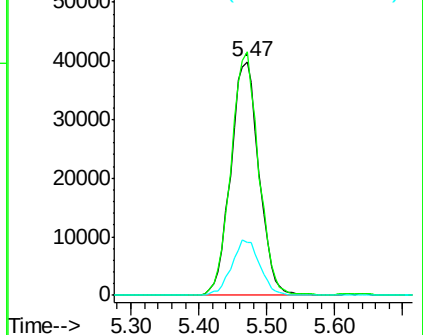
192 23.5 18.2 27.4



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: 9.230 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016786.D

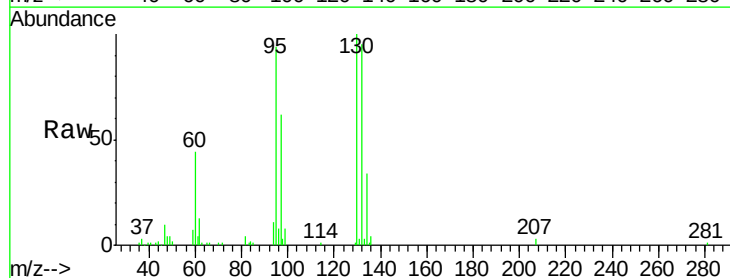
Acq: 16 Jun 2020 17:45

Tgt Ion:130 Resp: 28377

Ion Ratio Lower Upper

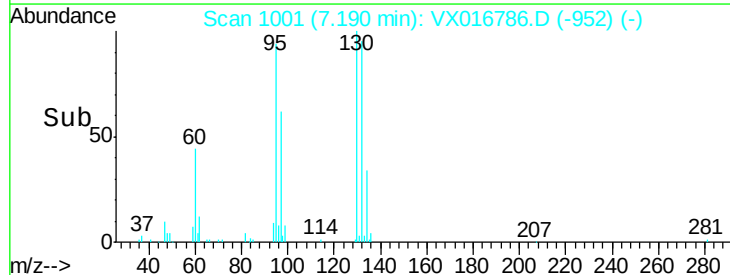
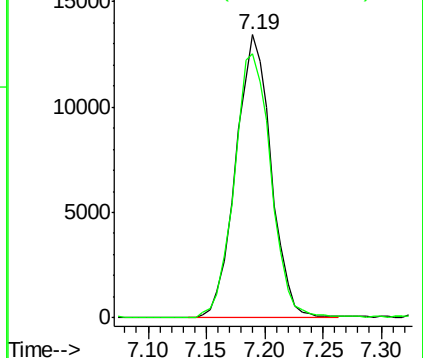
130 100

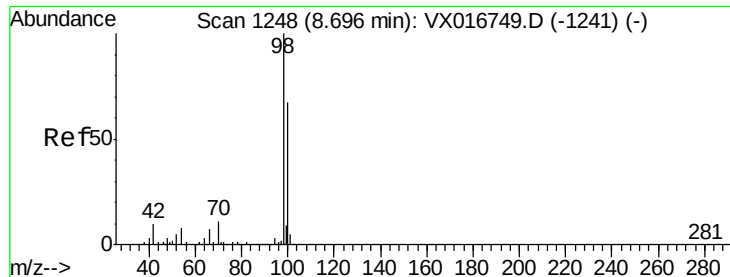
95 93.5 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.971 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

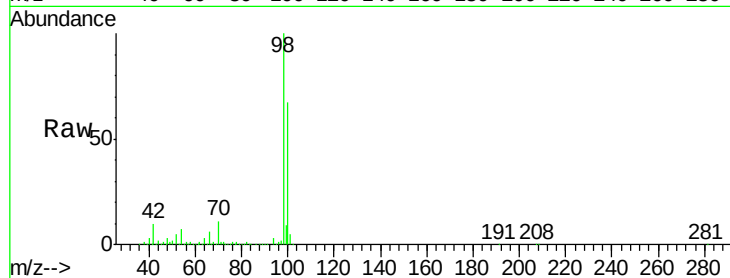
S49-0568

Tot Ion: 98 Resp: 453536

Ion Ratio Lower Upper

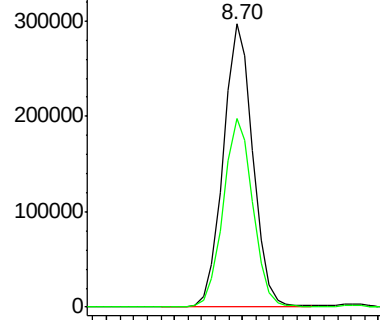
98 100

100 66.7 53.9 80.9

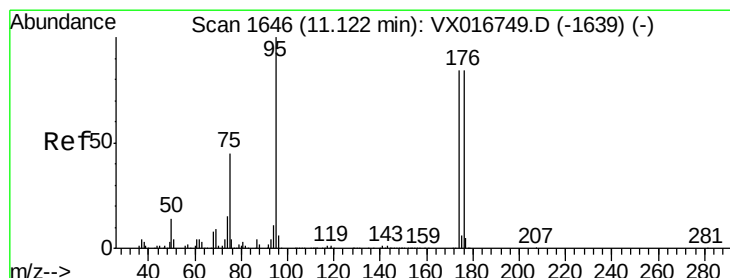
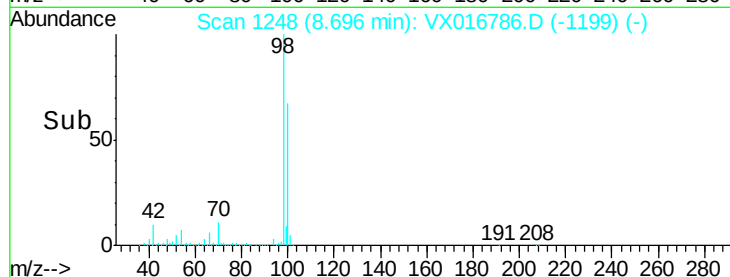


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 58.153 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016786.D

Acq: 16 Jun 2020 17:45

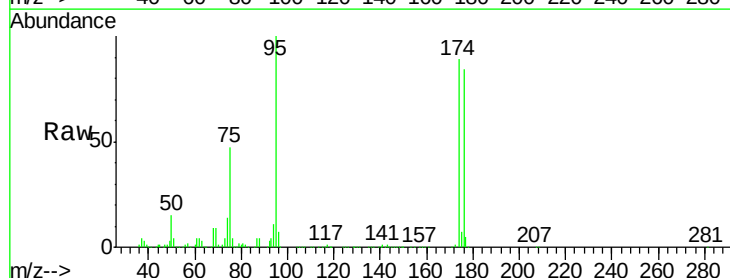
Tgt Ion: 95 Resp: 186920

Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.0

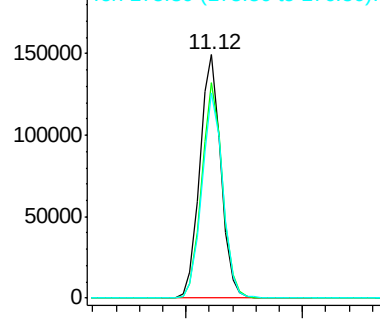
176 84.2 0.0 166.2



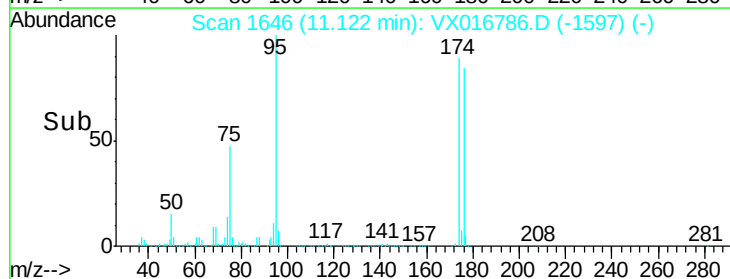
Abundance Ion 94.90 (94.60 to 95.60): VX0

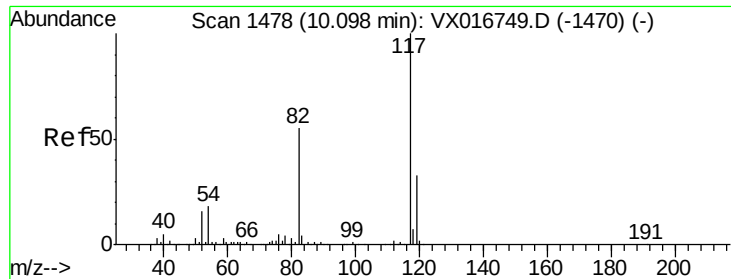
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

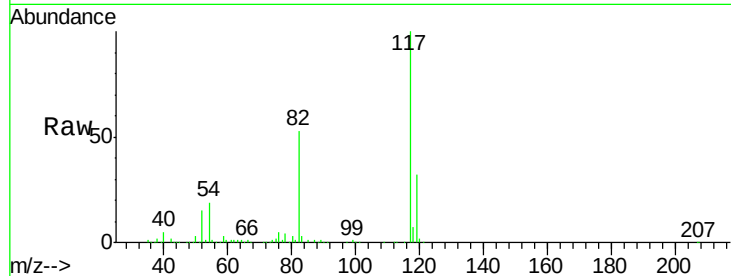




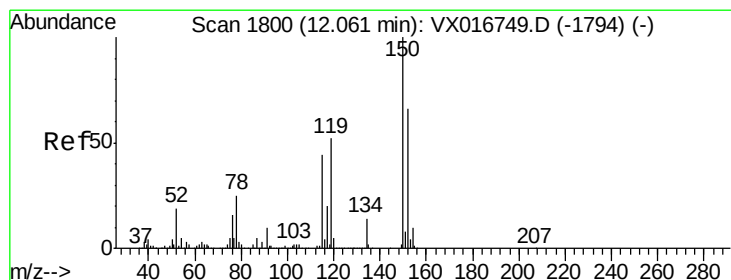
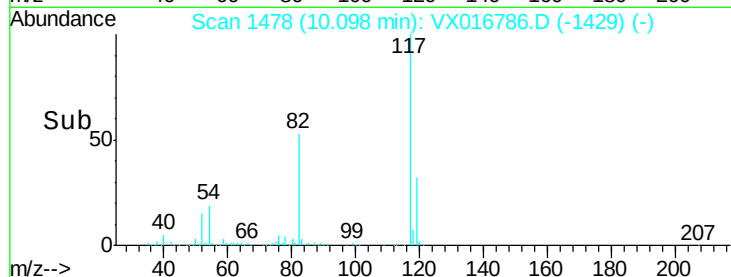
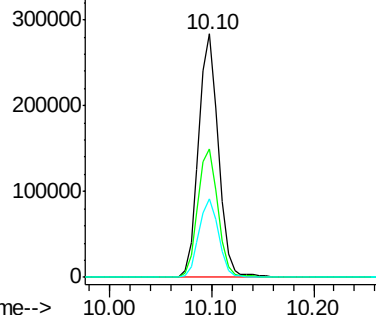
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016786.D
Acq: 16 Jun 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
S49-0568

Tot Ion:117 Resp: 380119
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 32.0 26.2 39.4

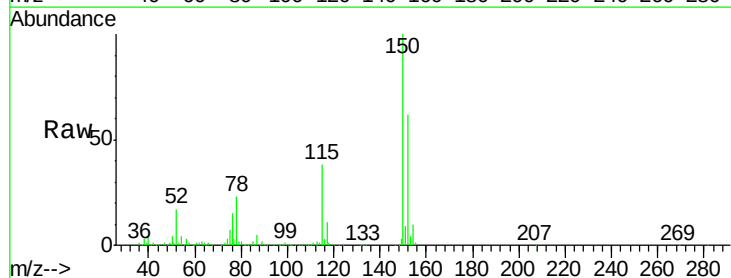


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016786.D
Acq: 16 Jun 2020 17:45

Tgt Ion:152 Resp: 196979
Ion Ratio Lower Upper
152 100
115 57.5 40.3 120.8
150 155.7 0.0 337.4



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

