

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017181.D
 Acq On : 06 Jul 2020 20:12
 Operator : JC/SP
 Sample : L3159-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41BR-20200629

Quant Time: Jul 07 07:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

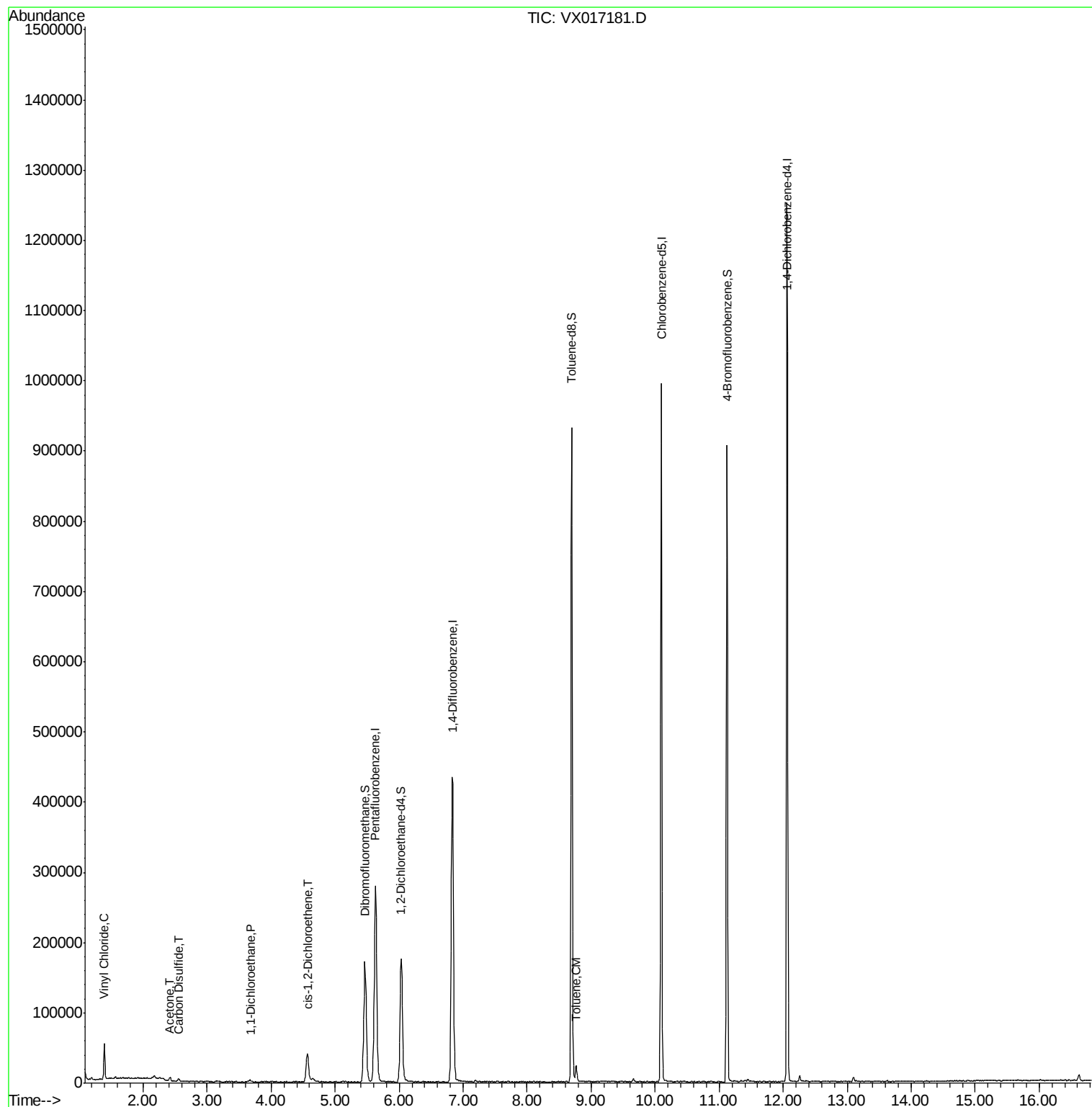
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	265589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	441258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	257026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	168648	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	5.46	113	147358	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	8.70	98	539859	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.12	95	226444	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
Target Compounds						
4) Vinyl Chloride	1.39	62	29621	10.265	ug/l	99
16) Acetone	2.42	43	5855	4.780	ug/l #	85
17) Carbon Disulfide	2.55	76	4453	0.630	ug/l #	92
24) 1,1-Dichloroethane	3.67	63	3152	0.616	ug/l #	89
27) cis-1,2-Dichloroethene	4.57	96	25589	7.745	ug/l	89
52) Toluene	8.76	92	7828	1.023	ug/l	97

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

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ClientSampled :
41BR-20200629

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

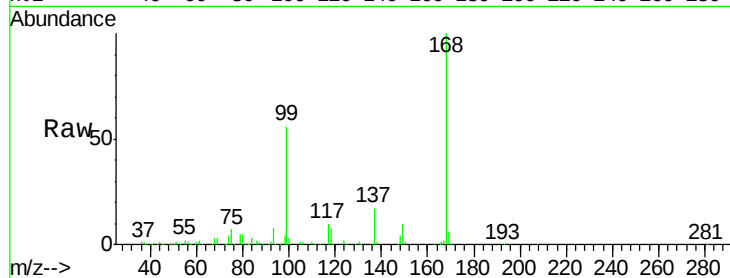
41BR-20200629

Tot Ion:168 Resp: 265589

Ion Ratio Lower Upper

168 100

99 55.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

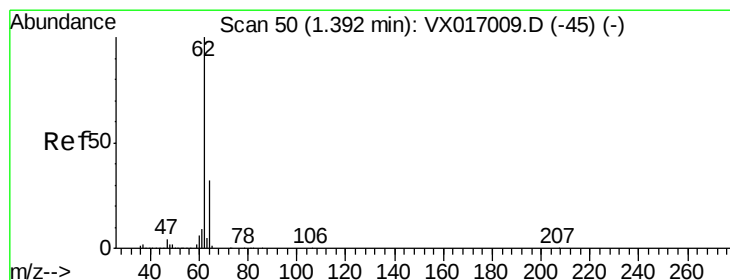
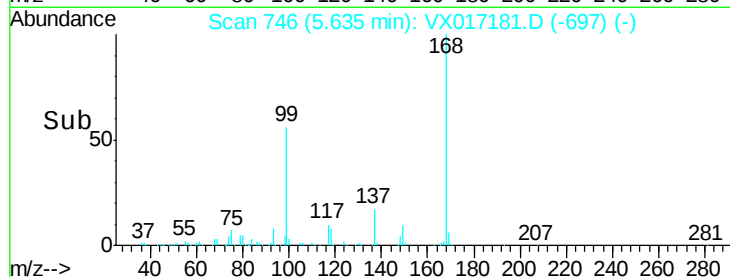
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 10.265 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017181.D

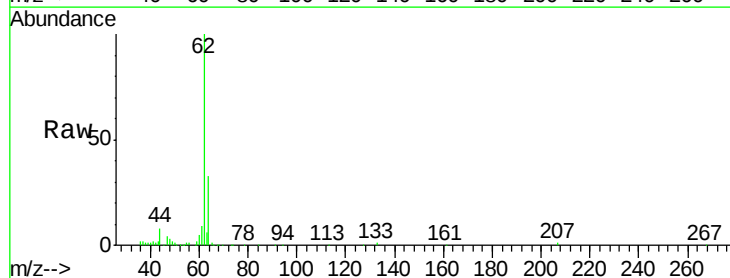
Acq: 06 Jul 2020 20:12

Tgt Ion: 62 Resp: 29621

Ion Ratio Lower Upper

62 100

64 33.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

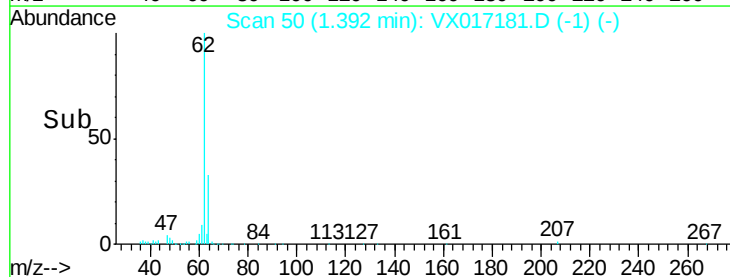
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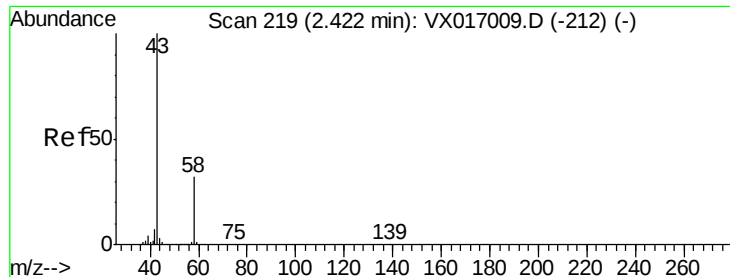
20000

10000

0

Time-->





#16

Acetone

Concen: 4.780 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

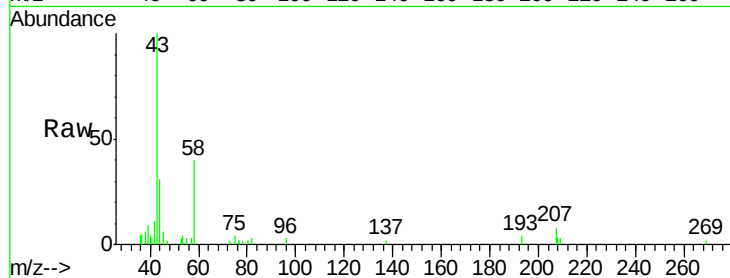
41BR-20200629

Tot Ion: 43 Resp: 5855

Ion Ratio Lower Upper

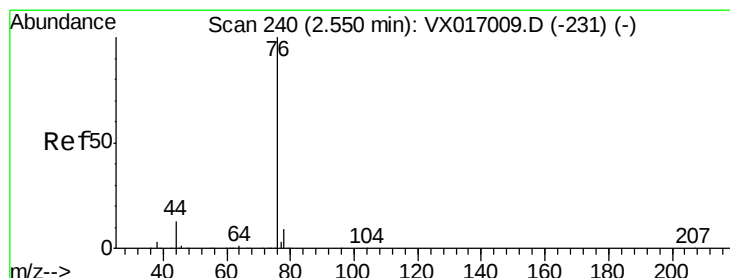
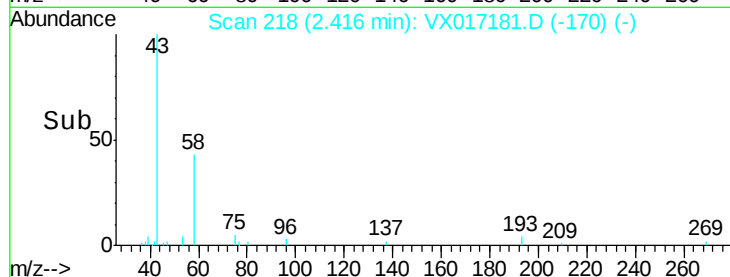
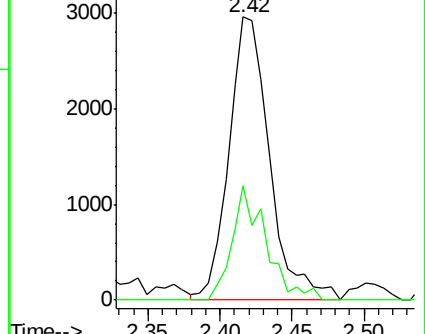
43 100

58 40.3 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.630 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017181.D

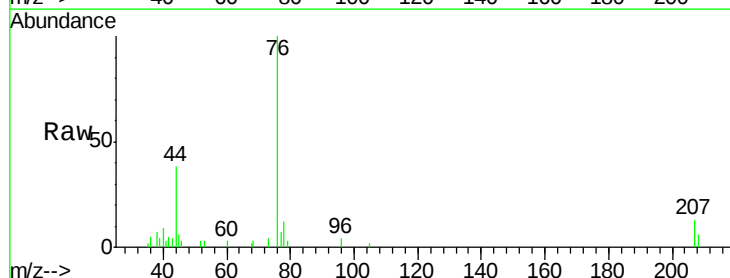
Acq: 06 Jul 2020 20:12

Tgt Ion: 76 Resp: 4453

Ion Ratio Lower Upper

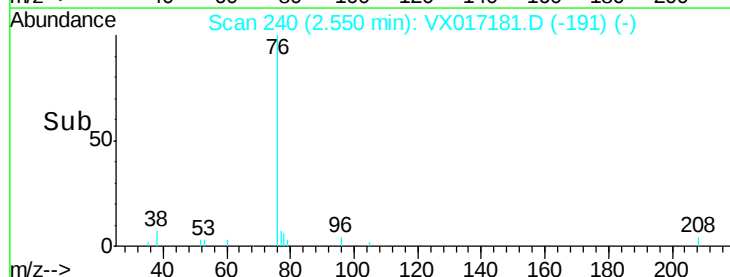
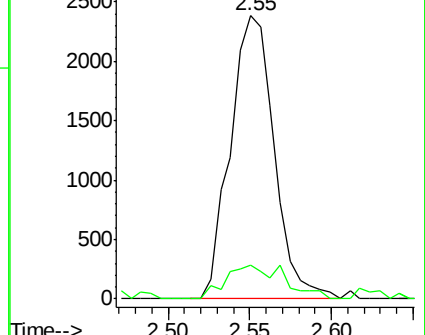
76 100

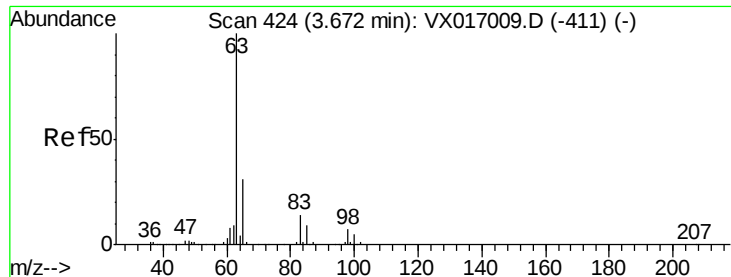
78 11.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#24

1,1-Dichloroethane

Concen: 0.616 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

41BR-20200629

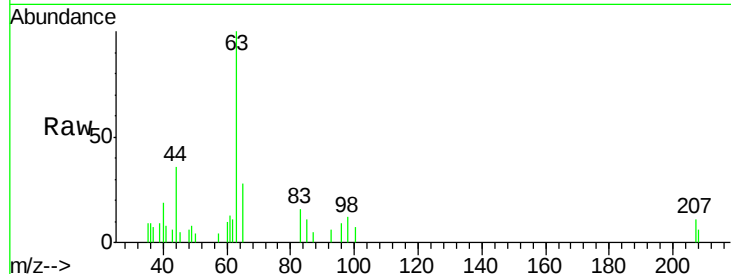
Tot Ion: 63 Resp: 3152

Ion Ratio Lower Upper

63 100

98 12.1 3.6 10.8#

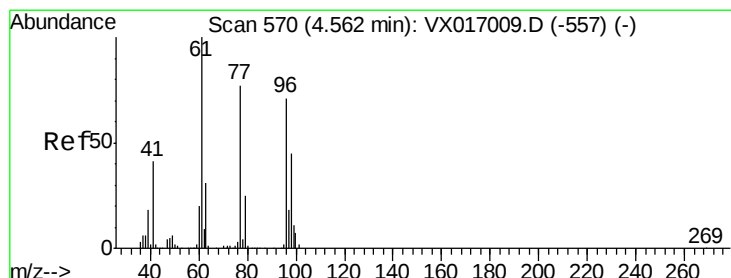
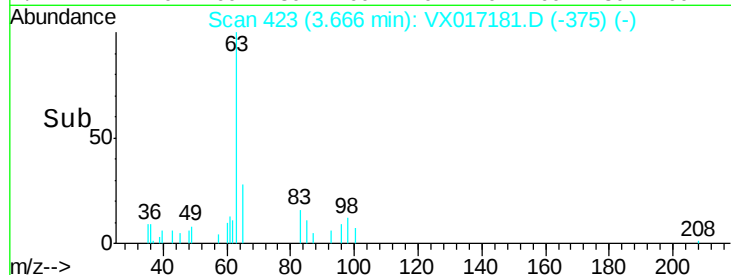
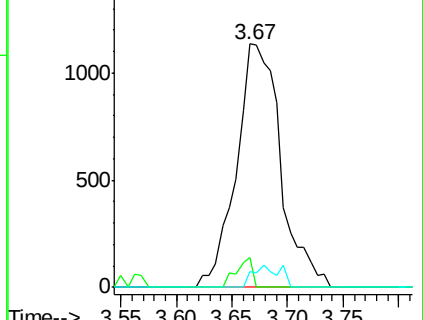
100 6.6 2.4 7.1



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: 7.745 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

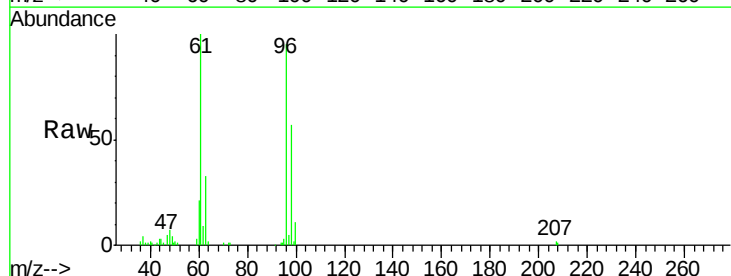
Tgt Ion: 96 Resp: 25589

Ion Ratio Lower Upper

96 100

61 122.3 0.0 282.8

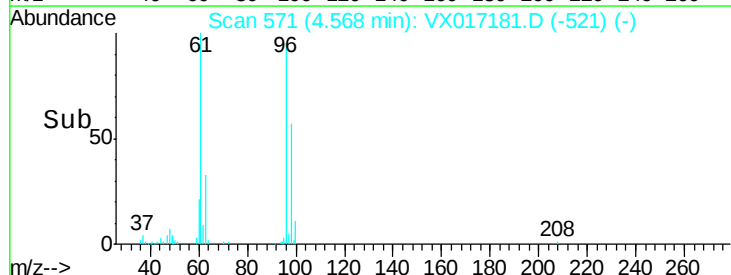
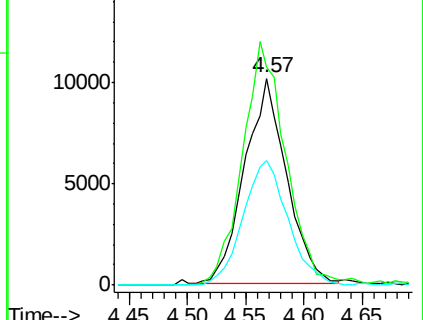
98 64.5 0.0 127.6

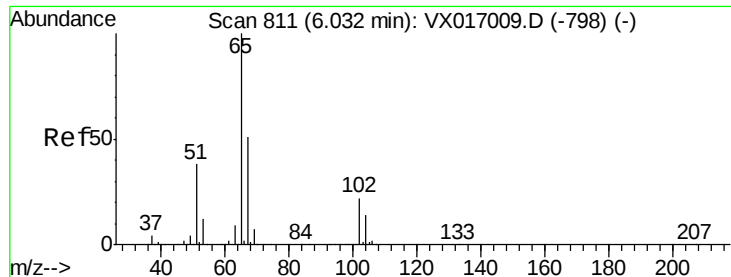


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

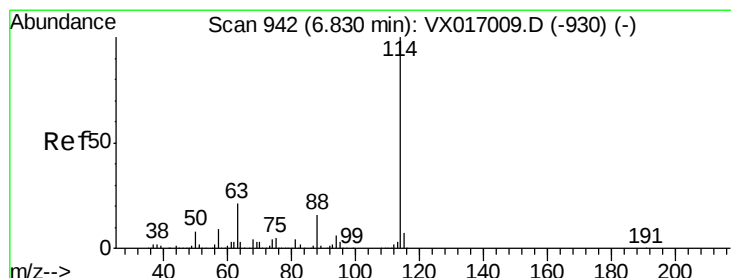
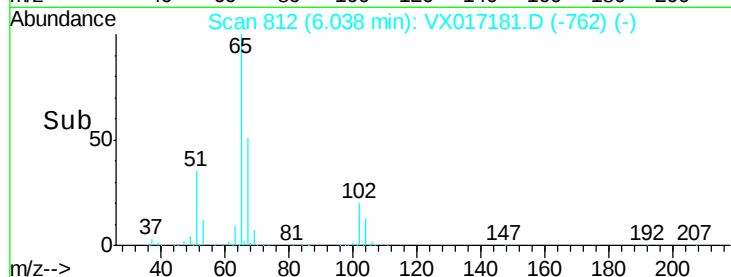
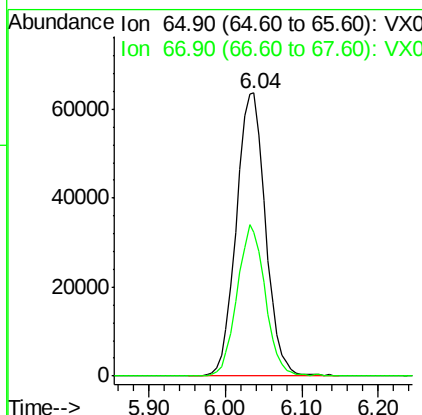
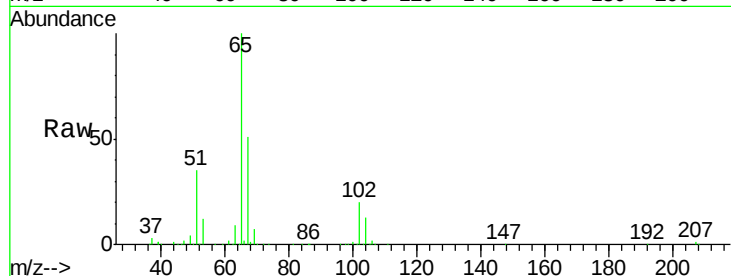




#33
 1,2-Dichloroethane-d4
 Concen: 51.508 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017181.D
 Acq: 06 Jul 2020 20:12

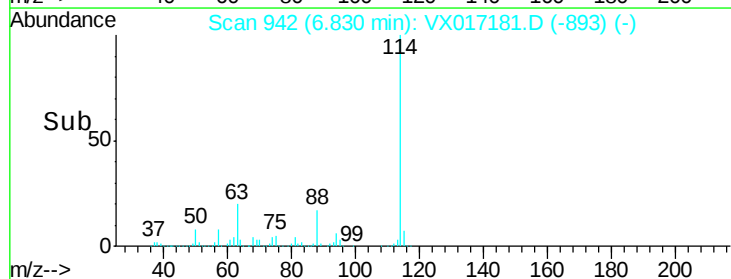
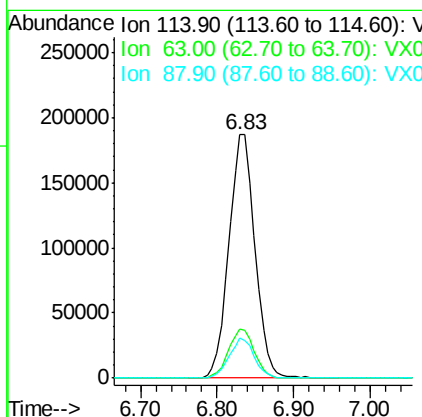
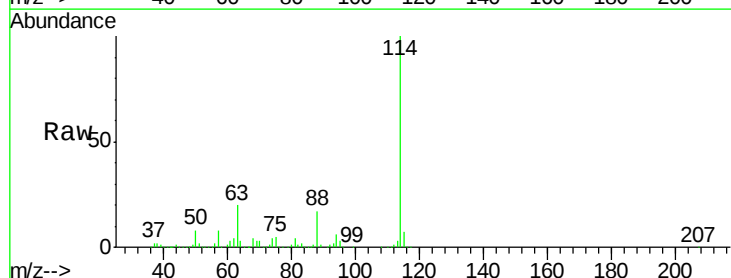
Instrument :
 MSVOA_X
 ClientSampleId :
 41BR-20200629

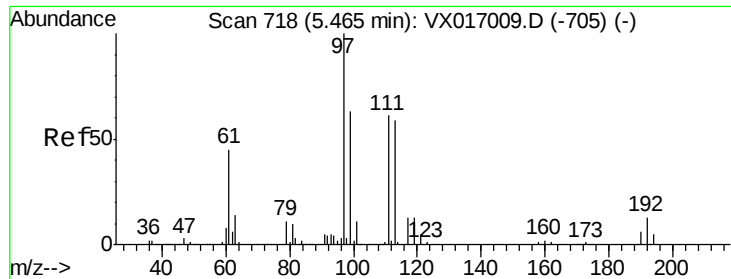
Tot Ion: 65 Resp: 168648
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017181.D
 Acq: 06 Jul 2020 20:12

Tgt Ion: 114 Resp: 441258
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 16.7 0.0 32.4

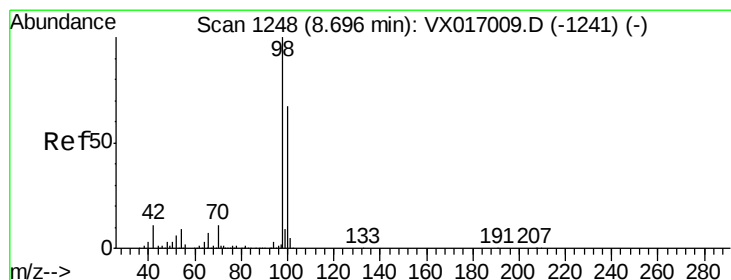
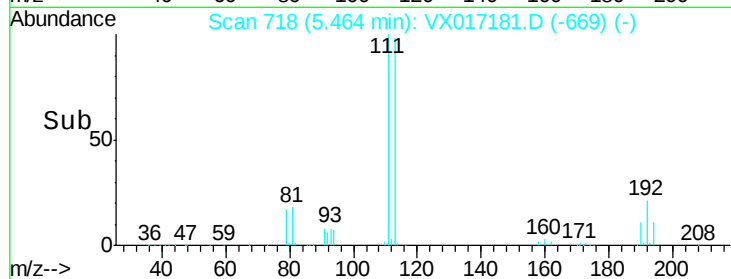
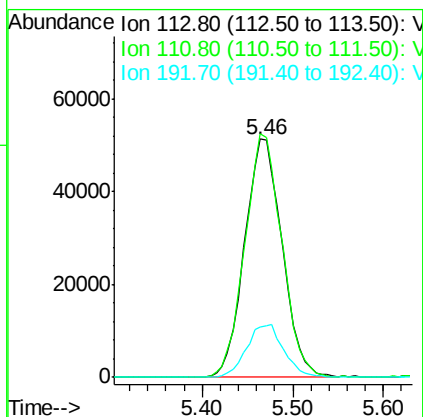
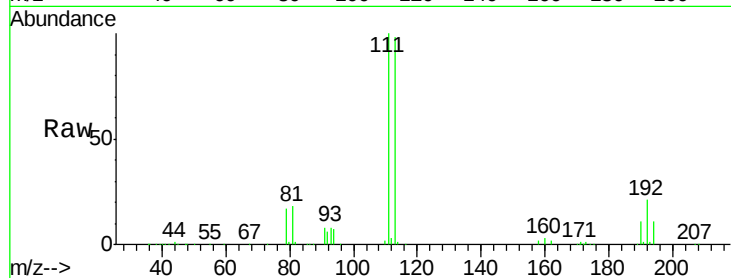




#35
 Dibromofluoromethane
 Concen: 52.793 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017181.D
 Acq: 06 Jul 2020 20:12

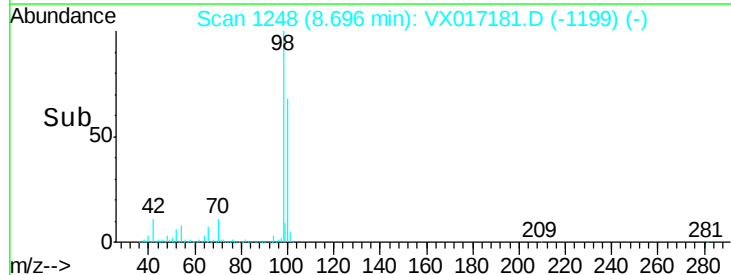
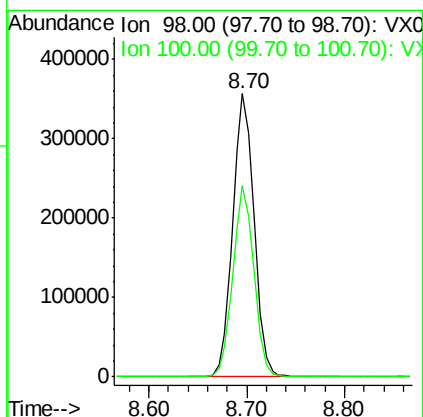
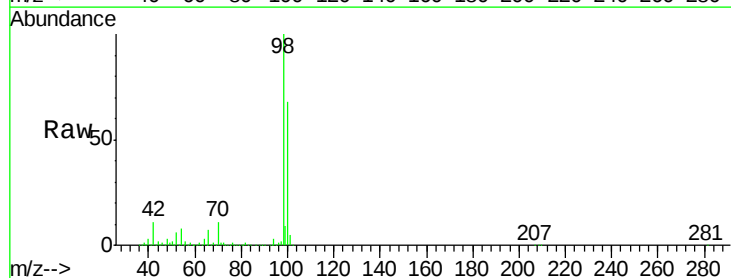
Instrument :
 MSVOA_X
 ClientSampleId :
 41BR-20200629

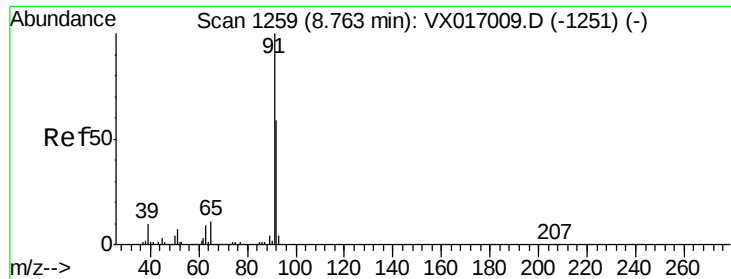
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	22.1	16.7	25.1



#50
 Toluene-d8
 Concen: 52.304 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017181.D
 Acq: 06 Jul 2020 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#52

Toluene

Concen: 1.023 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

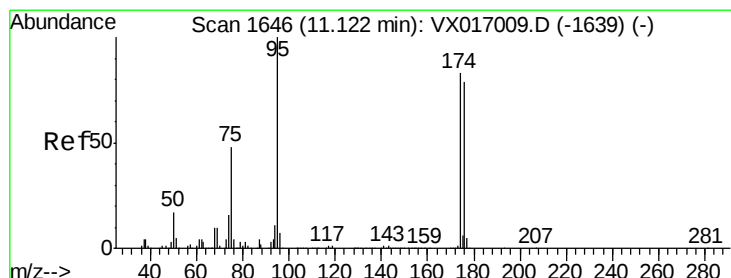
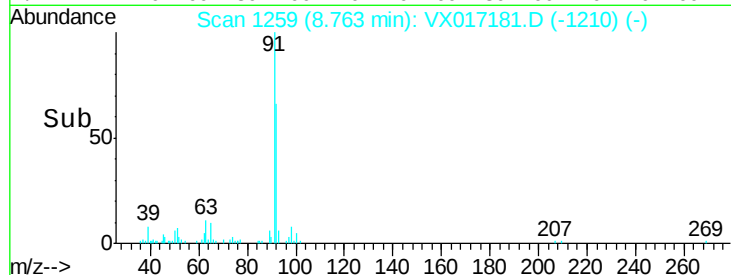
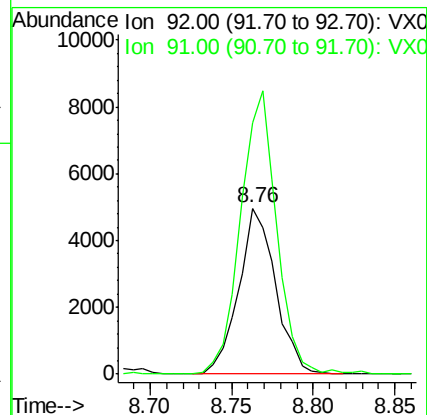
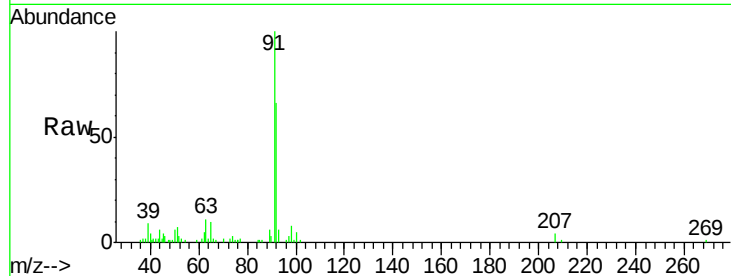
41BR-20200629

Tot Ion: 92 Resp: 7828

Ion Ratio Lower Upper

92 100

91 167.6 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 56.123 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017181.D

Acq: 06 Jul 2020 20:12

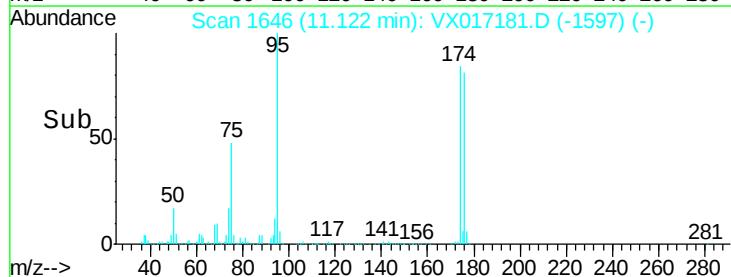
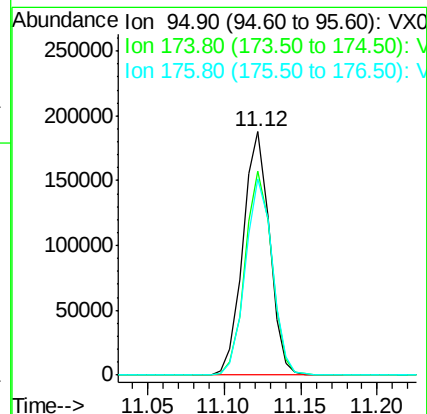
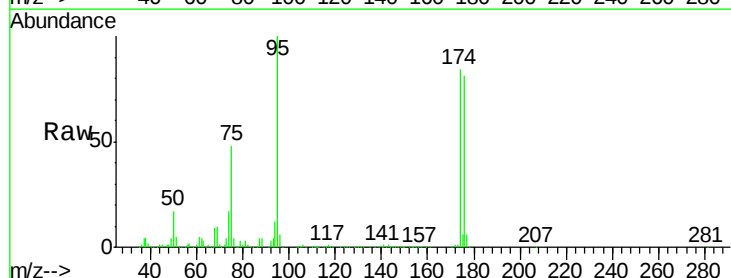
Tgt Ion: 95 Resp: 226444

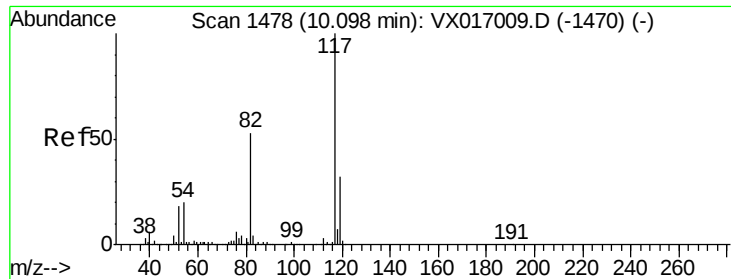
Ion Ratio Lower Upper

95 100

174 84.2 0.0 164.0

176 82.1 0.0 157.6

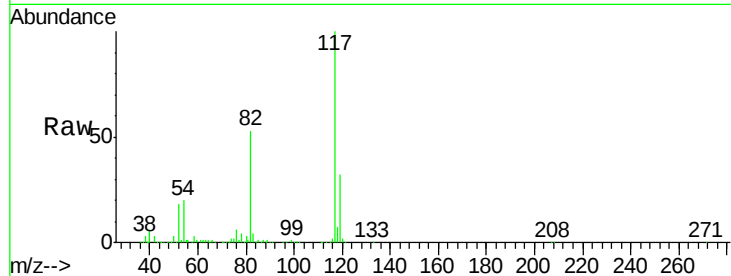




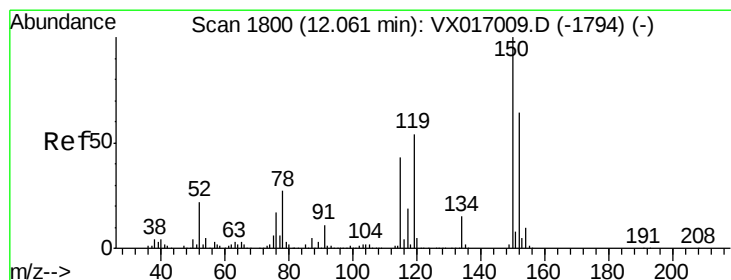
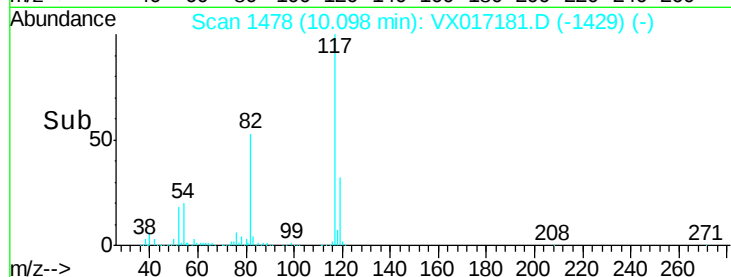
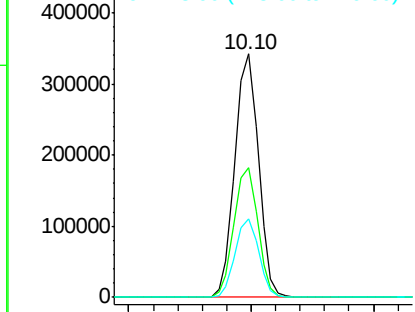
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017181.D
Acq: 06 Jul 2020 20:12

Instrument :
MSVOA_X
ClientSampleId :
41BR-20200629

Tot Ion:117 Resp: 457454
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 32.2 25.4 38.2

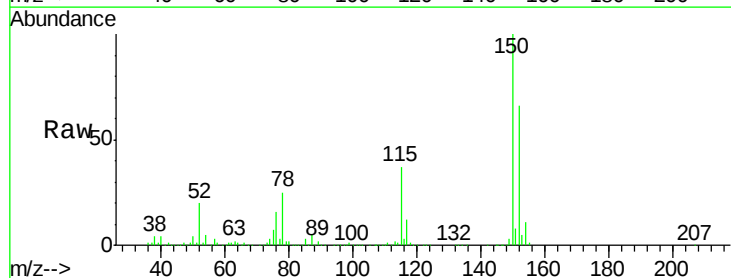


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017181.D
Acq: 06 Jul 2020 20:12

Tgt Ion:152 Resp: 257026
Ion Ratio Lower Upper
152 100
115 56.4 40.9 122.7
150 157.1 0.0 351.6



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

