

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002925.D
 Acq On : 18 Jun 2020 17:35
 Operator : SY/MD
 Sample : L3056-02
 Misc : 5.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-B-LOT-11

Quant Time: Jun 19 05:06:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

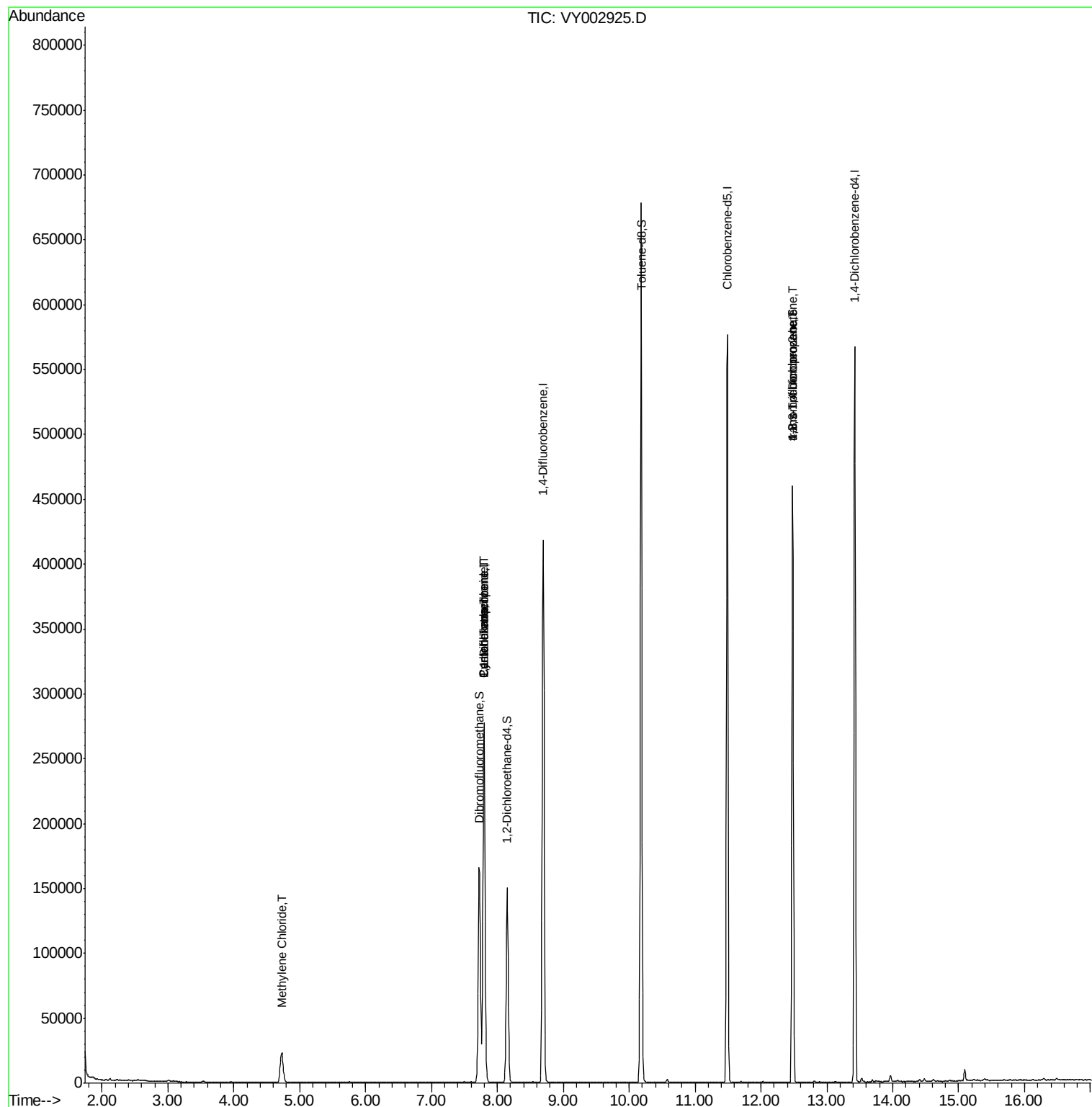
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	383389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	340172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118695	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
35) Dibromofluoromethane	7.72	113	118497	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	10.18	98	455394	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.48	95	132305	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
Target Compounds						
18) Methyl Acetate	4.50	43	561	Below Cal	#	57
20) Methylene Chloride	4.73	84	19220	8.248	ug/l	96
31) Cyclohexane	7.79	56	3492	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14054	4.352	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20871	5.817	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	64581	45.790	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	64581	86.269	ug/l #	17

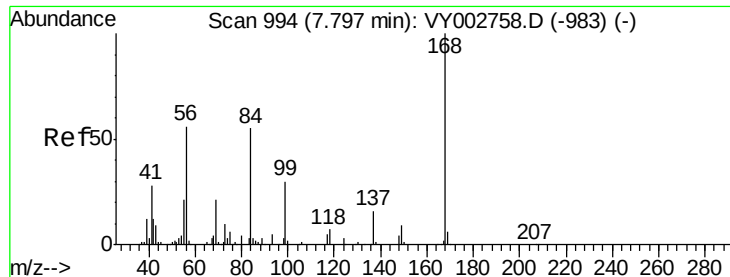
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

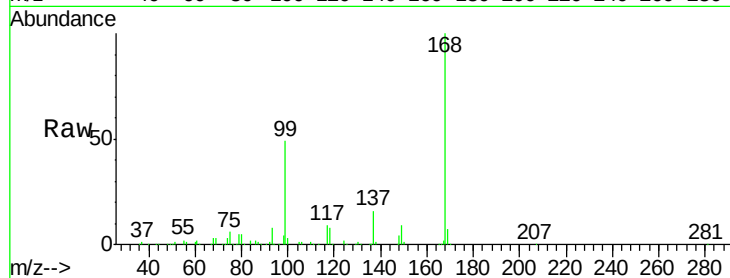
SAMPLE-B-LOT-11

Tot Ion:168 Resp: 234207

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002925.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002925.D (-945) (-)

7.80

120000

100000

80000

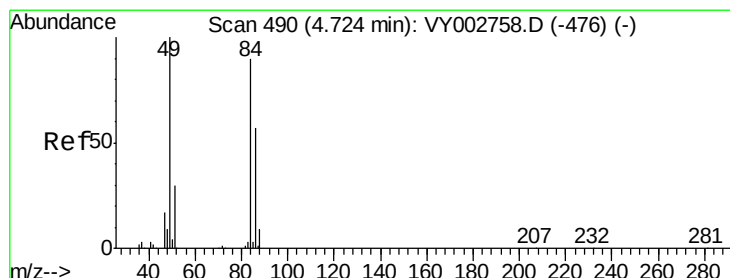
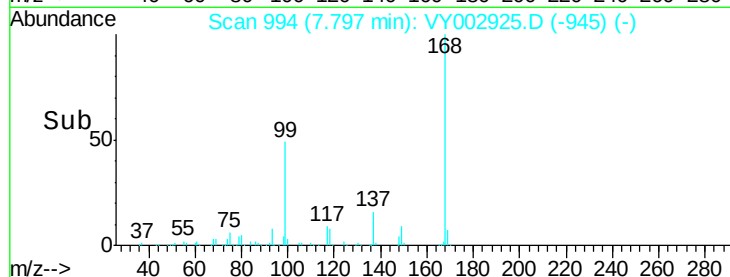
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.248 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Tgt Ion: 84 Resp: 19220

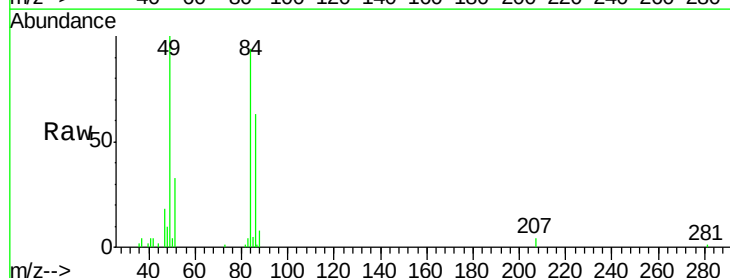
Ion Ratio Lower Upper

84 100

49 105.8 88.5 132.7

51 34.9 26.8 40.2

86 67.0 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002925.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002925.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002925.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002925.D (-441) (-)

4.73

10000

8000

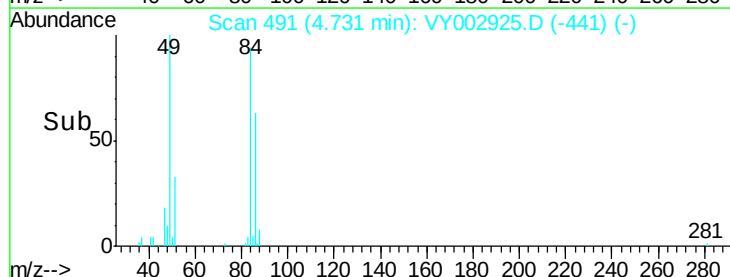
6000

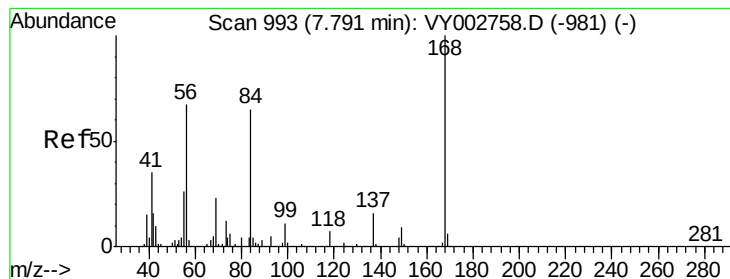
4000

2000

0

Time-->





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Instrument :

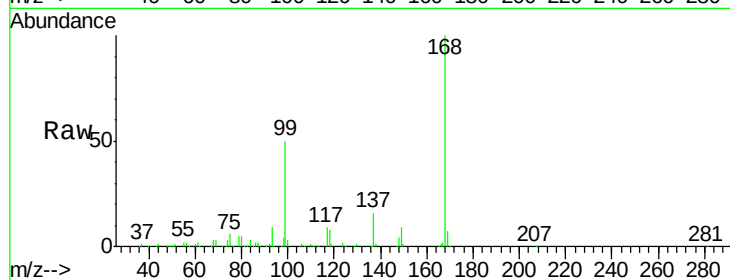
MSVOA_Y

ClientSampleId :

SAMPLE-B-LOT-11

Tot Ion: 56 Resp: 3492

Ion	Ratio	Lower	Upper
56	100		
69	169.1	28.0	42.0
84	188.3	77.7	116.5

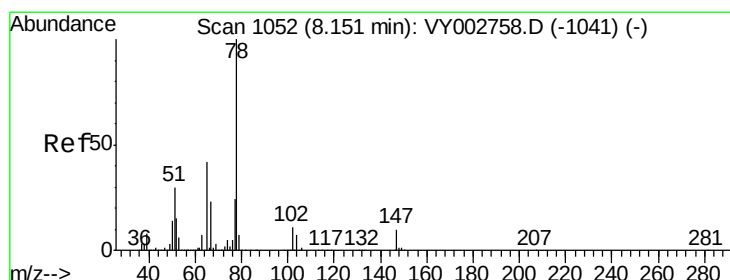
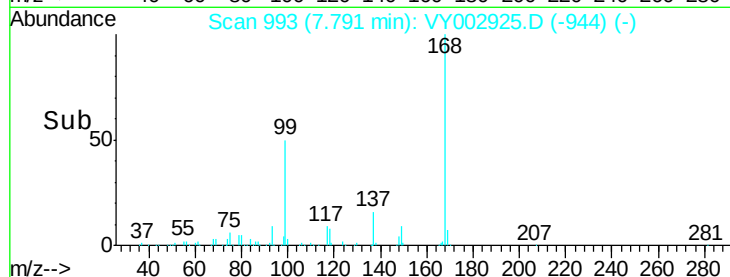
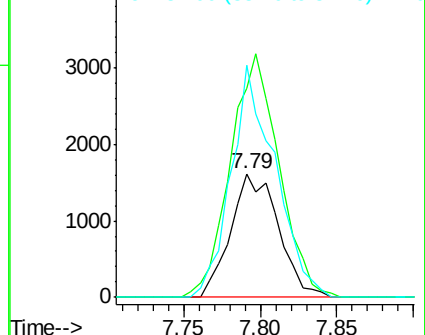


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.368 ug/l

RT: 8.15 min Scan# 1052

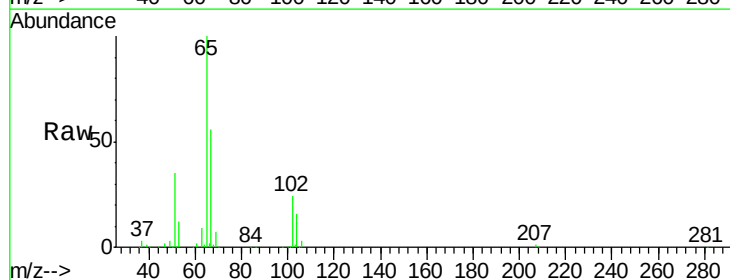
Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Tgt Ion: 65 Resp: 118695

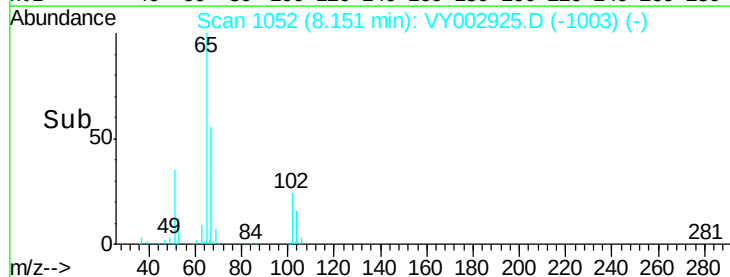
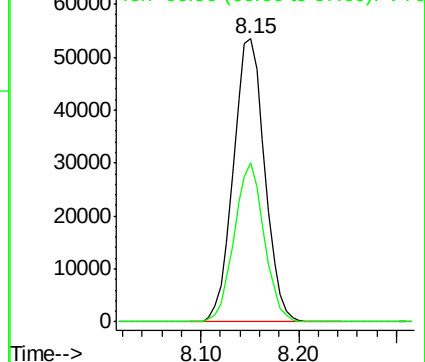
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	111.0

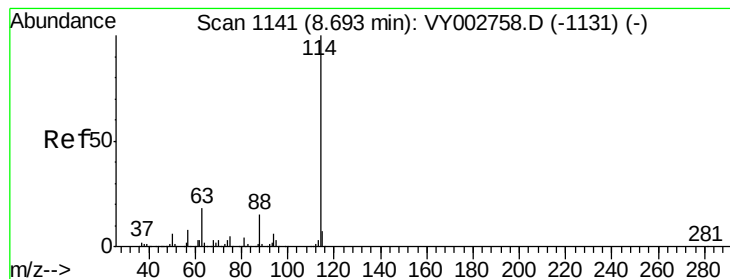


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-B-LOT-11

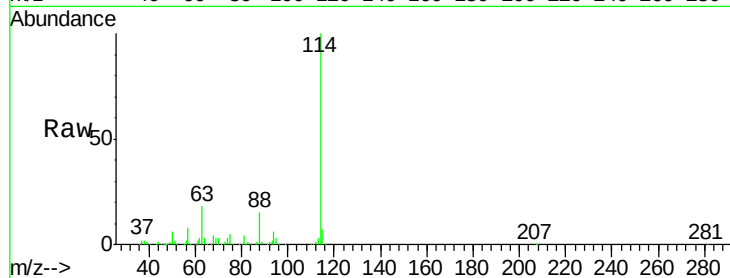
Tot Ion:114 Resp: 383389

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

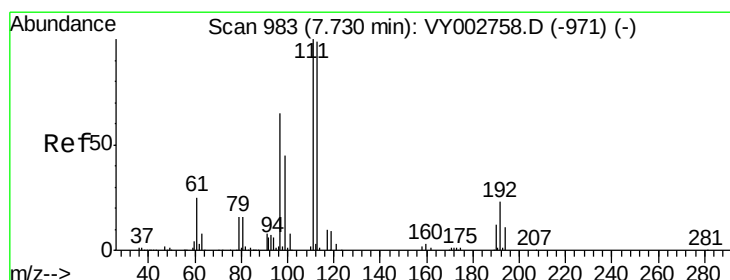
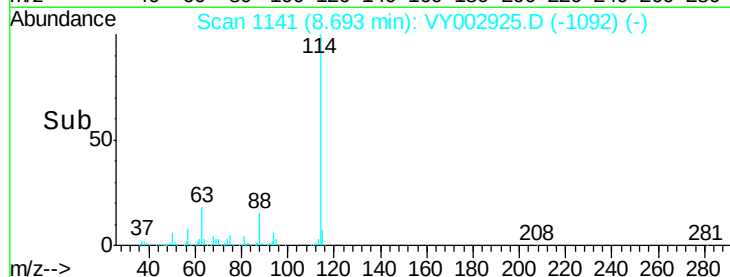
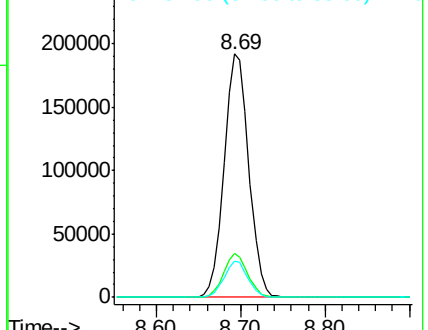
88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.739 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

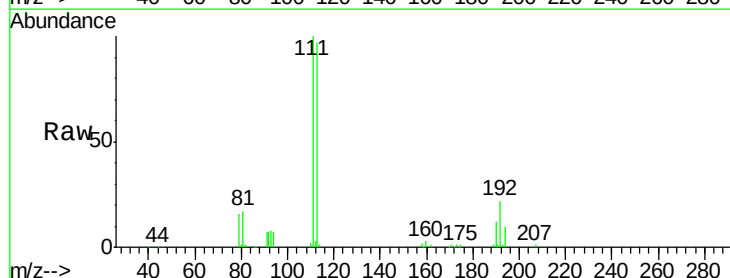
Tgt Ion:113 Resp: 118497

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

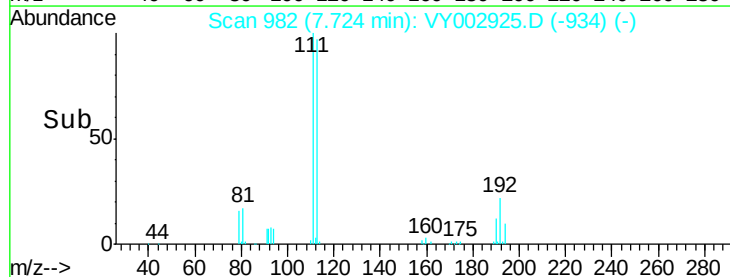
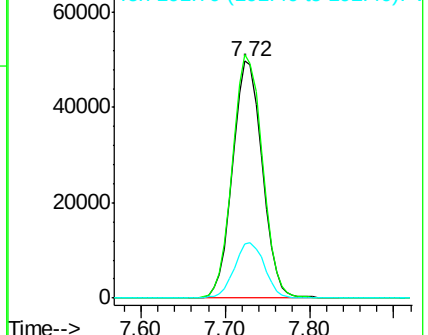
192 23.7 18.9 28.3

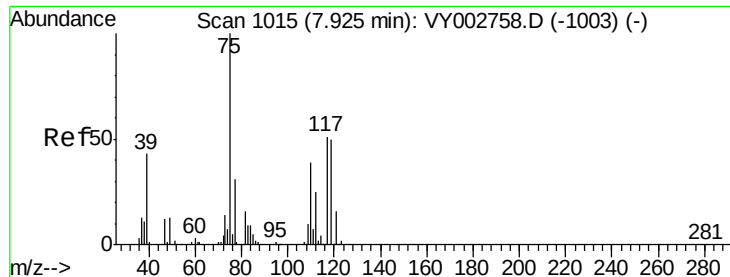


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

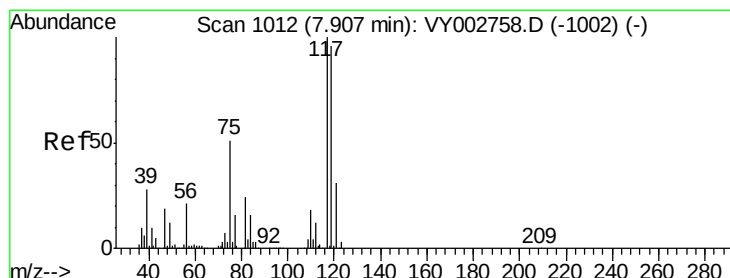
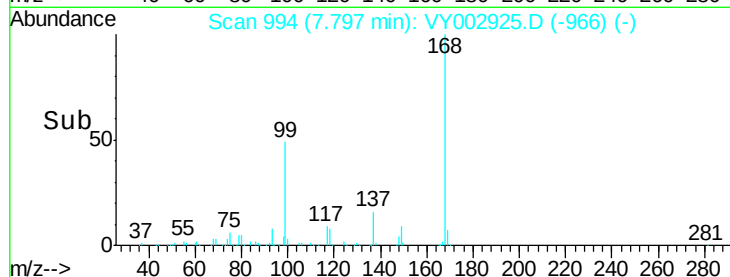
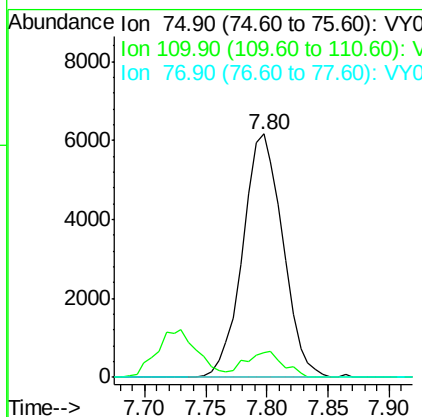
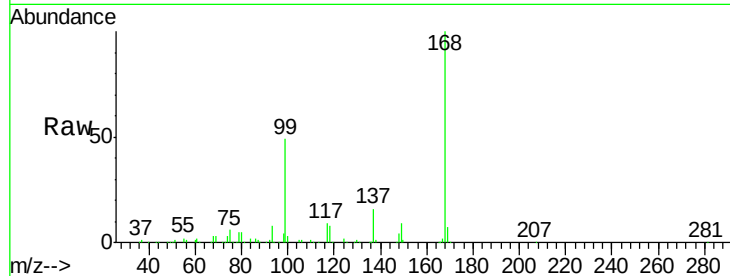




#36
 1,1-Dichloropropene
 Concen: 4.352 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002925.D
 Acq: 18 Jun 2020 17:35

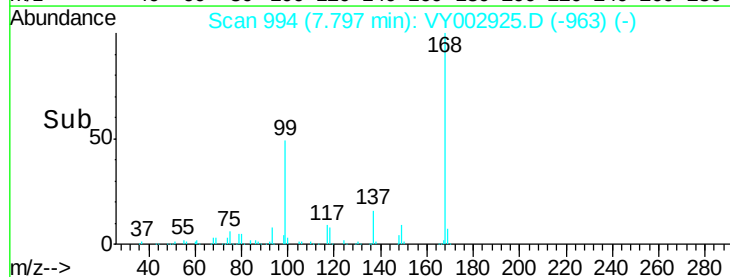
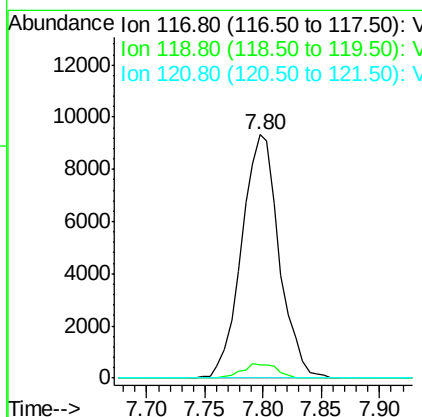
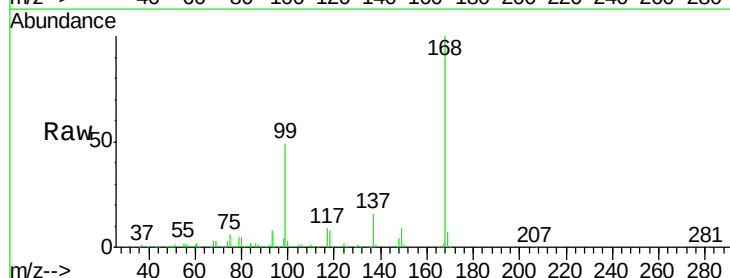
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-B-LOT-11

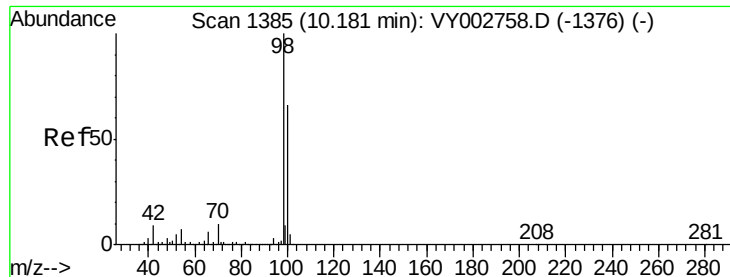
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.817 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002925.D
 Acq: 18 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 50.128 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

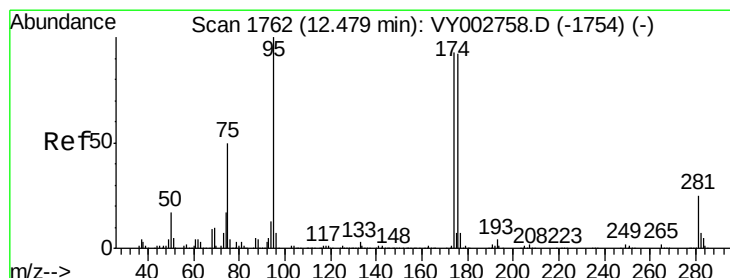
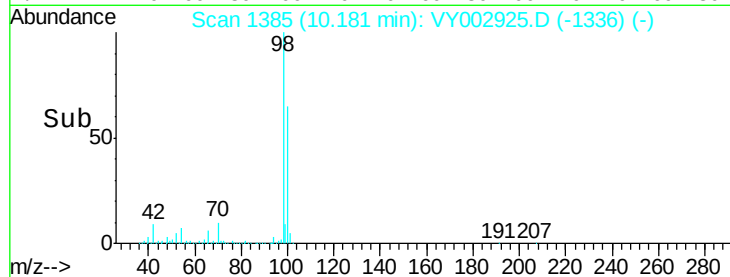
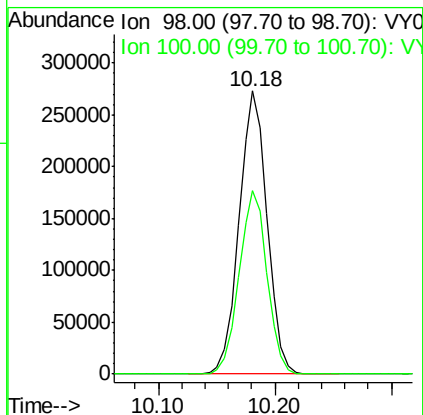
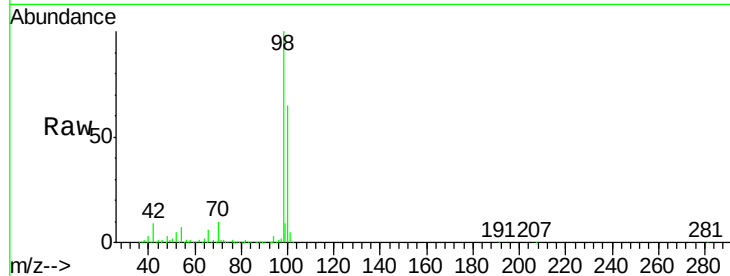
SAMPLE-B-LOT-11

Tot Ion: 98 Resp: 455394

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 42.615 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002925.D

Acq: 18 Jun 2020 17:35

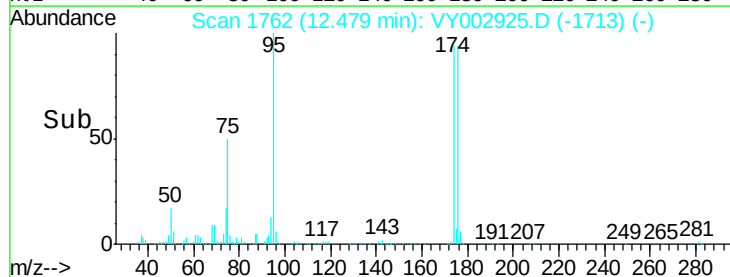
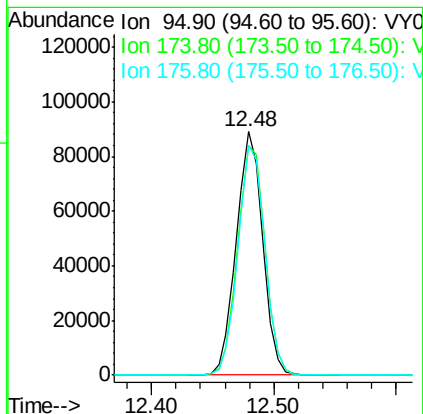
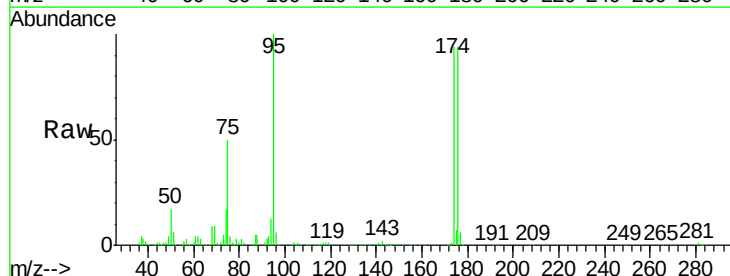
Tgt Ion: 95 Resp: 132305

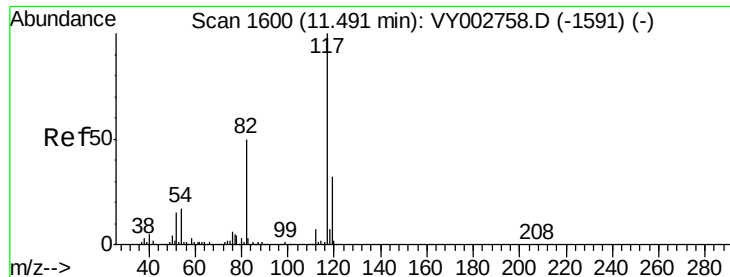
Ion Ratio Lower Upper

95 100

174 98.5 0.0 191.2

176 95.9 0.0 188.8

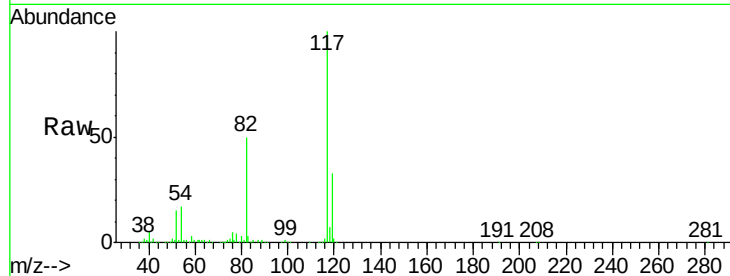




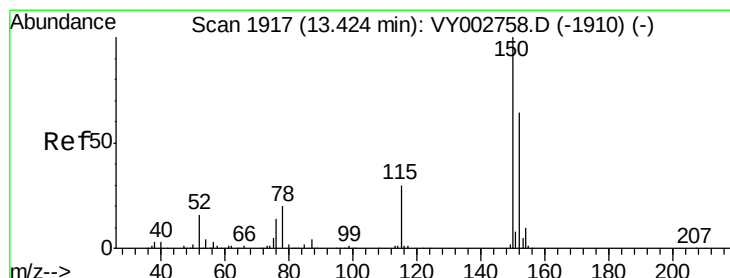
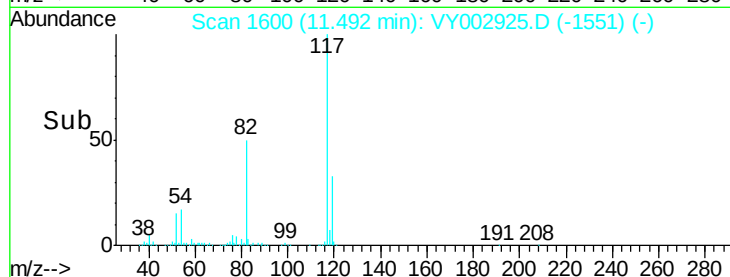
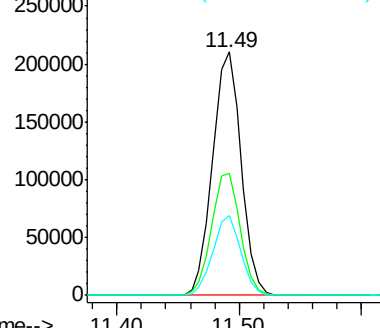
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002925.D
Acq: 18 Jun 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion:117 Resp: 340172
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 32.5 25.8 38.8

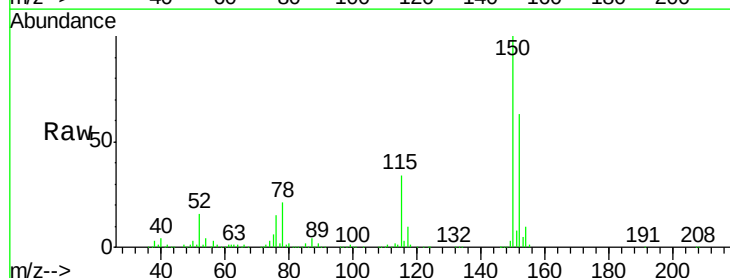


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

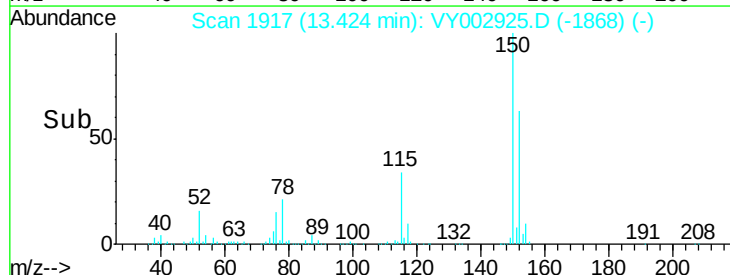
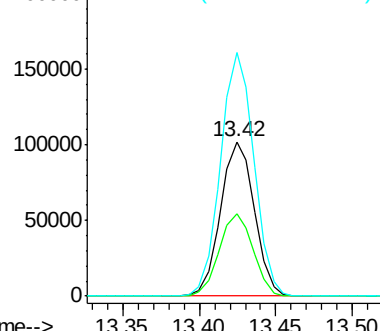


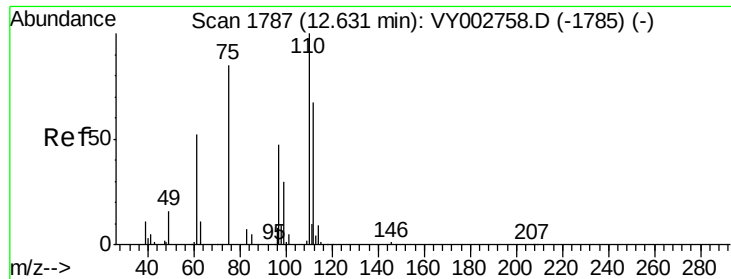
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002925.D
Acq: 18 Jun 2020 17:35

Tgt Ion:152 Resp: 156521
Ion Ratio Lower Upper
152 100
115 53.6 27.0 81.0
150 156.0 0.0 344.8



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

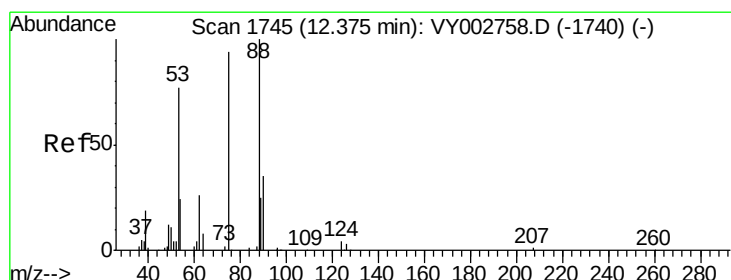
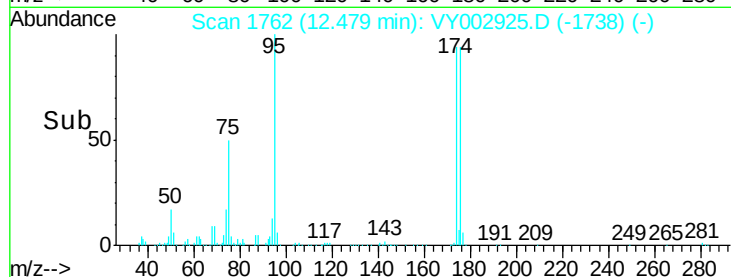
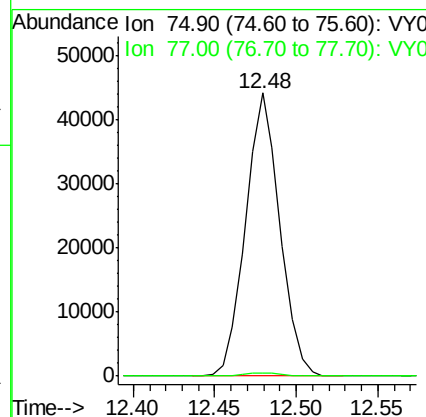
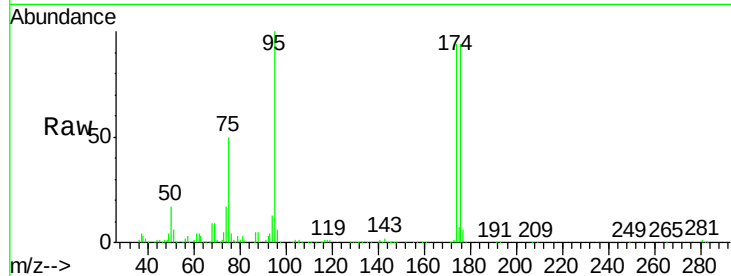




#76
 1,2,3-Trichloropropane
 Concen: 45.790 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002925.D
 Acq: 18 Jun 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-B-LOT-11

Tot Ion: 75 Resp: 64581
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.269 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002925.D
 Acq: 18 Jun 2020 17:35

Tgt Ion: 75 Resp: 64581
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.0 96.0#
 89 0.0 37.4 56.2#

