

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002768.D
 Acq On : 27 May 2020 16:51
 Operator : SY/MD
 Sample : L2776-05
 Misc : 3.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 339

Quant Time: May 28 09:08:52 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

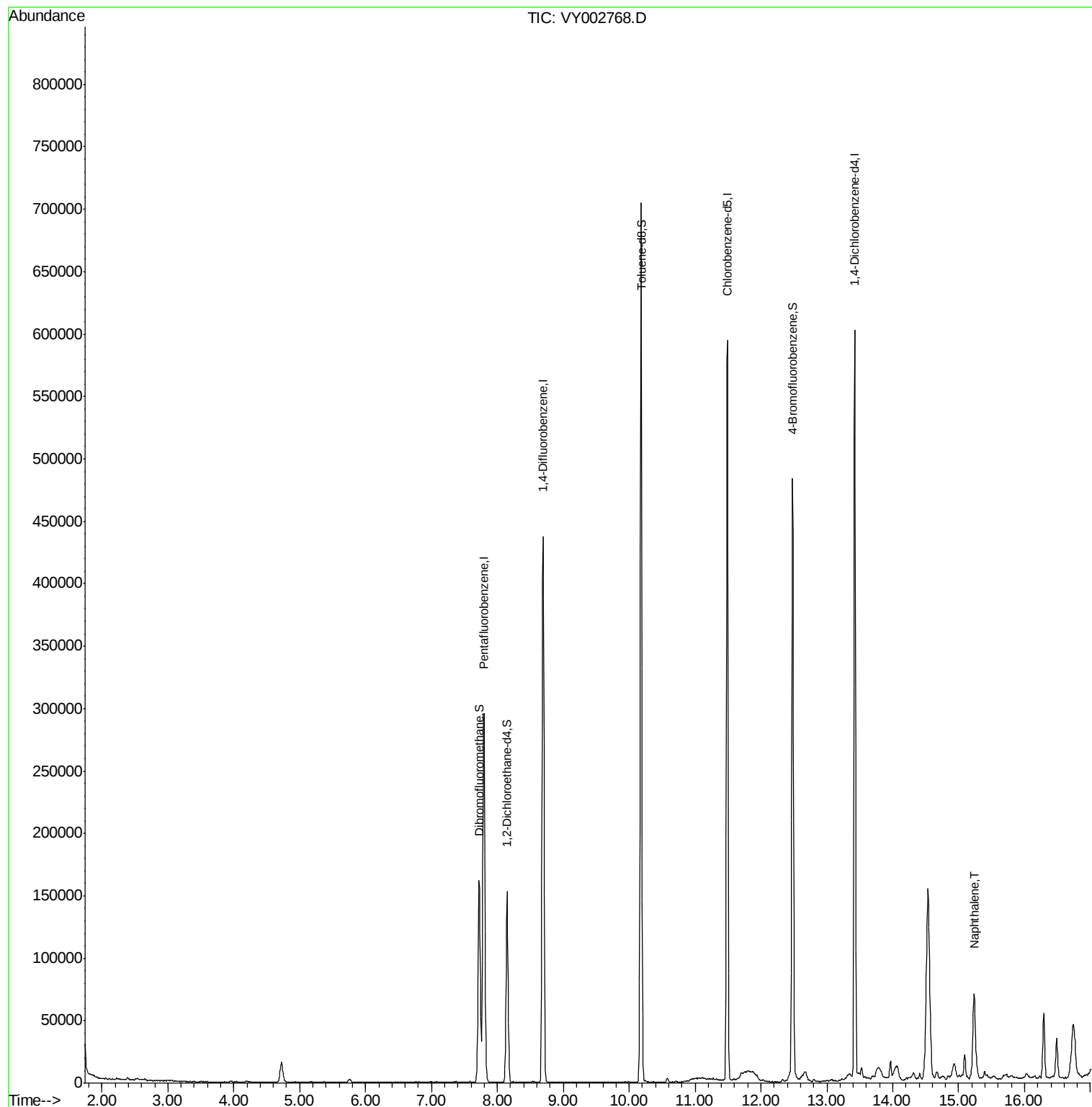
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	256358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	398339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	347669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	114793	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.72	113	117194	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.18	98	462737	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.48	95	142577	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
95) Naphthalene	15.23	128	13884	1.982	ug/l #	Qvalue 96

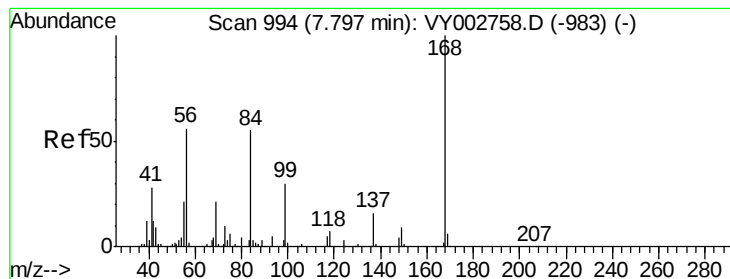
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002768.D
Acq On : 27 May 2020 16:51
Operator : SY/MD
Sample : L2776-05
Misc : 3.61G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
339

Quant Time: May 28 09:08:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

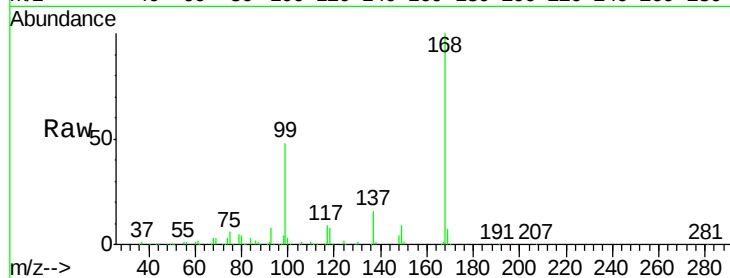
339

Tot Ion:168 Resp: 256358

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.79

120000

100000

80000

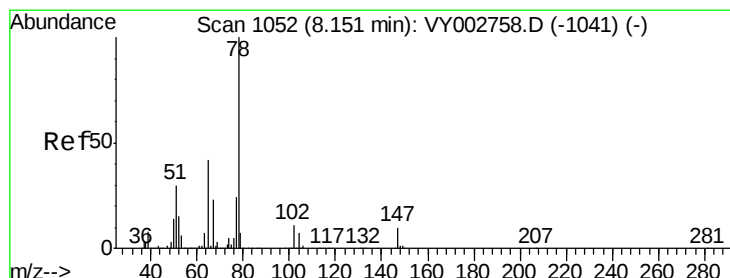
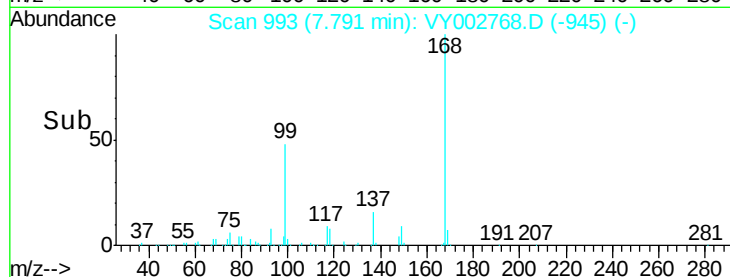
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.571 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002768.D

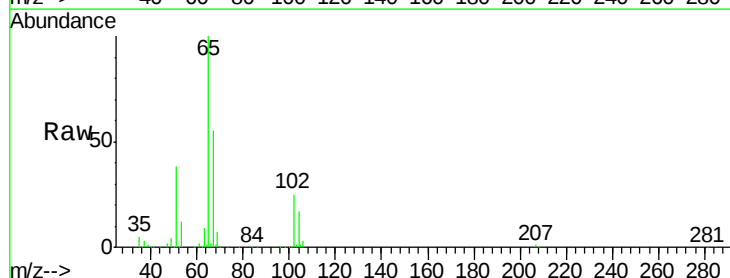
Acq: 27 May 2020 16:51

Tgt Ion: 65 Resp: 114793

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002758.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002758.D (-1041) (-)

8.14

60000

50000

40000

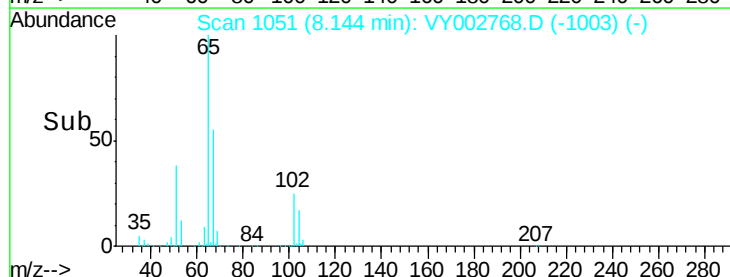
30000

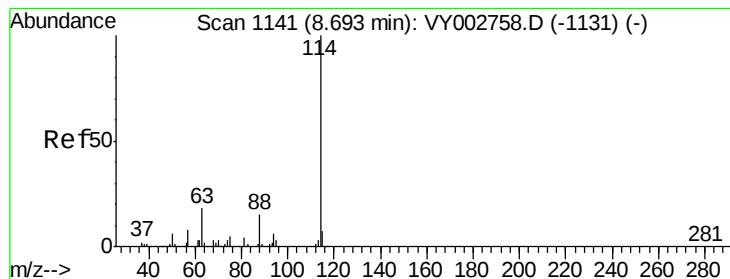
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

339

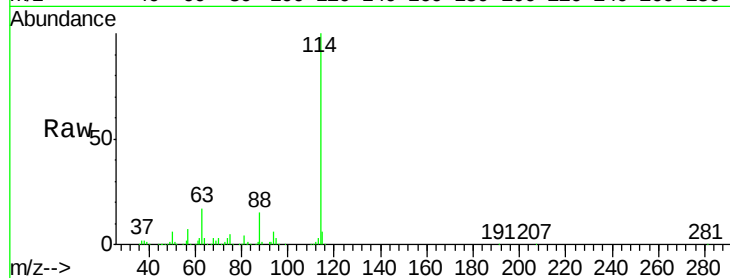
Tot Ion:114 Resp: 398339

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.2

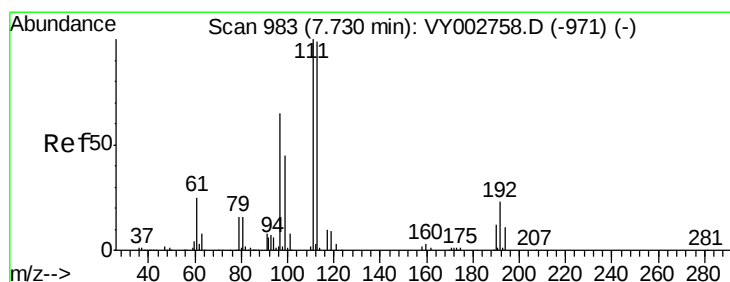
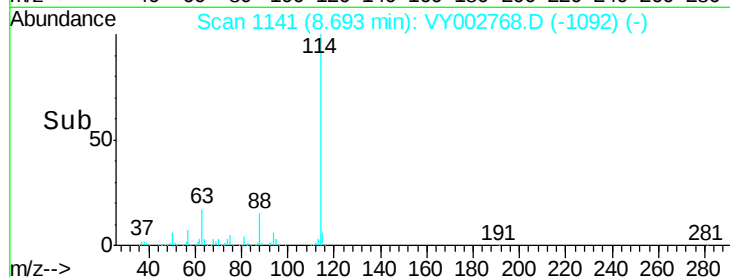
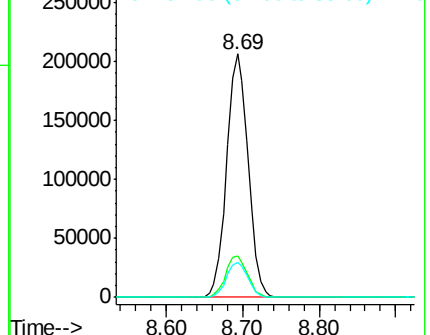
88 14.5 0.0 29.2



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: 50.202 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

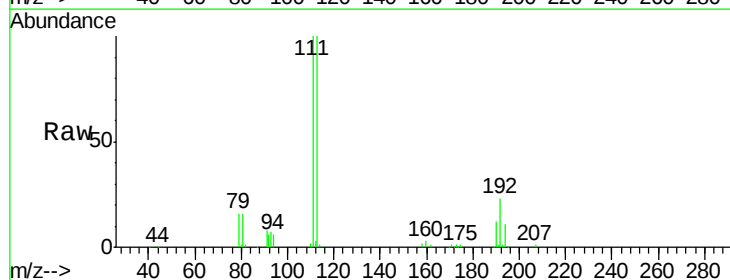
Tgt Ion:113 Resp: 117194

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

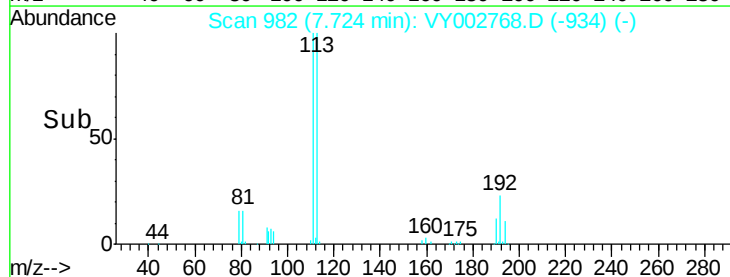
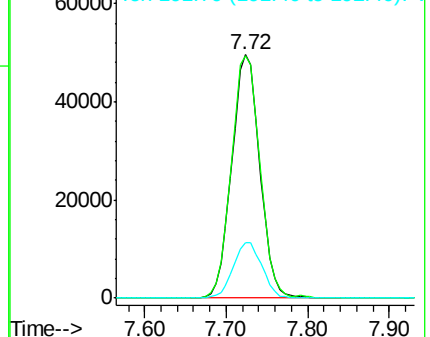
192 23.5 18.9 28.3

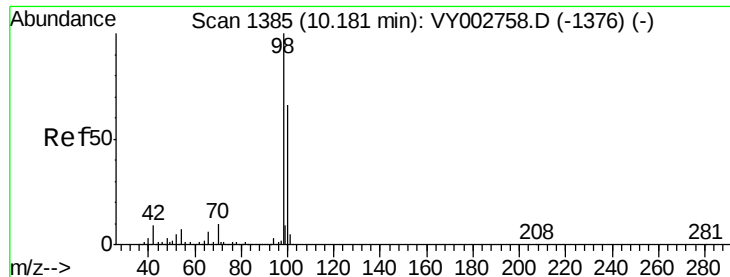


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.025 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

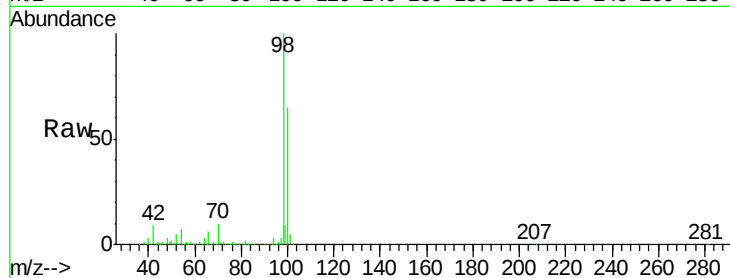
339

Tot Ion: 98 Resp: 462737

Ion Ratio Lower Upper

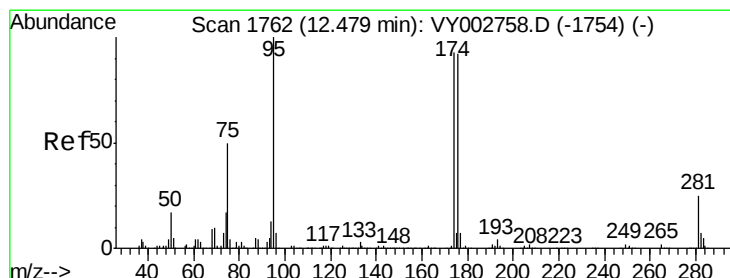
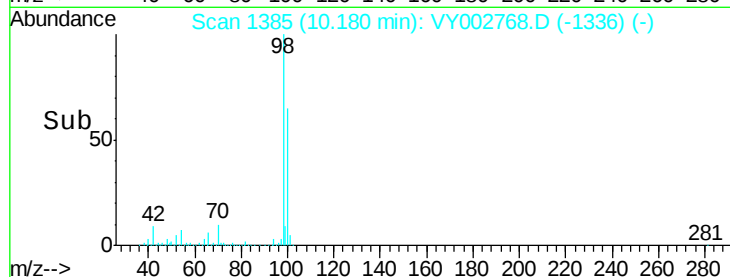
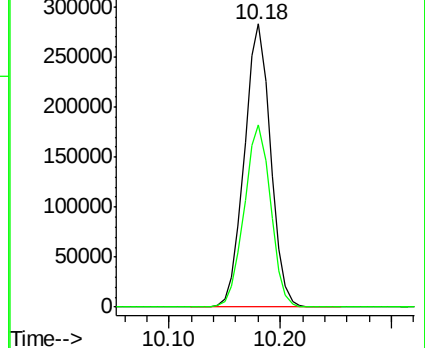
98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 44.200 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

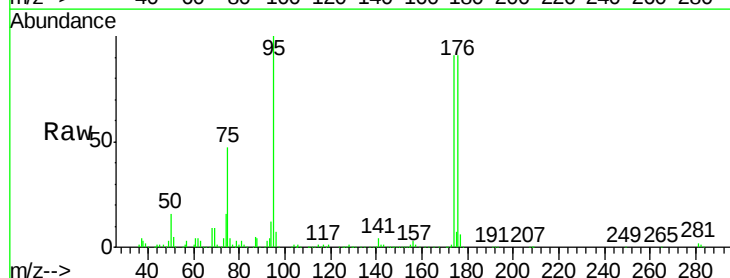
Tgt Ion: 95 Resp: 142577

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.2

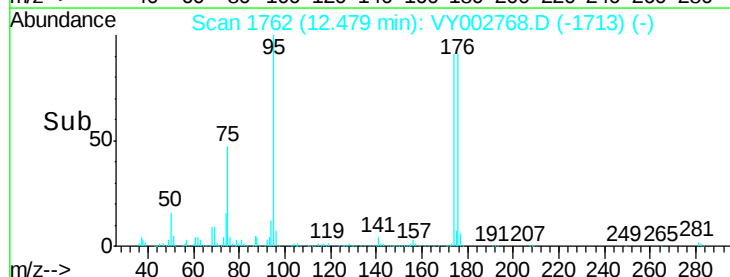
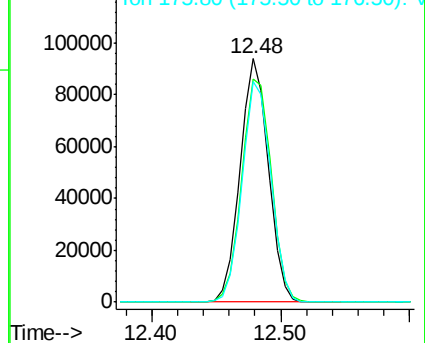
176 91.9 0.0 188.8

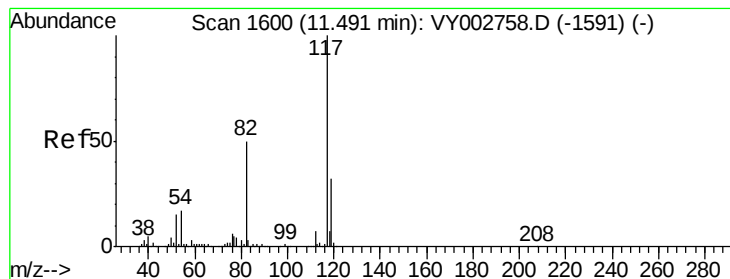


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

339

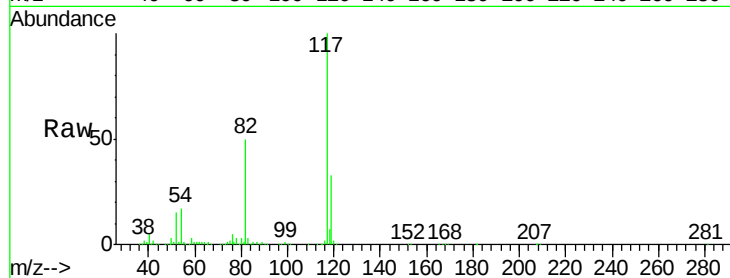
Tot Ion:117 Resp: 347669

Ion Ratio Lower Upper

117 100

82 50.4 40.2 60.4

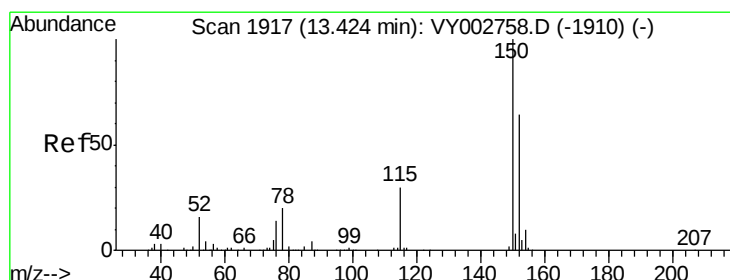
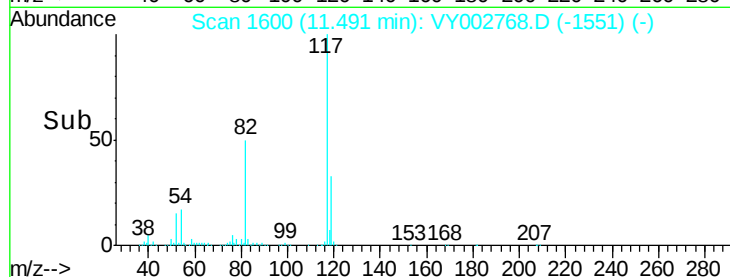
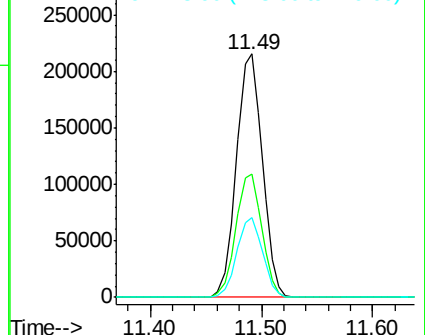
119 32.7 25.8 38.8



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: VY002768.D

Acq: 27 May 2020 16:51

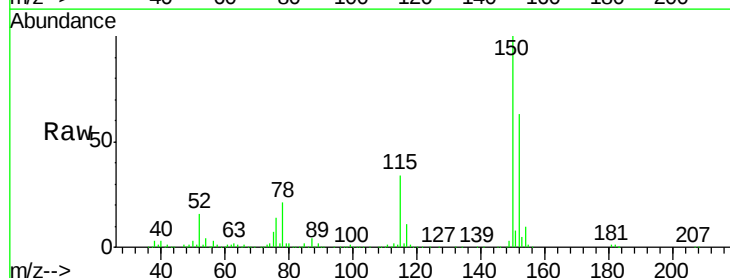
Tgt Ion:152 Resp: 161692

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

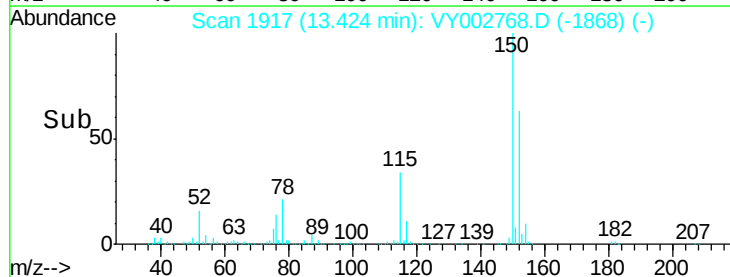
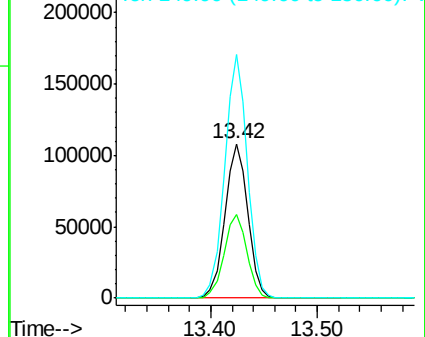
150 156.5 0.0 344.8

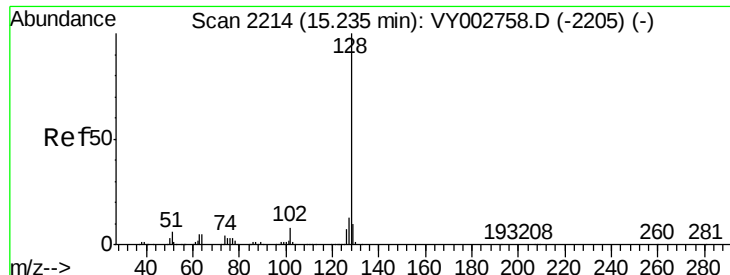


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.982 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002768.D

Acq: 27 May 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

339

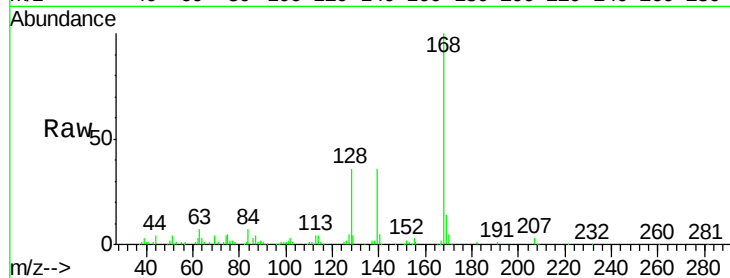
Tot Ion:128 Resp: 13884

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 13.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

