

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002741.D
 Acq On : 21 May 2020 15:16
 Operator : SY/MD
 Sample : L2728-13
 Misc : 12.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 240001

Quant Time: May 21 17:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	515996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238445	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151765	59.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.92%	
35) Dibromofluoromethane	7.72	113	157137	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.18	98	607258	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.48	95	203617	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

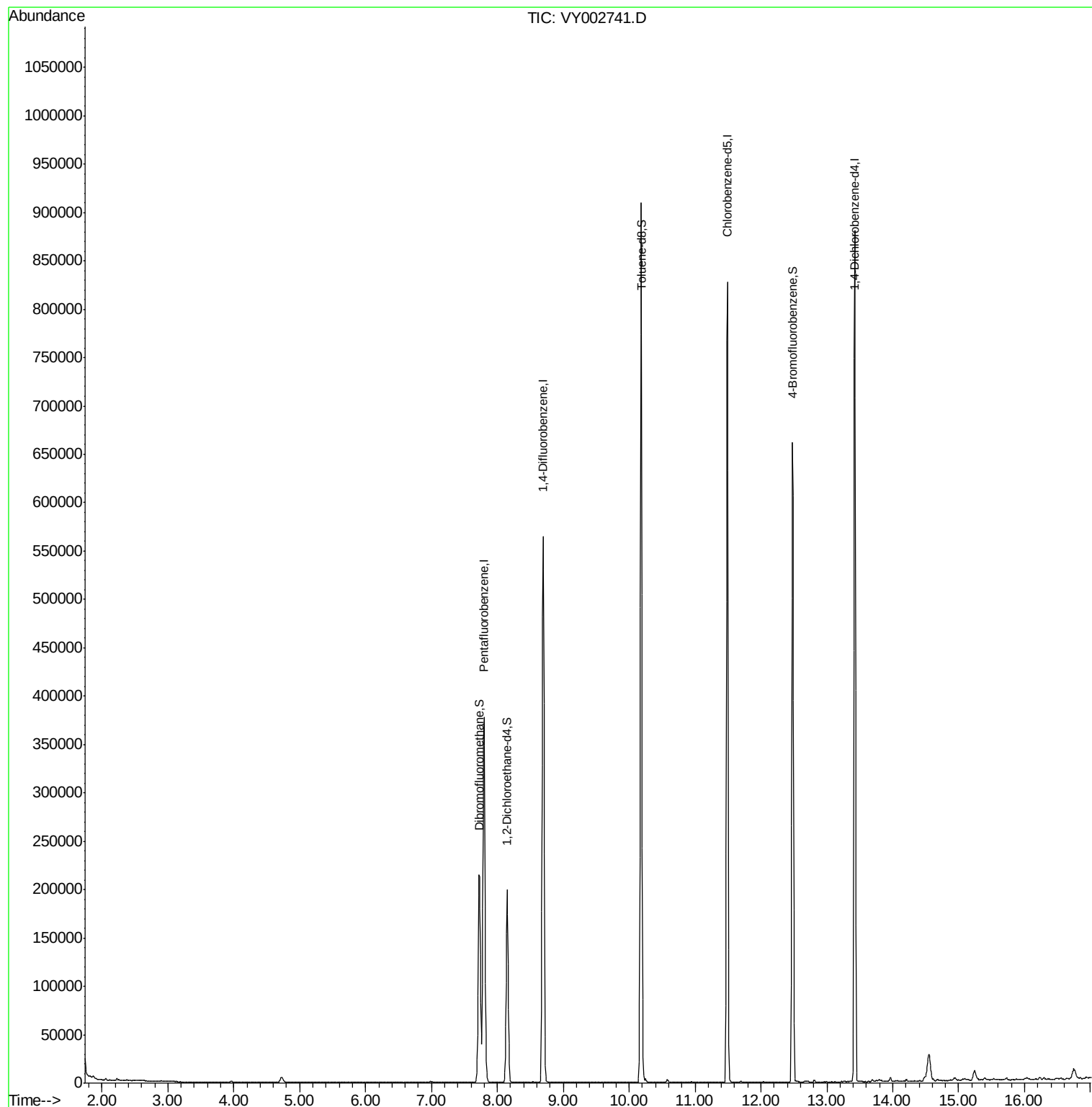
Target Compounds	Qvalue

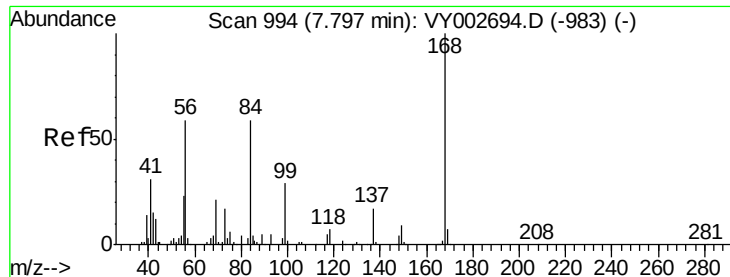
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002741.D

Acq: 21 May 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

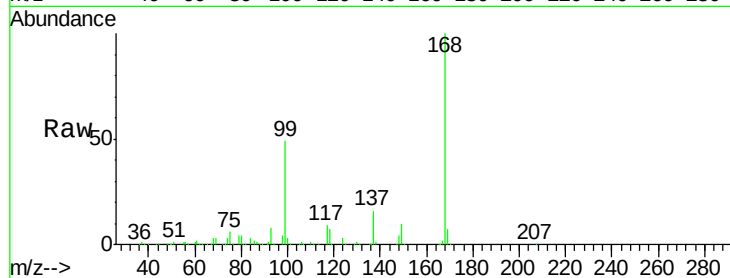
240001

Tot Ion:168 Resp: 323596

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002741.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002741.D (-945) (-)

7.80

150000

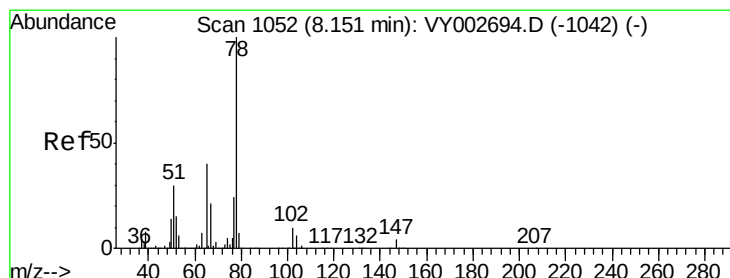
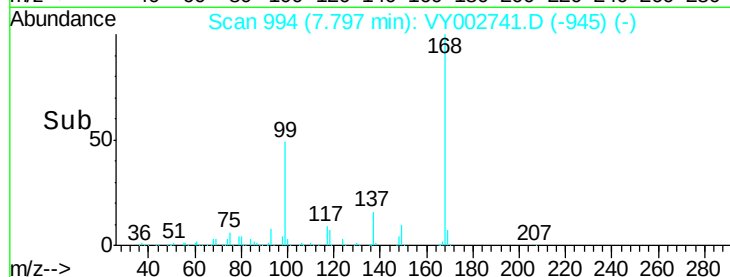
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.958 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002741.D

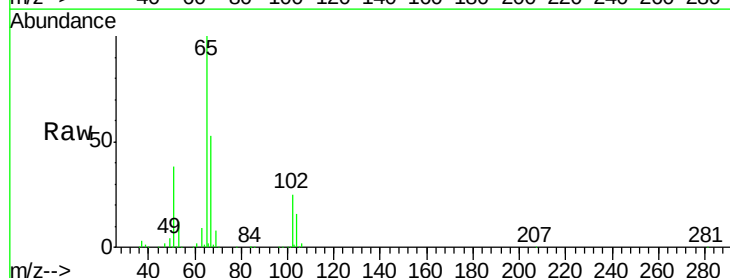
Acq: 21 May 2020 15:16

Tgt Ion: 65 Resp: 151765

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002741.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002741.D (-1003) (-)

8.15

80000

60000

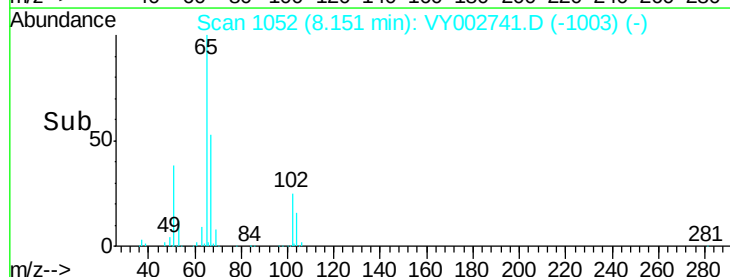
40000

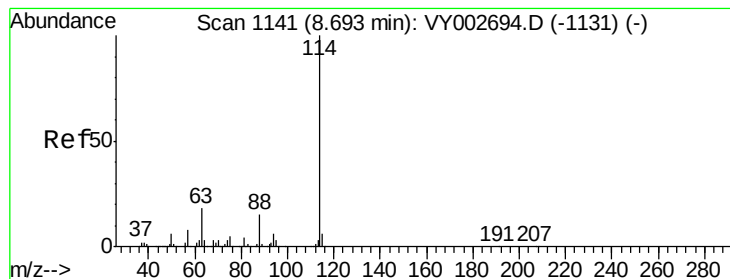
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002741.D

Acq: 21 May 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

240001

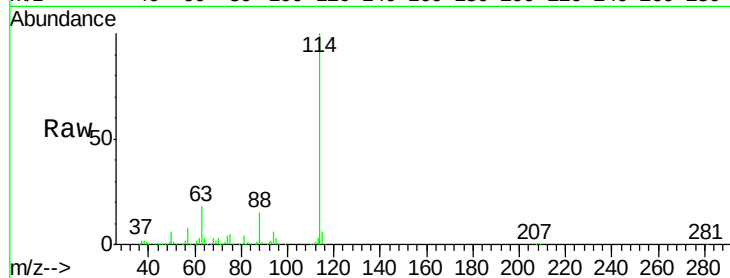
Tot Ion:114 Resp: 515996

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

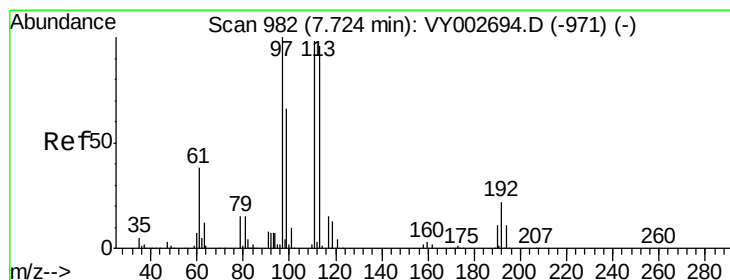
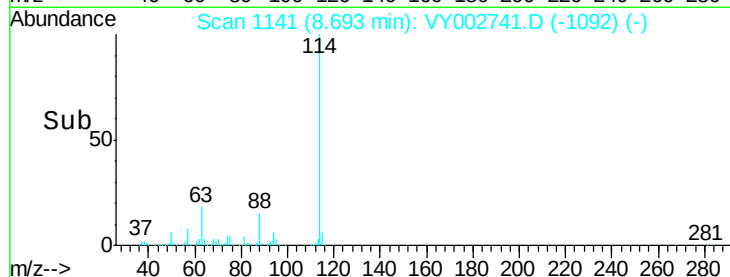
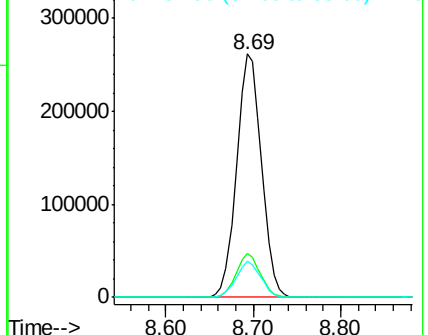
88 14.8 0.0 29.4



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: 55.181 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002741.D

Acq: 21 May 2020 15:16

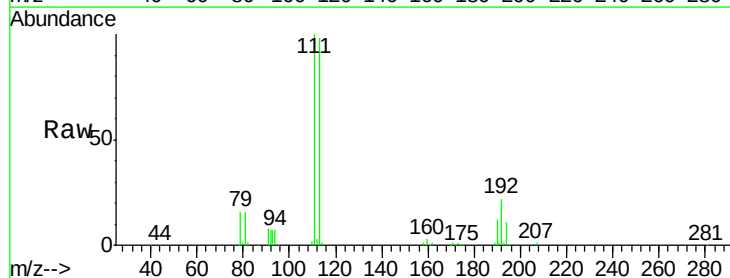
Tgt Ion:113 Resp: 157137

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

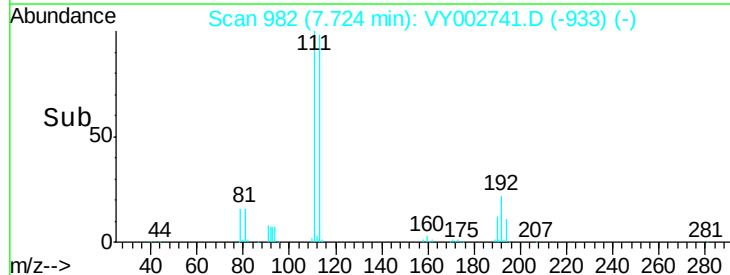
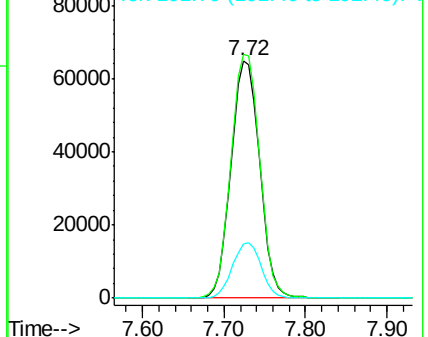
192 23.3 18.6 27.8

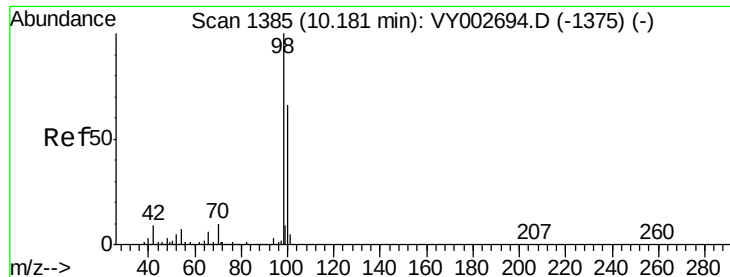


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.967 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002741.D

Acq: 21 May 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

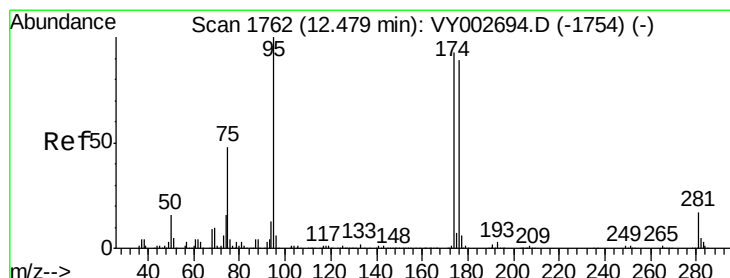
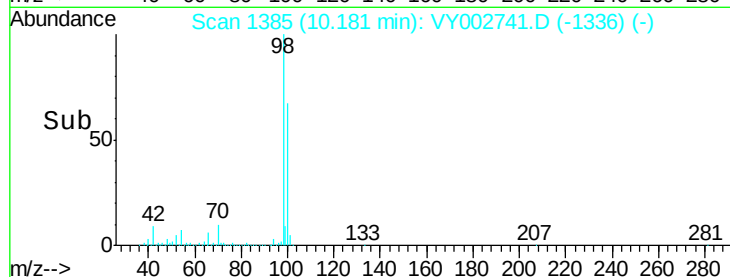
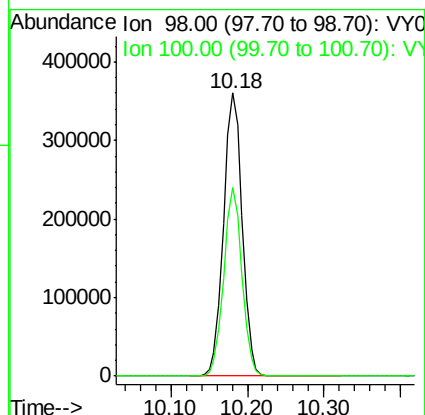
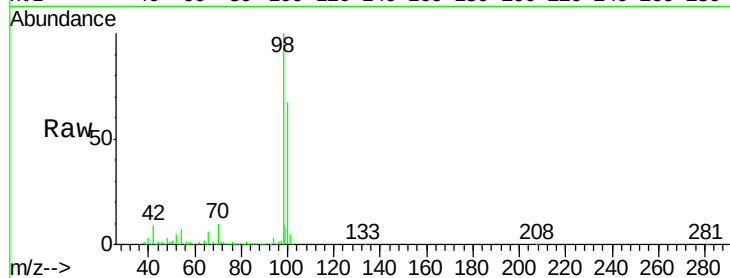
240001

Tot Ion: 98 Resp: 607258

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 51.672 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002741.D

Acq: 21 May 2020 15:16

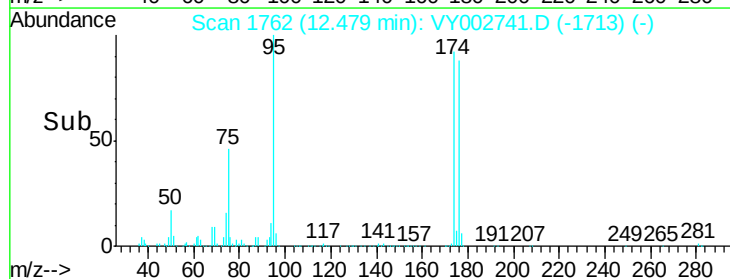
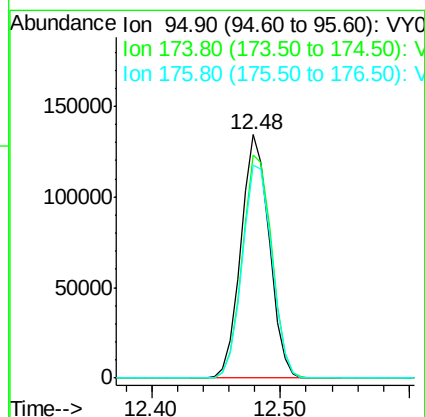
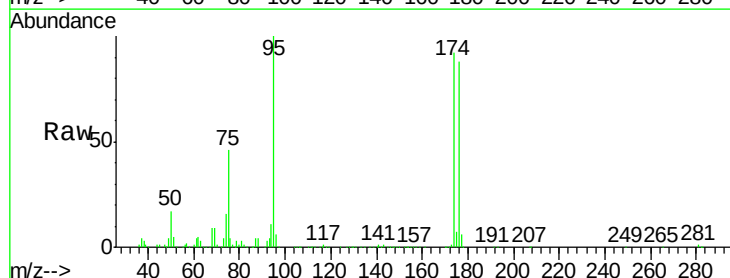
Tgt Ion: 95 Resp: 203617

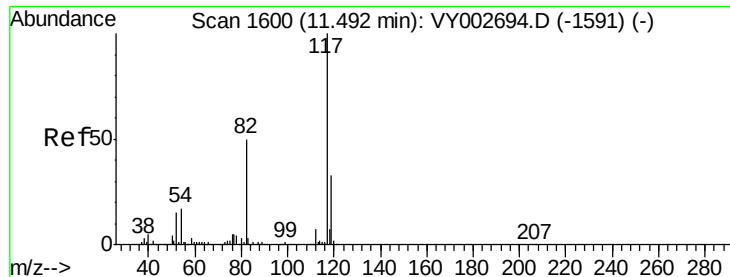
Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.4

176 91.6 0.0 186.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002741.D

Acq: 21 May 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

240001

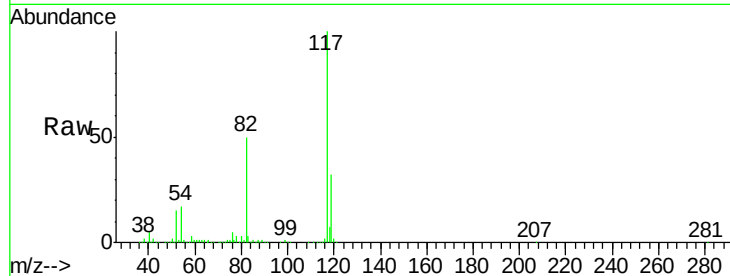
Tot Ion:117 Resp: 474385

Ion Ratio Lower Upper

117 100

82 50.0 40.3 60.5

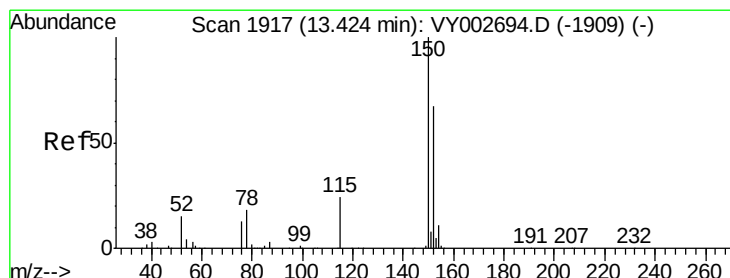
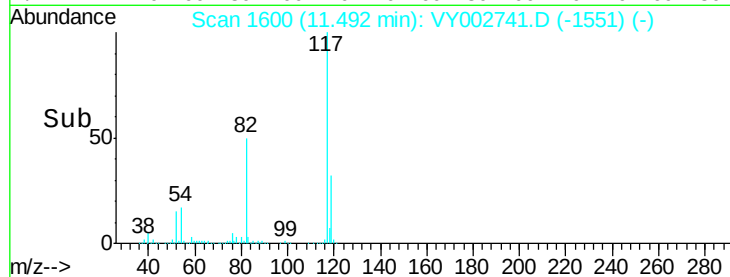
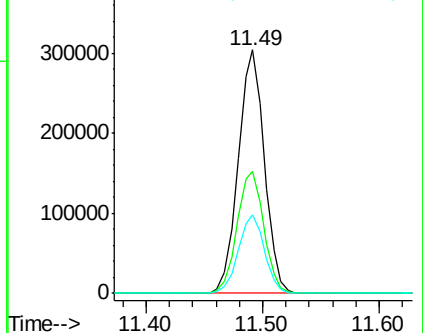
119 32.1 26.2 39.4



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: VY002741.D

Acq: 21 May 2020 15:16

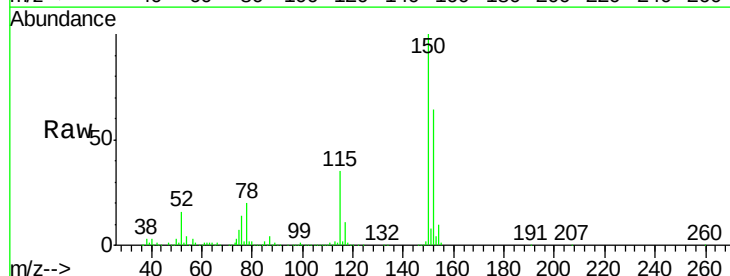
Tgt Ion:152 Resp: 238445

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

150 157.4 0.0 343.8



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

