

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002733.D
 Acq On : 21 May 2020 11:16
 Operator : SY/MD
 Sample : VY0521SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL01

Quant Time: May 21 13:43:58 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	339079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	540471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	154321	58.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.36%	
35) Dibromofluoromethane	7.72	113	163555	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
50) Toluene-d8	10.18	98	632963	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.48	95	212966	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	

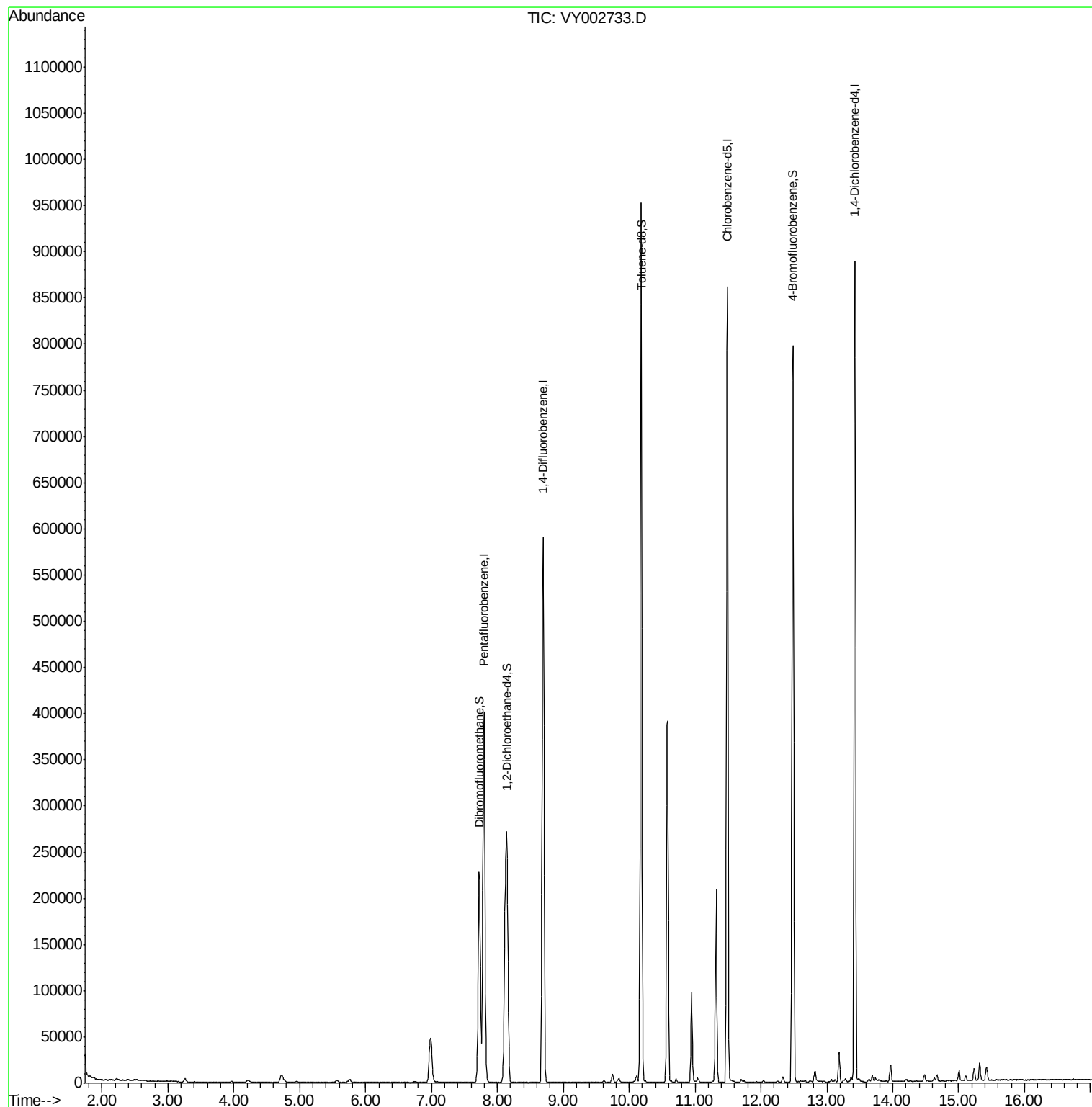
Target Compounds	Qvalue
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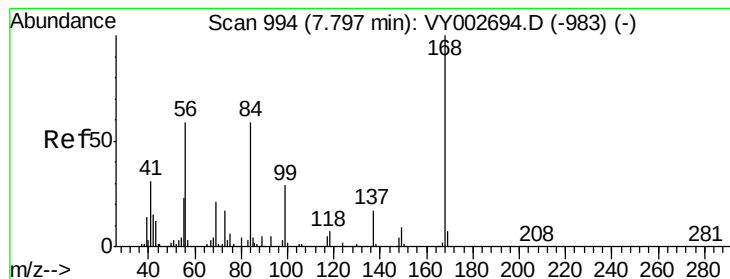
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002733.D

Acq: 21 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

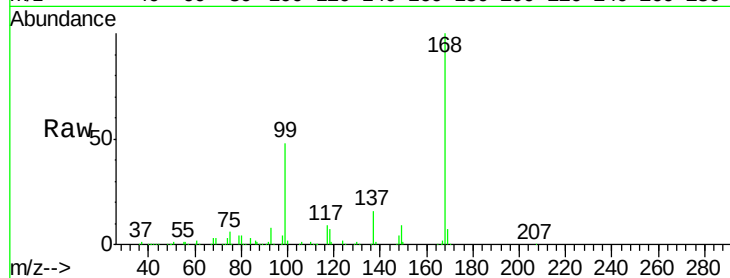
VY0521SBL01

Tot Ion:168 Resp: 339079

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002733.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002733.D (-945) (-)

7.80

150000

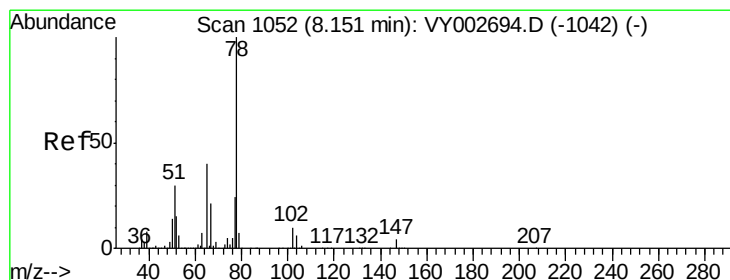
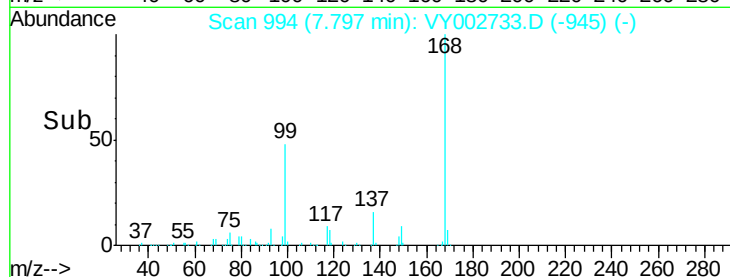
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.184 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002733.D

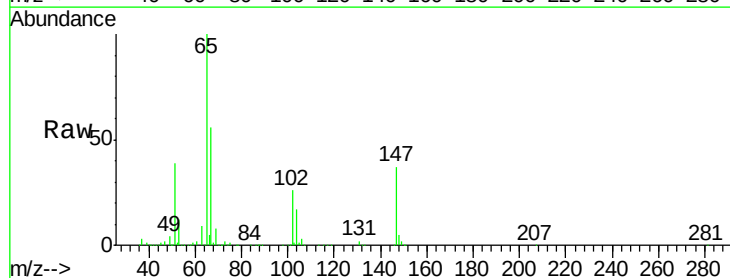
Acq: 21 May 2020 11:16

Tgt Ion: 65 Resp: 154321

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002733.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002733.D (-1003) (-)

8.15

80000

60000

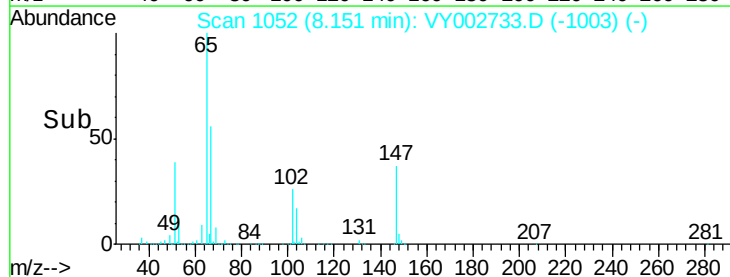
40000

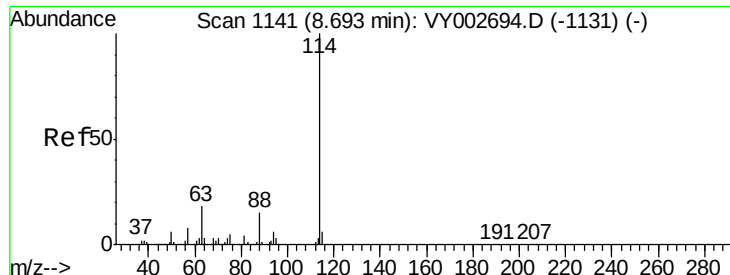
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002733.D

Acq: 21 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBL01

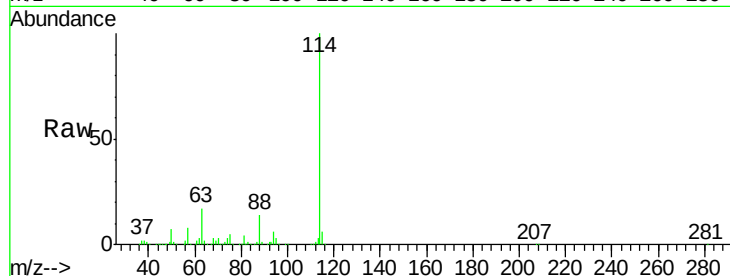
Tot Ion:114 Resp: 540471

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

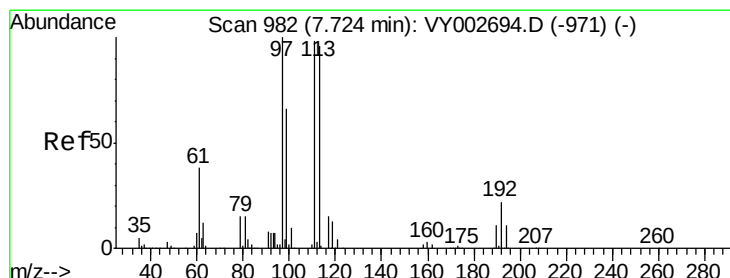
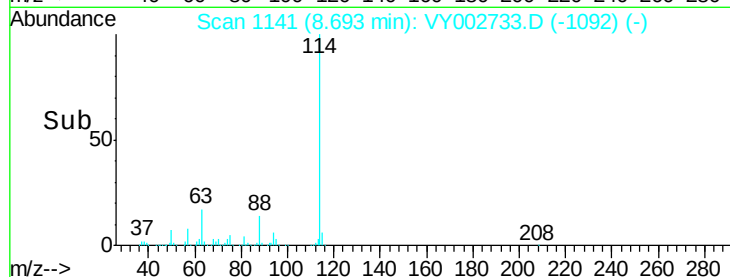
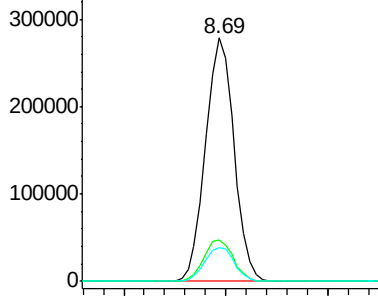
88 13.9 0.0 29.4



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: 54.834 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002733.D

Acq: 21 May 2020 11:16

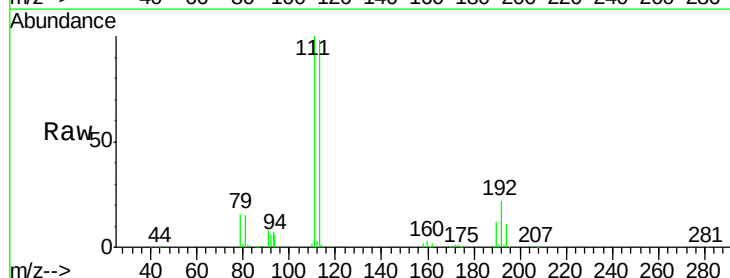
Tgt Ion:113 Resp: 163555

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

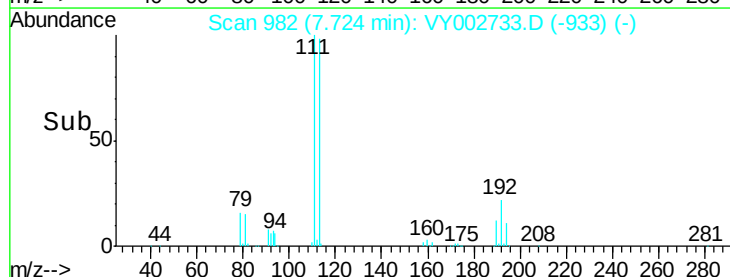
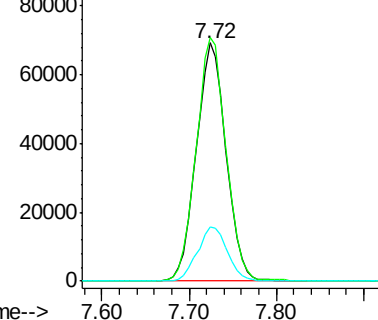
192 22.9 18.6 27.8

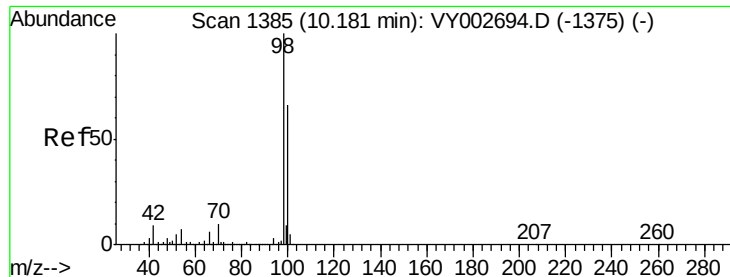


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.709 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002733.D

Acq: 21 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

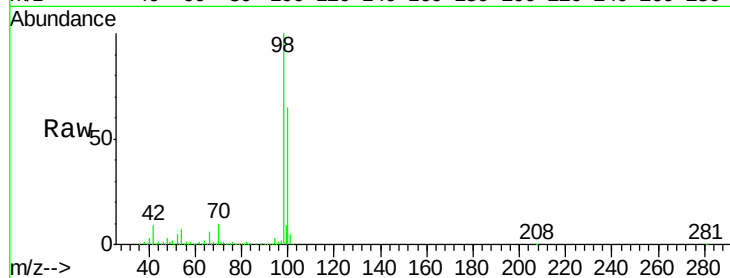
VY0521SBL01

Tot Ion: 98 Resp: 632963

Ion Ratio Lower Upper

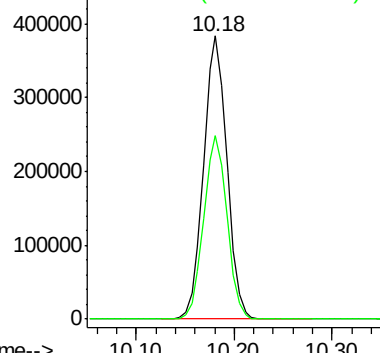
98 100

100 64.6 52.3 78.5

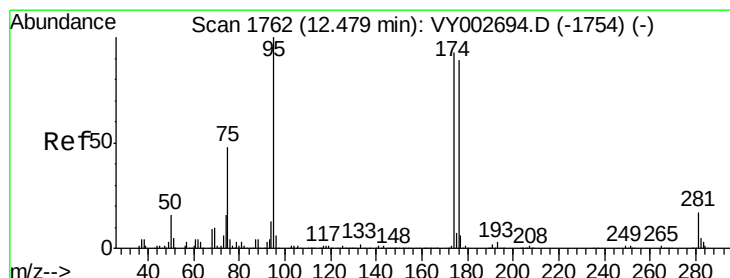
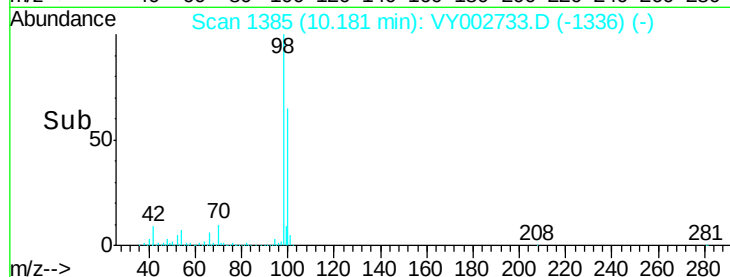


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 51.598 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002733.D

Acq: 21 May 2020 11:16

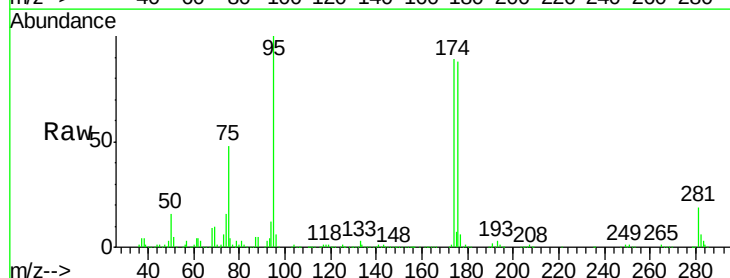
Tgt Ion: 95 Resp: 212966

Ion Ratio Lower Upper

95 100

174 94.7 0.0 191.4

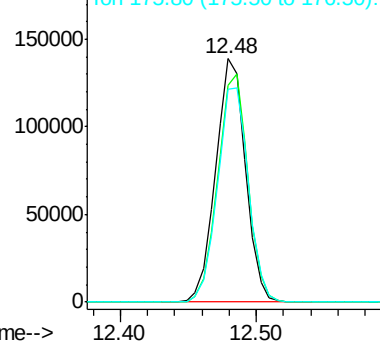
176 91.6 0.0 186.0



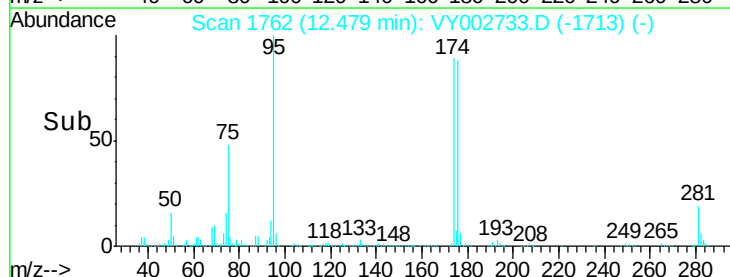
Abundance Ion 94.90 (94.60 to 95.60): VY0

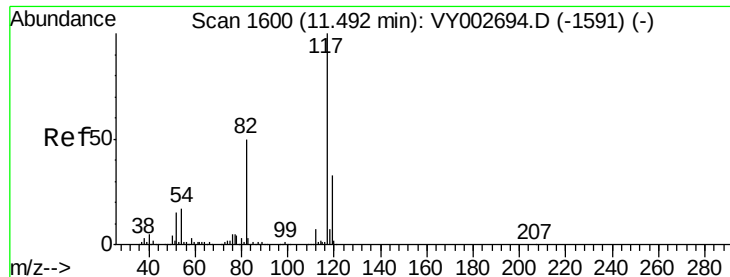
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

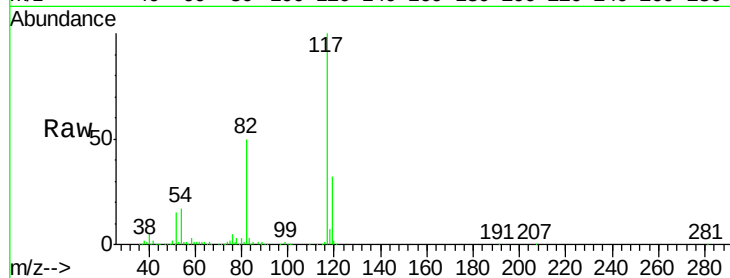




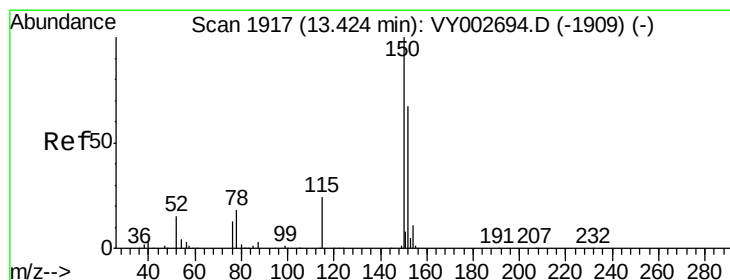
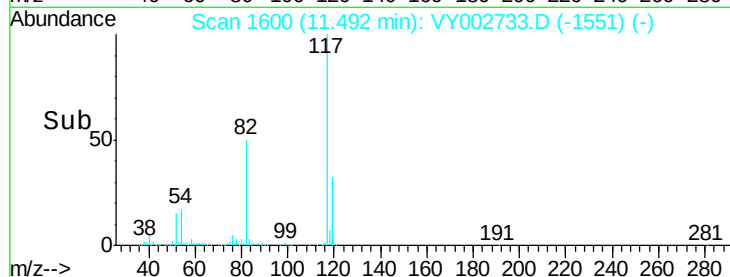
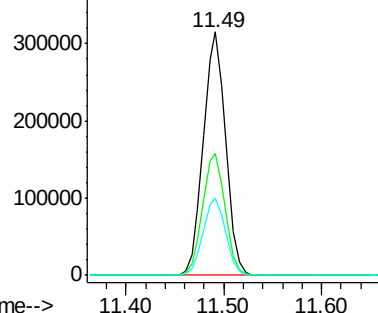
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002733.D
Acq: 21 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.3	60.5
119	31.8	26.2	39.4

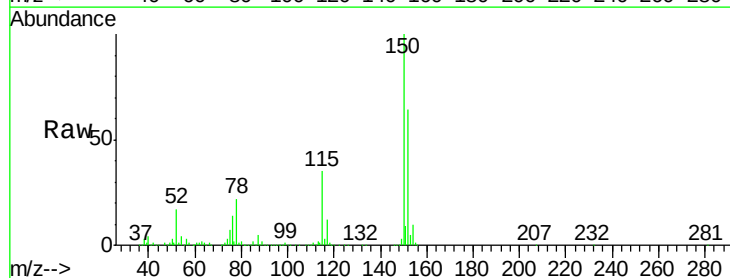


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002733.D
Acq: 21 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.6
150	158.5	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

