

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002853.D
 Acq On : 05 Jun 2020 17:01
 Operator : SY/MD
 Sample : L2886-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GEN

Quant Time: Jun 06 08:27:25 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	318332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	494324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	256683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	158378	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	7.72	113	139616	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	10.18	98	616189	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	221976	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

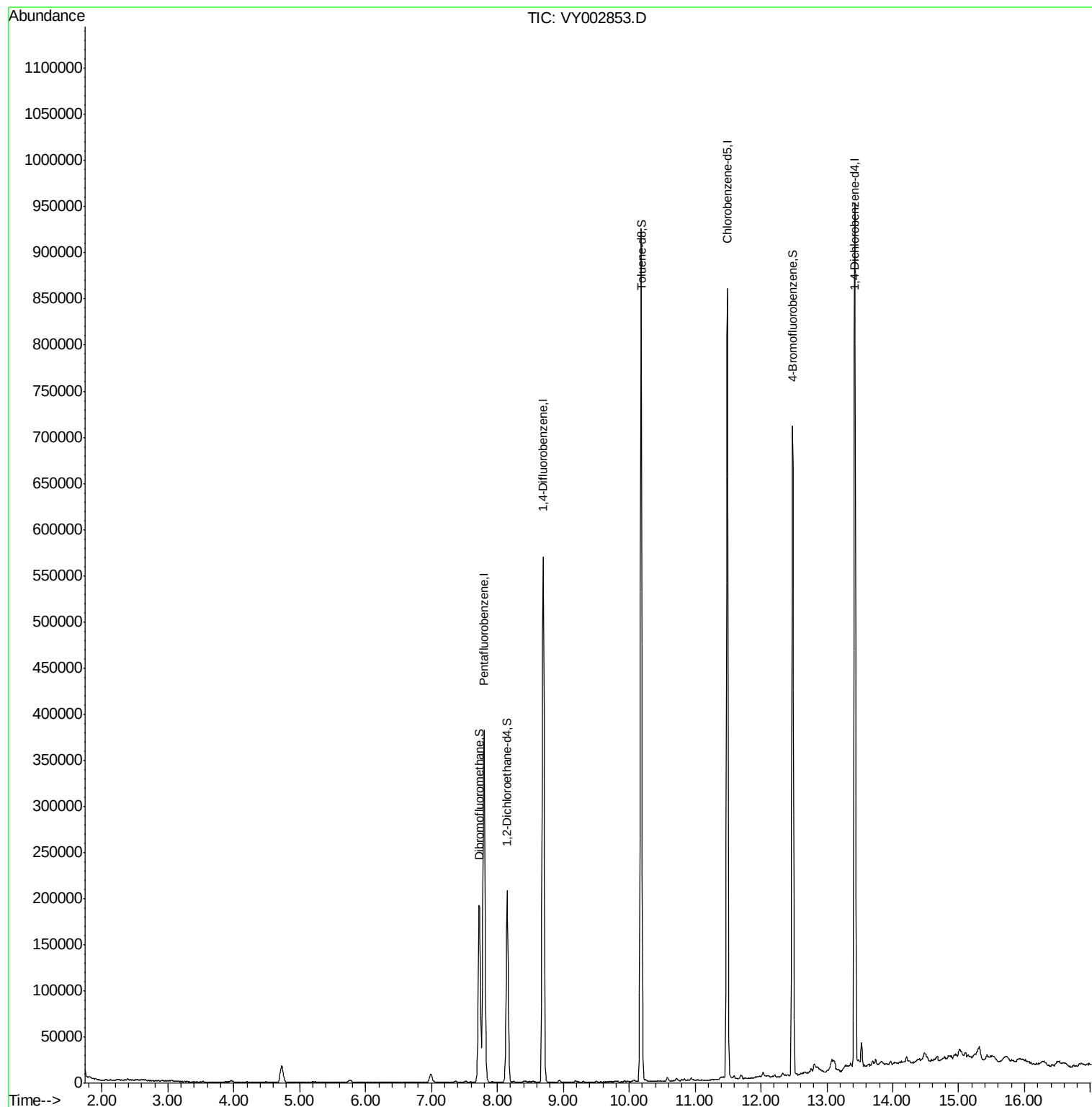
Target Compounds	Qvalue

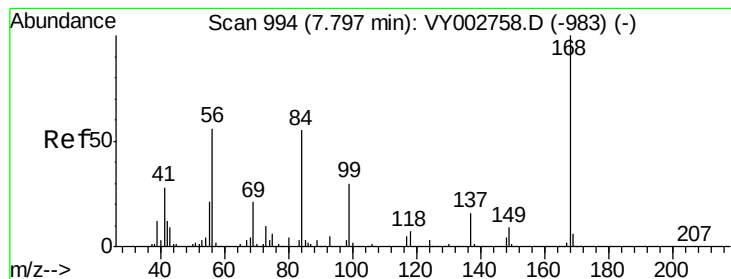
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002853.D

Acq: 05 Jun 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

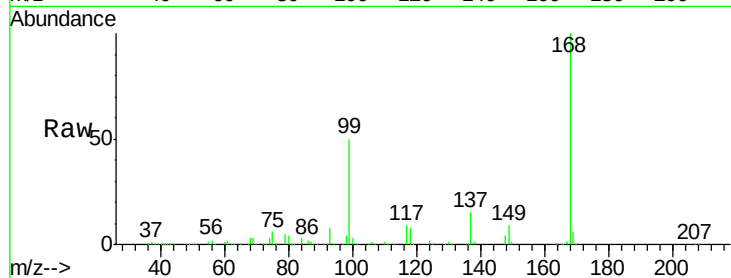
GEN

Tot Ion:168 Resp: 318332

Ion Ratio Lower Upper

168 100

99 50.0 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) (-)

7.80

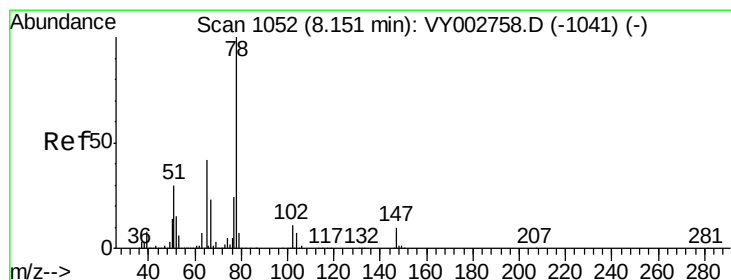
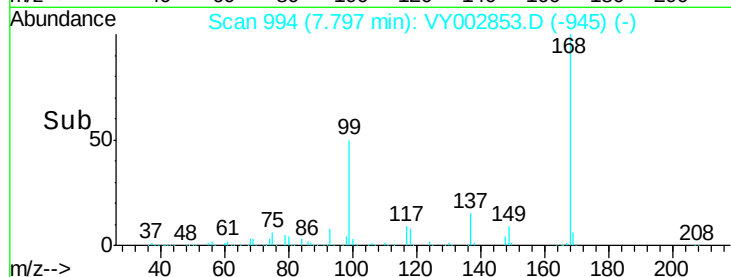
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.300 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002853.D

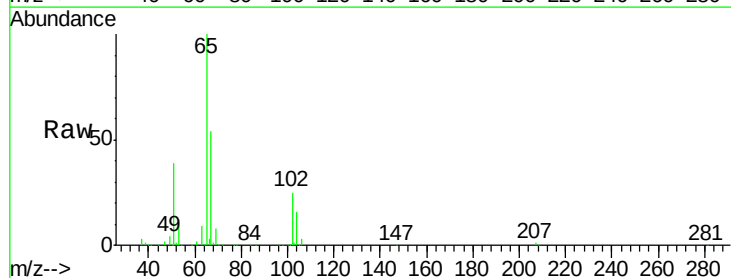
Acq: 05 Jun 2020 17:01

Tgt Ion: 65 Resp: 158378

Ion Ratio Lower Upper

65 100

67 54.3 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

80000

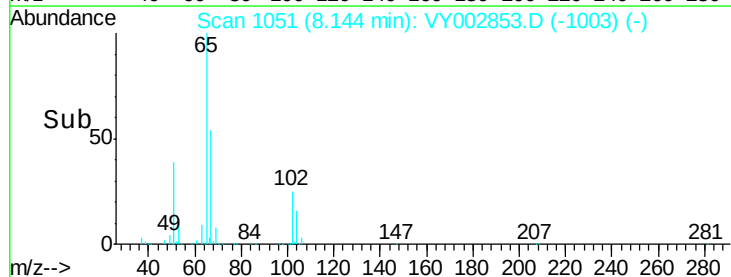
60000

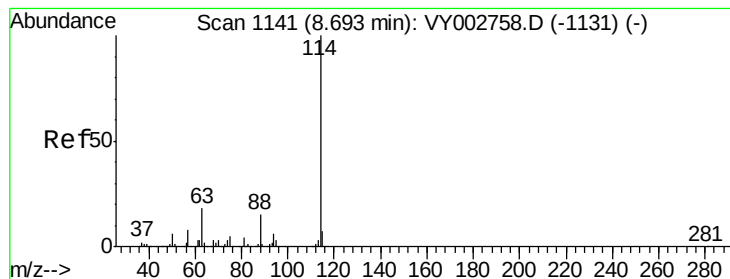
40000

20000

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: VY002853.D

Acq: 05 Jun 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

GEN

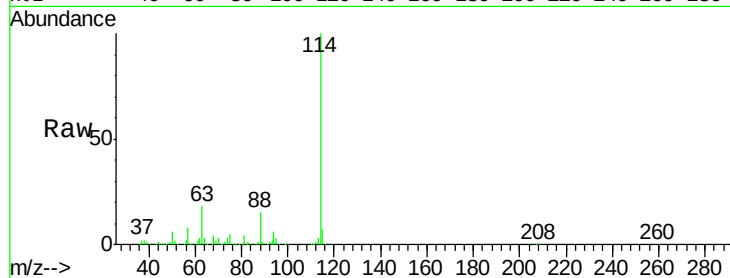
Tot Ion:114 Resp: 520468

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.2

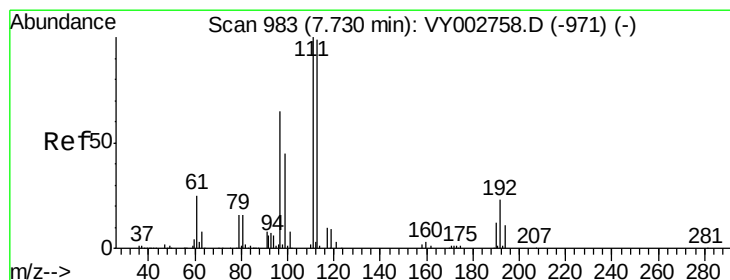
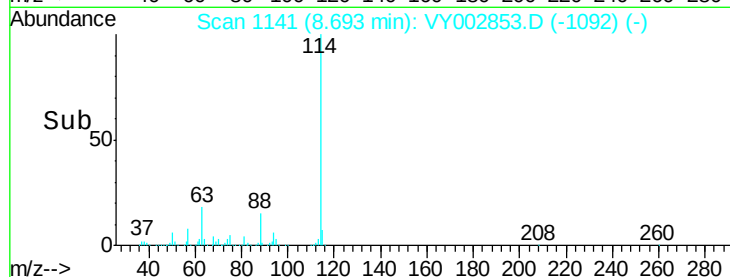
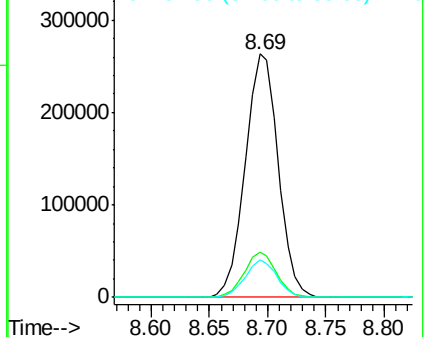
88 15.2 0.0 29.2



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: 45.773 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002853.D

Acq: 05 Jun 2020 17:01

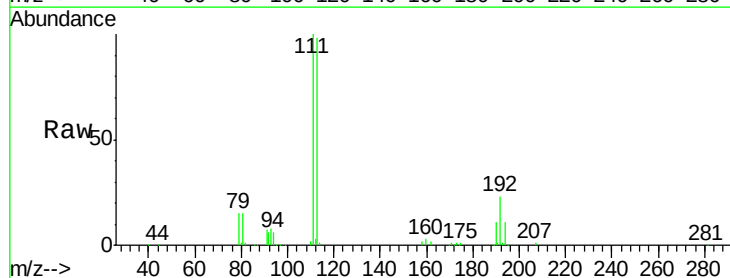
Tgt Ion:113 Resp: 139616

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

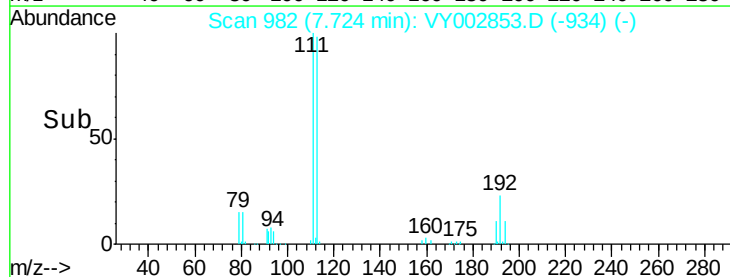
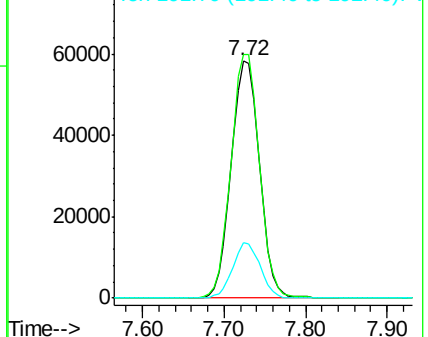
192 22.6 18.9 28.3

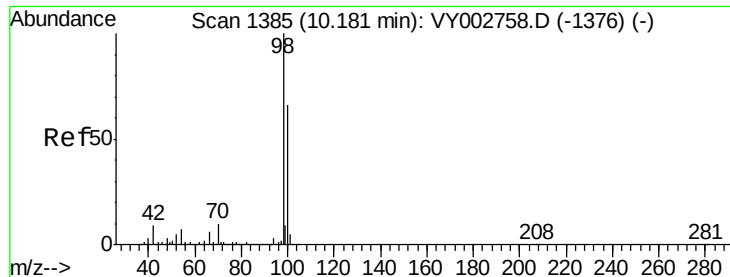


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.964 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002853.D

Acq: 05 Jun 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

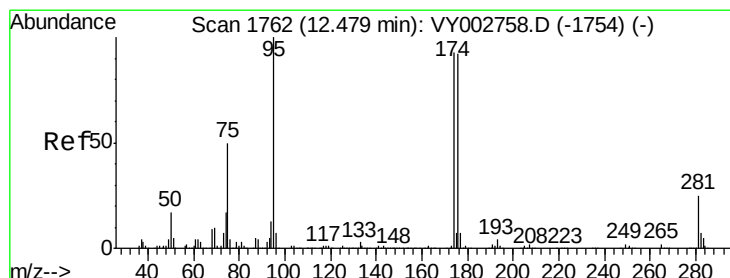
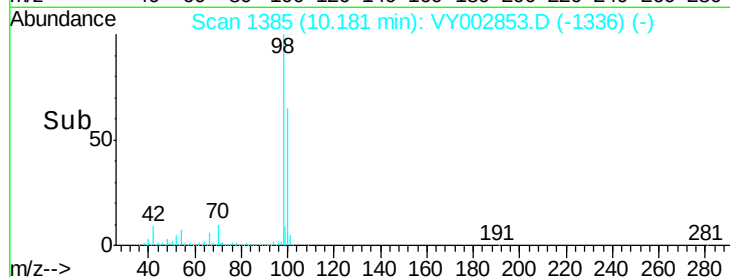
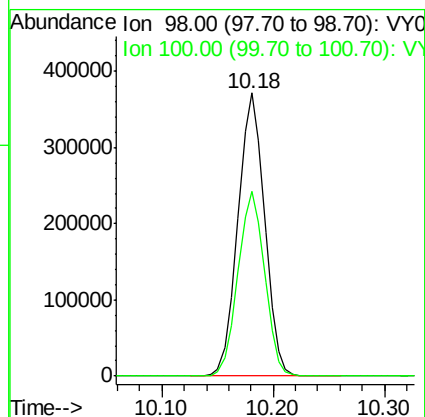
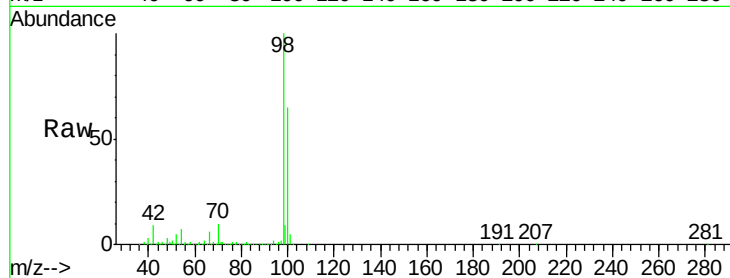
GEN

Tot Ion: 98 Resp: 616189

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.667 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002853.D

Acq: 05 Jun 2020 17:01

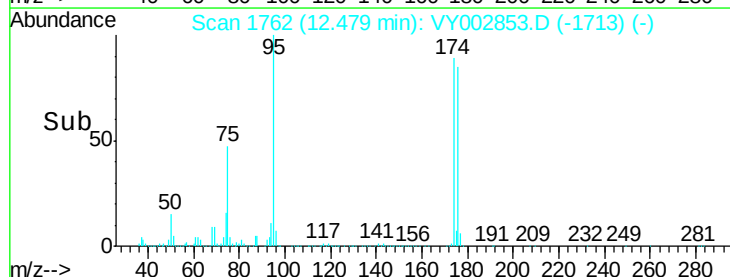
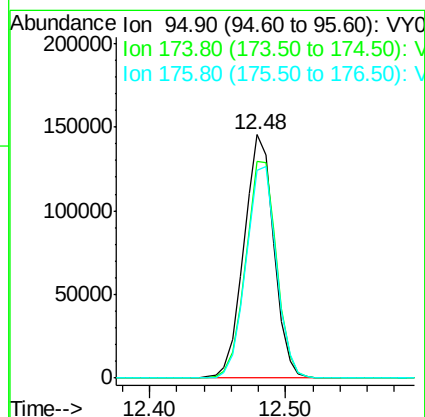
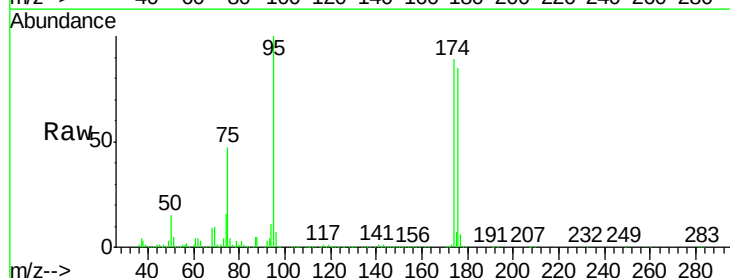
Tgt Ion: 95 Resp: 221976

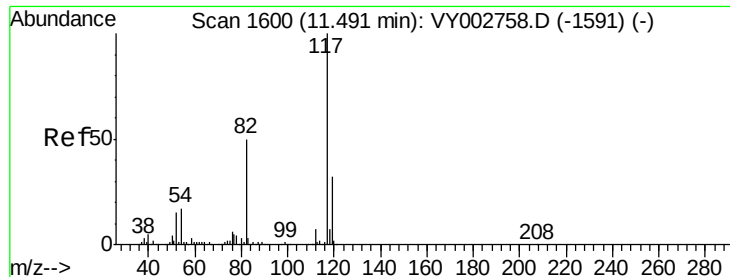
Ion Ratio Lower Upper

95 100

174 92.1 0.0 191.2

176 88.9 0.0 188.8

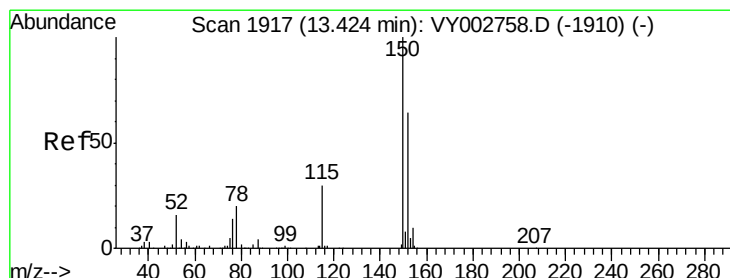
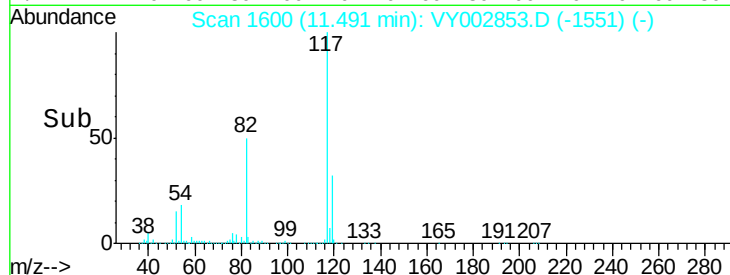
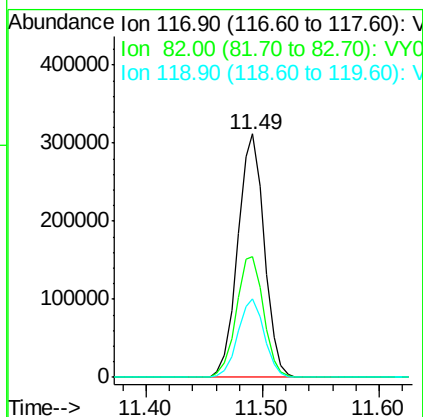
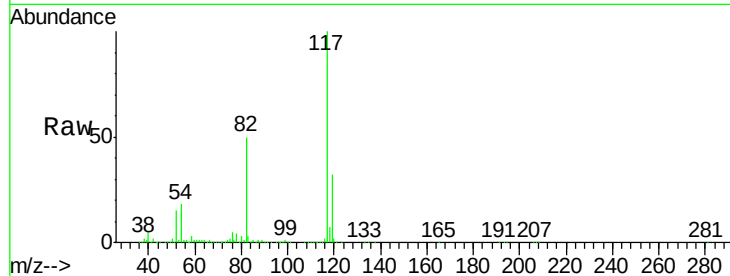




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002853.D
Acq: 05 Jun 2020 17:01

Instrument :
MSVOA_Y
ClientSampled :
GEN

Tot Ion:117 Resp: 494324
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002853.D
Acq: 05 Jun 2020 17:01

Tgt Ion:152 Resp: 256683
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 156.5 0.0 344.8

