

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002857.D
 Acq On : 05 Jun 2020 19:00
 Operator : SY/MD
 Sample : L2939-02
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2020-06-02-FD02

Quant Time: Jun 06 08:20:35 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	294333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	460767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	374086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132227	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	7.72	113	137890	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.18	98	520244	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.48	95	144096	38.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.24%	

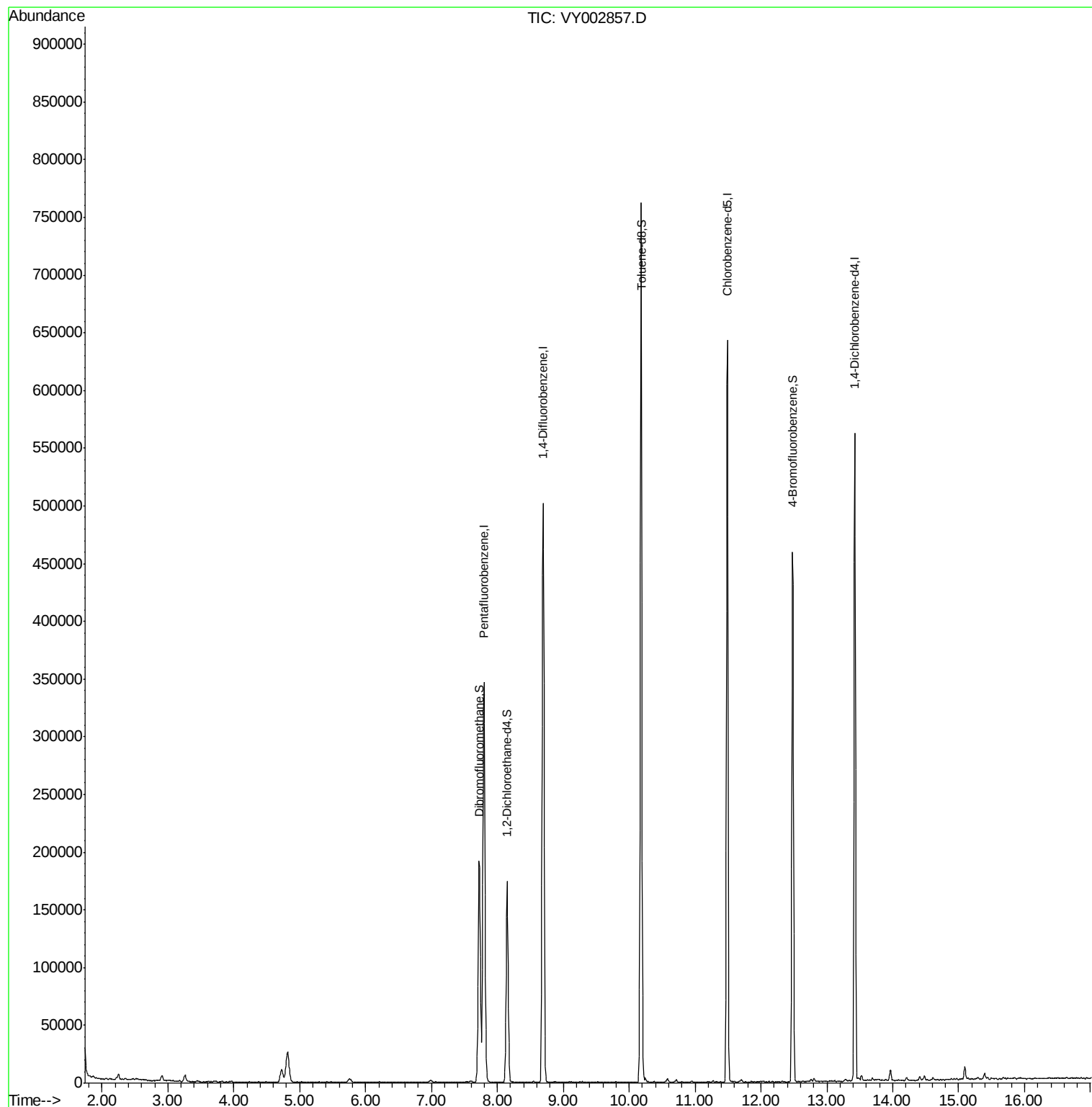
Target Compounds	Qvalue
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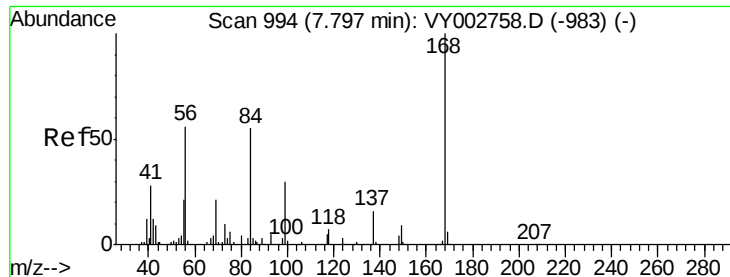
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

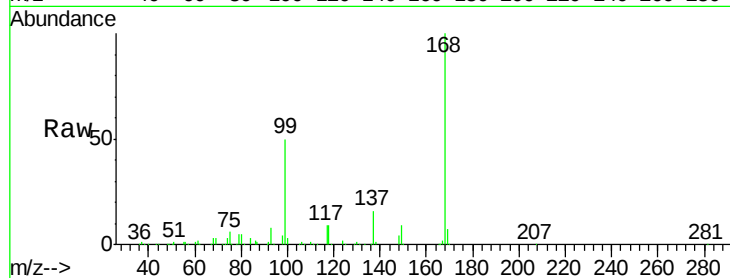
2020-06-02-FD02

Tot Ion:168 Resp: 294333

Ion Ratio Lower Upper

168 100

99 49.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002857.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002857.D (-945) (-)

7.80

150000

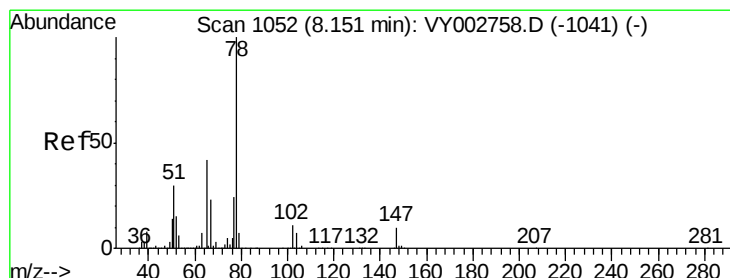
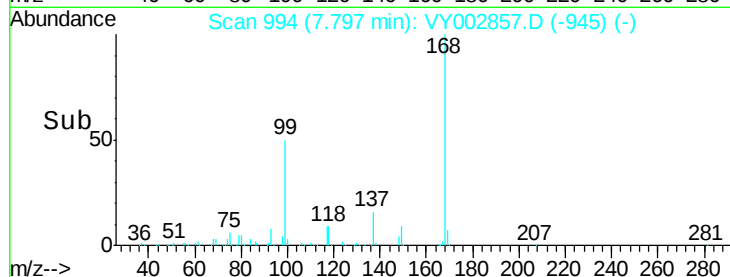
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.739 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002857.D

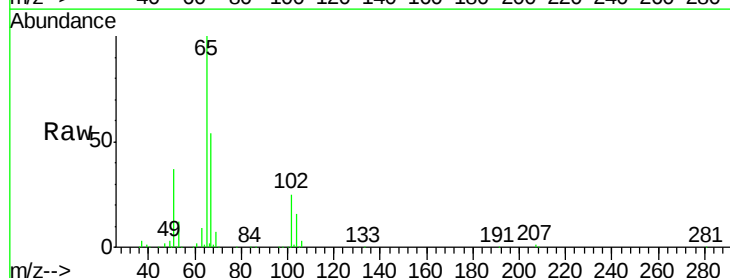
Acq: 05 Jun 2020 19:00

Tgt Ion: 65 Resp: 132227

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002857.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002857.D (-1003) (-)

8.15

60000

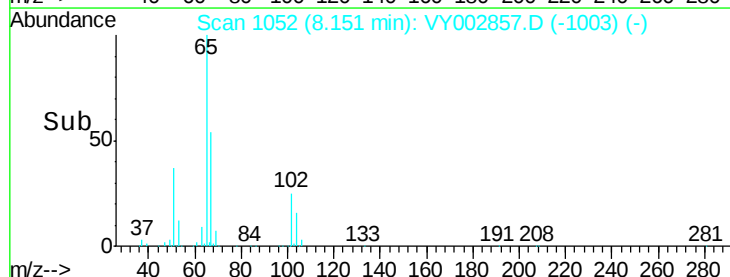
40000

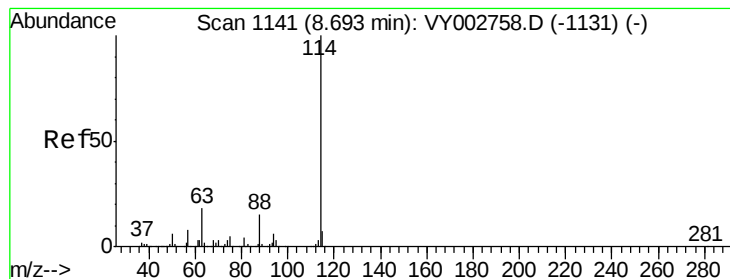
20000

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: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

2020-06-02-FD02

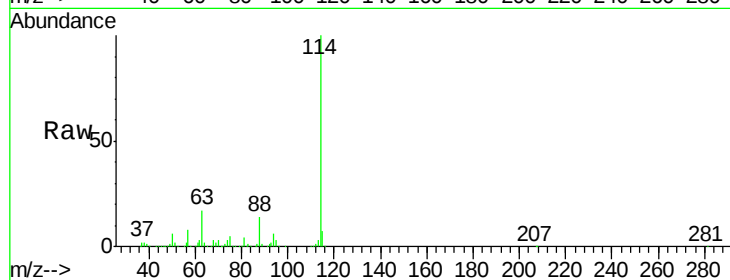
Tot Ion:114 Resp: 460767

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

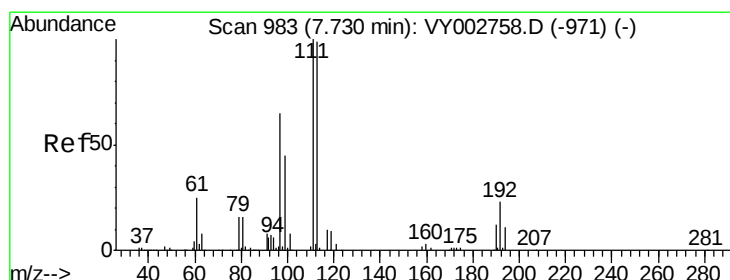
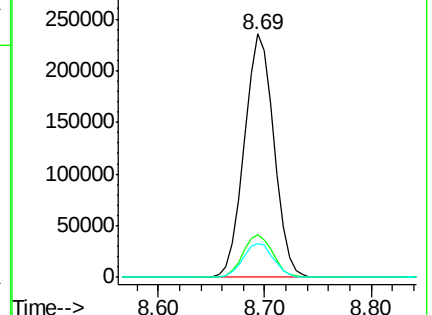
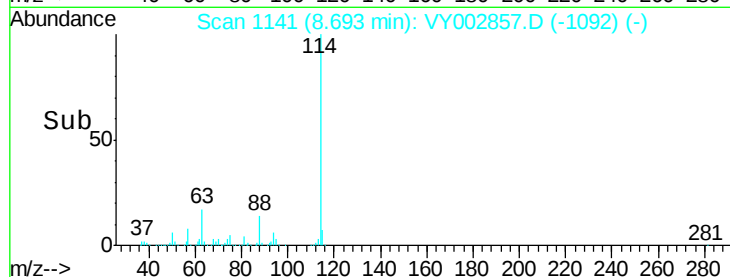
88 14.1 0.0 29.2



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: 51.064 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

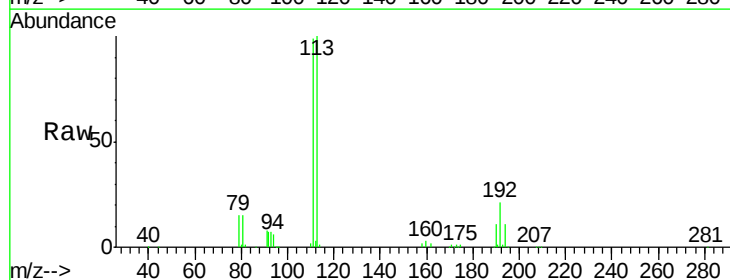
Tgt Ion:113 Resp: 137890

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

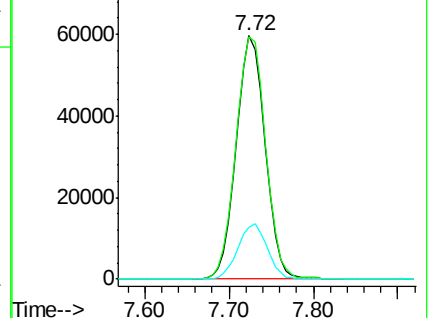
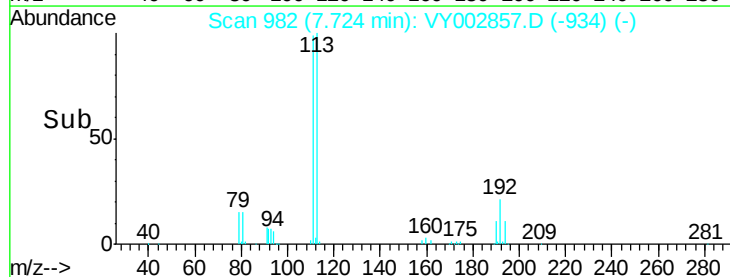
192 22.9 18.9 28.3

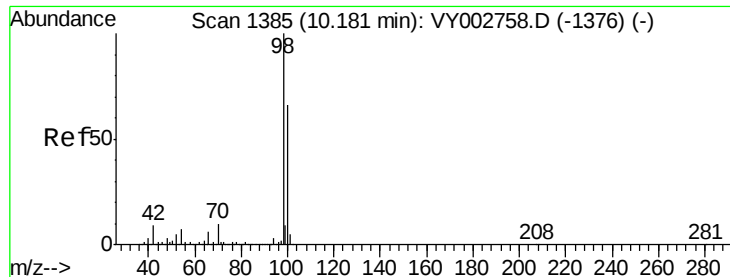


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.650 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

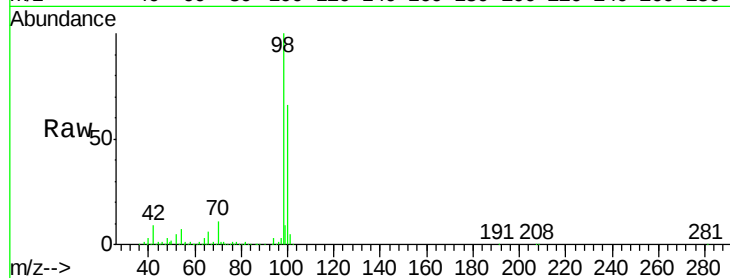
2020-06-02-FD02

Tot Ion: 98 Resp: 520244

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): VY0

10.18

300000

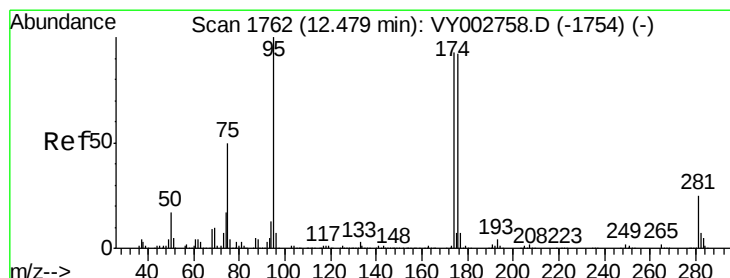
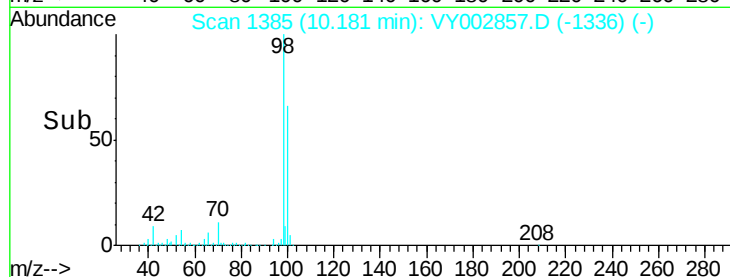
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 38.618 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

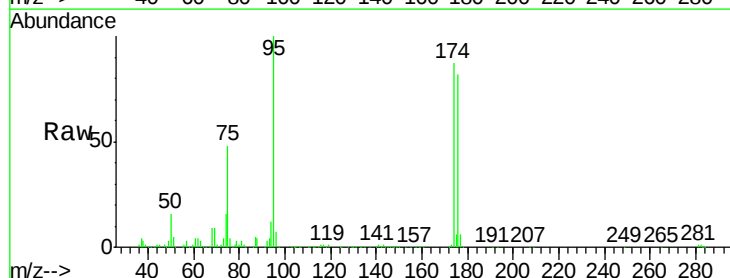
Tgt Ion: 95 Resp: 144096

Ion Ratio Lower Upper

95 100

174 92.3 0.0 191.2

176 89.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

120000

100000

80000

60000

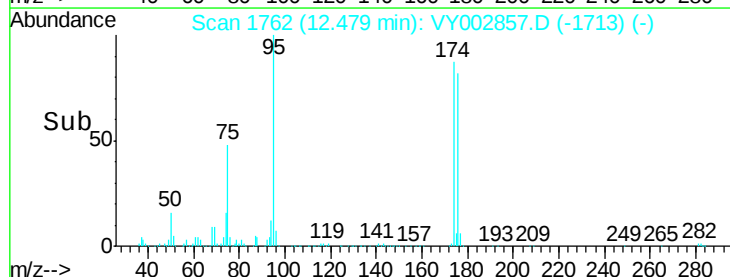
40000

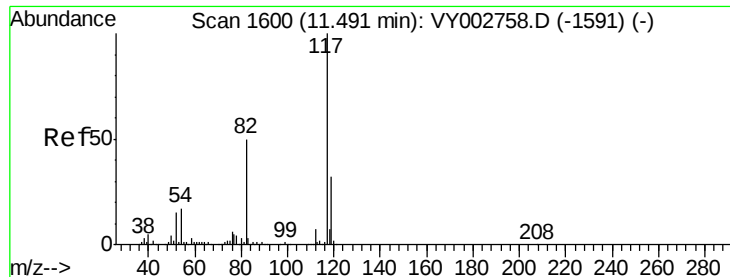
20000

0

Time-->

12.40 12.50

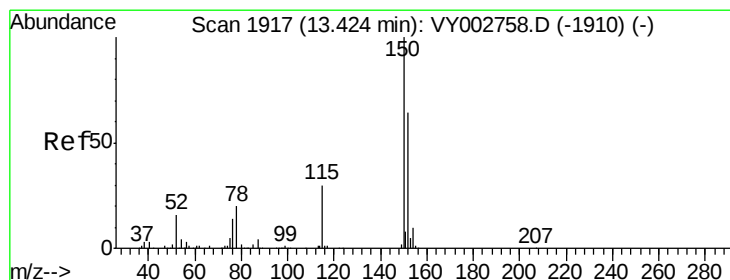
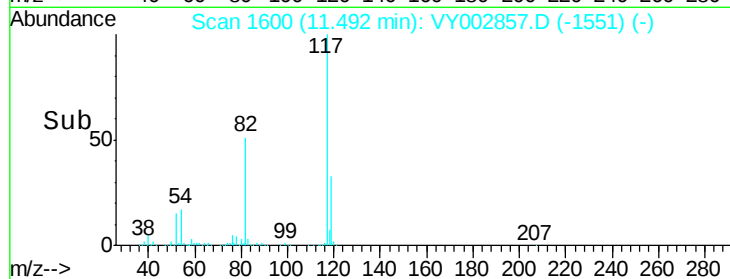
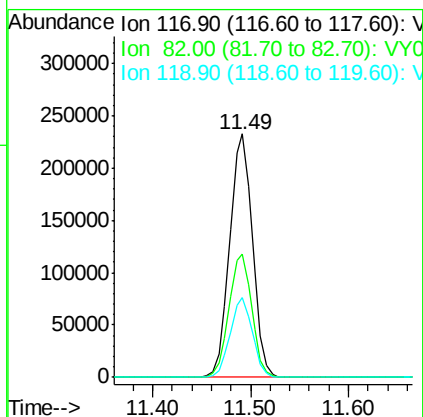
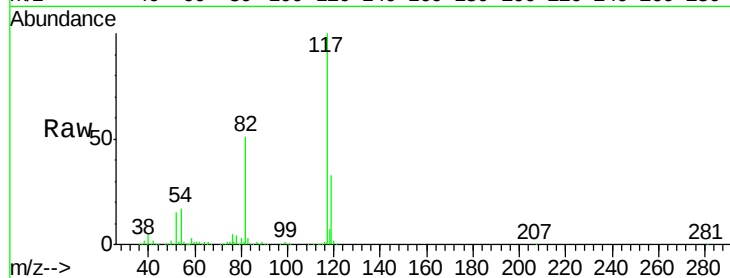




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002857.D
Acq: 05 Jun 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
2020-06-02-FD02

Tot Ion:117 Resp: 374086
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.9 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: VY002857.D
Acq: 05 Jun 2020 19:00

Tgt Ion:152 Resp: 148474
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 155.7 0.0 344.8

