

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001757.D
 Acq On : 21 Feb 2020 20:39
 Operator : SY/MD
 Sample : L1657-01
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F-S1

Quant Time: Feb 22 05:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	161342	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	296138	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	248372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	90315	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	96568	55.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.77	113	87475	51.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.20	98	353831	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.50	95	104909	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	

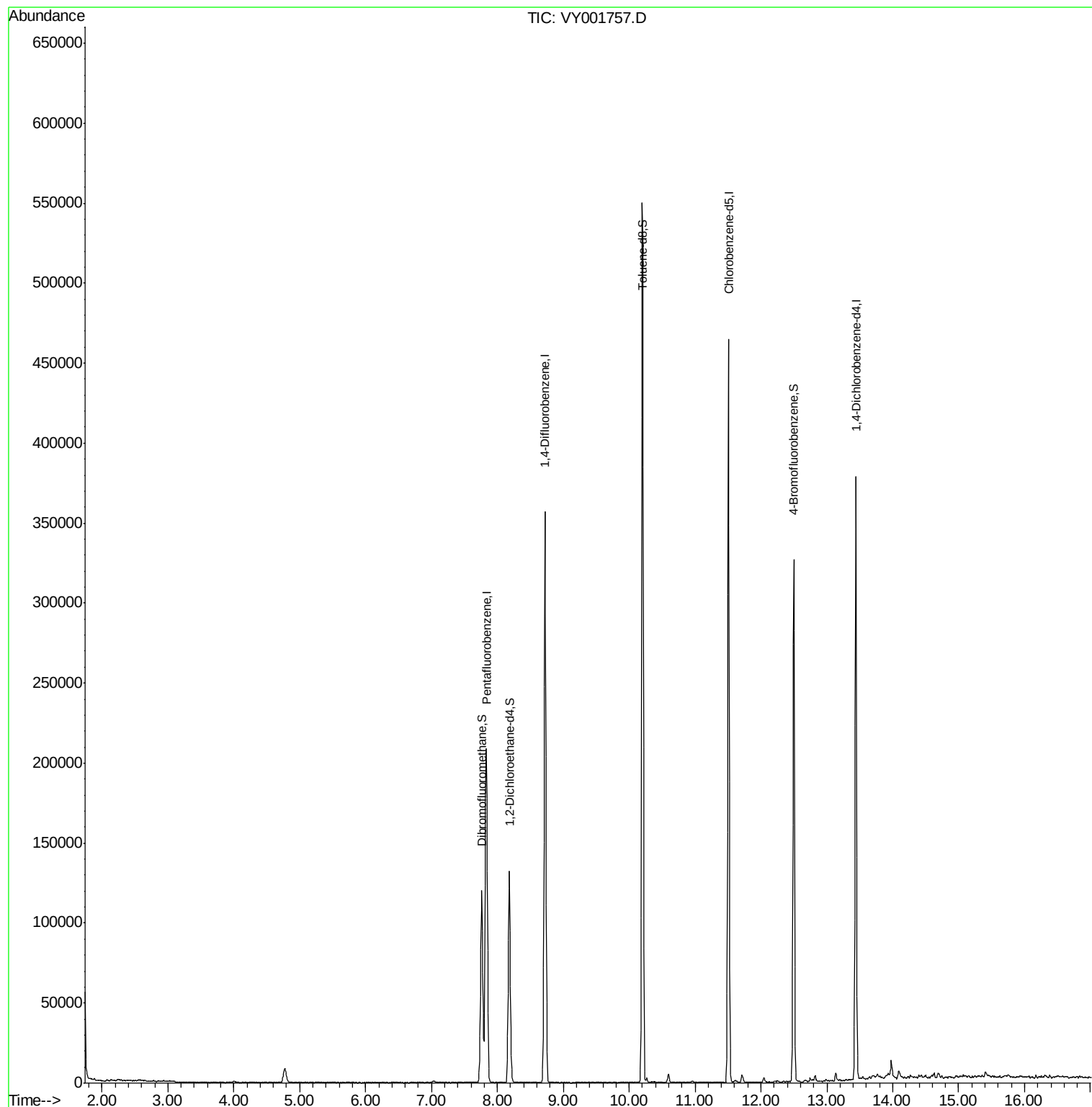
Target Compounds	Qvalue

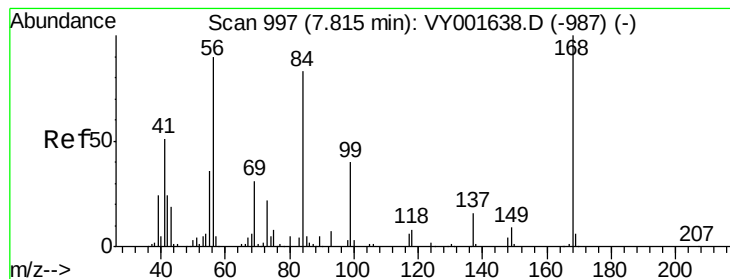
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001757.D

Acq: 21 Feb 2020 20:39

Instrument :

MSVOA_Y

ClientSampleId :

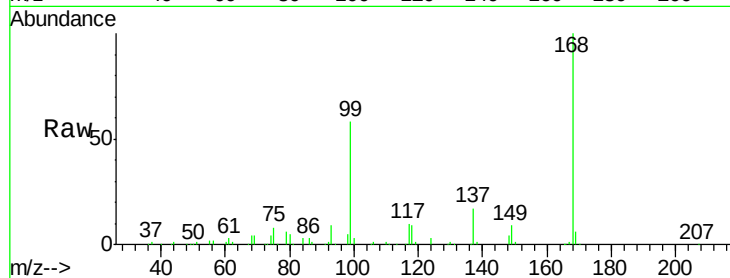
TP-F-S1

Tot Ion:168 Resp: 161342

Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001757.D

Ion 98.90 (98.60 to 99.60): VY001757.D

7.83

80000

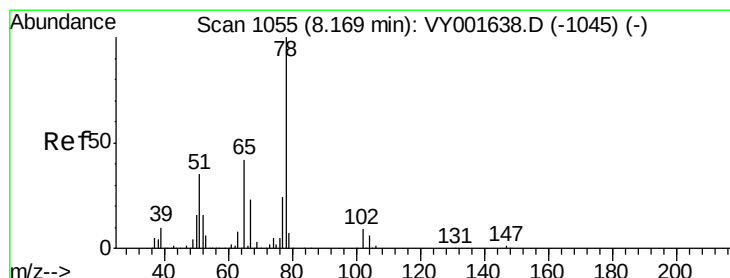
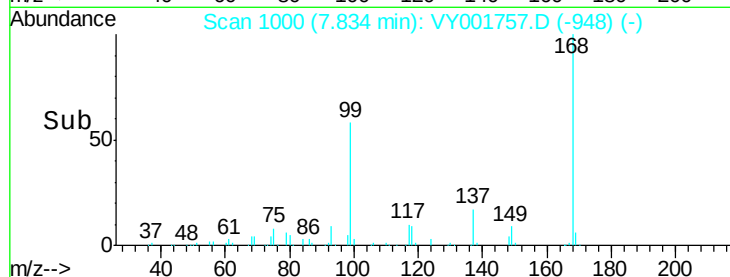
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 55.644 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001757.D

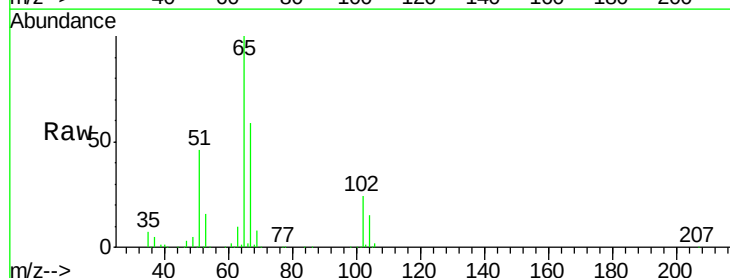
Acq: 21 Feb 2020 20:39

Tgt Ion: 65 Resp: 96568

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001757.D

Ion 66.90 (66.60 to 67.60): VY001757.D

8.18

50000

40000

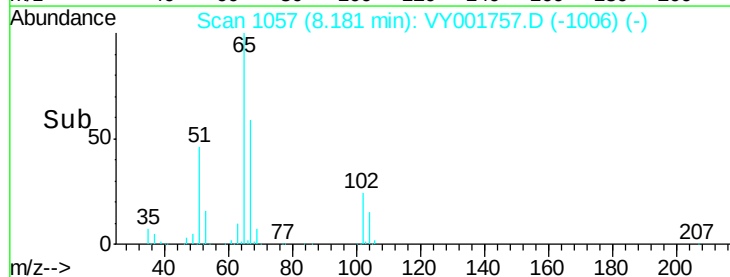
30000

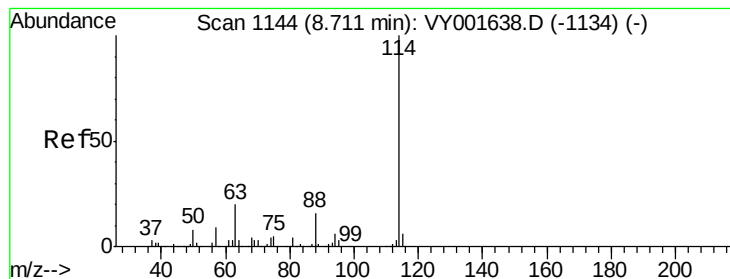
20000

10000

0

Time--> 8.10 8.15 8.20 8.25 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VY001757.D

Acq: 21 Feb 2020 20:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-F-S1

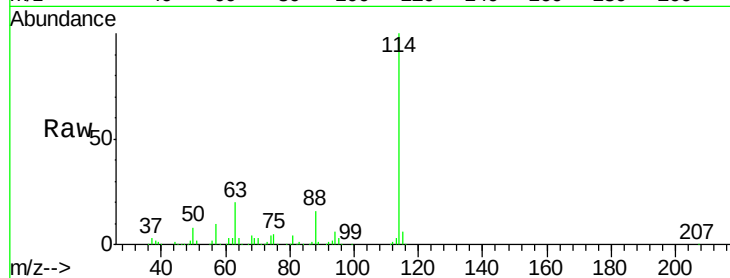
Tot Ion:114 Resp: 296138

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

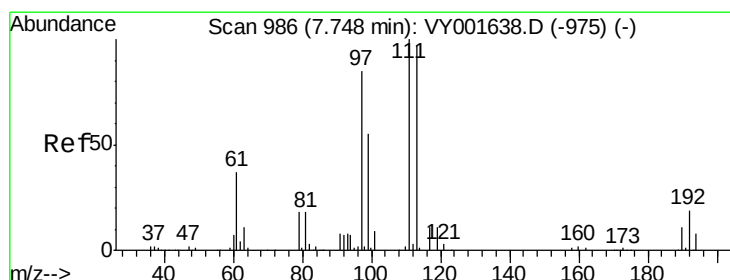
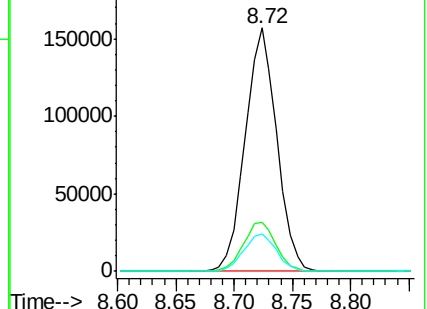
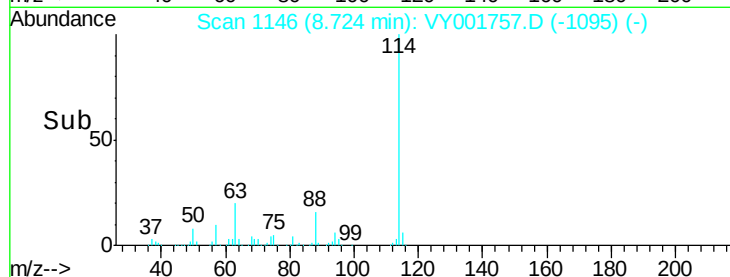
88 15.5 0.0 32.8



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: 51.573 ug/l

RT: 7.77 min Scan# 989

Delta R.T. 0.02 min

Lab File: VY001757.D

Acq: 21 Feb 2020 20:39

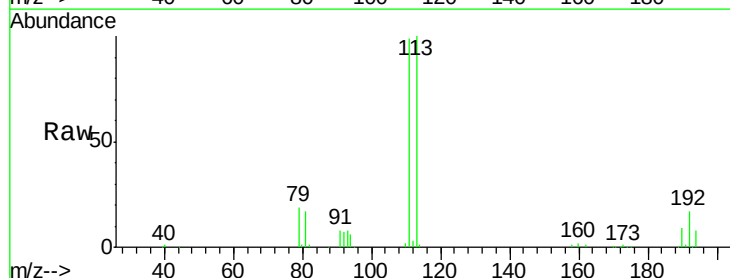
Tgt Ion:113 Resp: 87475

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

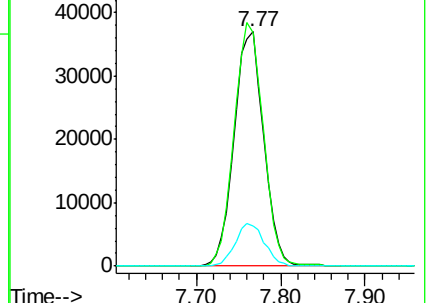
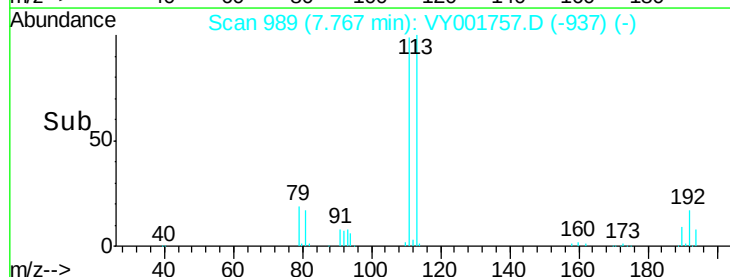
192 17.9 14.3 21.5

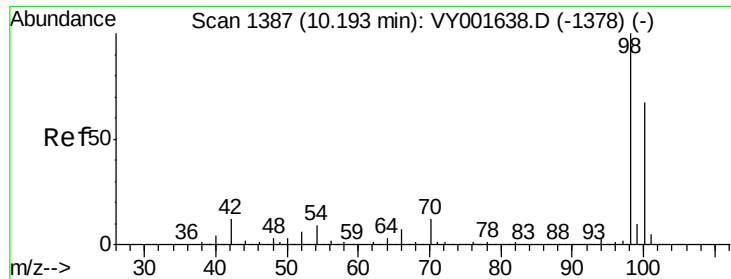


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.248 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001757.D

Acq: 21 Feb 2020 20:39

Instrument :

MSVOA_Y

ClientSampleId :

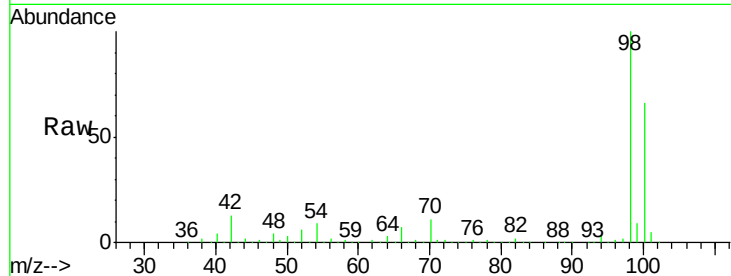
TP-F-S1

Tot Ion: 98 Resp: 353831

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

200000

150000

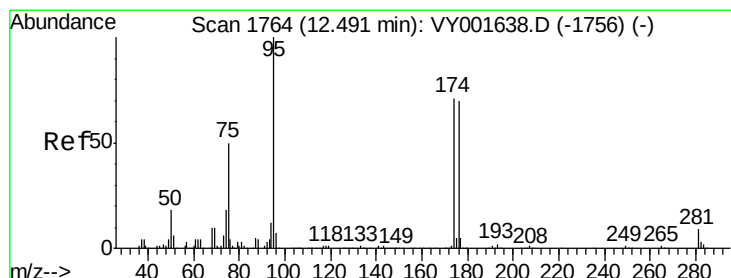
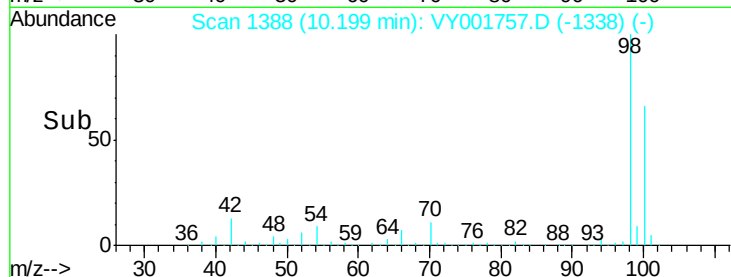
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 40.638 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001757.D

Acq: 21 Feb 2020 20:39

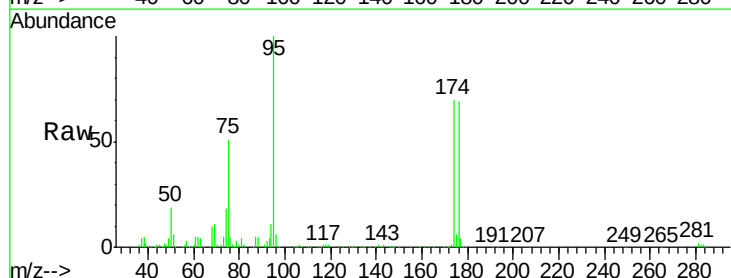
Tgt Ion: 95 Resp: 104909

Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.4

176 71.1 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

80000

60000

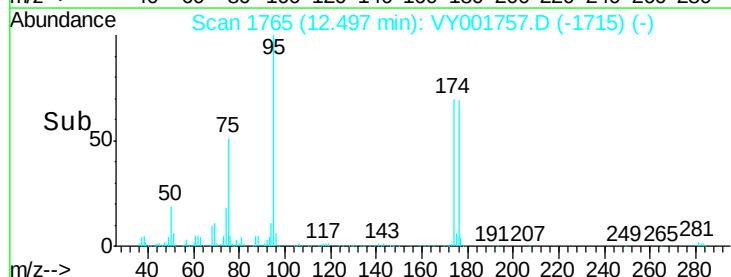
40000

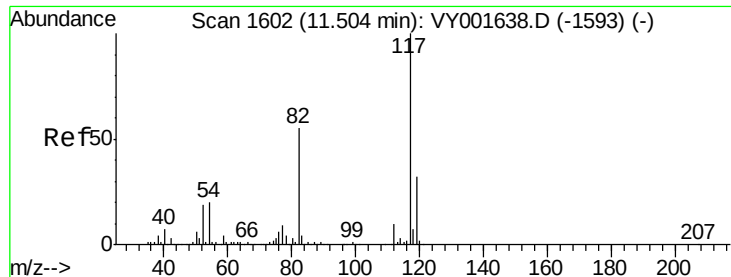
20000

0

12.40 12.50 12.60

Time-->

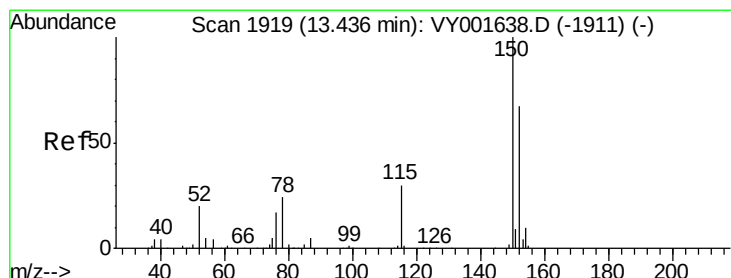
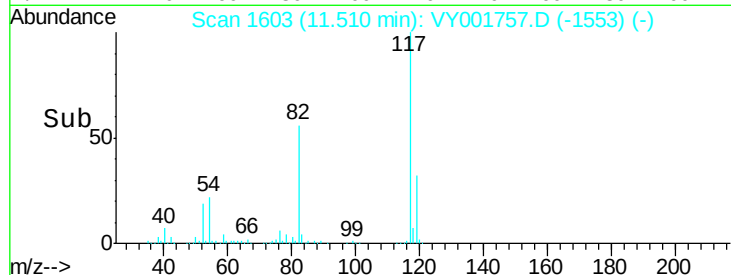
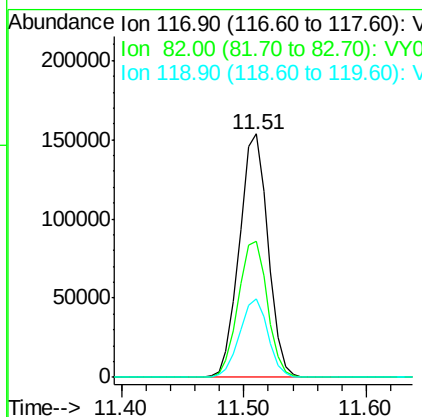
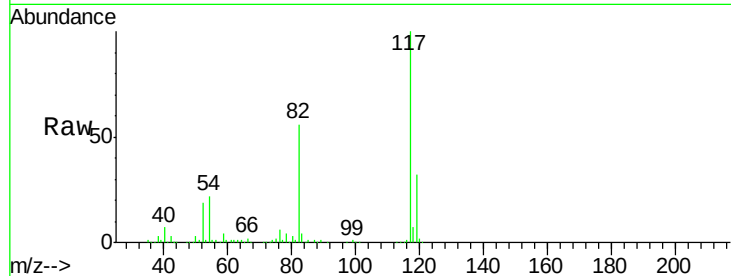




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001757.D
Acq: 21 Feb 2020 20:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-F-S1

Tot Ion:117 Resp: 248372
Ion Ratio Lower Upper
117 100
82 56.1 45.5 68.3
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001757.D
Acq: 21 Feb 2020 20:39

Tgt Ion:152 Resp: 90315
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 156.3 0.0 407.2

