

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001758.D
 Acq On : 21 Feb 2020 21:01
 Operator : SY/MD
 Sample : L1657-06
 Misc : 5.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F-D2

Quant Time: Feb 22 05:38:41 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	159402	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	300482	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	270543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	97861	57.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	114.16%	
35) Dibromofluoromethane	7.77	113	86765	50.41	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.21	98	362081	53.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.50	95	123793	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

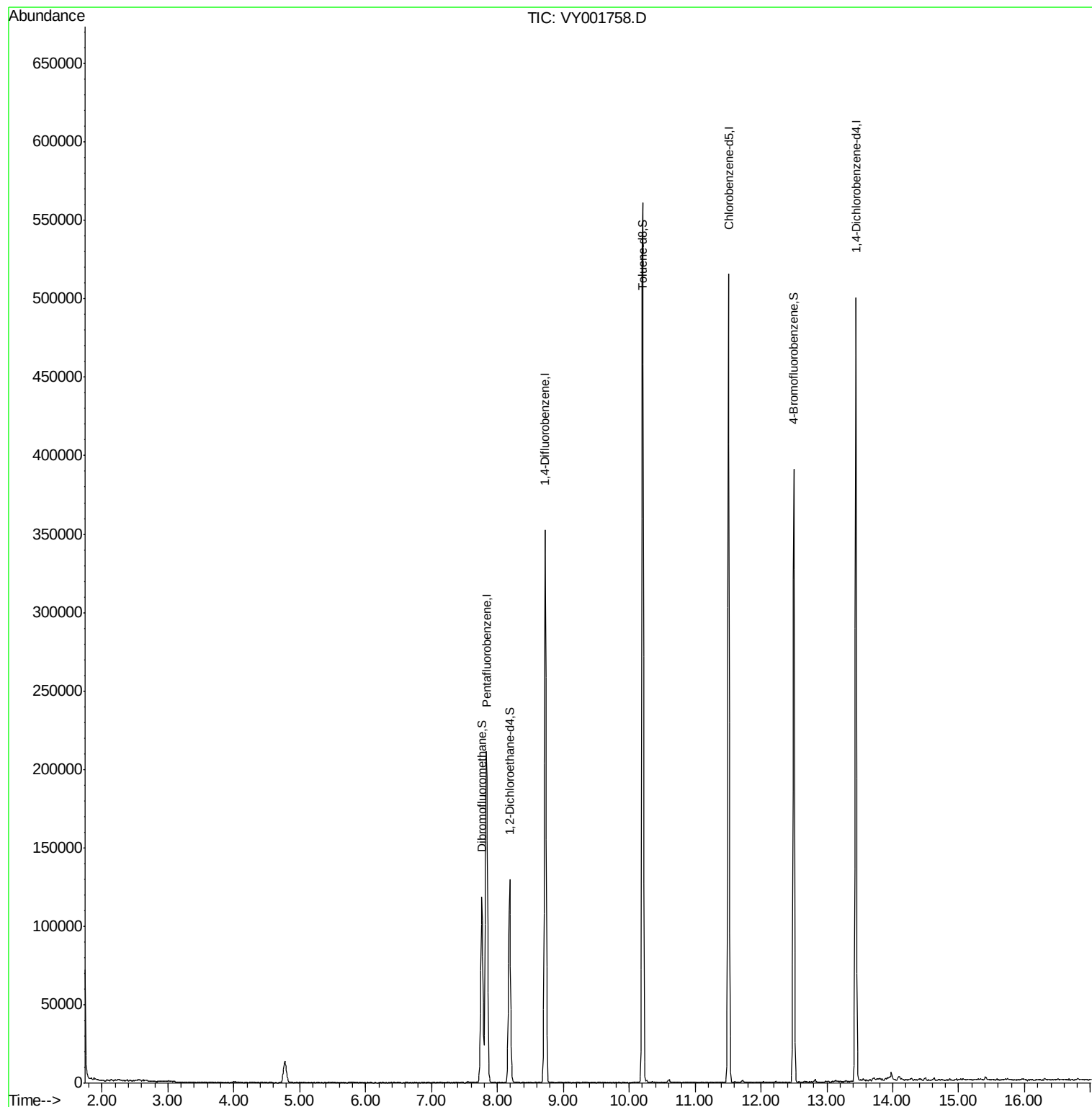
Target Compounds	Qvalue

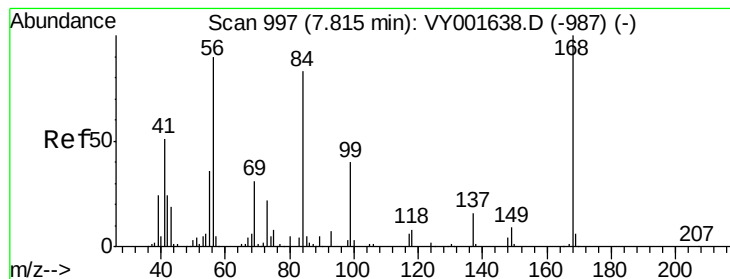
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001758.D

Acq: 21 Feb 2020 21:01

Instrument :

MSVOA_Y

ClientSampled :

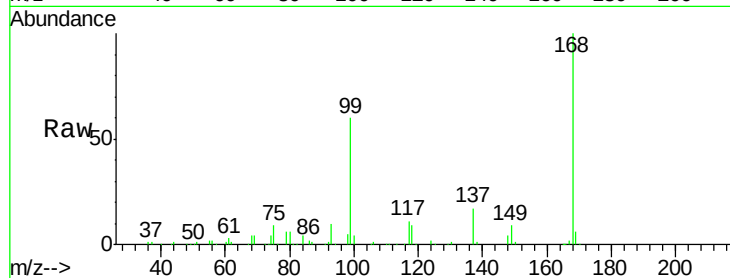
TP-F-D2

Tot Ion:168 Resp: 159402

Ion Ratio Lower Upper

168 100

99 60.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001758.D (-1045) (-)

Ion 98.90 (98.60 to 99.60): VY001758.D (-1045) (-)

7.83

80000

60000

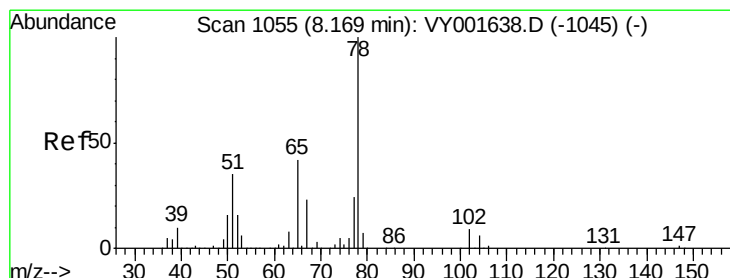
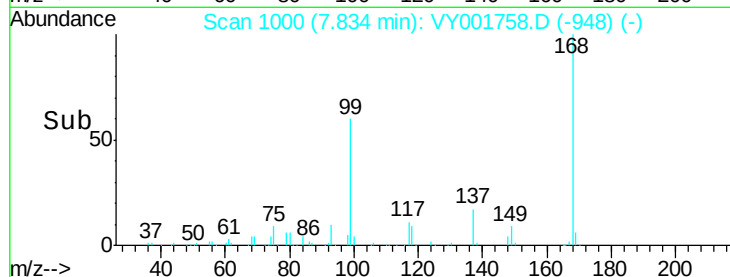
40000

20000

0

7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.075 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001758.D

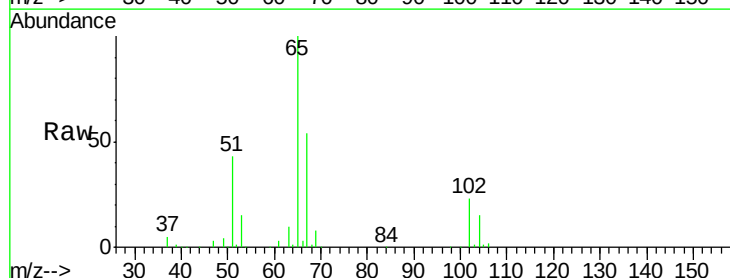
Acq: 21 Feb 2020 21:01

Tgt Ion: 65 Resp: 97861

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001758.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001758.D (-1006) (-)

8.18

50000

40000

30000

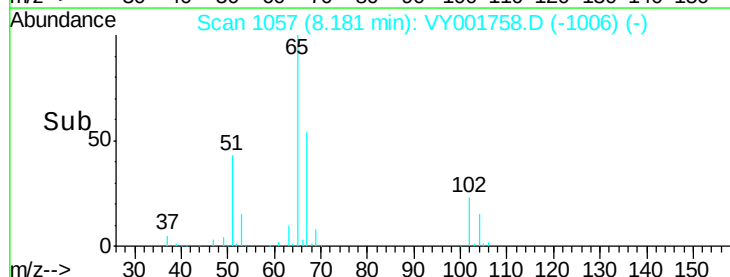
20000

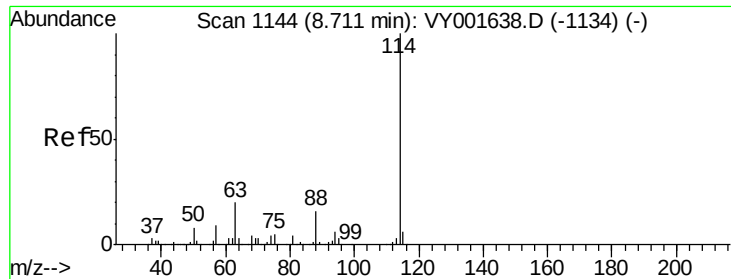
10000

0

8.10 8.20 8.30

Time-->

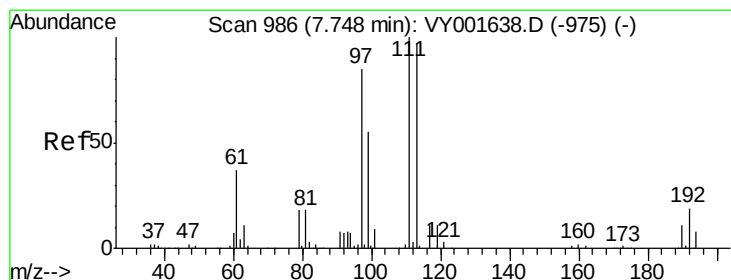
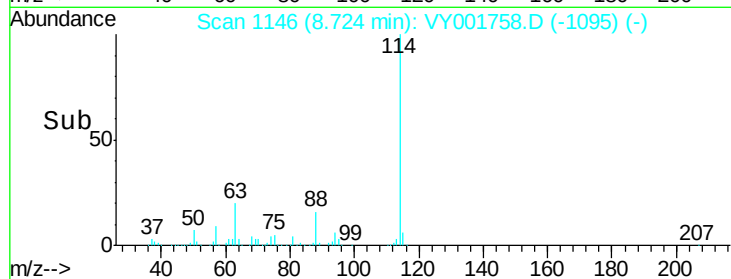
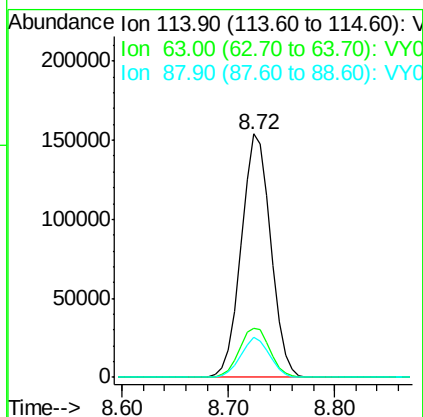
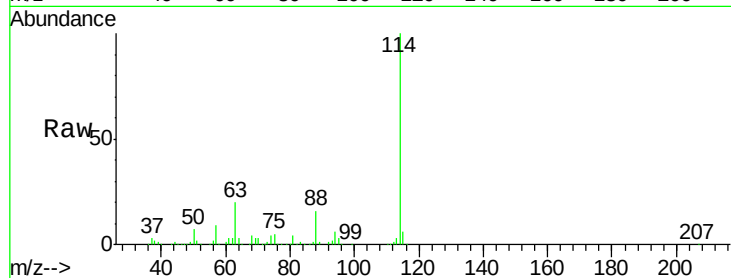




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001758.D
 Acq: 21 Feb 2020 21:01

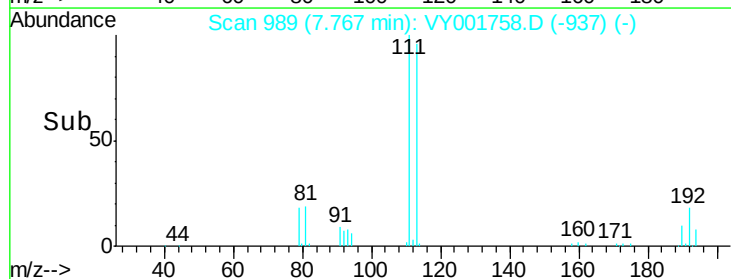
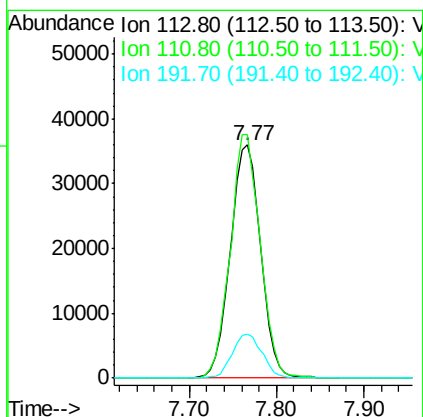
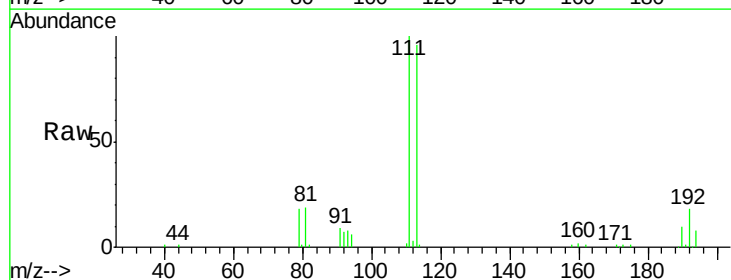
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F-D2

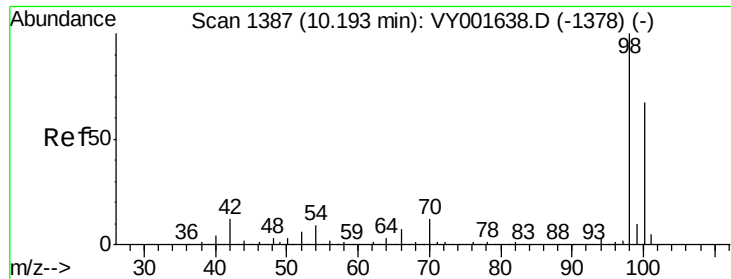
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	16.2	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 50.415 ug/l
 RT: 7.77 min Scan# 989
 Delta R.T. 0.02 min
 Lab File: VY001758.D
 Acq: 21 Feb 2020 21:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	18.6	14.3	21.5





#50

Toluene-d8

Concen: 53.702 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001758.D

Acq: 21 Feb 2020 21:01

Instrument :

MSVOA_Y

ClientSampleId :

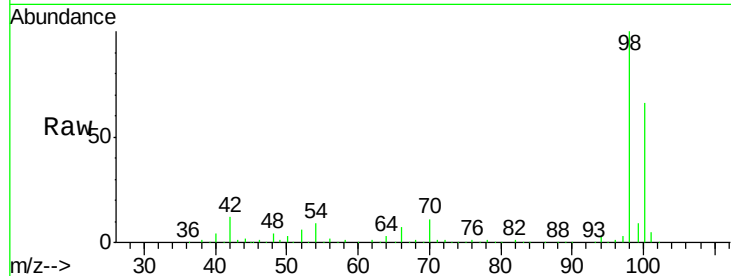
TP-F-D2

Tot Ion: 98 Resp: 362081

Ion Ratio Lower Upper

98 100

100 65.8 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) (-)

10.21

250000

200000

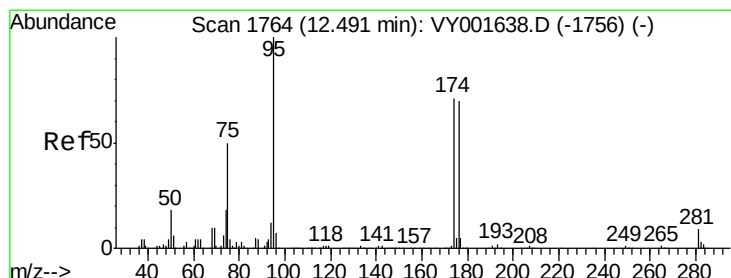
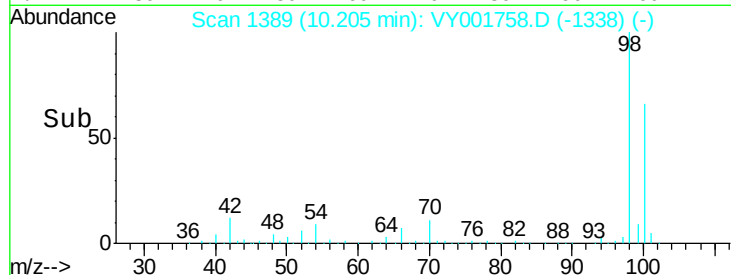
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.260 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001758.D

Acq: 21 Feb 2020 21:01

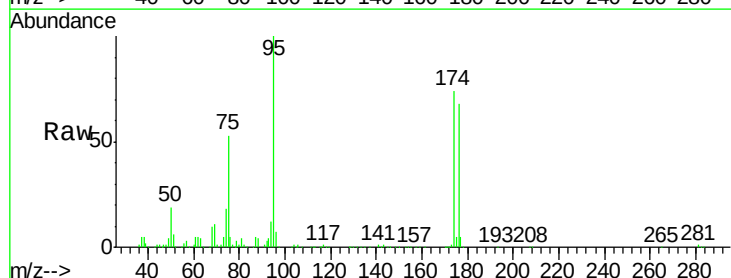
Tgt Ion: 95 Resp: 123793

Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

176 69.5 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) (-)

12.50

100000

80000

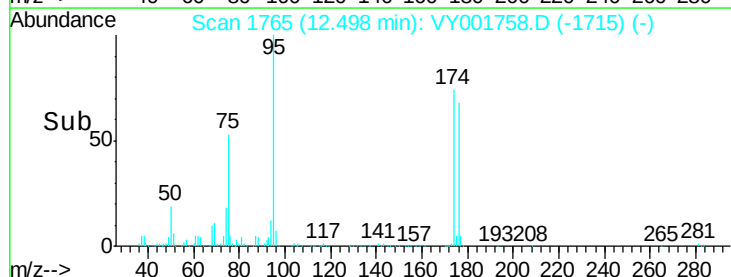
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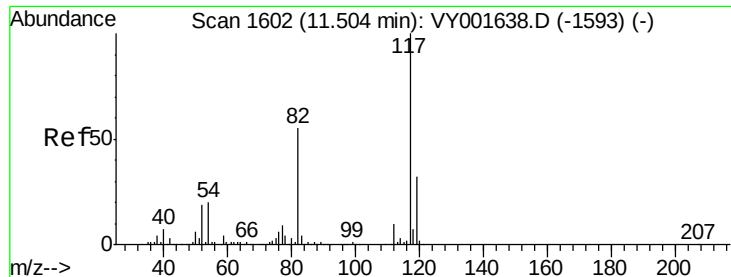
40000

20000

0

Time-->

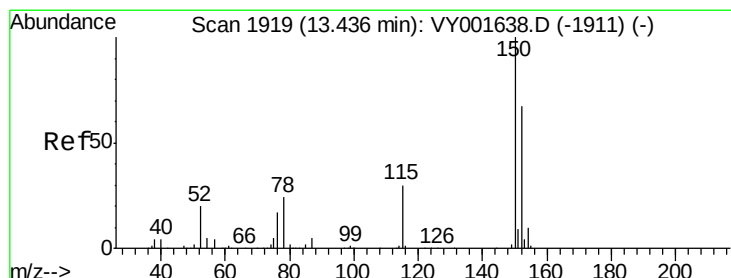
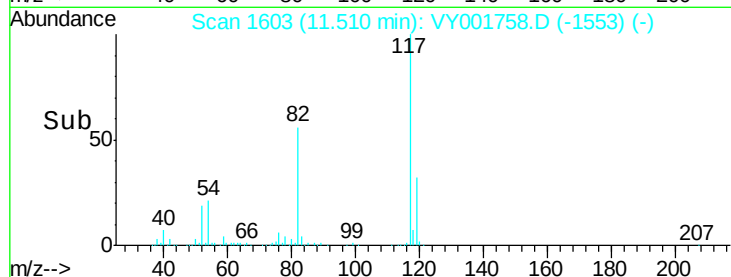
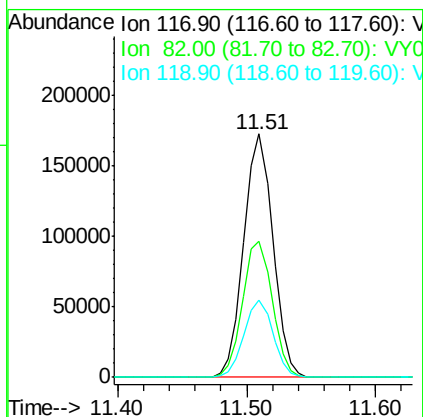
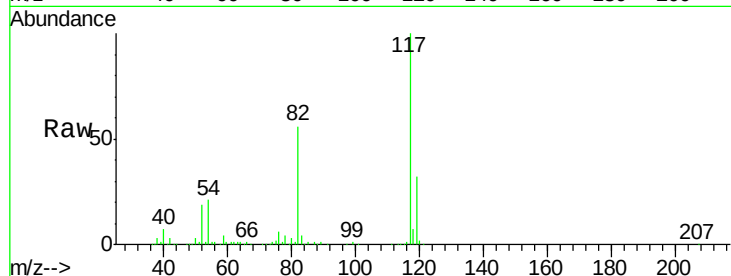




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001758.D
Acq: 21 Feb 2020 21:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-F-D2

Tot Ion:117 Resp: 270543
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.7 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: VY001758.D
Acq: 21 Feb 2020 21:01

Tgt Ion:152 Resp: 119730
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 156.6 0.0 407.2

