

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003321.D
 Acq On : 23 Jul 2020 17:10
 Operator : SY/MD
 Sample : L3308-19RE
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19RE

Quant Time: Jul 24 06:17:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	720819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	340652	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	240355	60.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.40%	
35) Dibromofluoromethane	7.72	113	226751	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
50) Toluene-d8	10.18	98	877703	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
62) 4-Bromofluorobenzene	12.48	95	287259	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

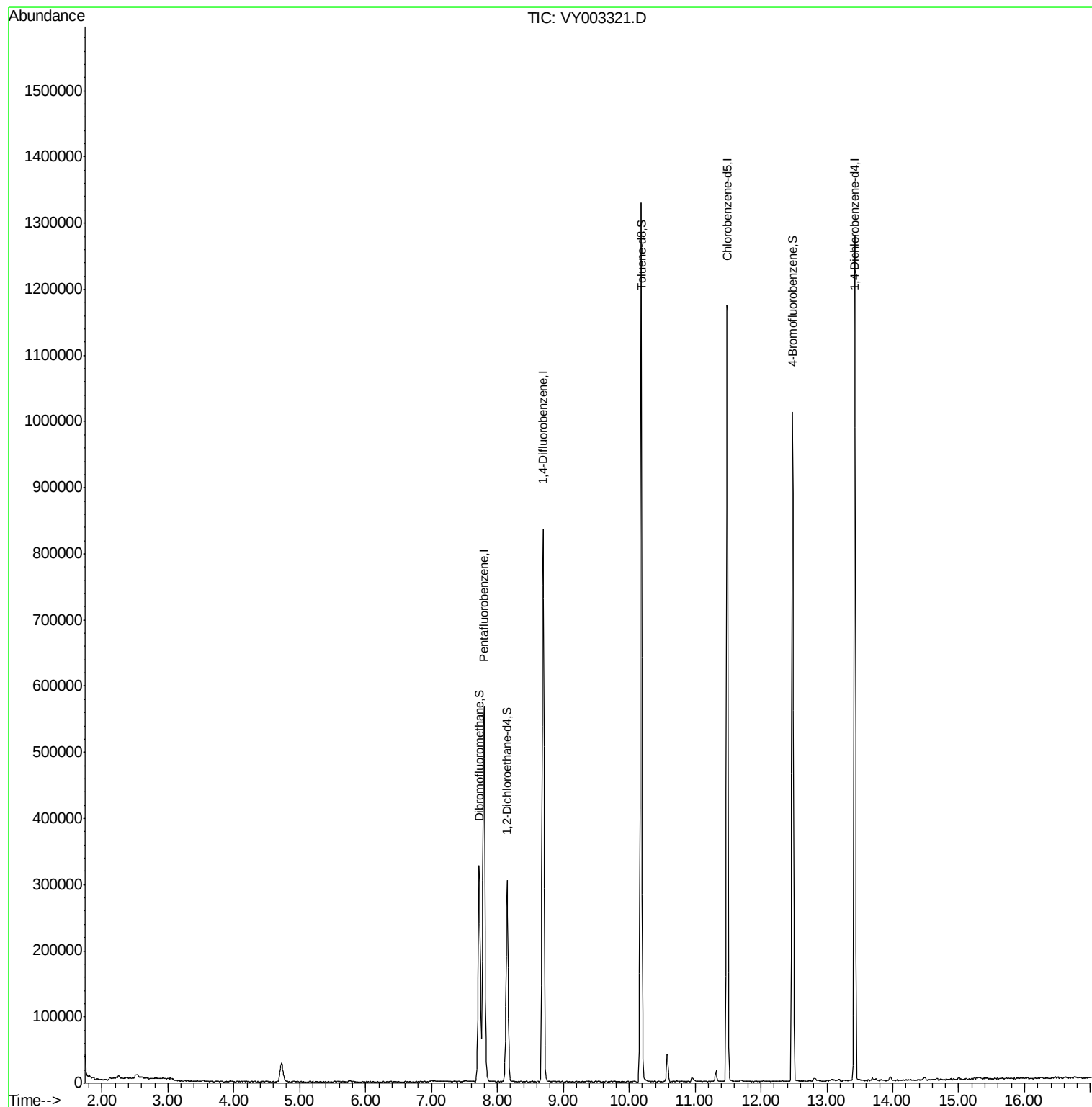
Target Compounds	Qvalue

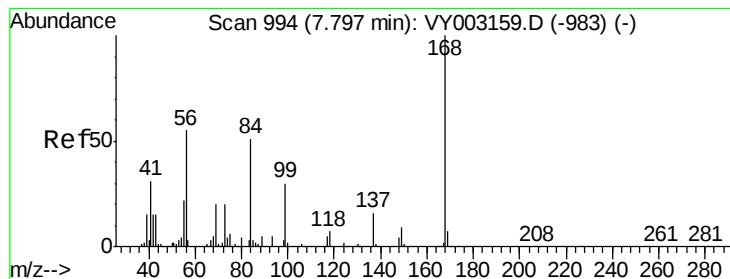
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

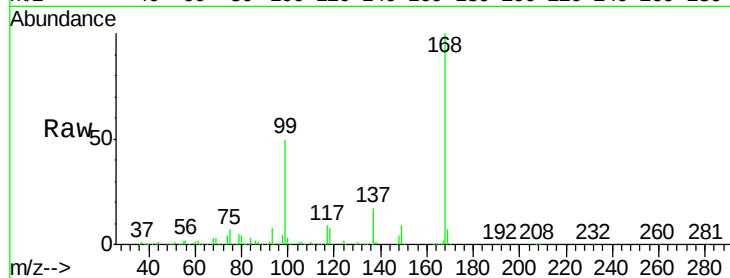
19RE

Tot Ion:168 Resp: 469165

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003321.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003321.D (-945) (-)

7.80

200000

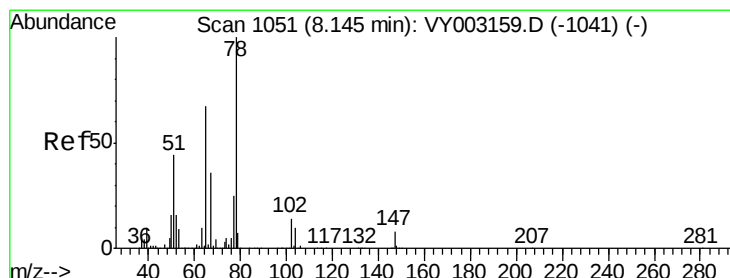
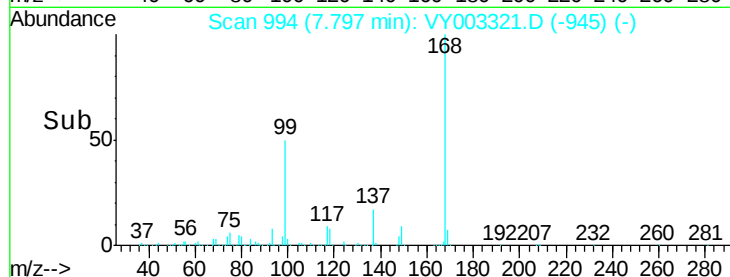
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.697 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003321.D

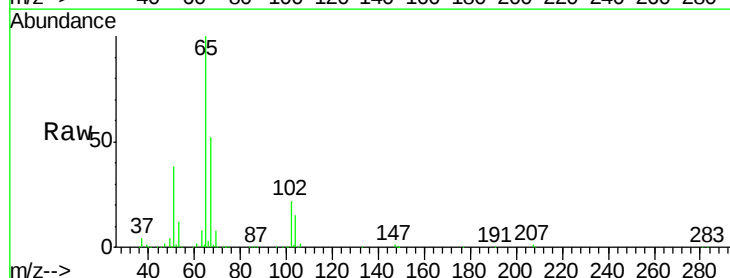
Acq: 23 Jul 2020 17:10

Tgt Ion: 65 Resp: 240355

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003321.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003321.D (-1002) (-)

8.14

120000

100000

80000

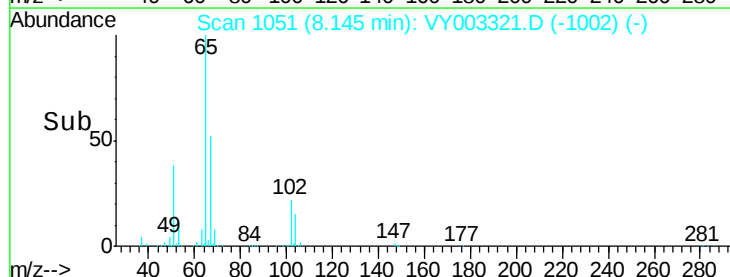
60000

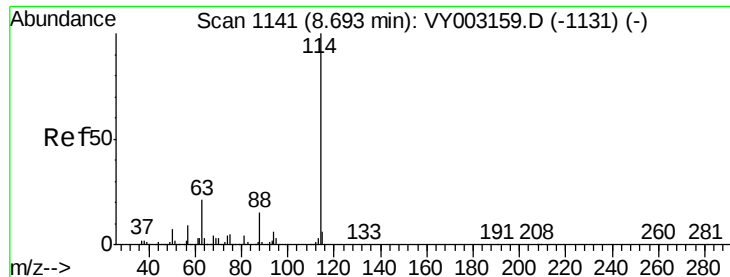
40000

20000

0

Time-->

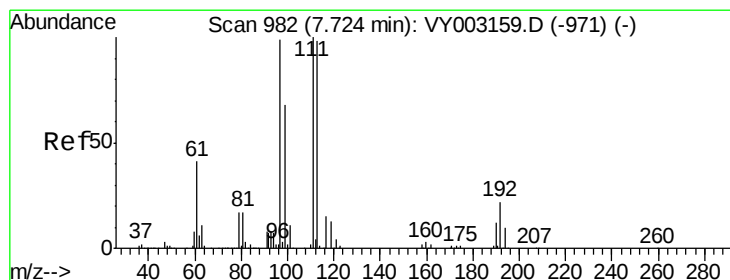
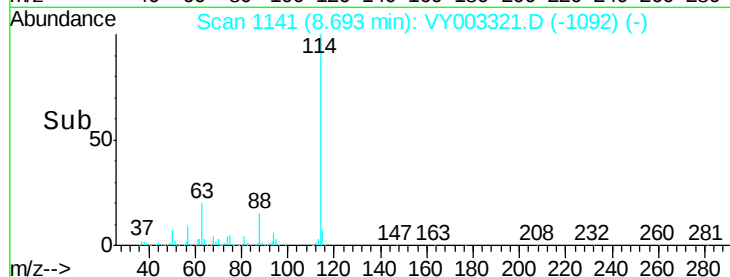
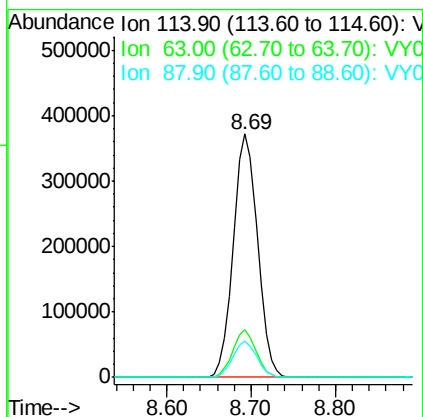
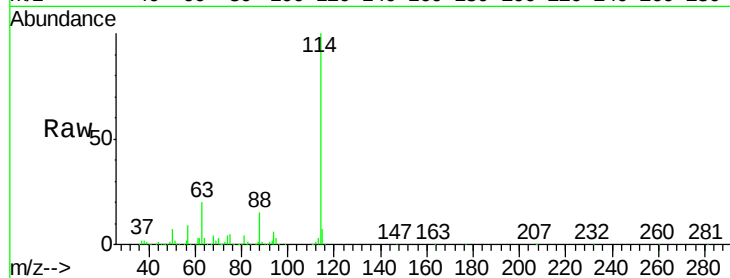




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

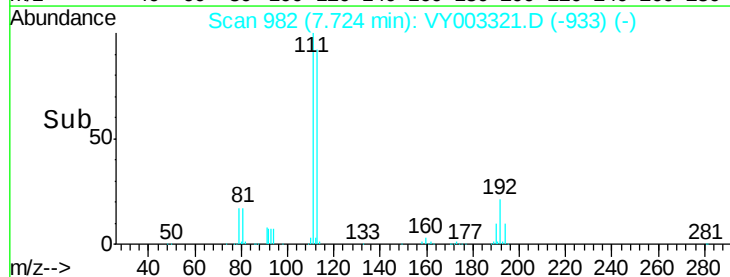
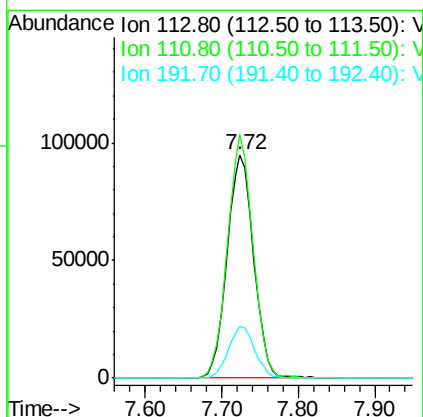
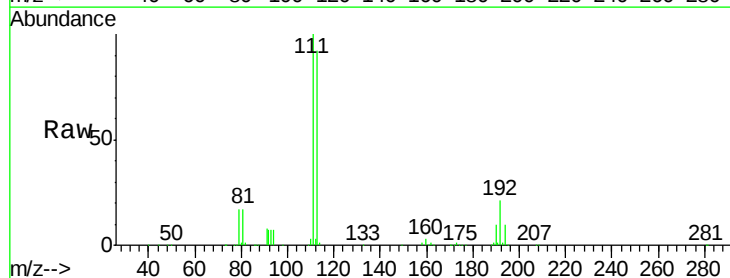
Instrument :
 MSVOA_Y
 ClientSampleId :
 19RE

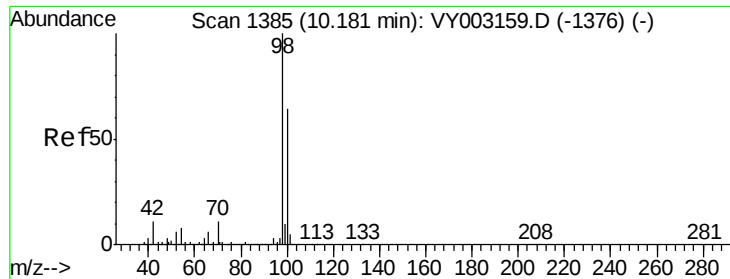
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.2
88	15.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.663 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.1	123.1
192	23.1	18.8	28.2





#50

Toluene-d8

Concen: 56.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

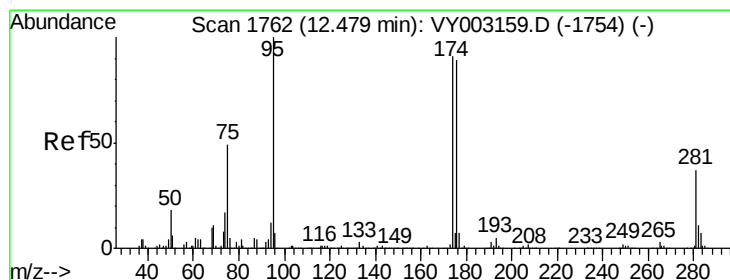
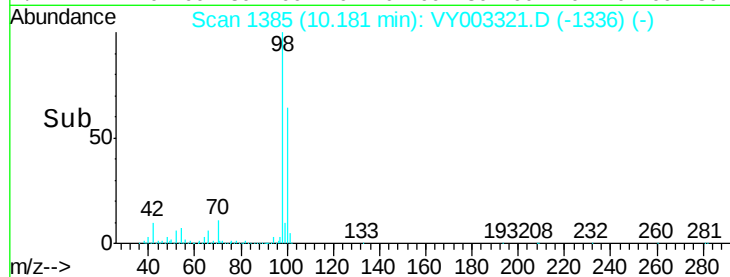
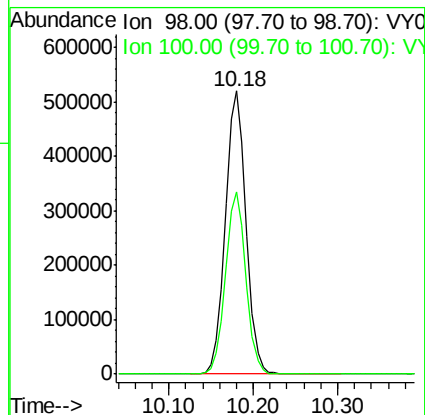
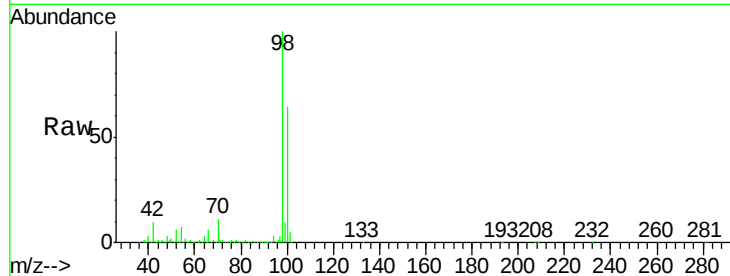
19RE

Tot Ion: 98 Resp: 877703

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.560 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

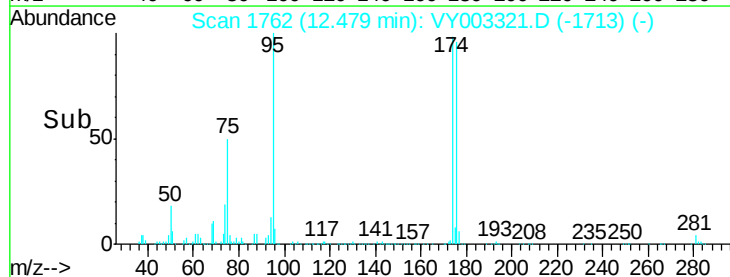
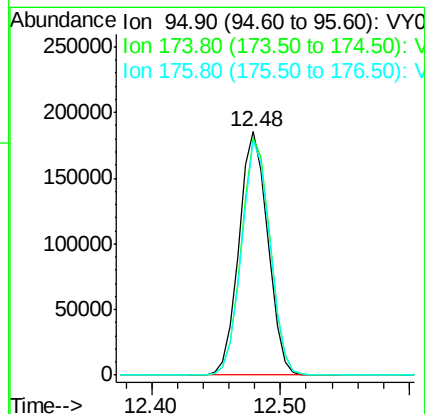
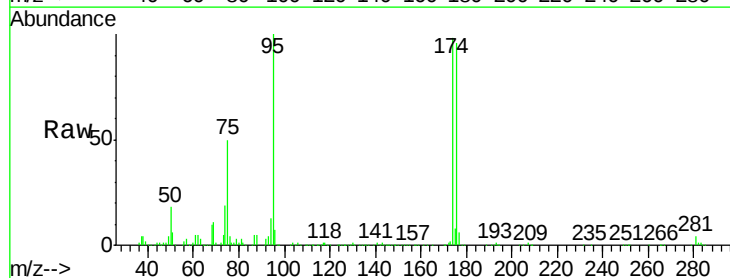
Tgt Ion: 95 Resp: 287259

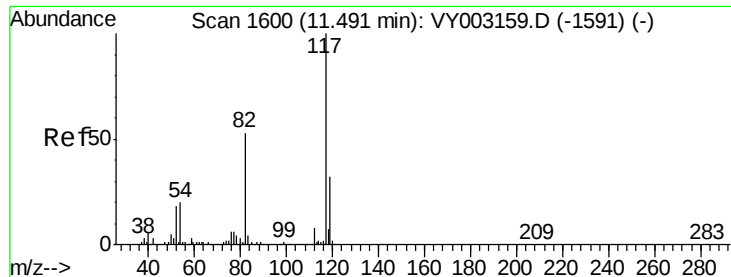
Ion Ratio Lower Upper

95 100

174 96.6 0.0 190.6

176 94.5 0.0 186.4

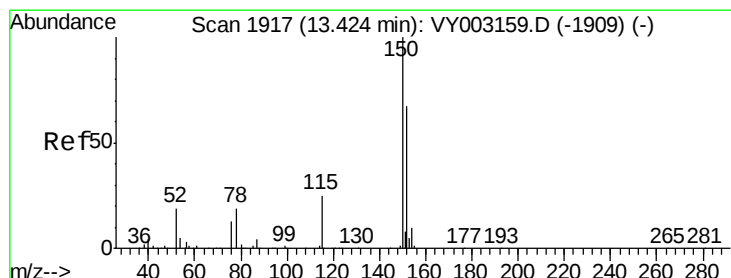
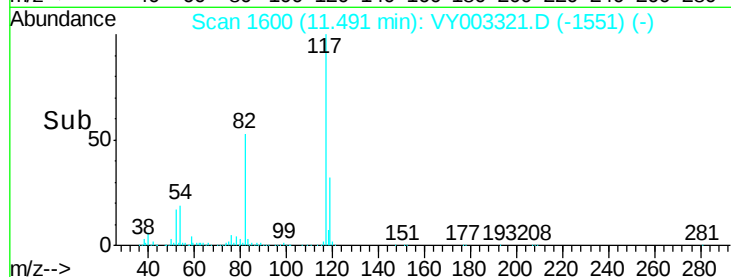
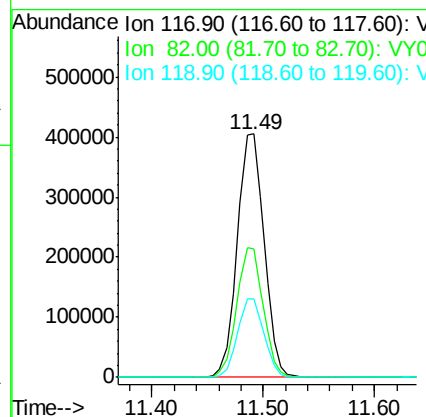
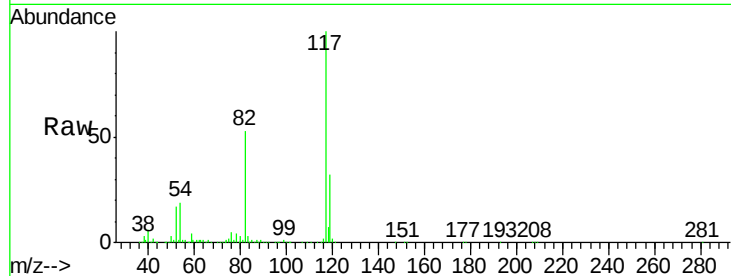




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003321.D
Acq: 23 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
19RE

Tot Ion:117 Resp: 676767
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003321.D
Acq: 23 Jul 2020 17:10

Tgt Ion:152 Resp: 340652
Ion Ratio Lower Upper
152 100
115 53.1 26.9 80.7
150 156.1 0.0 338.0

