

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003318.D
 Acq On : 23 Jul 2020 15:58
 Operator : SY/MD
 Sample : L3308-22
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22

Quant Time: Jul 24 06:07:37 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	473544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	730690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	334905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	229325	57.38	ug/l	0.00
Spiked Amount						
			Recovery	=	114.76%	
35) Dibromofluoromethane	7.72	113	226449	53.85	ug/l	0.00
Spiked Amount						
			Recovery	=	107.70%	
50) Toluene-d8	10.18	98	877725	56.14	ug/l	0.00
Spiked Amount						
			Recovery	=	112.28%	
62) 4-Bromofluorobenzene	12.48	95	291281	51.58	ug/l	0.00
Spiked Amount						
			Recovery	=	103.16%	

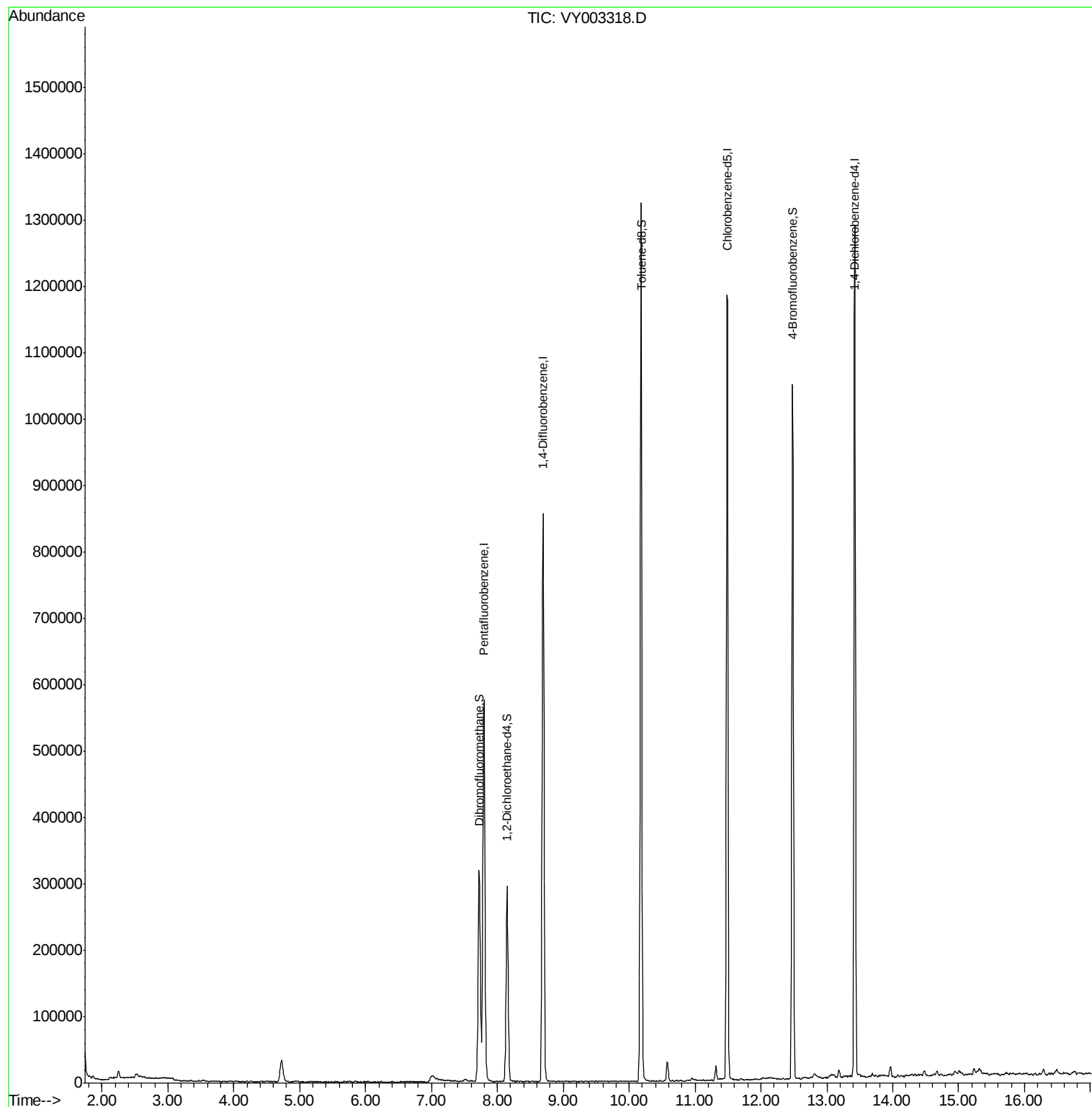
Target Compounds	Qvalue

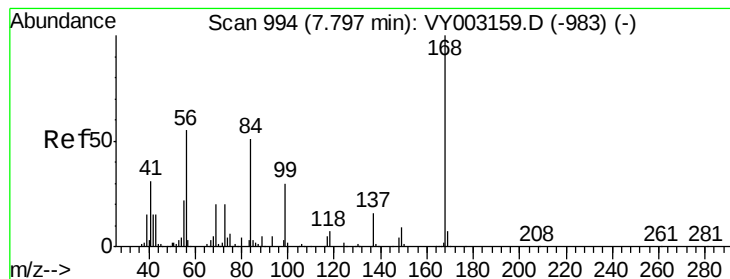
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003318.D

Acq: 23 Jul 2020 15:58

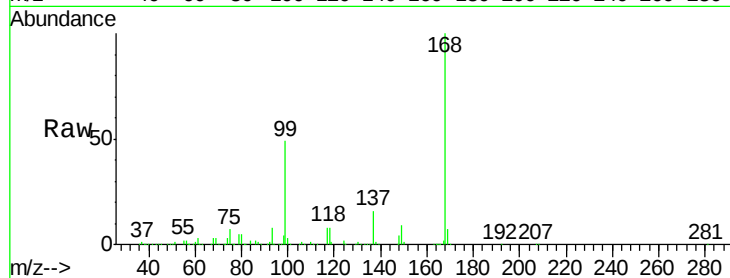
Instrument :
MSVOA_Y
ClientSampleId :
22

Tot Ion:168 Resp: 473544

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003318.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003318.D (-945) (-)

7.80

200000

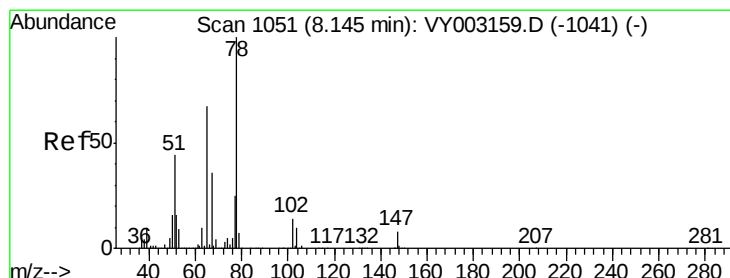
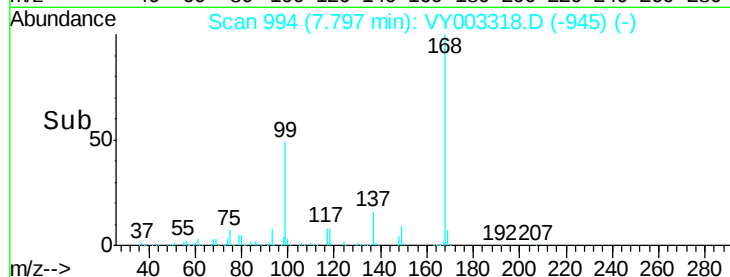
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.376 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003318.D

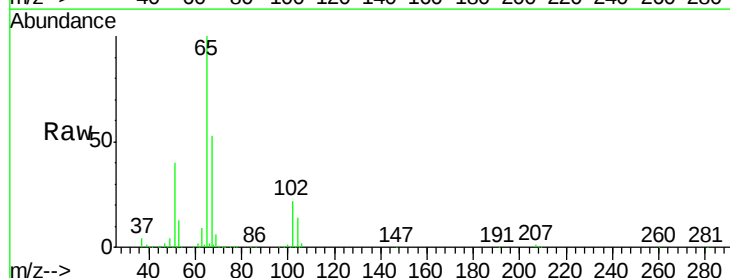
Acq: 23 Jul 2020 15:58

Tgt Ion: 65 Resp: 229325

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003318.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003318.D (-1002) (-)

8.15

120000

100000

80000

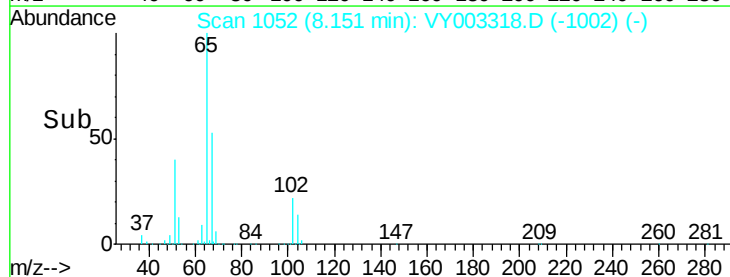
60000

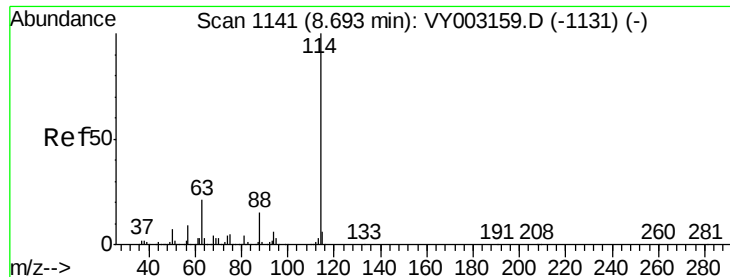
40000

20000

0

Time-->

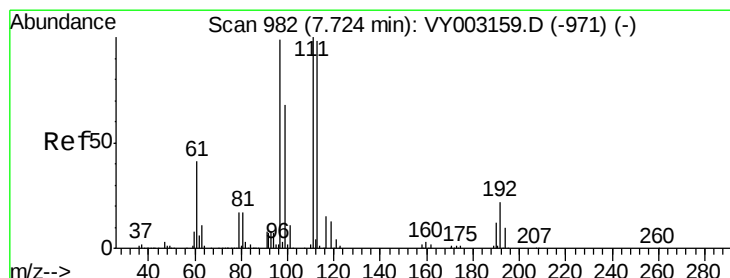
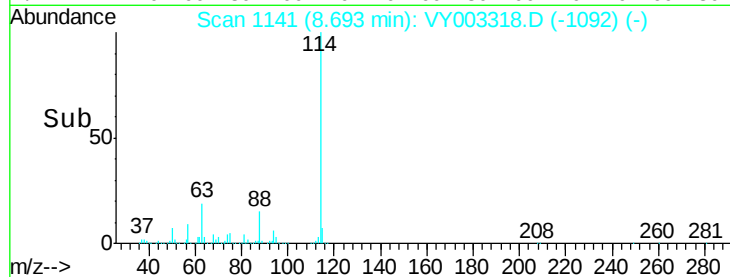
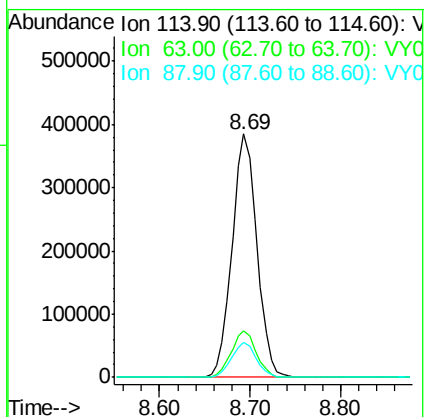
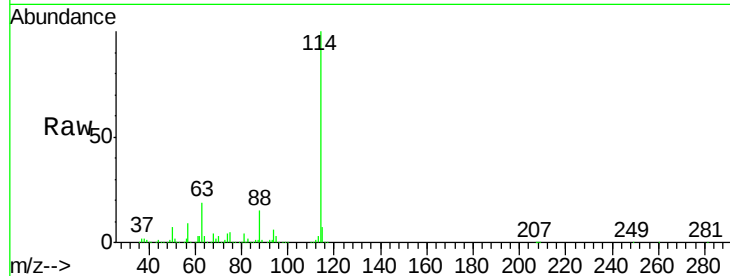




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003318.D
Acq: 23 Jul 2020 15:58

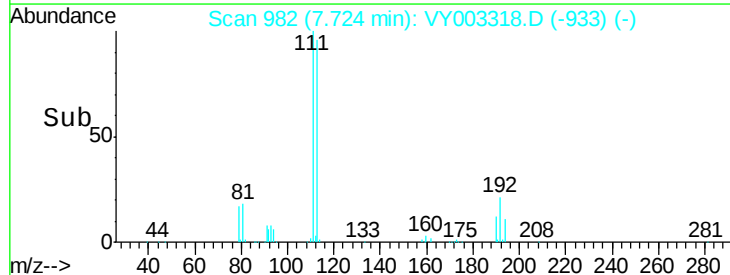
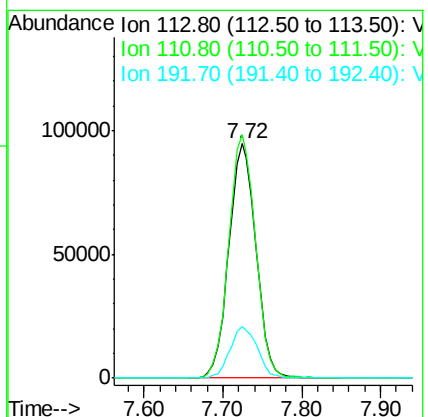
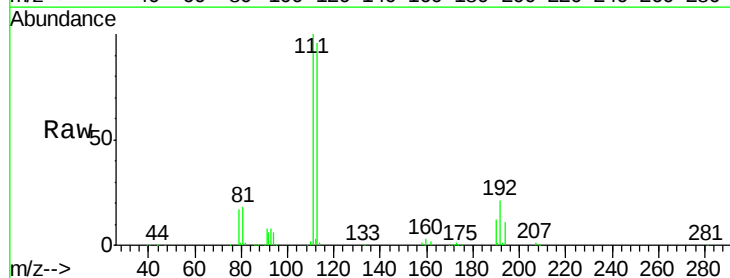
Instrument :
MSVOA_Y
ClientSampled :
22

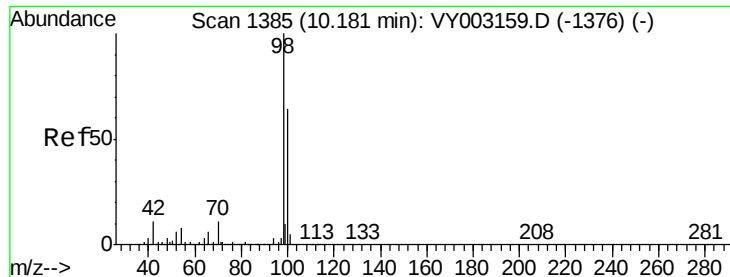
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.2
88	14.6	0.0	30.2



#35
Dibromofluoromethane
Concen: 53.853 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003318.D
Acq: 23 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	22.3	18.8	28.2





#50

Toluene-d8

Concen: 56.145 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

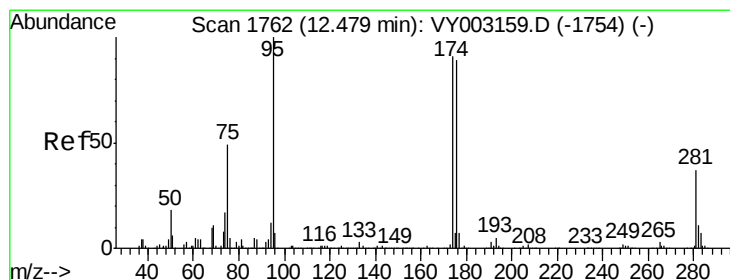
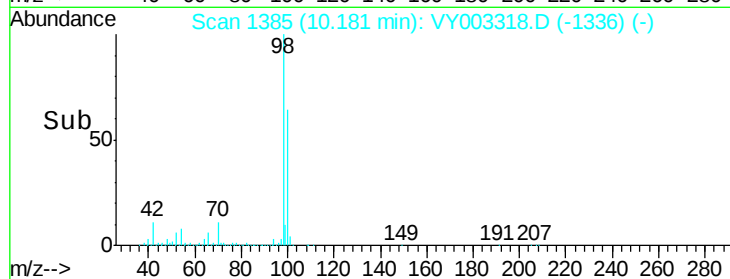
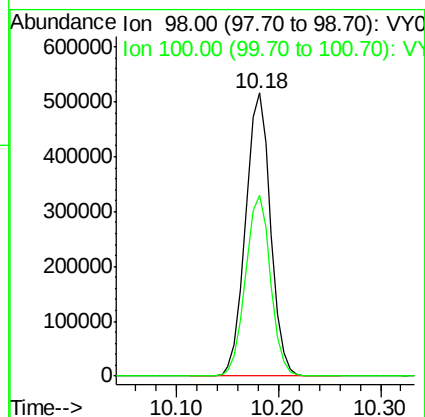
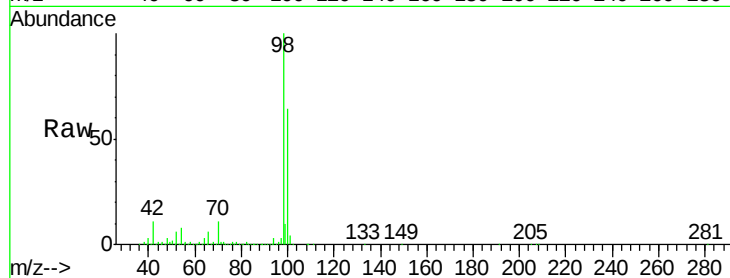
22

Tot Ion: 98 Resp: 877725

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.575 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

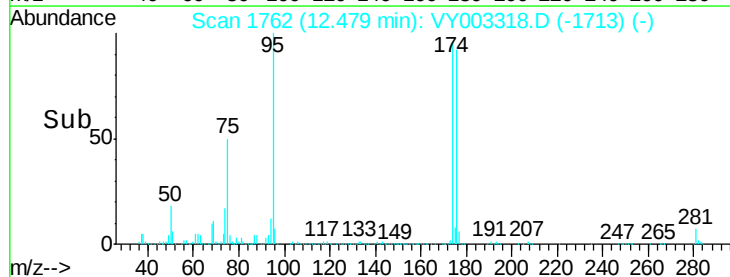
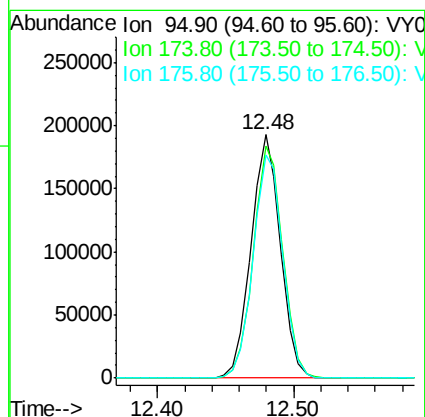
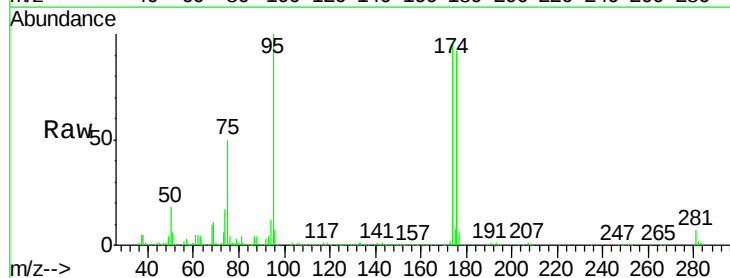
Tgt Ion: 95 Resp: 291281

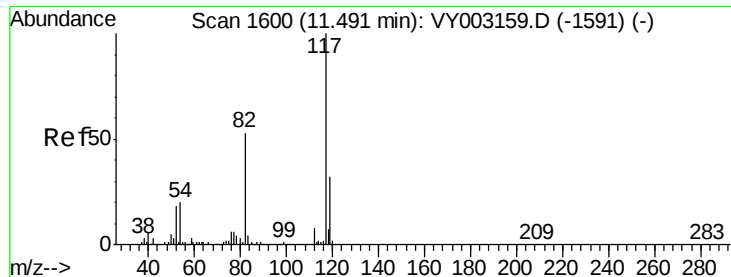
Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

176 93.0 0.0 186.4

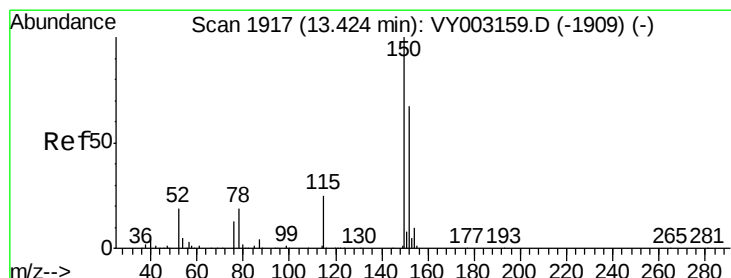
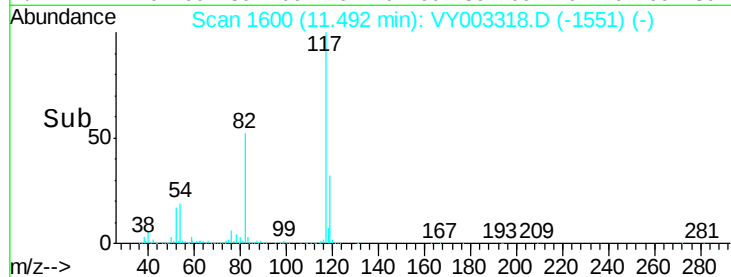
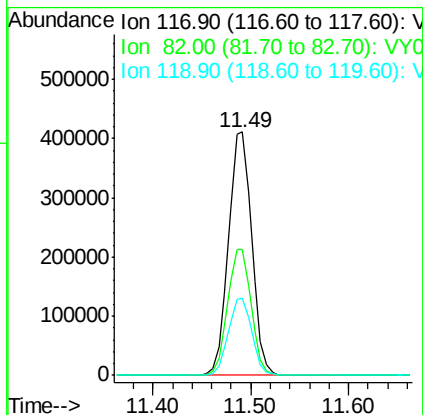
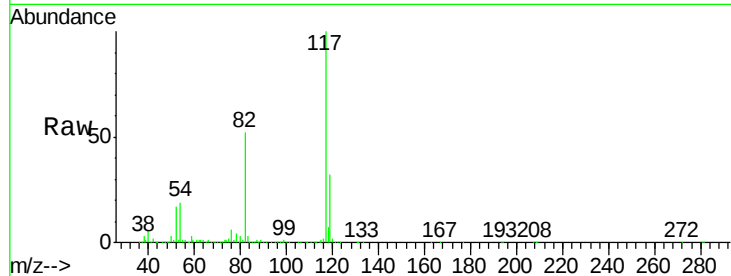




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003318.D
Acq: 23 Jul 2020 15:58

Instrument :
MSVOA_Y
ClientSampled :
22

Tot Ion:117 Resp: 676370
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 31.9 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: VY003318.D
Acq: 23 Jul 2020 15:58

Tgt Ion:152 Resp: 334905
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 156.6 0.0 338.0

