

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002681.D
 Acq On : 13 May 2020 13:55
 Operator : SY/MD
 Sample : L2505-01
 Misc : 7.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-051220

Quant Time: May 14 04:29:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	315045	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	494032	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	430499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196966	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129692	48.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.72	113	144812	51.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.18	98	576434	52.24	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.48	95	175395	46.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.70%	

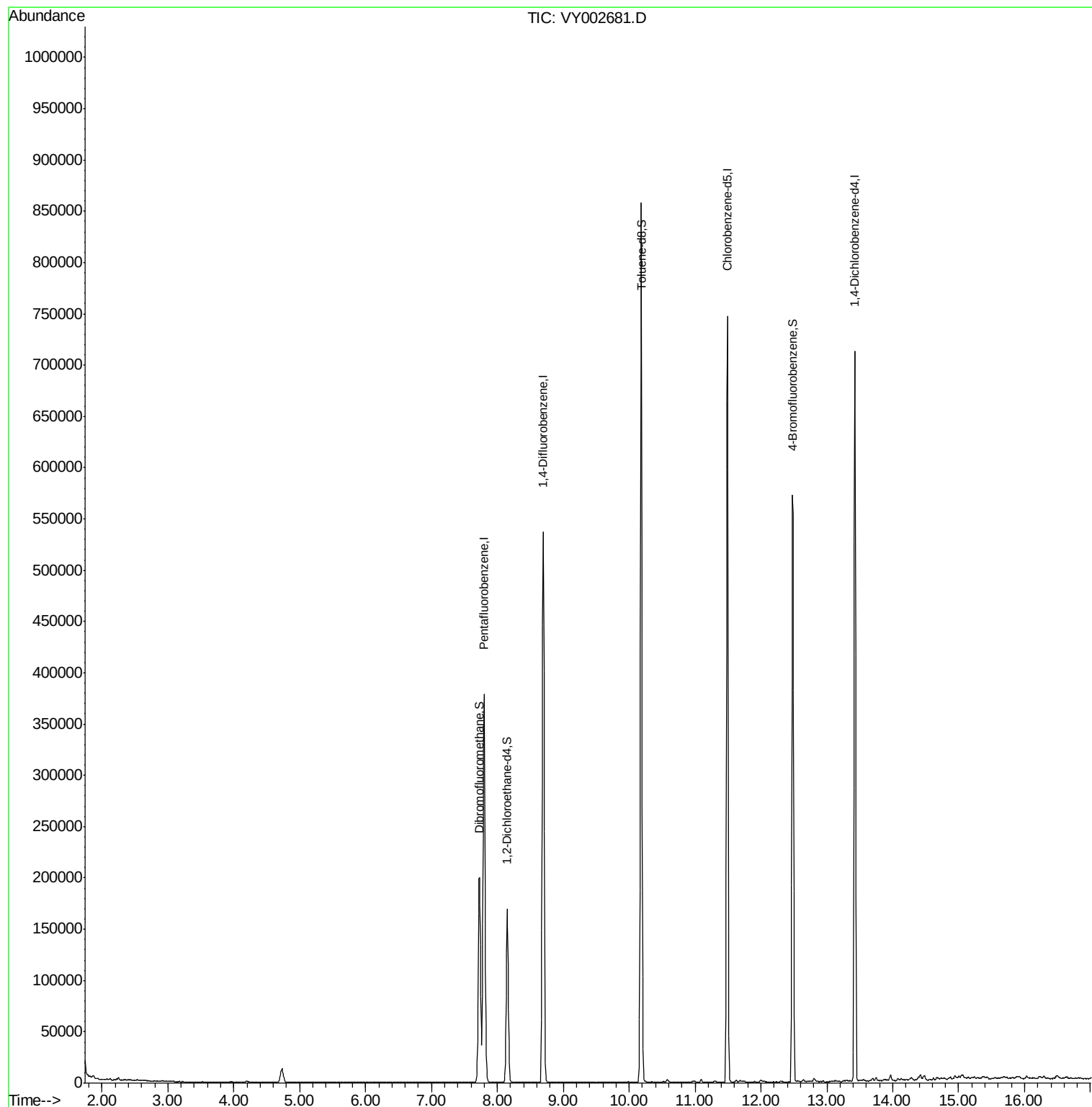
Target Compounds	Qvalue

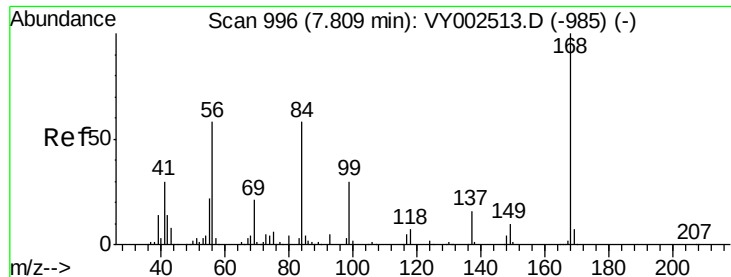
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002681.D

Acq: 13 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

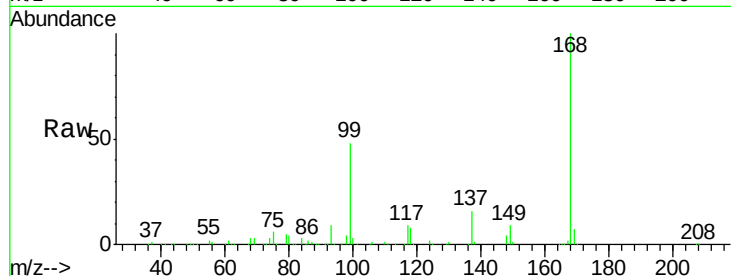
SU-02-051220

Tot Ion:168 Resp: 315045

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

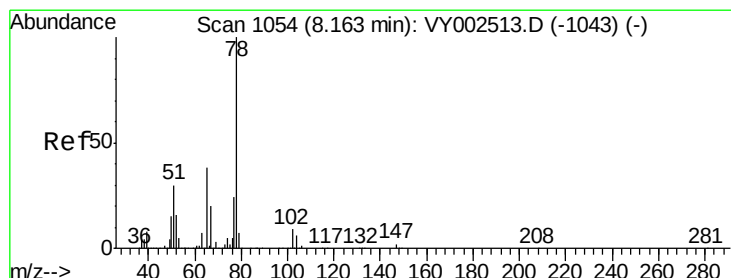
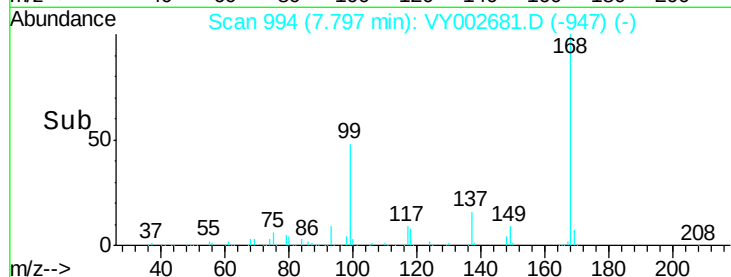
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.960 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002681.D

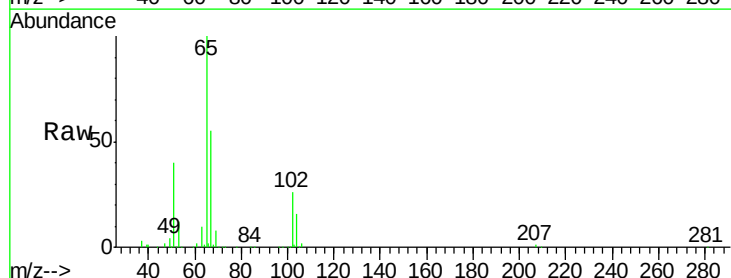
Acq: 13 May 2020 13:55

Tgt Ion: 65 Resp: 129692

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.15

60000

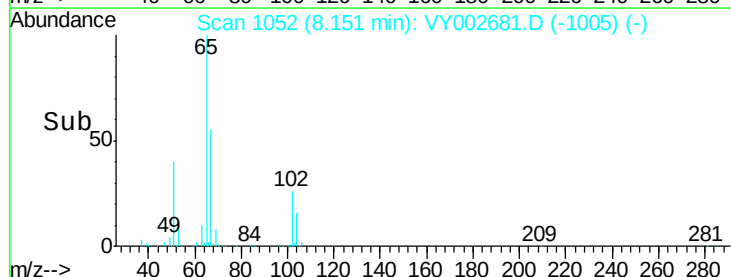
40000

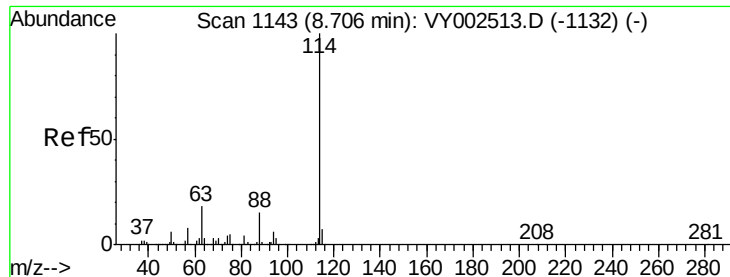
20000

0

8.10 8.20 8.30

Time-->

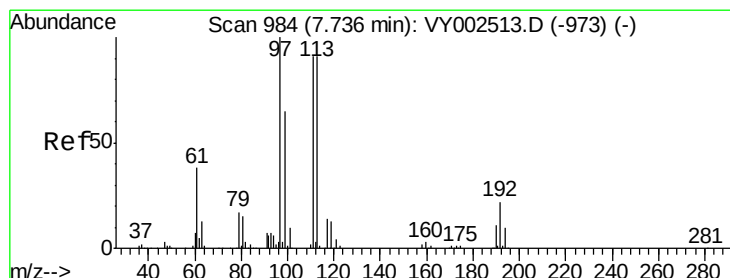
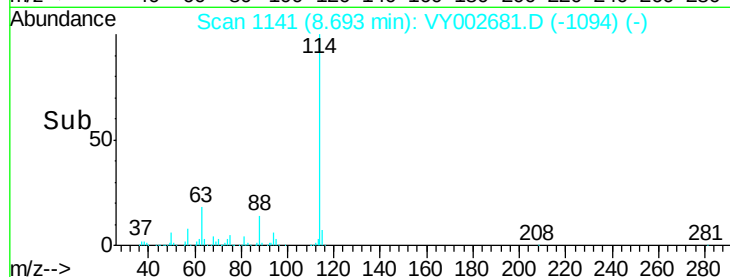
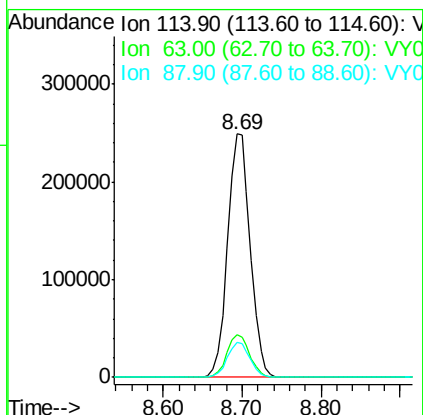
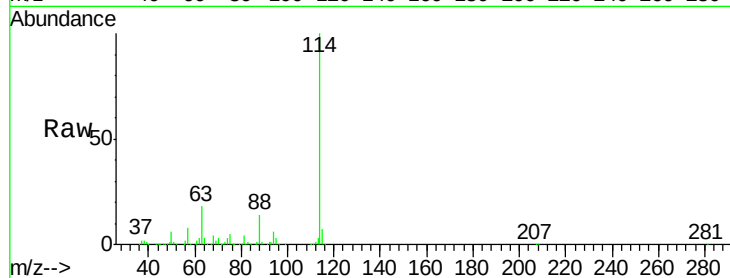




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002681.D
 Acq: 13 May 2020 13:55

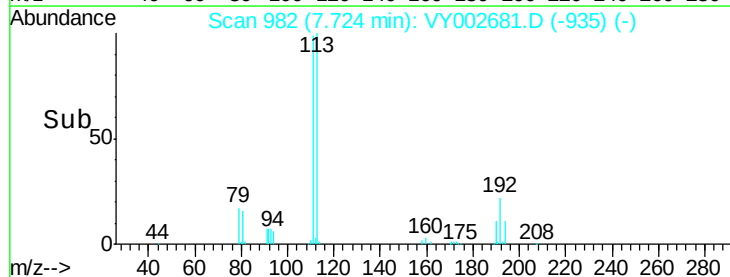
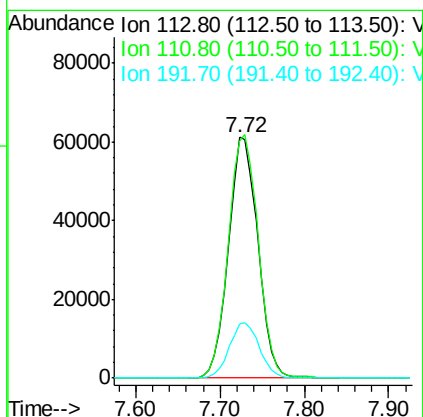
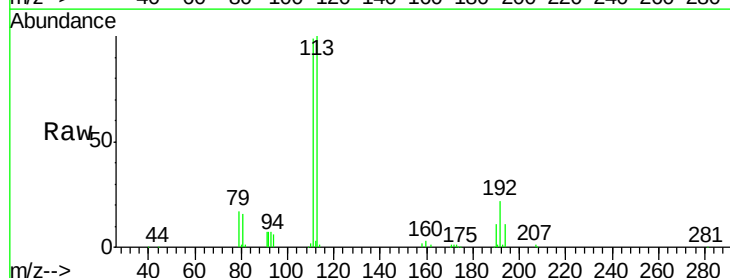
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-051220

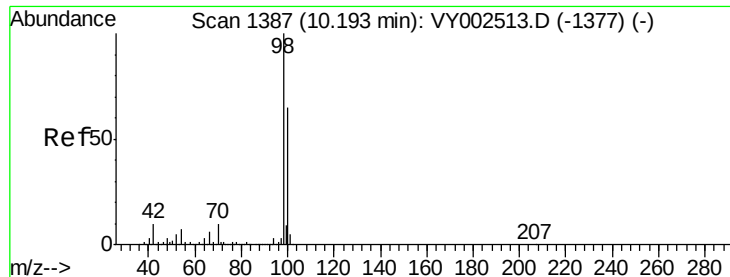
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.4
88	14.5	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 51.254 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002681.D
 Acq: 13 May 2020 13:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	23.3	18.2	27.4





#50

Toluene-d8

Concen: 52.244 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002681.D

Acq: 13 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

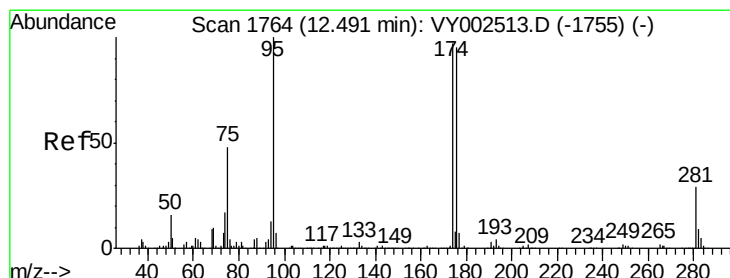
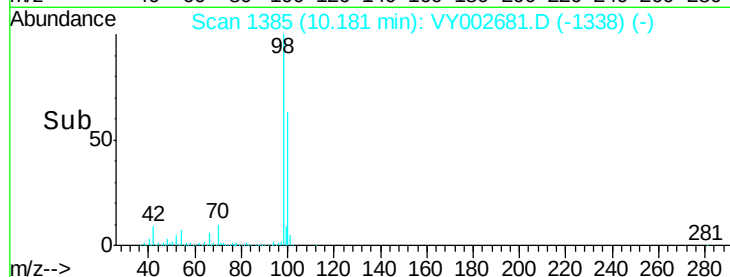
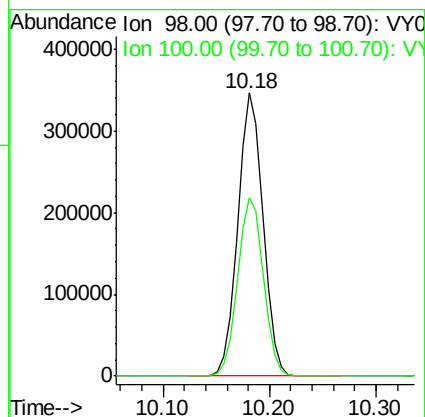
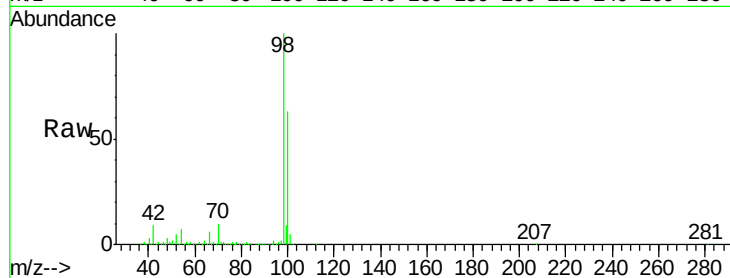
SU-02-051220

Tot Ion: 98 Resp: 576434

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.848 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002681.D

Acq: 13 May 2020 13:55

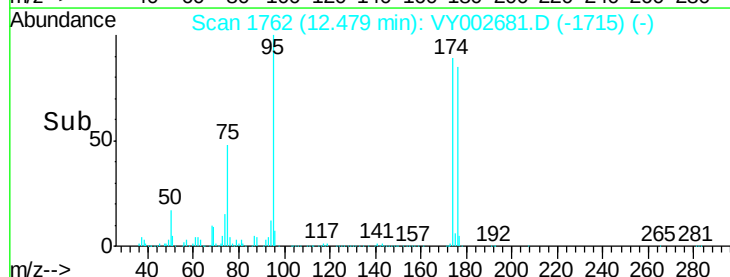
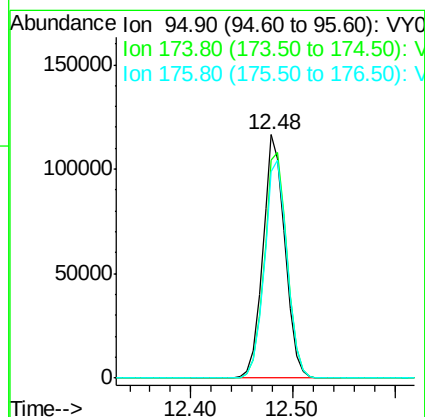
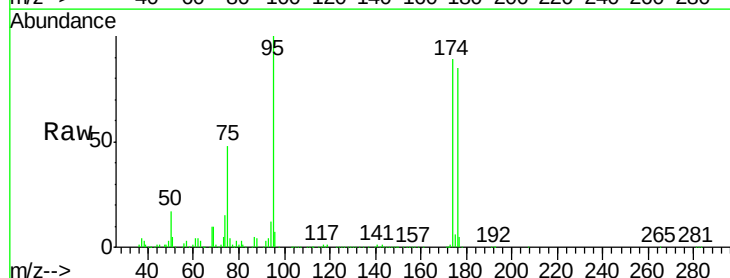
Tgt Ion: 95 Resp: 175395

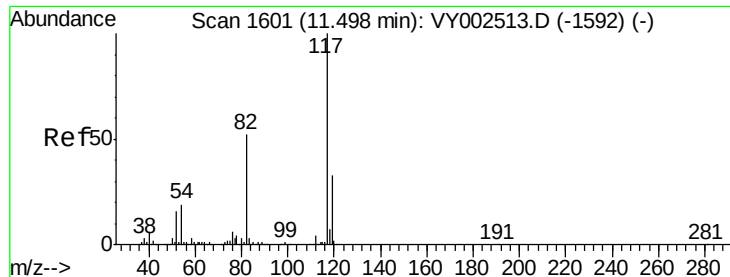
Ion Ratio Lower Upper

95 100

174 95.0 0.0 188.8

176 92.0 0.0 183.2

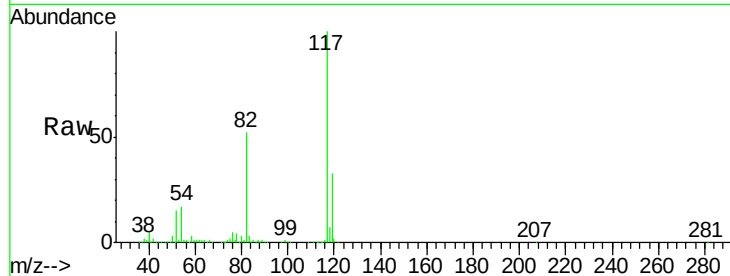




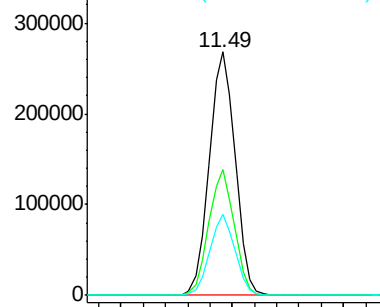
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002681.D
Acq: 13 May 2020 13:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-051220

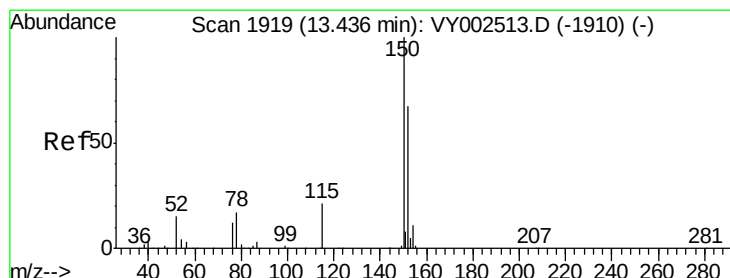
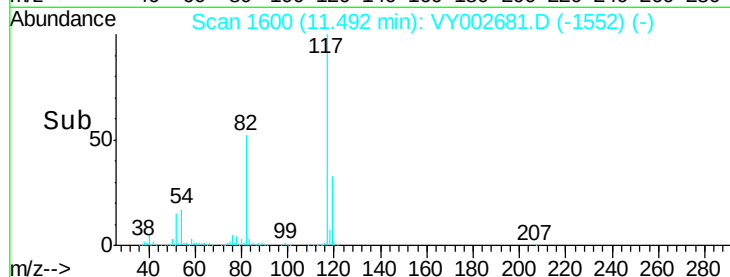
Tot Ion:117 Resp: 430499
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 33.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

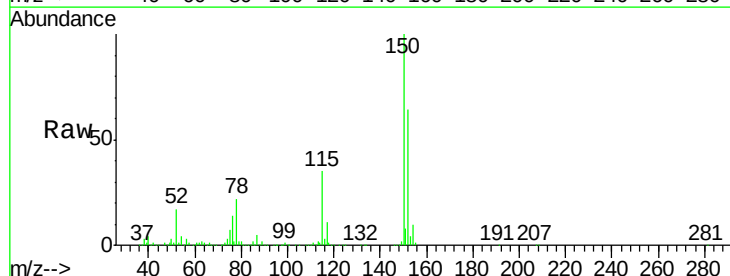


Time-->

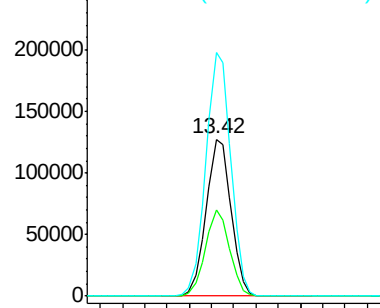


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002681.D
Acq: 13 May 2020 13:55

Tgt Ion:152 Resp: 196966
Ion Ratio Lower Upper
152 100
115 53.6 27.5 82.4
150 155.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

