

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002679.D
 Acq On : 13 May 2020 13:10
 Operator : SY/MD
 Sample : L2604-01
 Misc : 5.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 305

Quant Time: May 14 04:23:31 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	316039	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	499972	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	439794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209703	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	136227	51.26	ug/l	-0.02
Spiked Amount						
			Recovery	=	102.52%	
35) Dibromofluoromethane	7.72	113	146391	51.20	ug/l	-0.01
Spiked Amount						
			Recovery	=	102.40%	
50) Toluene-d8	10.18	98	579211	51.87	ug/l	-0.01
Spiked Amount						
			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	182953	48.29	ug/l	-0.01
Spiked Amount						
			Recovery	=	96.58%	

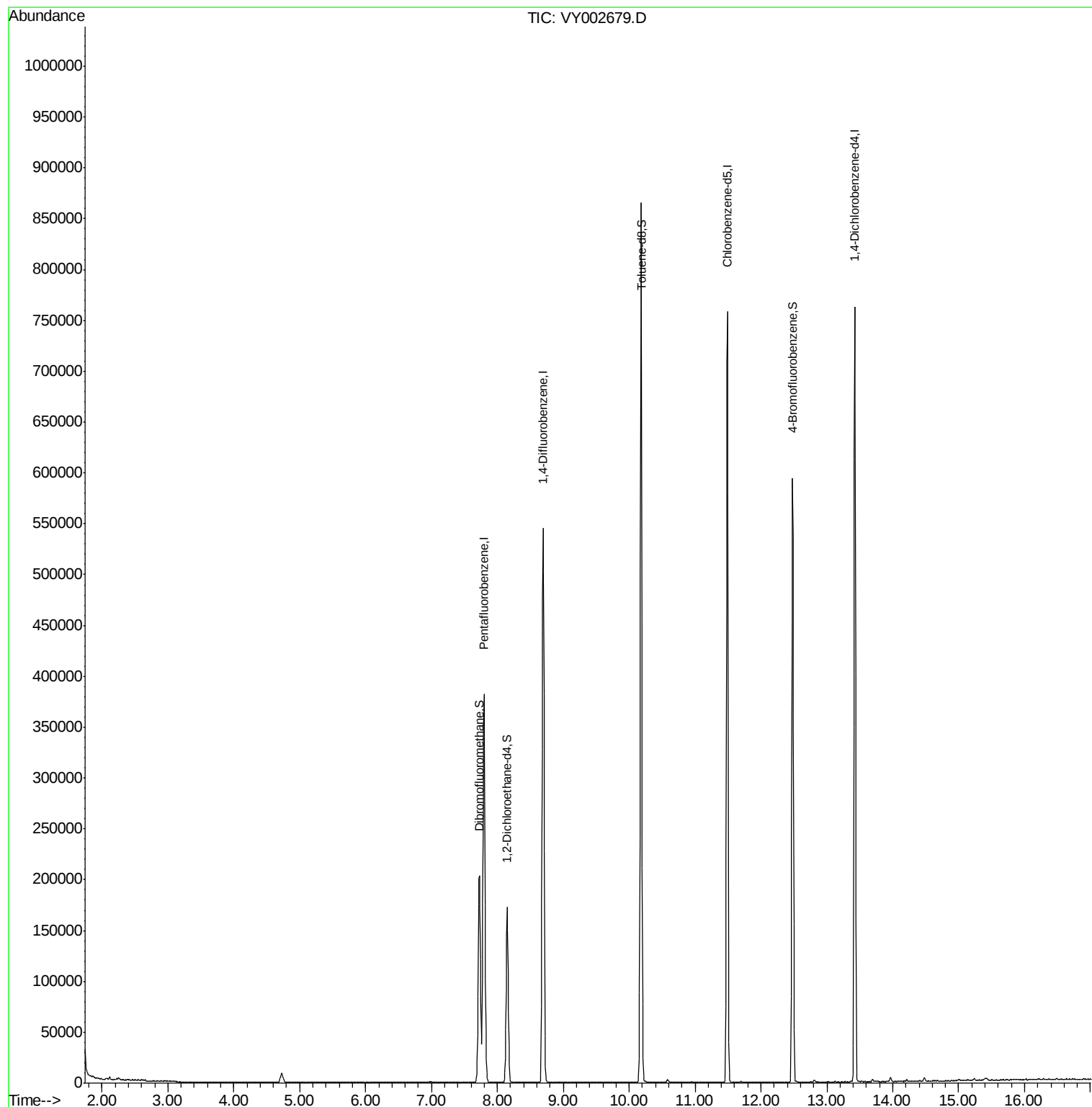
Target Compounds	Qvalue
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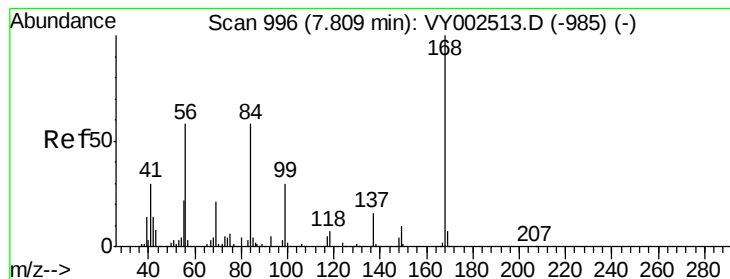
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002679.D

Acq: 13 May 2020 13:10

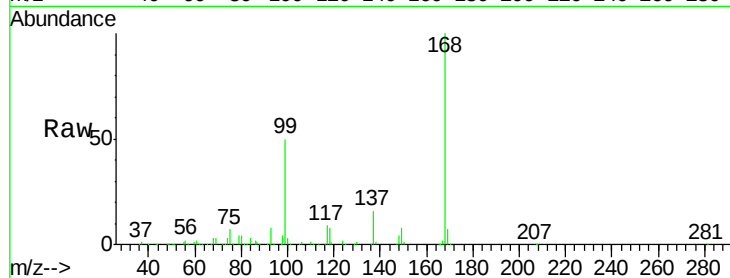
Instrument :
MSVOA_Y
ClientSampleId :
305

Tot Ion:168 Resp: 316039

Ion Ratio Lower Upper

168 100

99 49.5 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

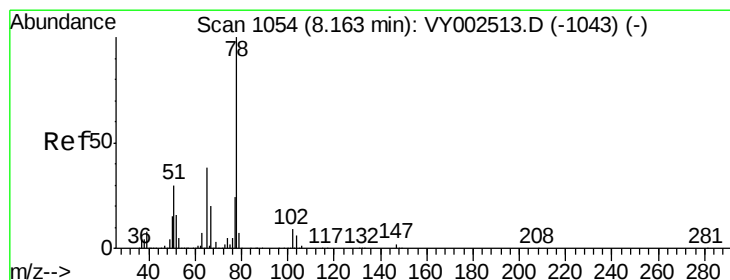
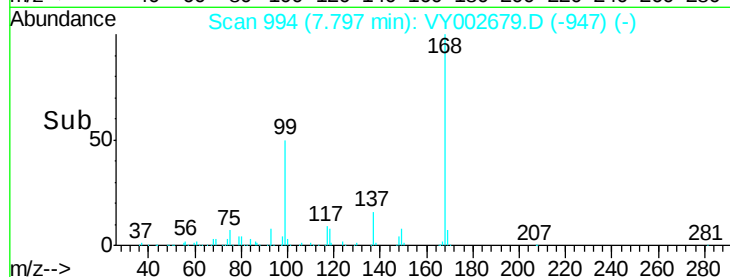
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VY002679.D

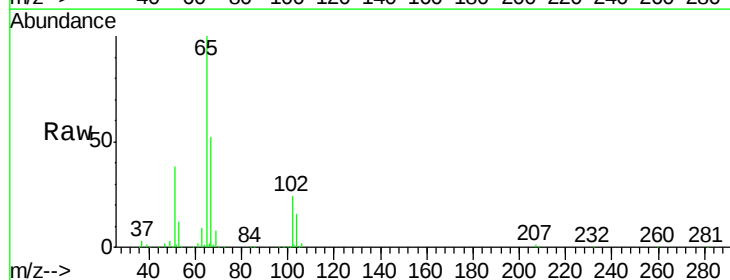
Acq: 13 May 2020 13:10

Tgt Ion: 65 Resp: 136227

Ion Ratio Lower Upper

65 100

67 53.6 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) (-)

8.14

60000

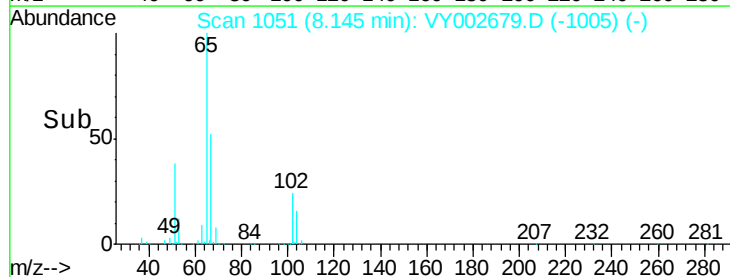
40000

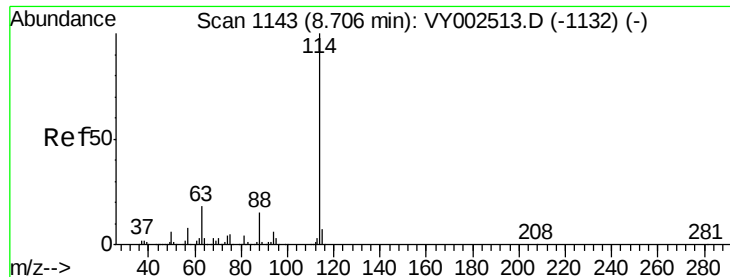
20000

0

8.10 8.20

Time-->

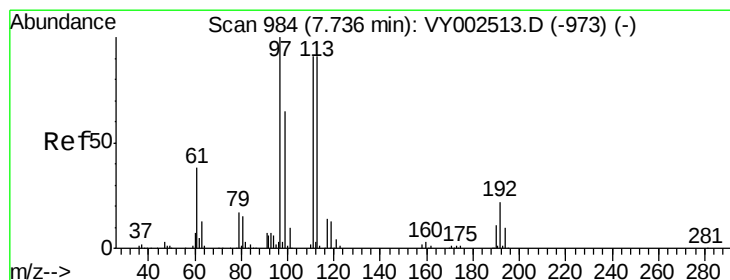
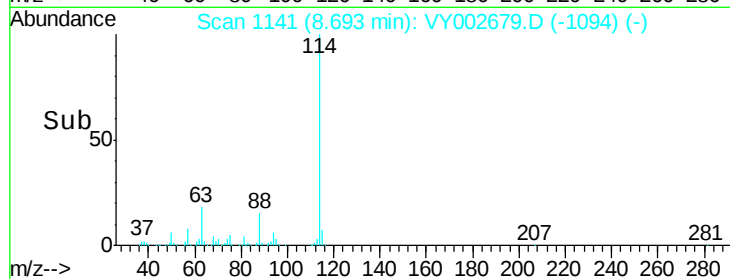
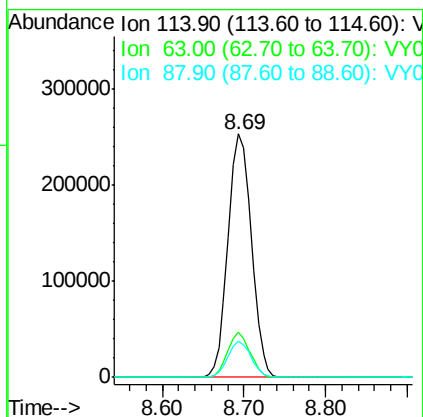
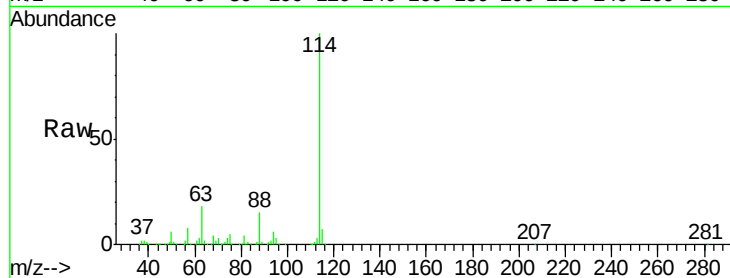




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

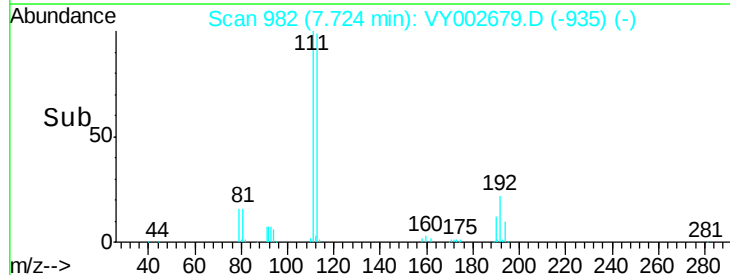
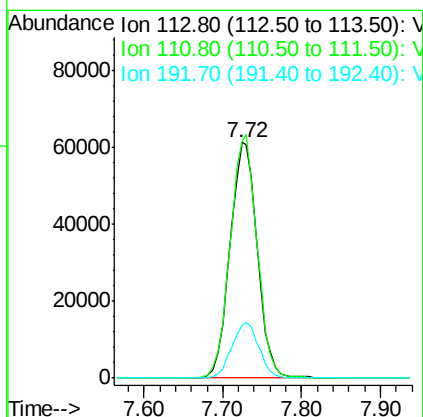
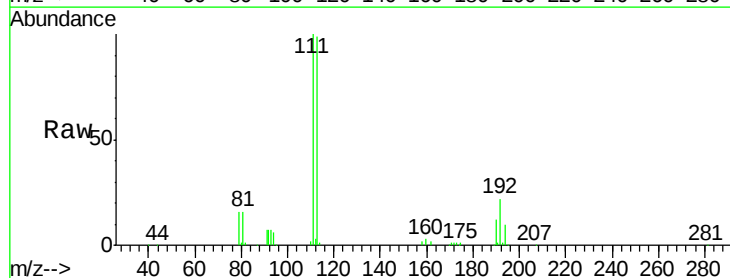
Instrument :
 MSVOA_Y
 ClientSampleId :
 305

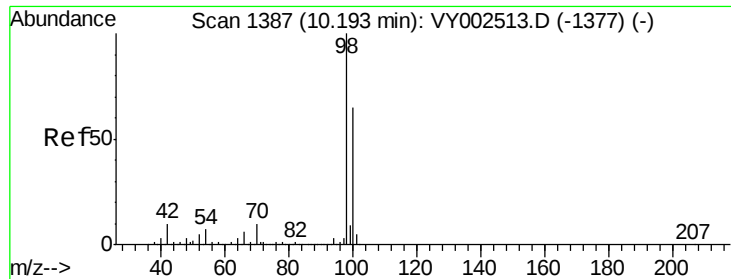
Tot Ion:114 Resp: 499972
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 14.8 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 51.197 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

Tgt Ion:113 Resp: 146391
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 23.5 18.2 27.4





#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Instrument :

MSVOA_Y

ClientSampleId :

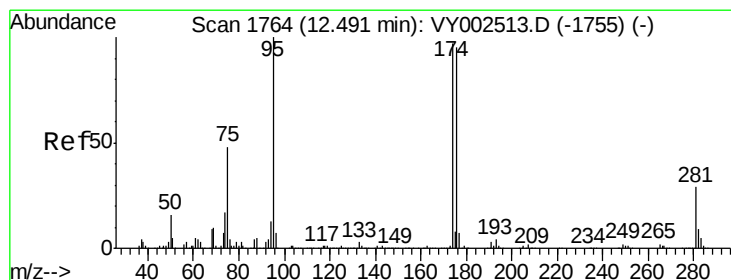
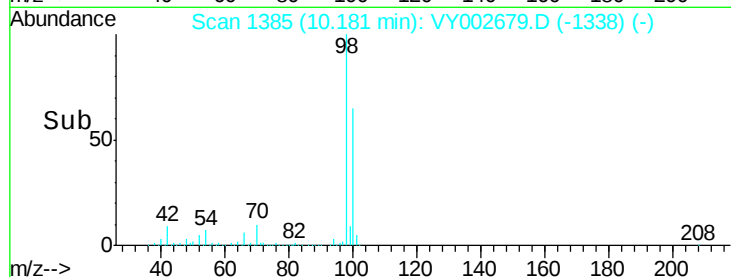
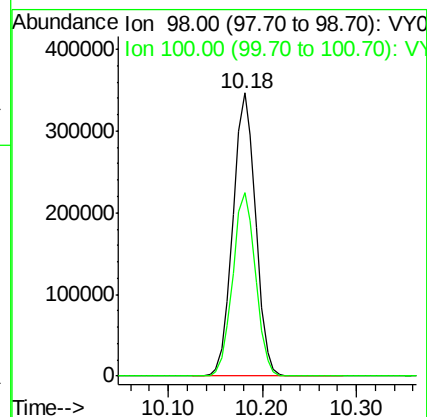
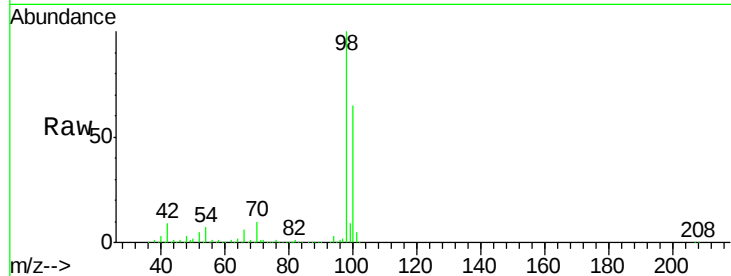
305

Tot Ion: 98 Resp: 579211

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.286 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

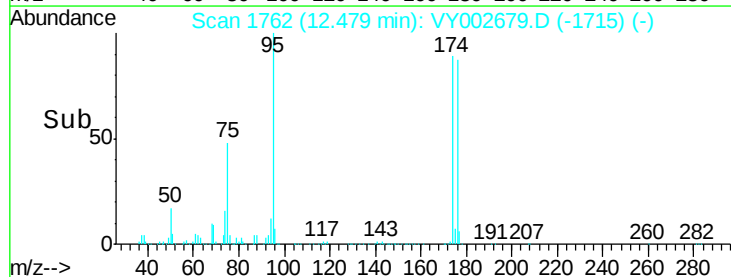
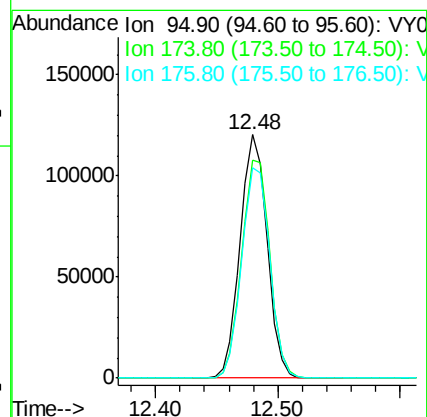
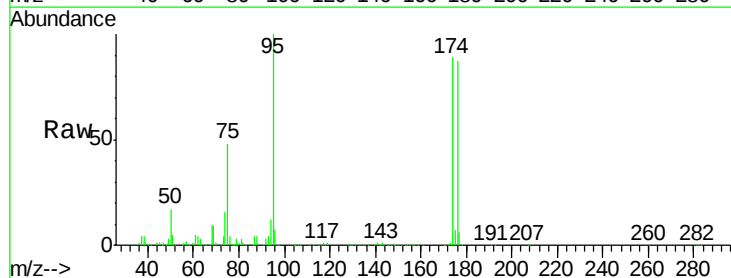
Tgt Ion: 95 Resp: 182953

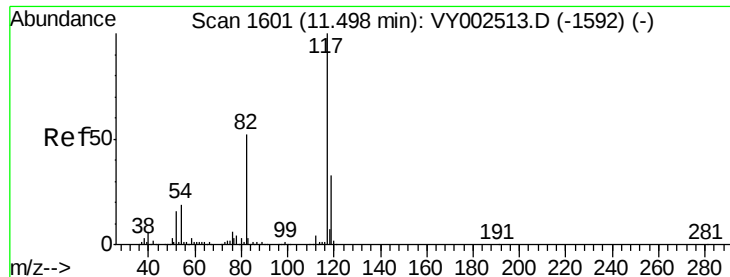
Ion Ratio Lower Upper

95 100

174 93.5 0.0 188.8

176 90.6 0.0 183.2

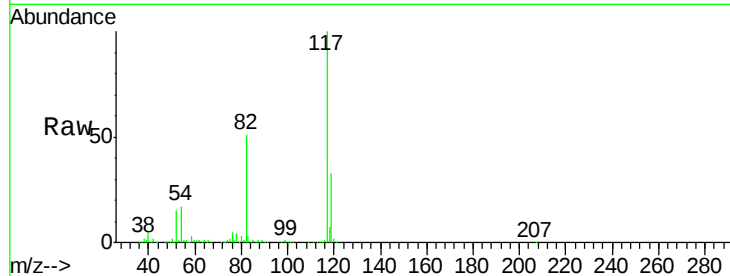




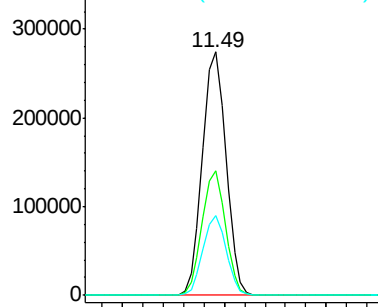
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002679.D
Acq: 13 May 2020 13:10

Instrument :
MSVOA_Y
ClientSampleId :
305

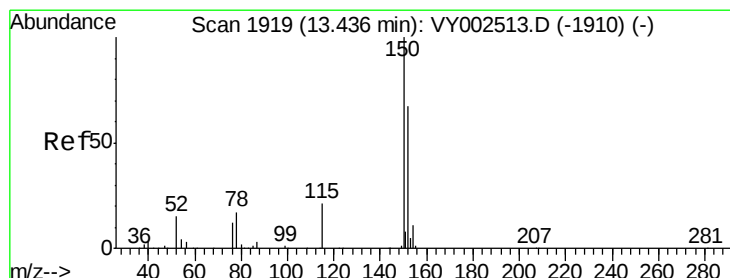
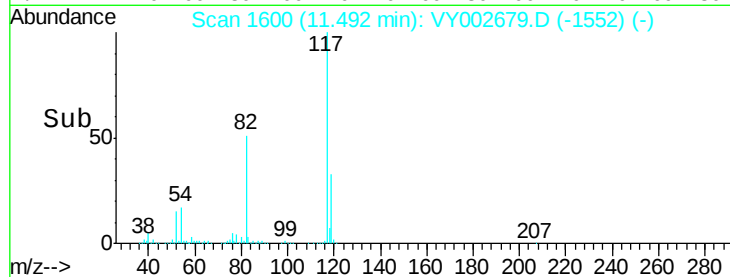
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.3	61.9
119	33.0	26.0	39.0



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

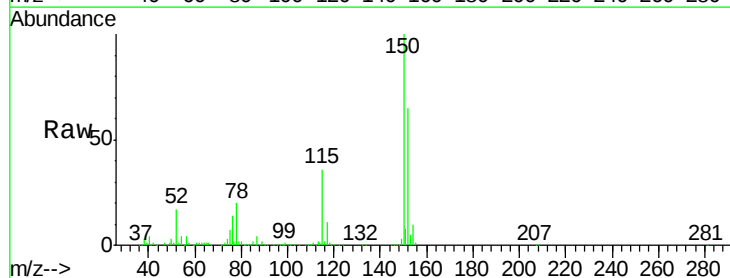


Time-->

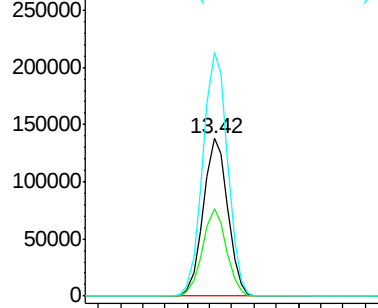


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002679.D
Acq: 13 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.5	82.4
150	156.9	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-->

