

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003203.D
 Acq On : 16 Jul 2020 11:11
 Operator : SY/MD
 Sample : VY0716SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBL01

Quant Time: Jul 17 05:42:06 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	417487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	623729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	563725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	290141	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	187562	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.72	113	176900	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.18	98	654088	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.48	95	230198	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

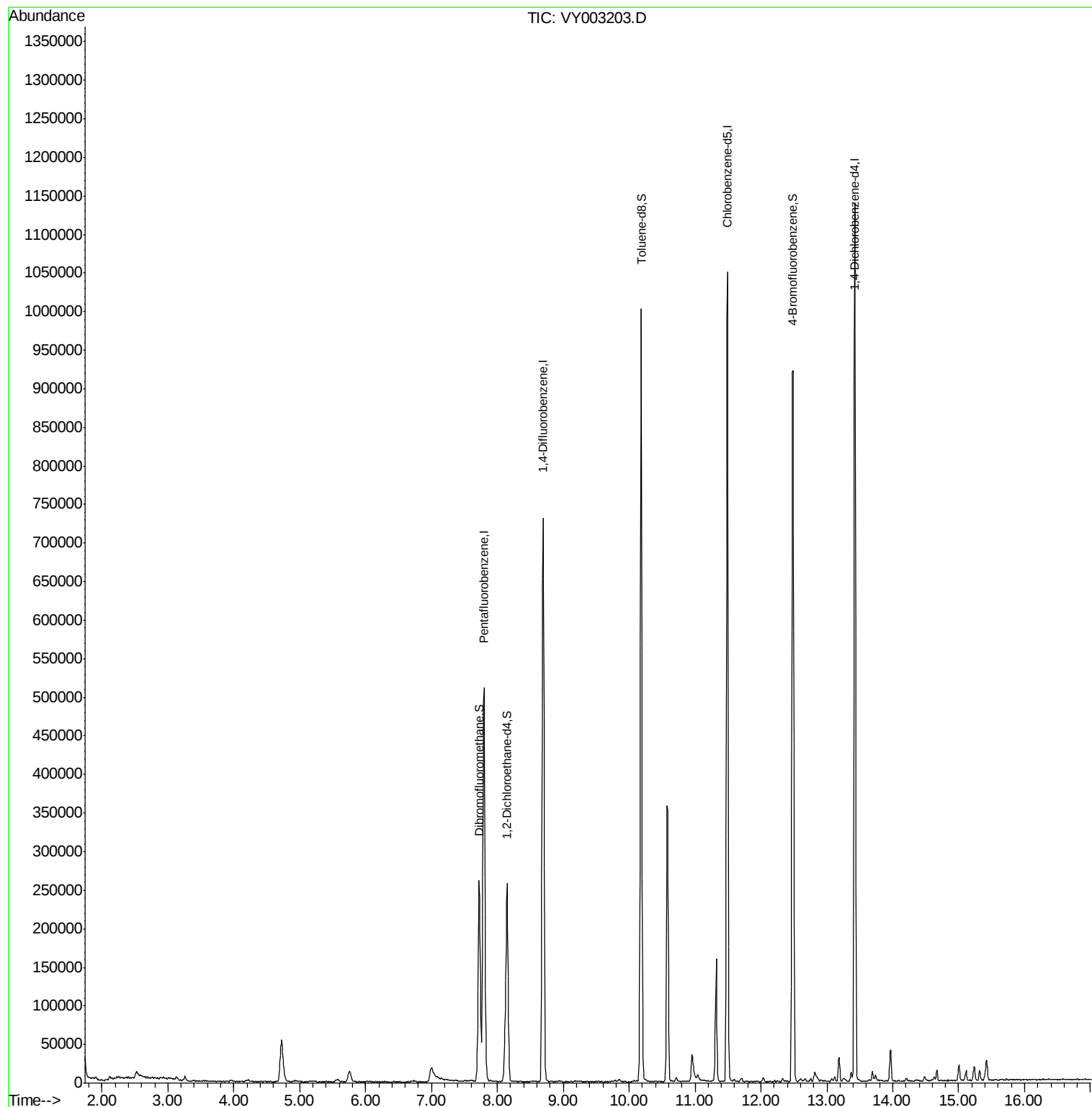
Target Compounds	Qvalue

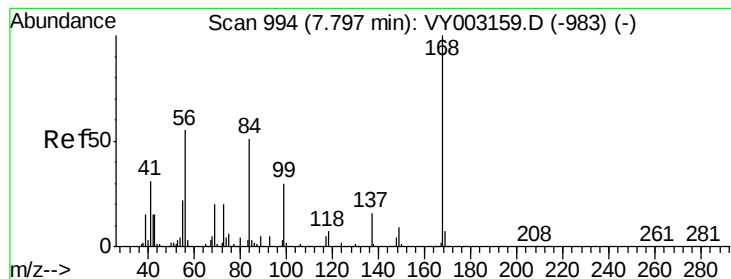
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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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: VY003203.D

Acq: 16 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

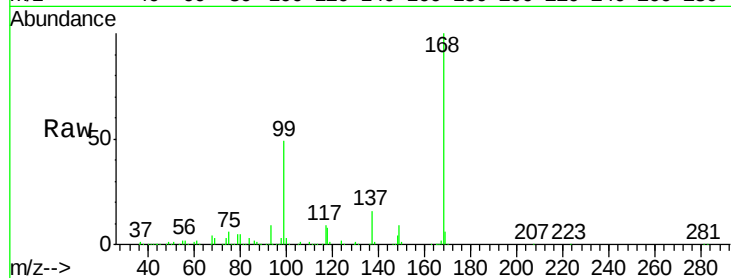
VY0716SBL01

Tot Ion:168 Resp: 417487

Ion Ratio Lower Upper

168 100

99 48.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

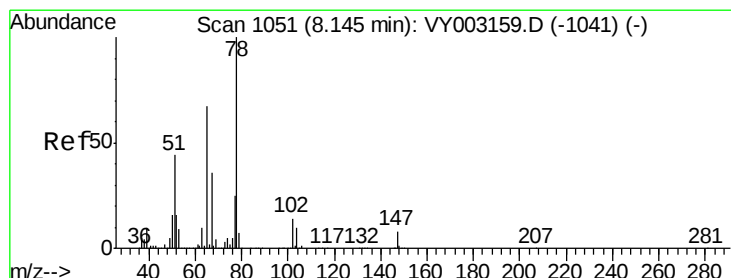
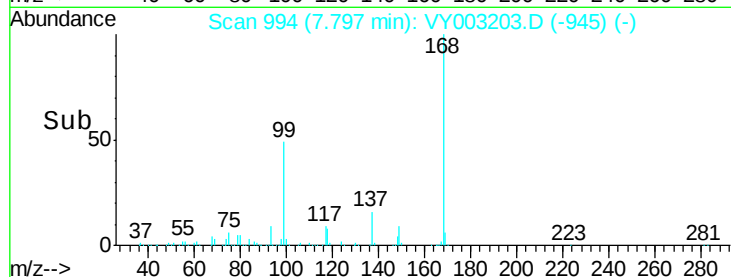
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.228 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003203.D

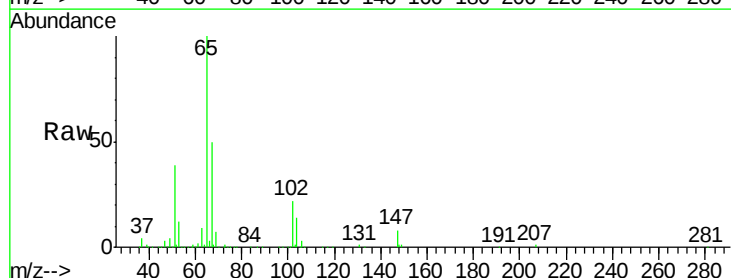
Acq: 16 Jul 2020 11:11

Tgt Ion: 65 Resp: 187562

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003159.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003159.D (-1041) (-)

8.15

100000

80000

60000

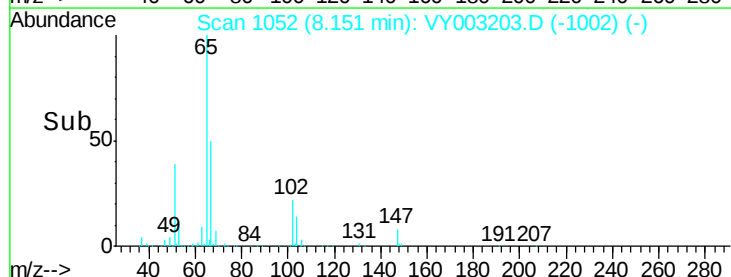
40000

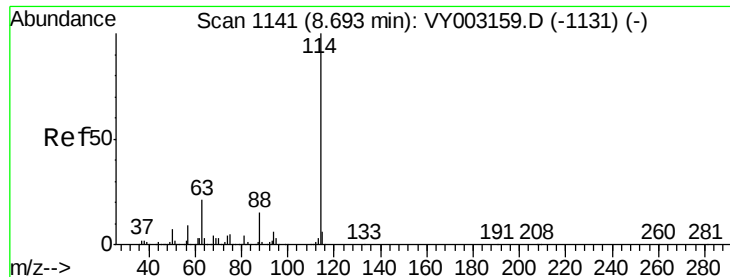
20000

0

8.10 8.20

Time-->

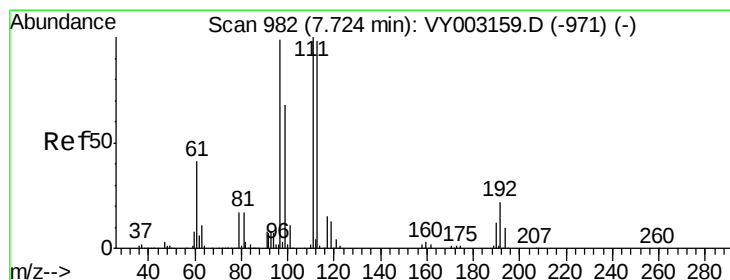
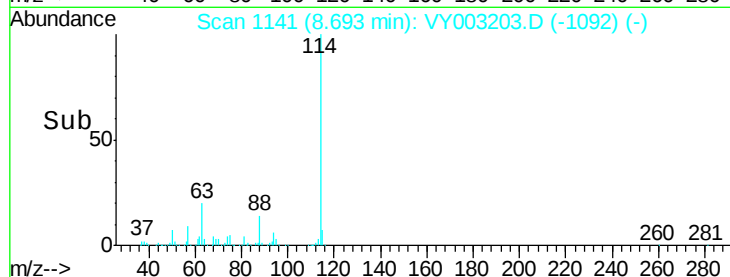
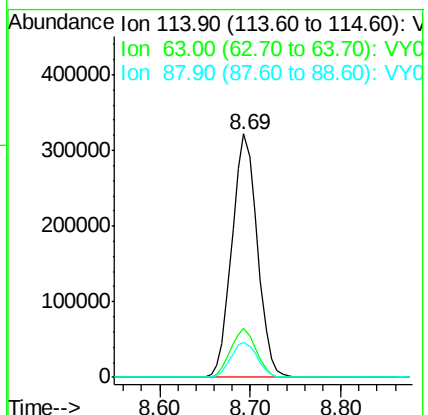
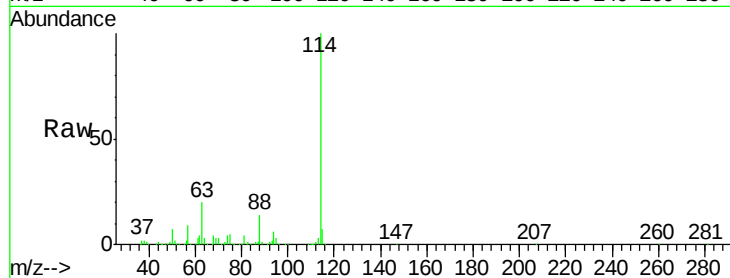




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003203.D
Acq: 16 Jul 2020 11:11

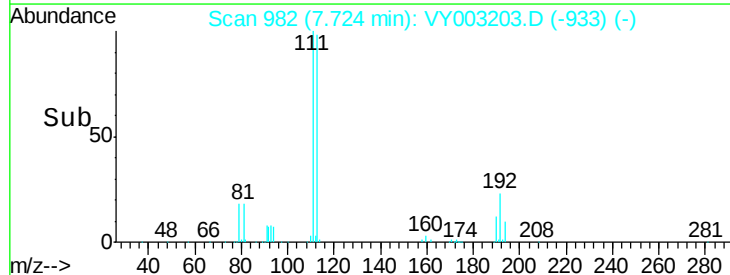
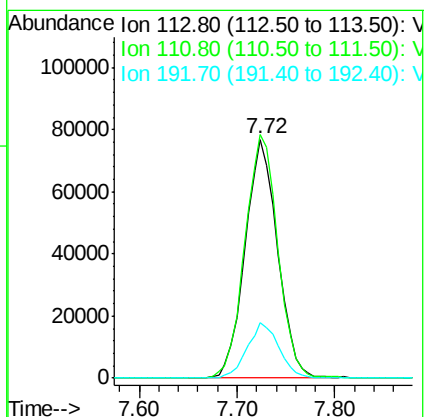
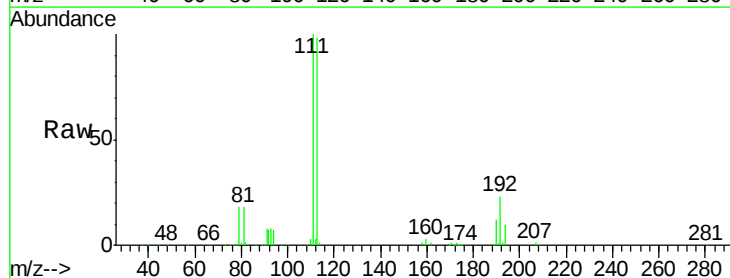
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBL01

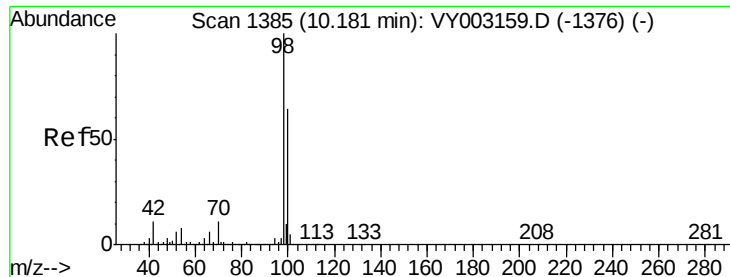
Tot Ion:114 Resp: 623729
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.2
88 14.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.284 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003203.D
Acq: 16 Jul 2020 11:11

Tgt Ion:113 Resp: 176900
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 22.6 18.8 28.2





#50

Toluene-d8

Concen: 49.014 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003203.D

Acq: 16 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

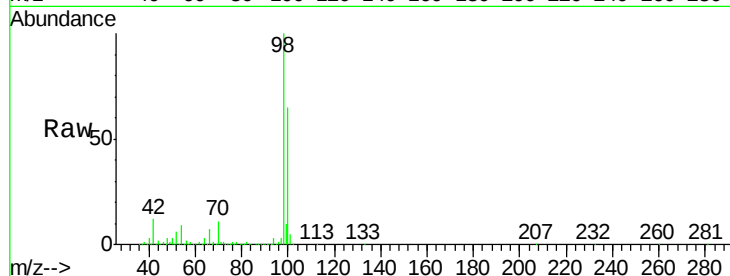
VY0716SBL01

Tot Ion: 98 Resp: 654088

Ion Ratio Lower Upper

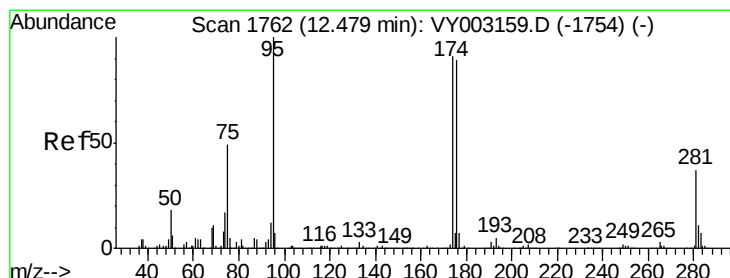
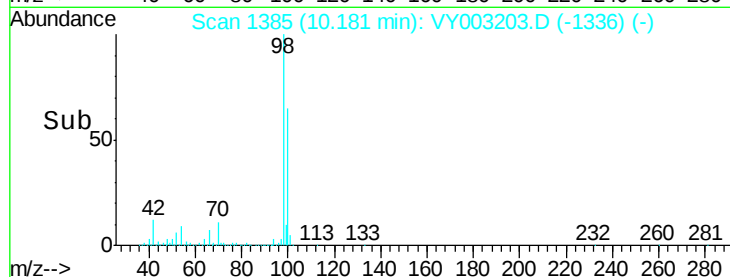
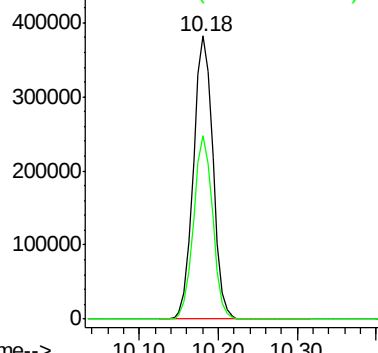
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.749 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003203.D

Acq: 16 Jul 2020 11:11

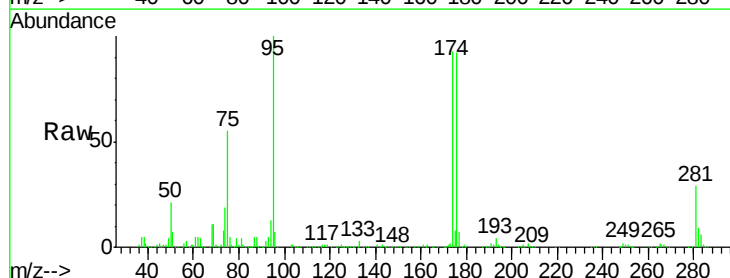
Tgt Ion: 95 Resp: 230198

Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.6

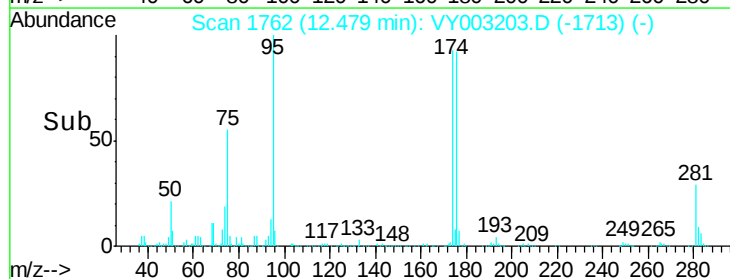
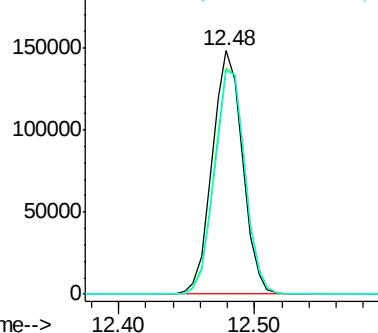
176 92.4 0.0 186.4

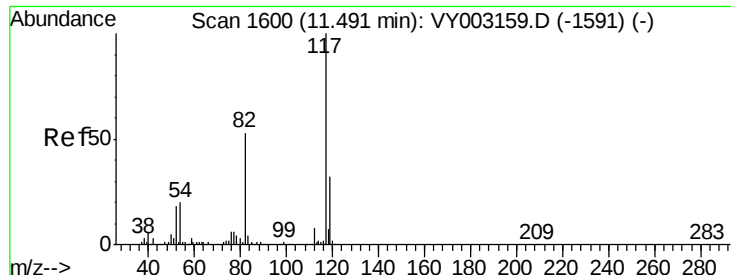


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

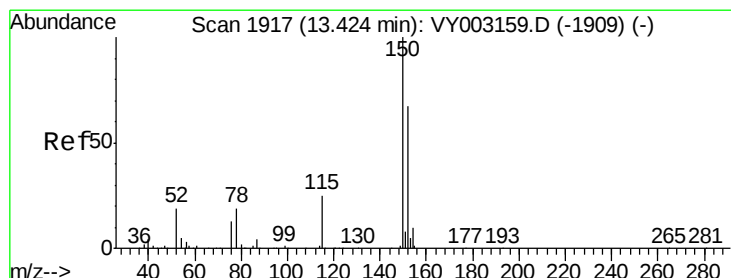
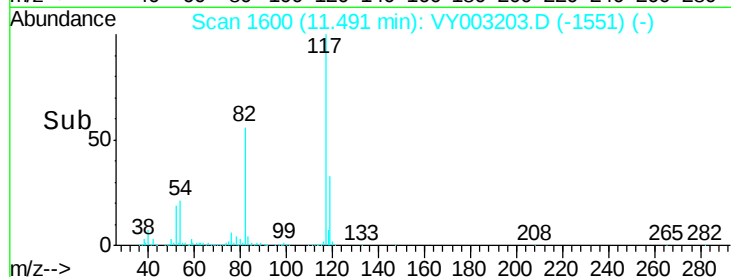
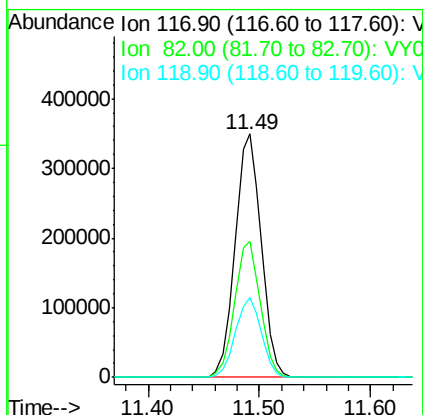
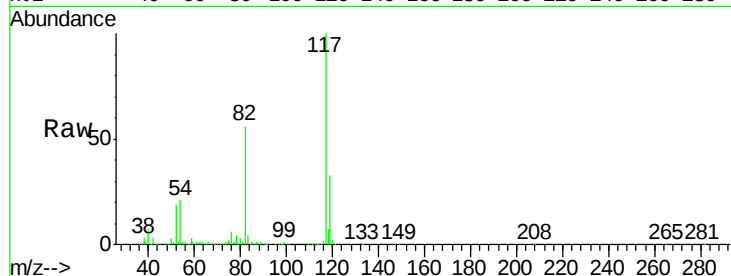




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003203.D
Acq: 16 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBL01

Tot Ion:117 Resp: 563725
Ion Ratio Lower Upper
117 100
82 55.9 42.0 63.0
119 32.7 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: VY003203.D
Acq: 16 Jul 2020 11:11

Tgt Ion:152 Resp: 290141
Ion Ratio Lower Upper
152 100
115 54.7 26.9 80.7
150 155.9 0.0 338.0

