

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003309.D
 Acq On : 23 Jul 2020 11:56
 Operator : SY/MD
 Sample : VY0723SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBL01

Quant Time: Jul 24 05:12:48 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	404533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	635638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	282256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	204509	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
35) Dibromofluoromethane	7.72	113	198281	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.18	98	762799	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.48	95	248038	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

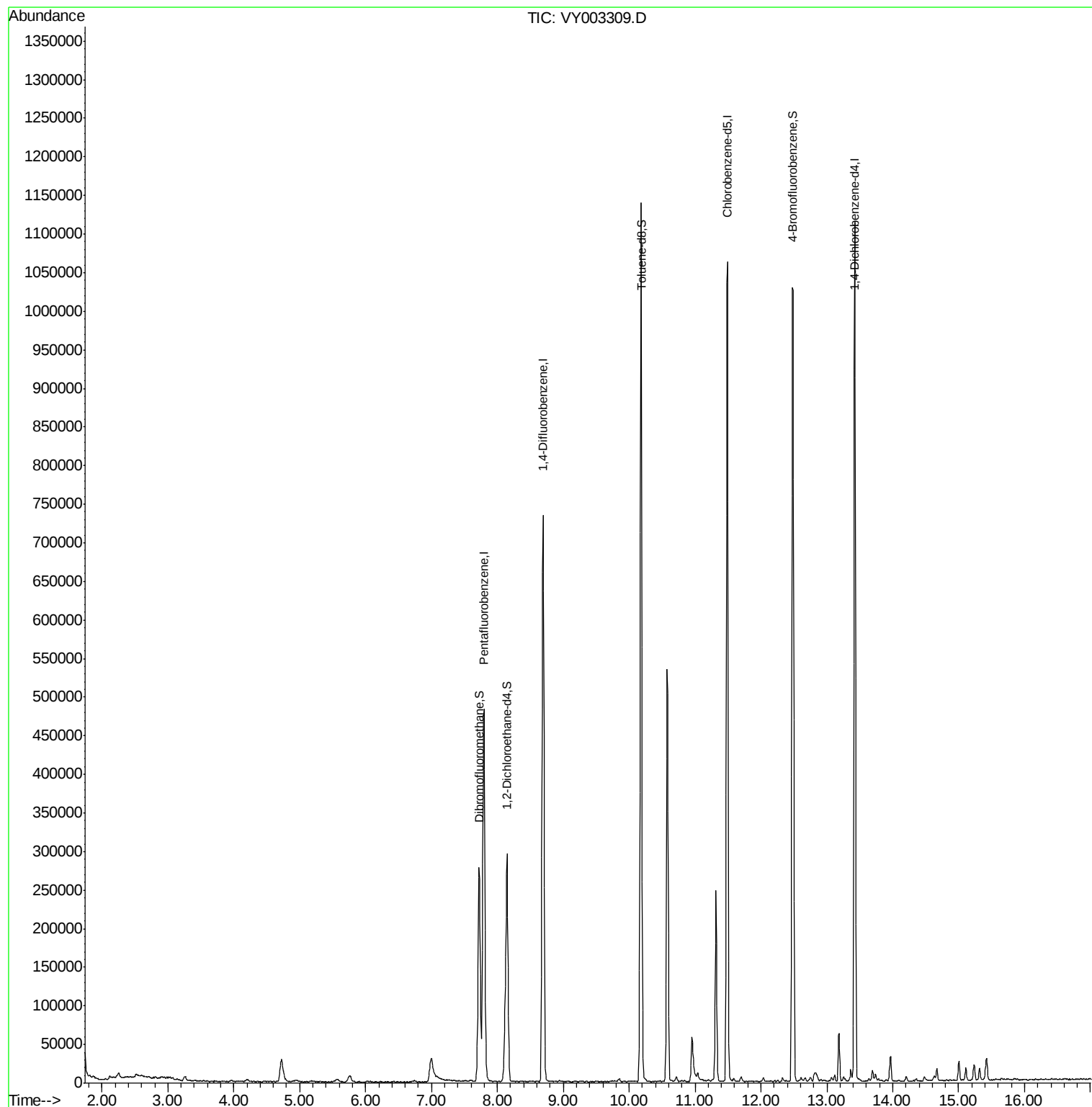
Target Compounds	Qvalue
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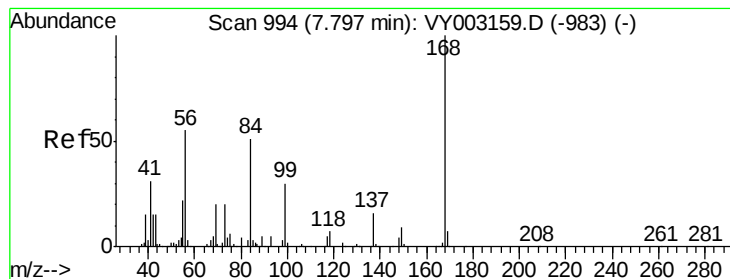
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003309.D

Acq: 23 Jul 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

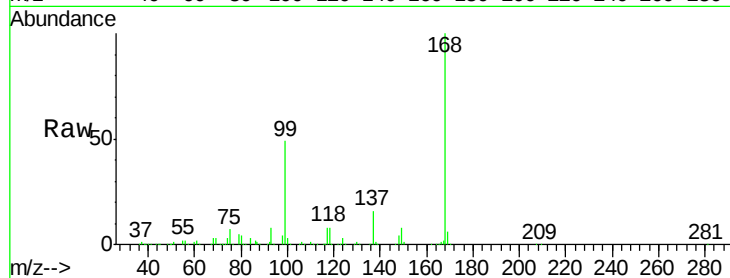
VY0723SBL01

Tot Ion:168 Resp: 404533

Ion Ratio Lower Upper

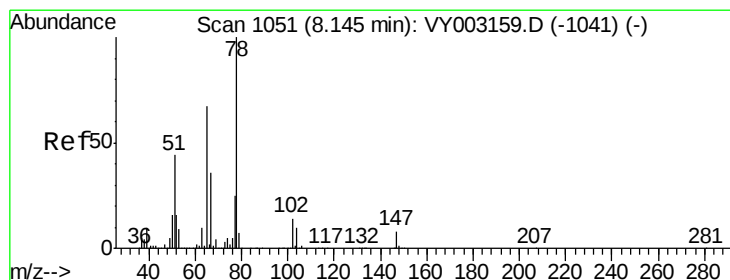
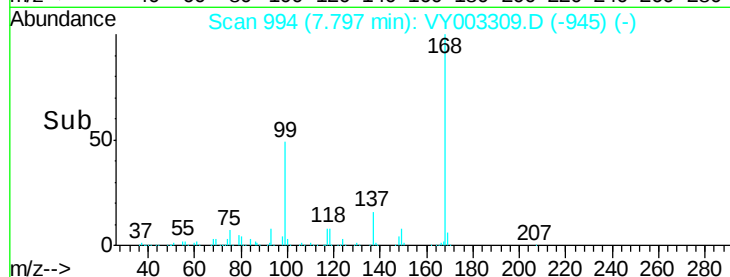
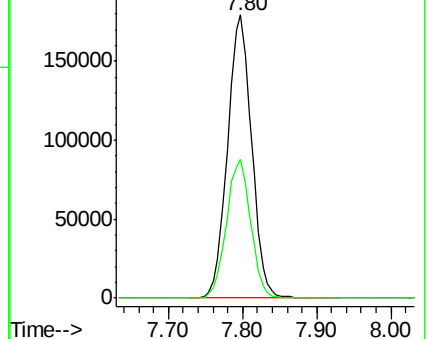
168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003309.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003309.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.896 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003309.D

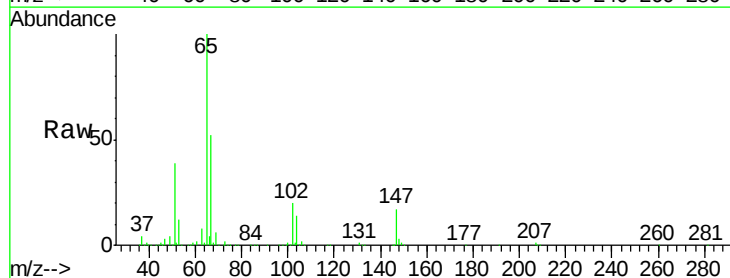
Acq: 23 Jul 2020 11:56

Tgt Ion: 65 Resp: 204509

Ion Ratio Lower Upper

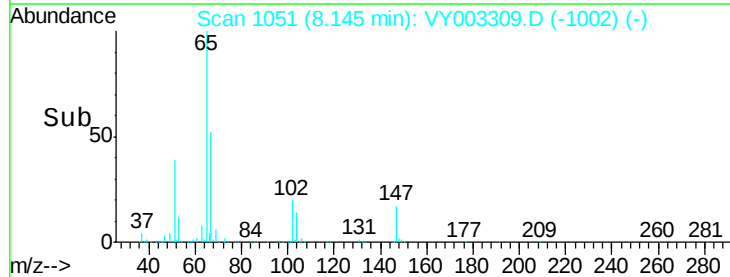
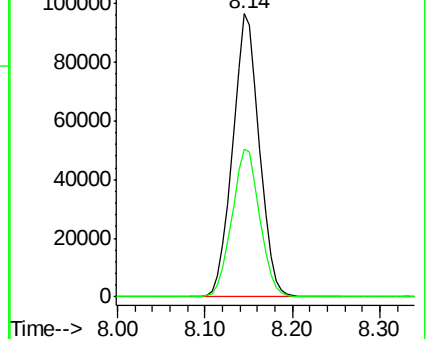
65 100

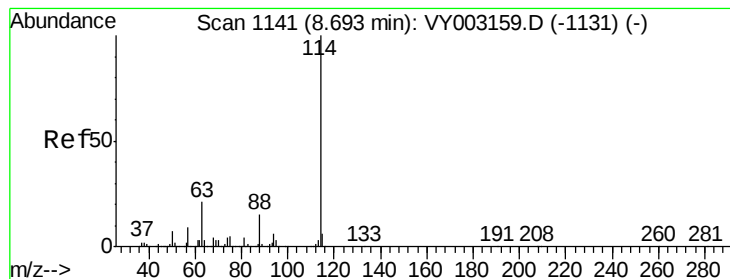
67 54.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003309.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003309.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003309.D

Acq: 23 Jul 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBL01

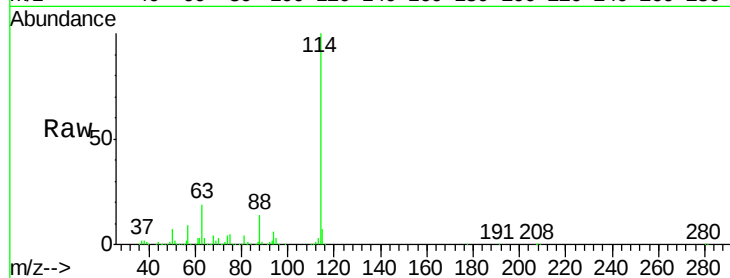
Tot Ion:114 Resp: 635638

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.2

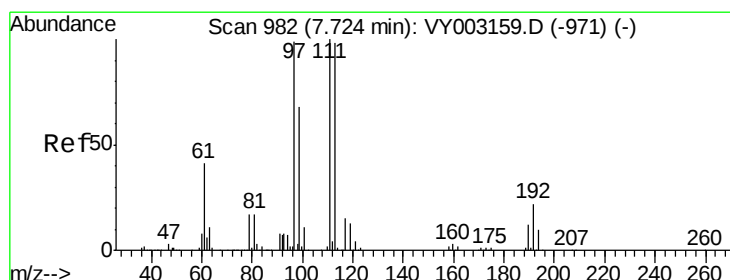
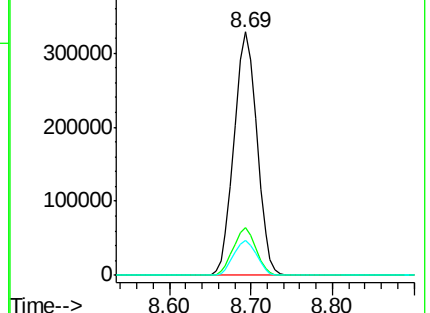
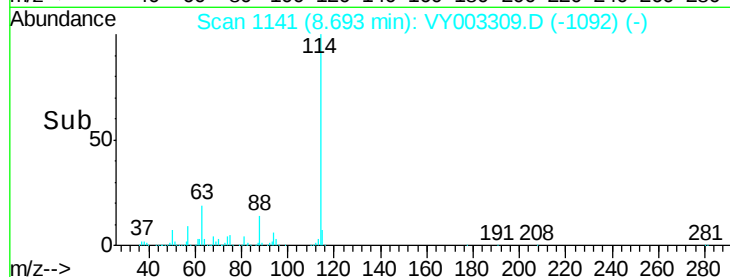
88 14.4 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 54.206 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003309.D

Acq: 23 Jul 2020 11:56

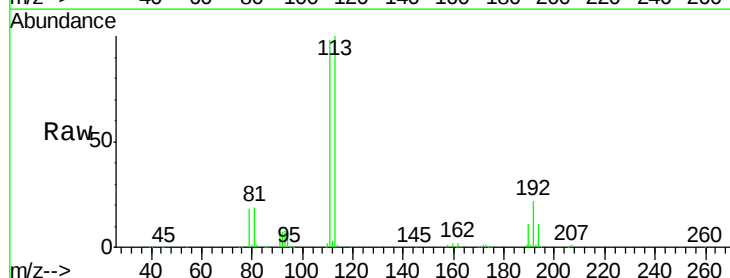
Tgt Ion:113 Resp: 198281

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

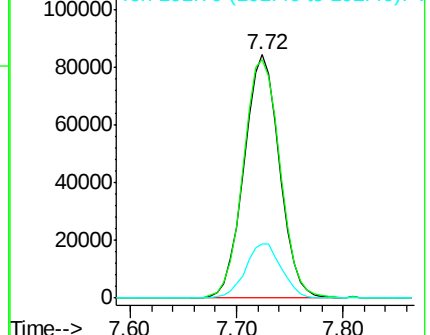
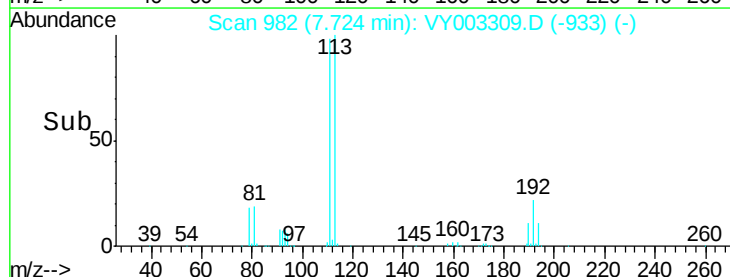
192 22.9 18.8 28.2

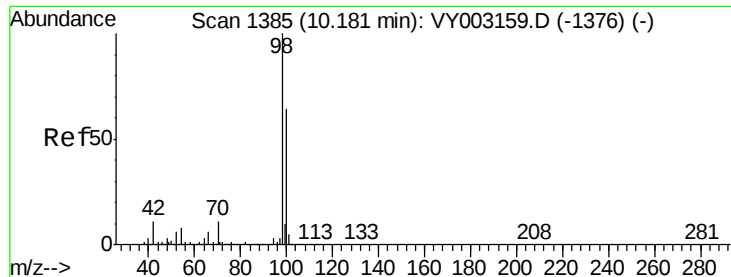


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.090 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003309.D

Acq: 23 Jul 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

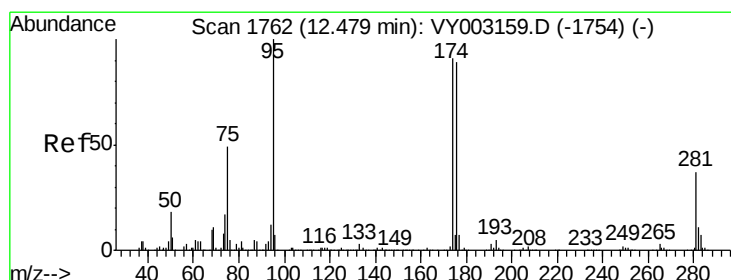
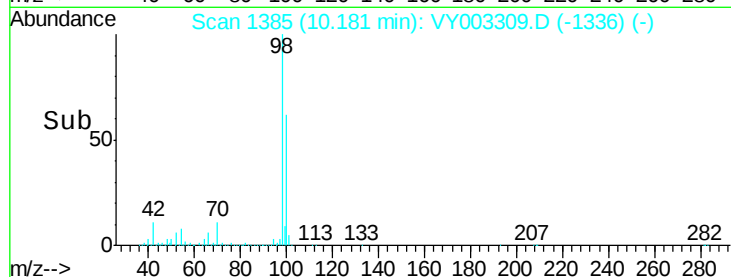
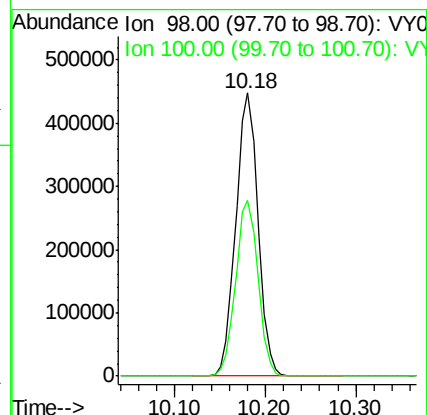
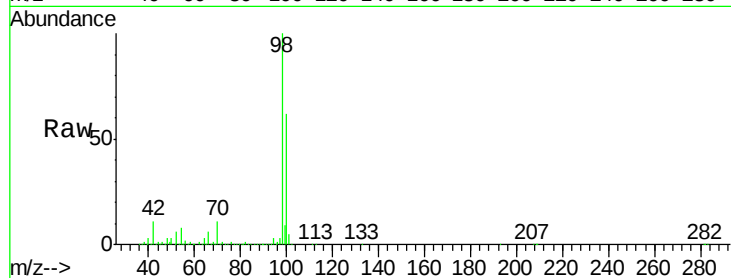
VY0723SBL01

Tot Ion: 98 Resp: 762799

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003309.D

Acq: 23 Jul 2020 11:56

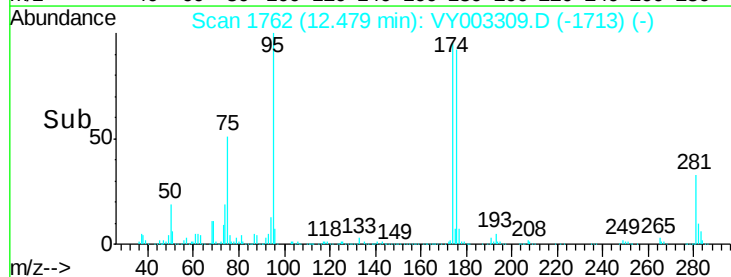
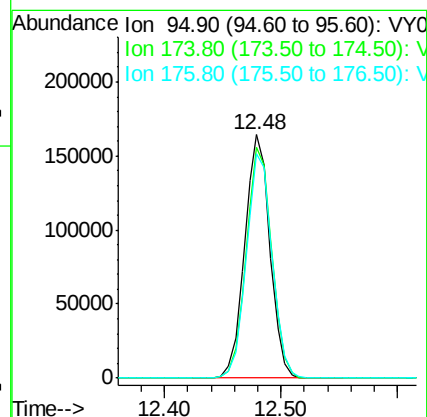
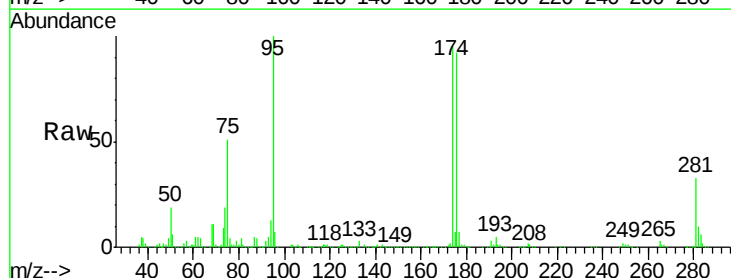
Tgt Ion: 95 Resp: 248038

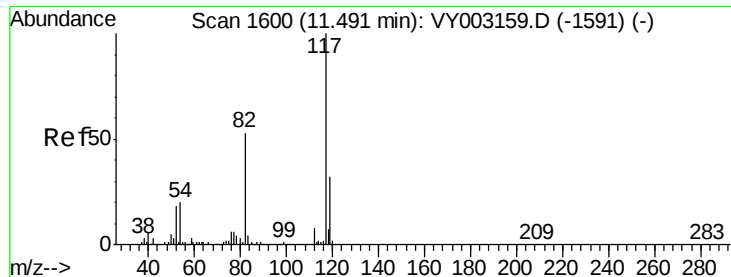
Ion Ratio Lower Upper

95 100

174 96.0 0.0 190.6

176 93.7 0.0 186.4

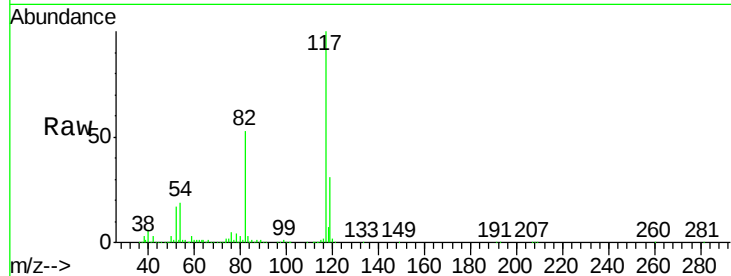




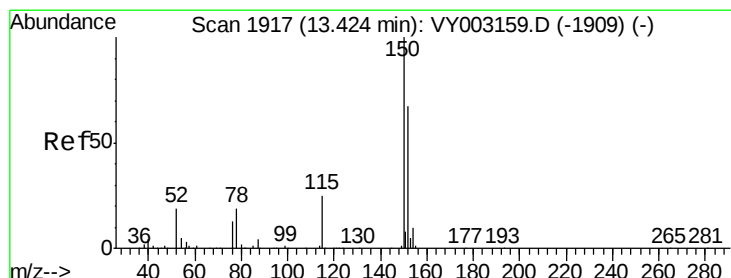
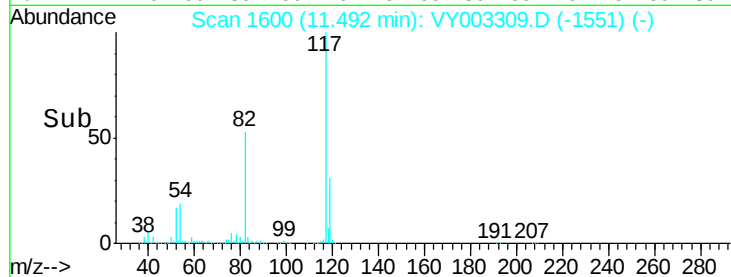
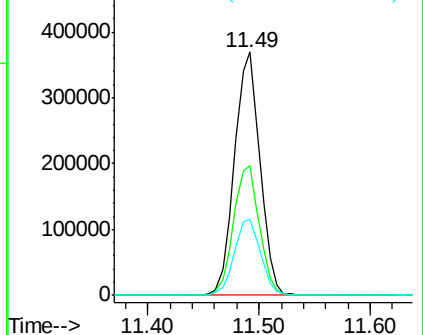
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003309.D
Acq: 23 Jul 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBL01

Tot Ion:117 Resp: 584390
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 31.4 25.5 38.3

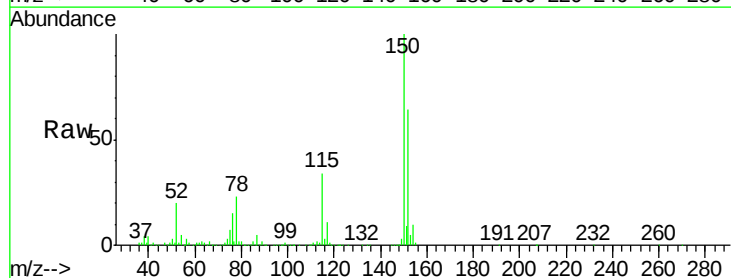


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003309.D
Acq: 23 Jul 2020 11:56

Tgt Ion:152 Resp: 282256
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 159.0 0.0 338.0



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

