

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003295.D
 Acq On : 22 Jul 2020 17:57
 Operator : SY/MD
 Sample : L3308-11
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Jul 23 06:23:47 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	381500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	555630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	275849	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	191414	59.45	ug/l	0.00
Spiked Amount			Recovery	=	118.90%	
35) Dibromofluoromethane	7.72	113	185077	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
50) Toluene-d8	10.18	98	728480	57.60	ug/l	0.00
Spiked Amount			Recovery	=	115.20%	
62) 4-Bromofluorobenzene	12.48	95	235109	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

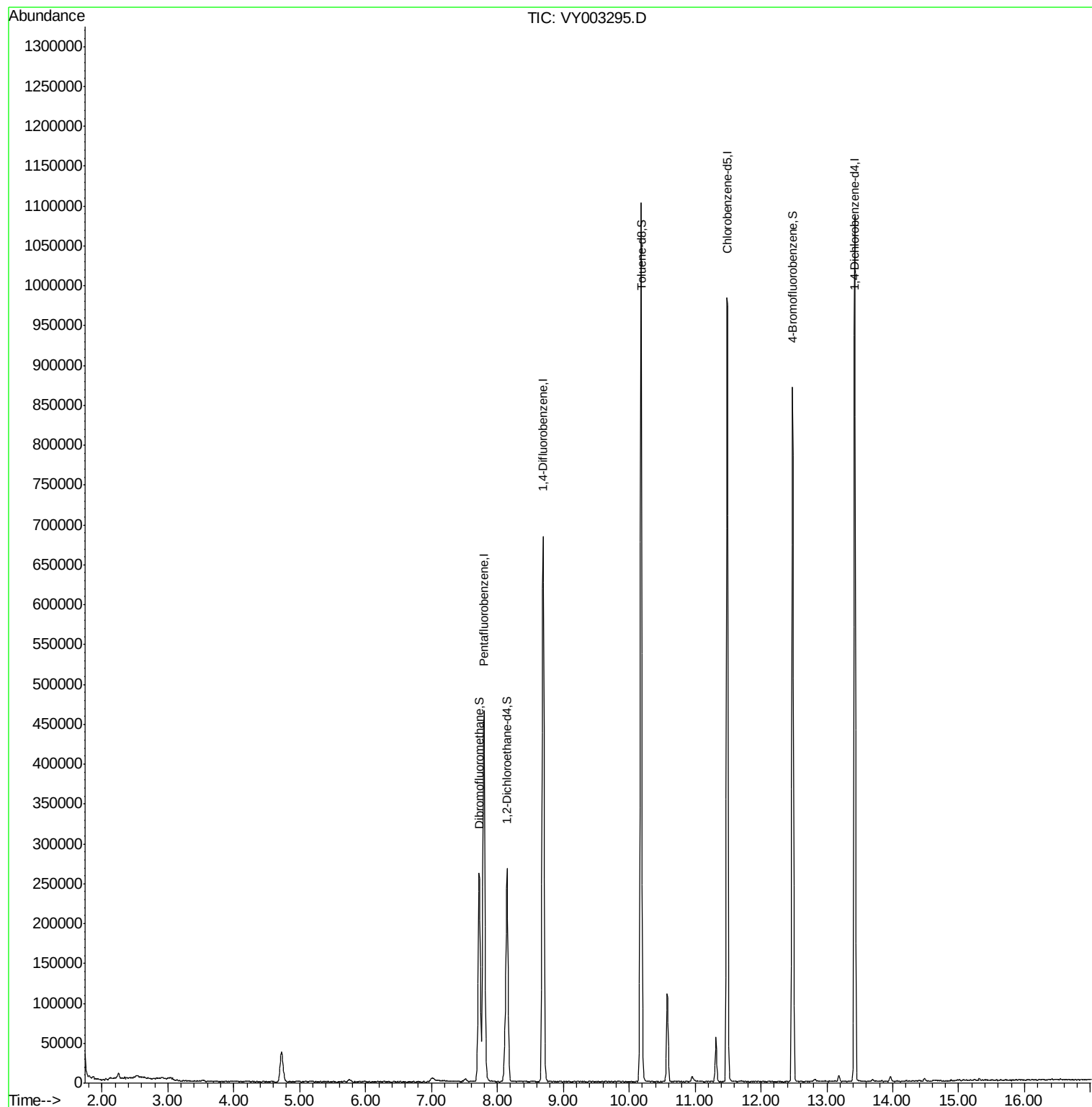
Target Compounds	Qvalue
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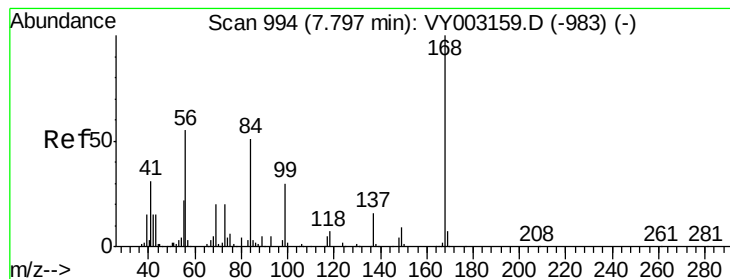
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampled :

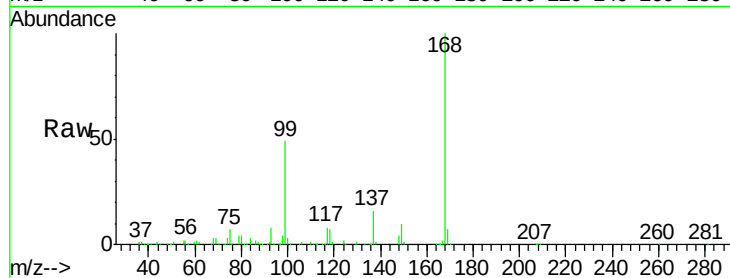
11

Tot Ion:168 Resp: 381500

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003295.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003295.D (-945) (-)

7.80

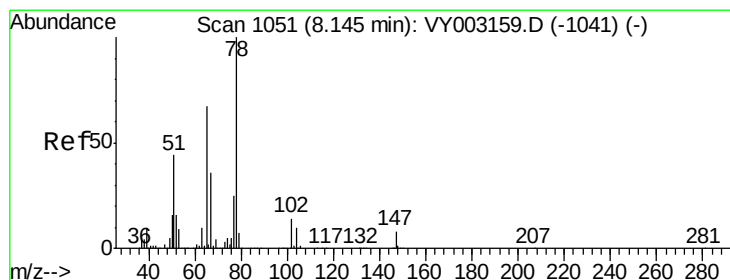
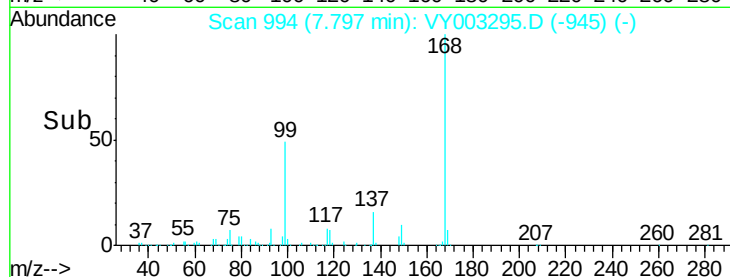
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.446 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003295.D

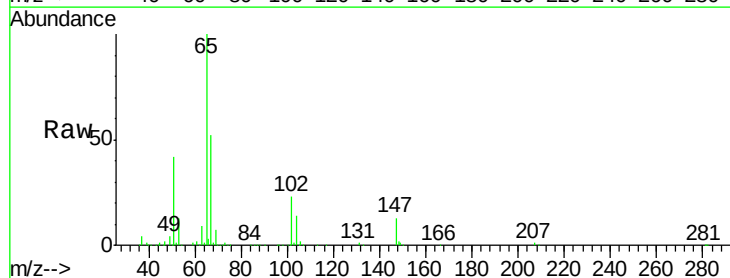
Acq: 22 Jul 2020 17:57

Tgt Ion: 65 Resp: 191414

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003295.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003295.D (-1002) (-)

8.14

100000

80000

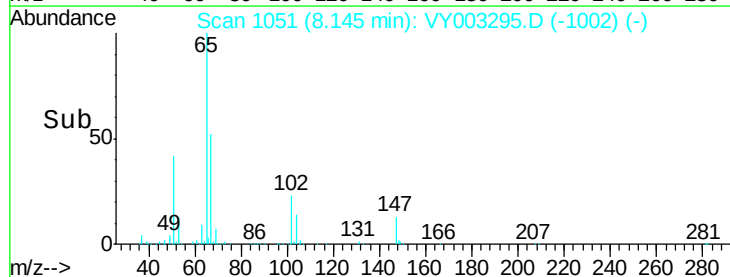
60000

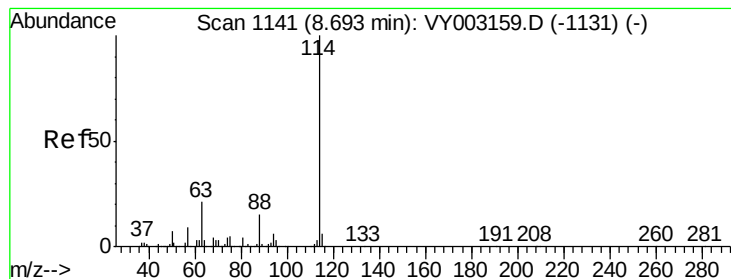
40000

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: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

11

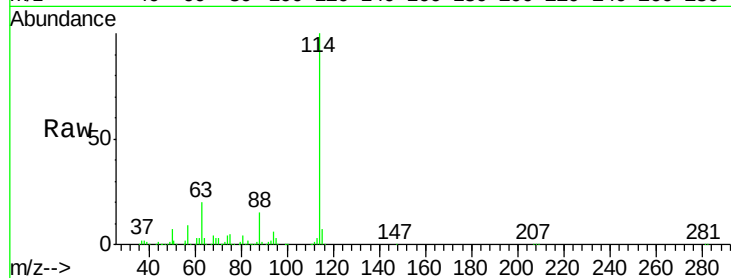
Tot Ion:114 Resp: 591145

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

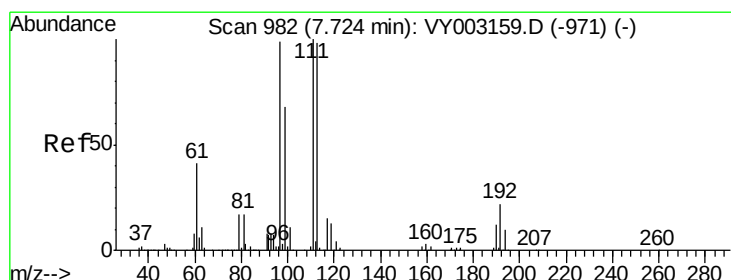
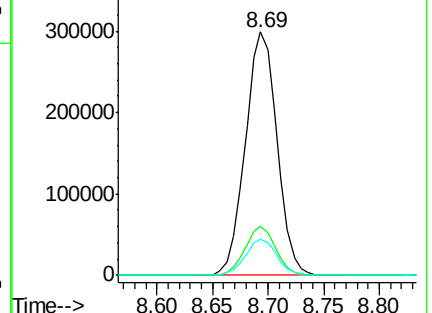
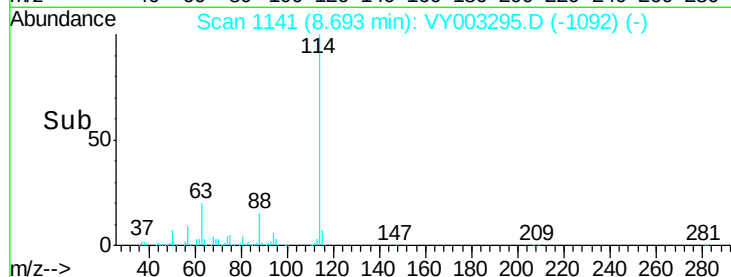
88 14.7 0.0 30.2



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: 54.404 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

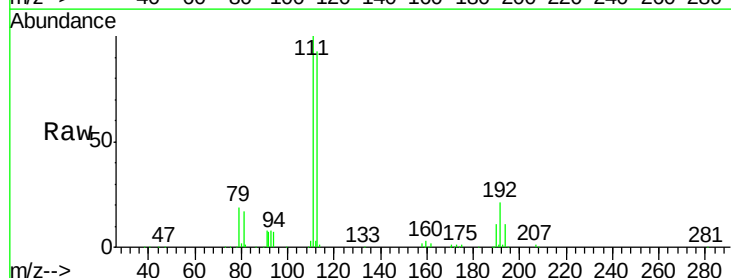
Tgt Ion:113 Resp: 185077

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

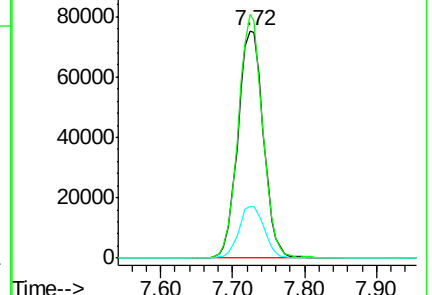
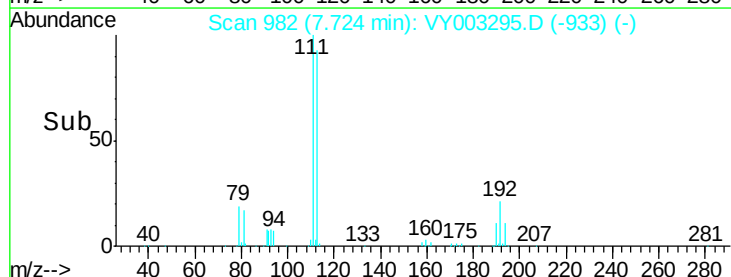
192 22.7 18.8 28.2

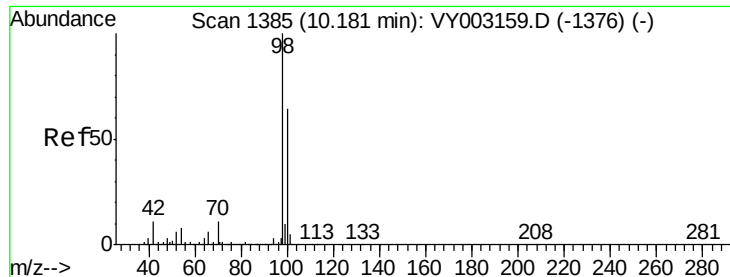


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.598 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

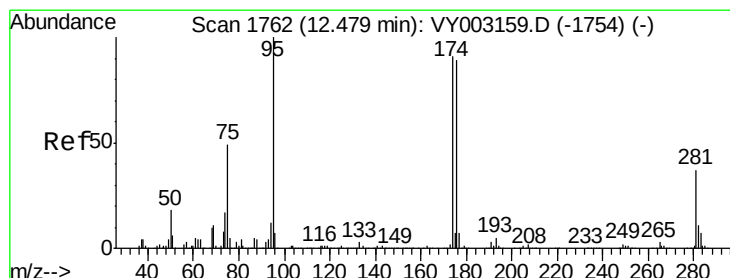
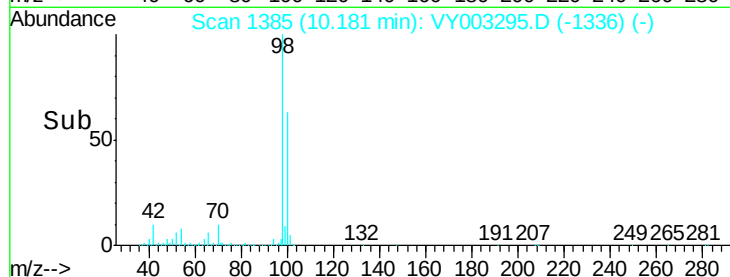
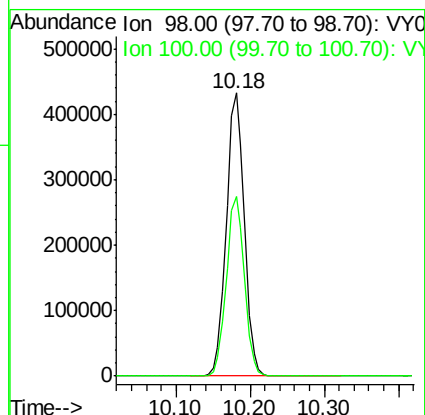
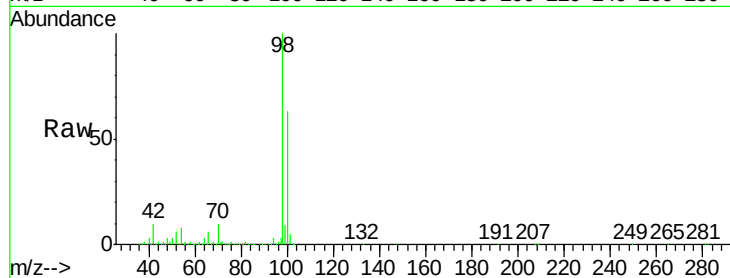
11

Tot Ion: 98 Resp: 728480

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.456 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

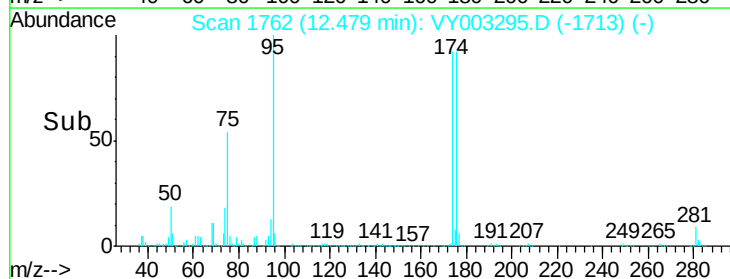
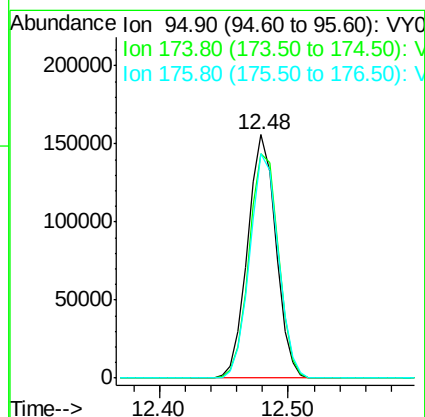
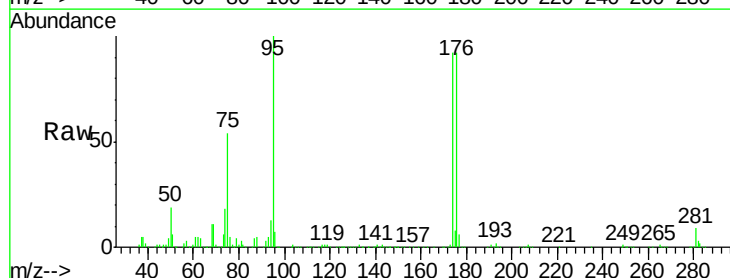
Tgt Ion: 95 Resp: 235109

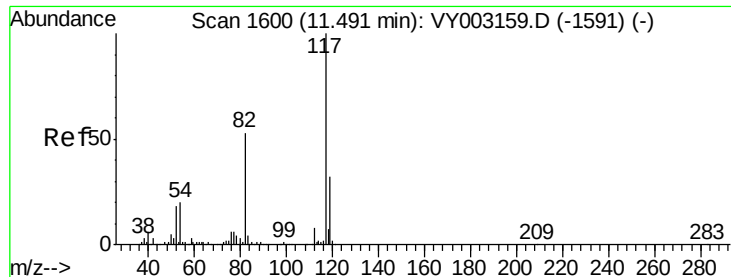
Ion Ratio Lower Upper

95 100

174 95.7 0.0 190.6

176 92.8 0.0 186.4

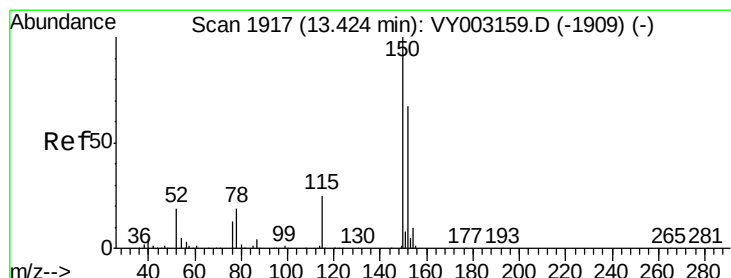
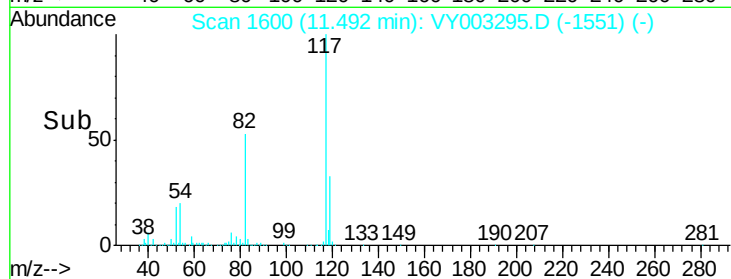
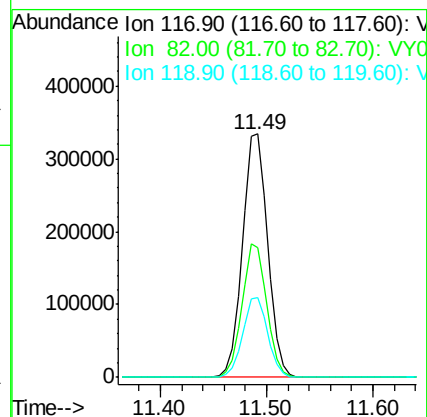
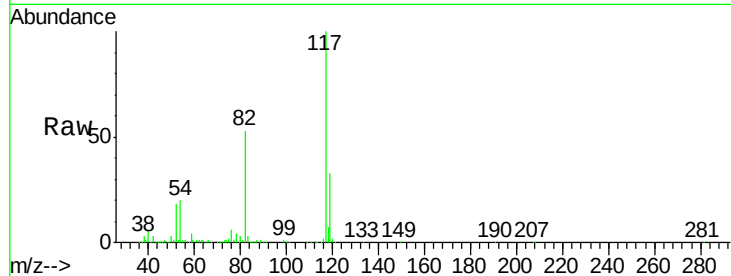




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
11

Tot Ion:117 Resp: 555630
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 33.0 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: VY003295.D
Acq: 22 Jul 2020 17:57

Tgt Ion:152 Resp: 275849
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 158.2 0.0 338.0

