

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002772.D
 Acq On : 27 May 2020 18:27
 Operator : SY/MD
 Sample : L2771-08
 Misc : 6.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISLAND-BETWEEN-G-H-4

Quant Time: May 28 06:19:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	425365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	212036	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	138698	55.88	ug/l	0.00
Spiked Amount			Recovery	=	111.76%	
35) Dibromofluoromethane	7.72	113	141387	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	10.18	98	540774	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.48	95	182711	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

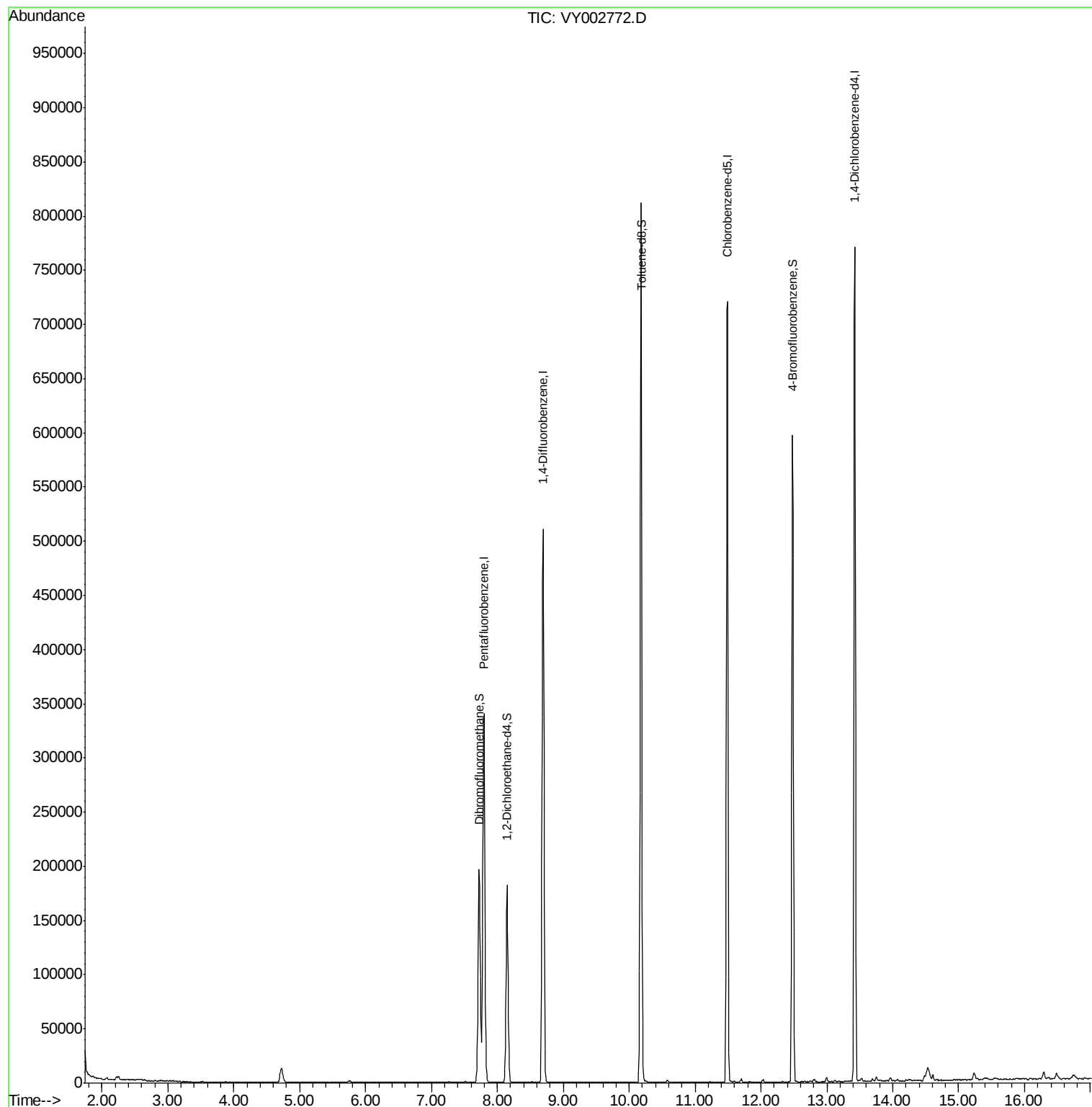
Target Compounds	Qvalue
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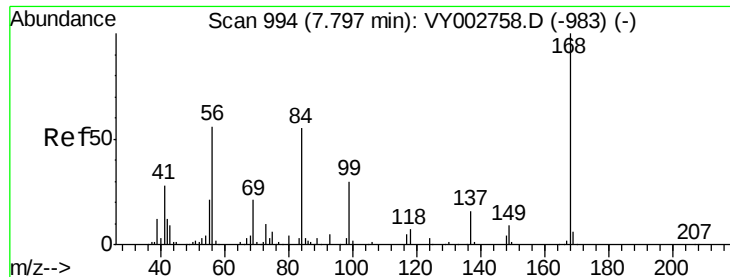
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002772.D

Acq: 27 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

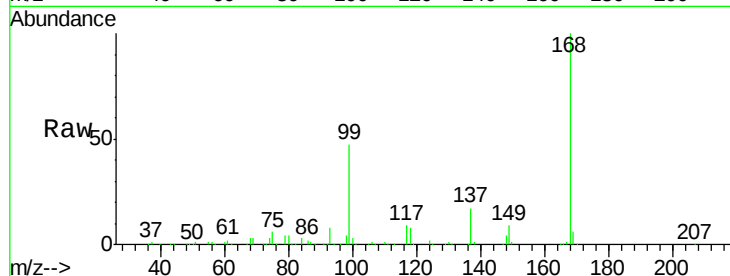
ISLAND-BETWEEN-G-H-4

Tot Ion:168 Resp: 285873

Ion Ratio Lower Upper

168 100

99 47.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002772.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002772.D (-945) (-)

7.80

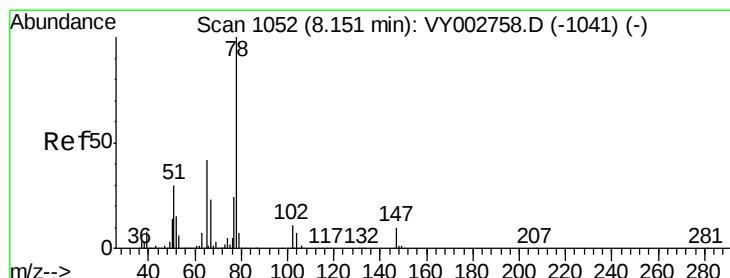
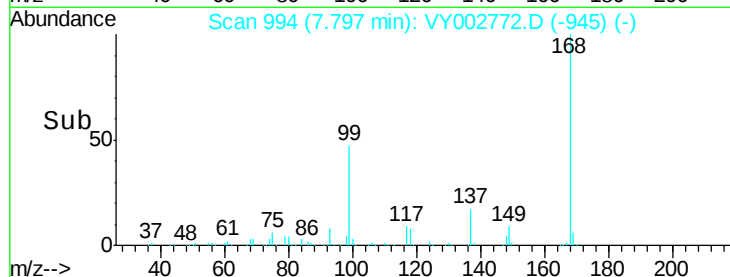
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.878 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002772.D

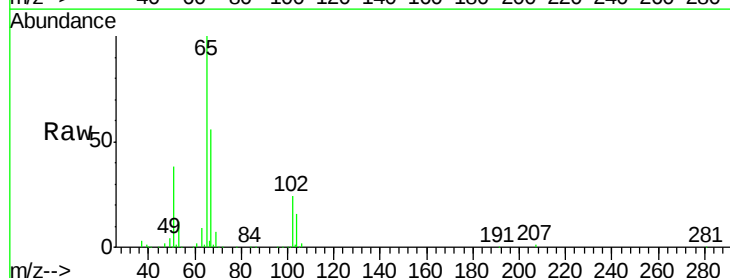
Acq: 27 May 2020 18:27

Tgt Ion: 65 Resp: 138698

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002772.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002772.D (-1003) (-)

8.14

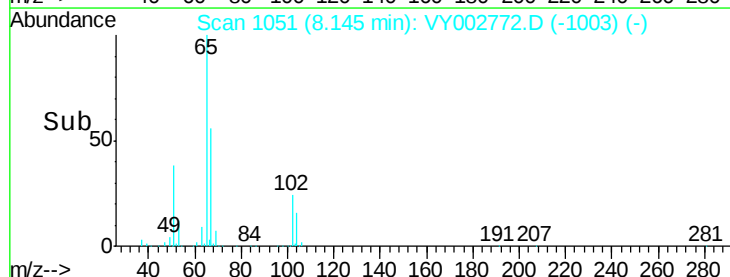
60000

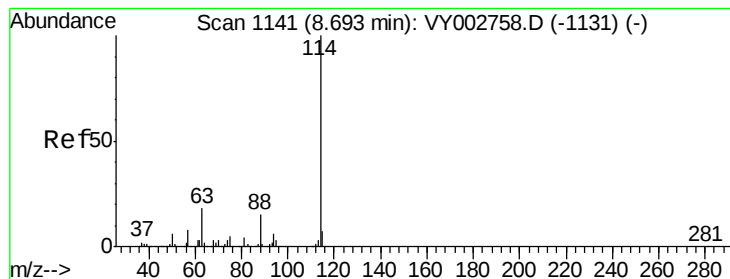
40000

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: VY002772.D

Acq: 27 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

ISLAND-BETWEEN-G-H-4

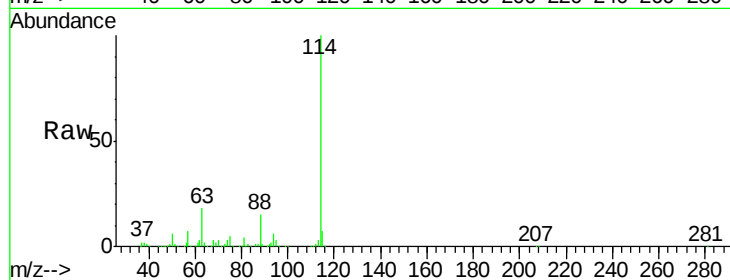
Tot Ion:114 Resp: 459725

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

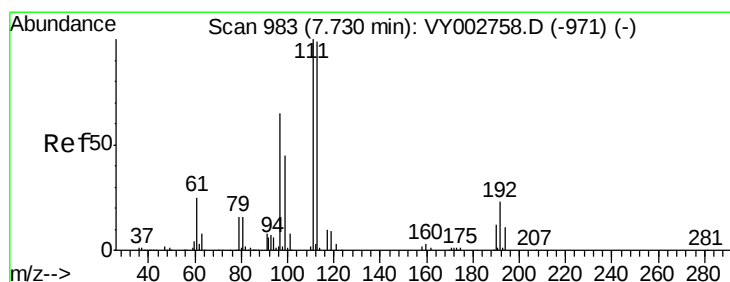
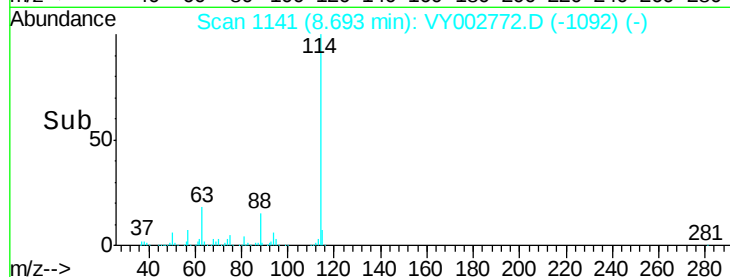
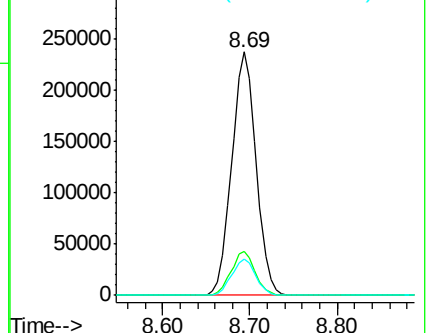
88 15.2 0.0 29.2



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: 52.478 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002772.D

Acq: 27 May 2020 18:27

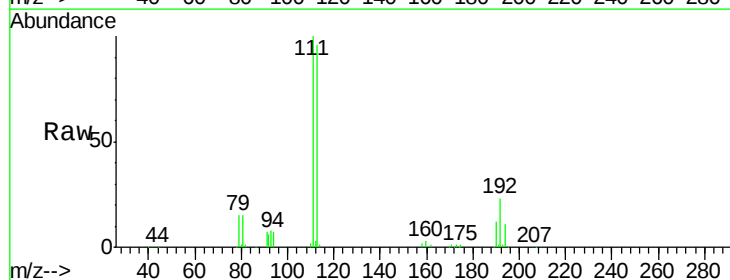
Tgt Ion:113 Resp: 141387

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

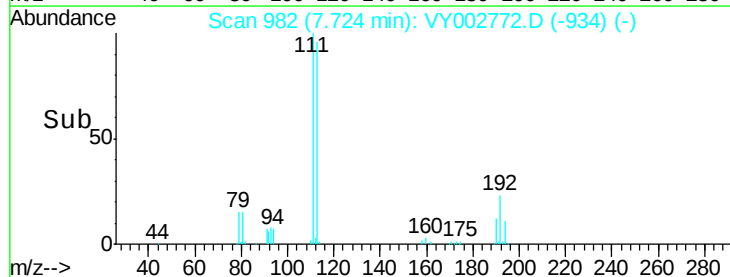
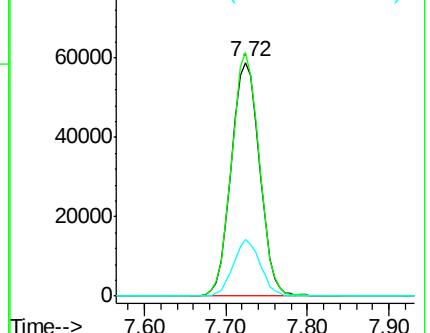
192 23.0 18.9 28.3

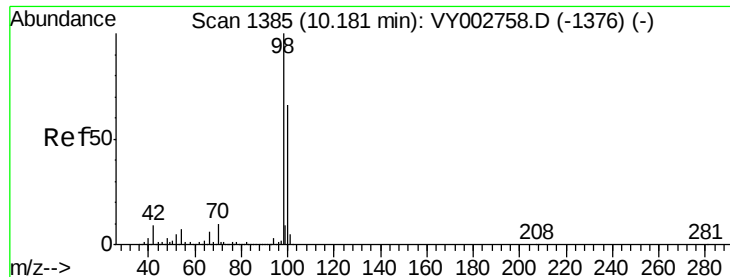


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.642 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002772.D

Acq: 27 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

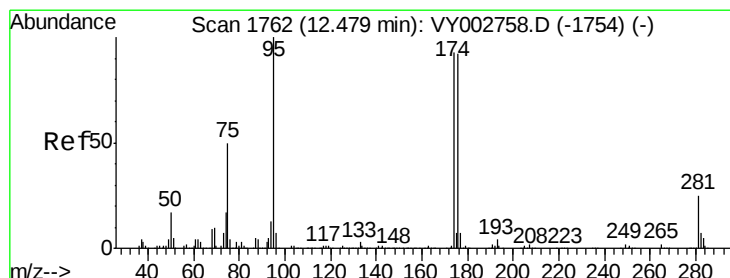
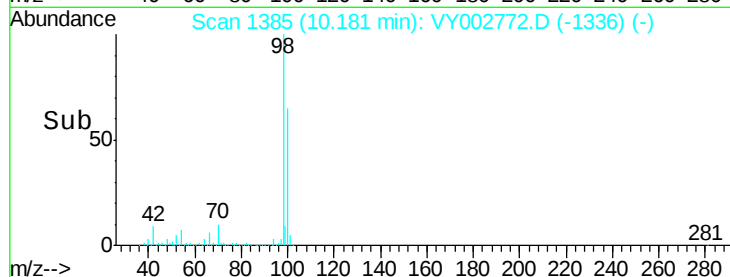
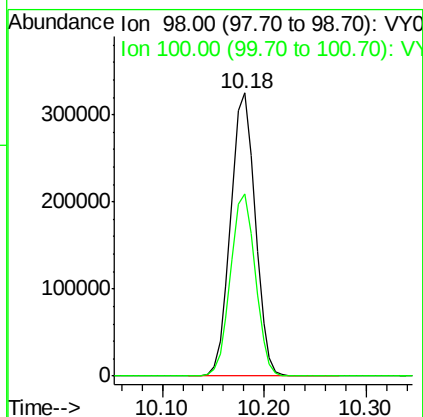
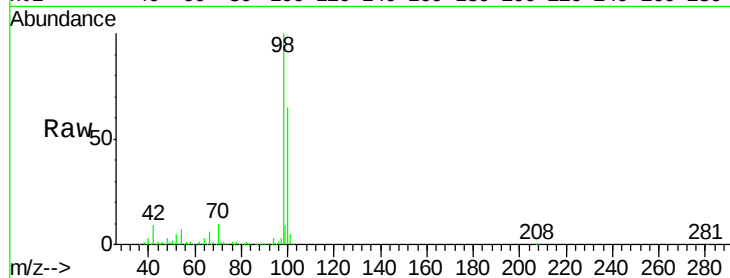
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Tot Ion: 98 Resp: 540774

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.078 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002772.D

Acq: 27 May 2020 18:27

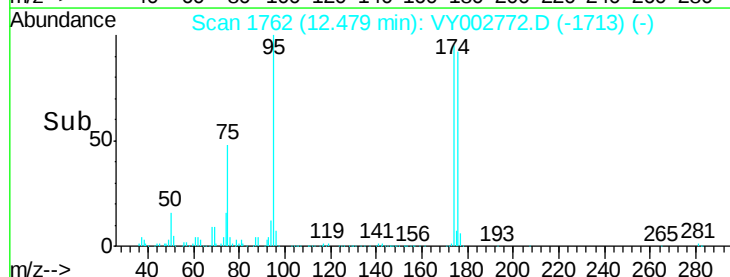
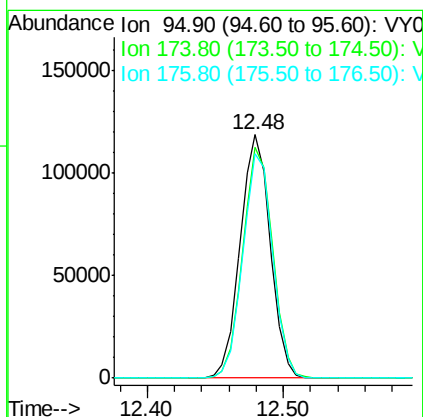
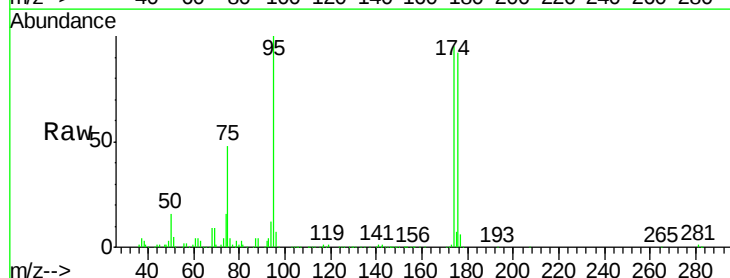
Tgt Ion: 95 Resp: 182711

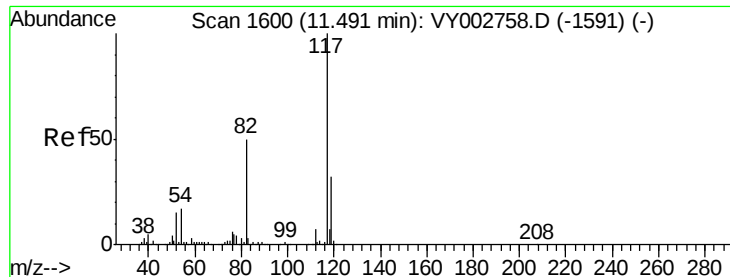
Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.2

176 91.8 0.0 188.8

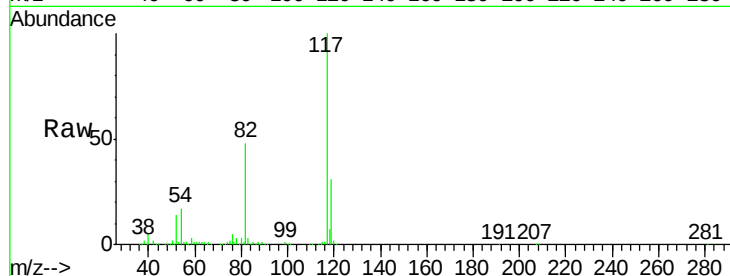




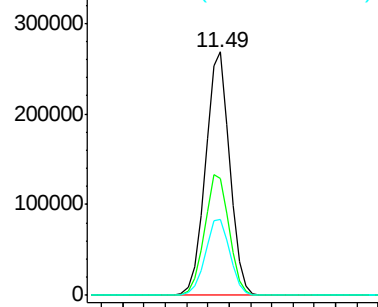
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002772.D
Acq: 27 May 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :
ISLAND-BETWEEN-G-H-4

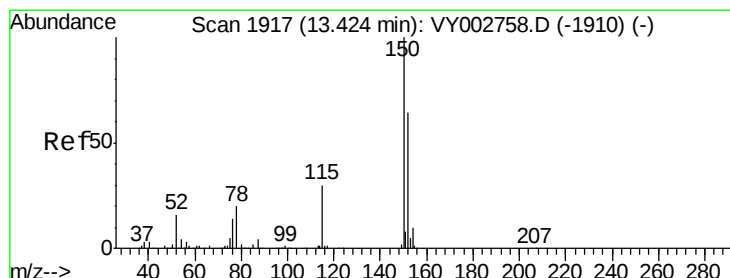
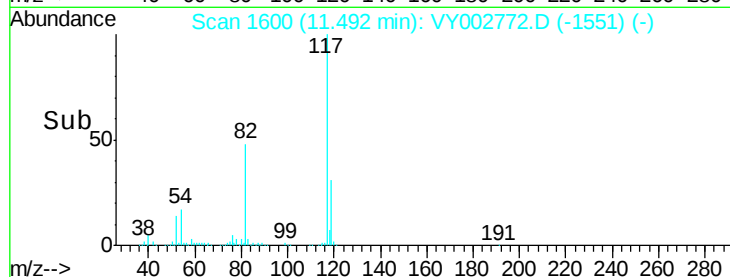
Tot Ion	Ratio	Lower	Upper
117	100		
82	47.8	40.2	60.4
119	31.3	25.8	38.8



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

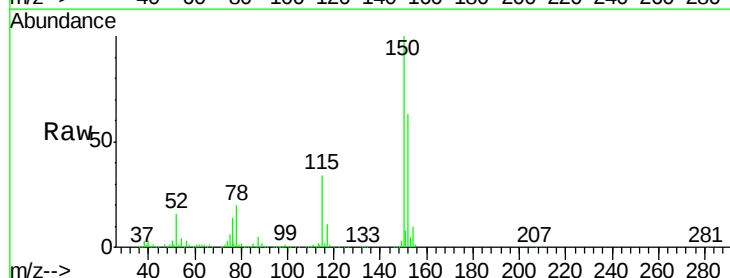


Time-->

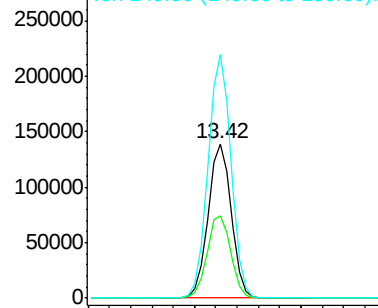


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002772.D
Acq: 27 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.0	81.0
150	156.9	0.0	344.8



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-->

