

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002859.D
 Acq On : 05 Jun 2020 19:47
 Operator : SY/MD
 Sample : L2941-01
 Misc : 5.3G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBF-TS-001

Quant Time: Jun 06 08:14:11 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	305913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	501869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	443341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	181170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152226	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
35) Dibromofluoromethane	7.72	113	155336	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.18	98	577377	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.48	95	178310	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	

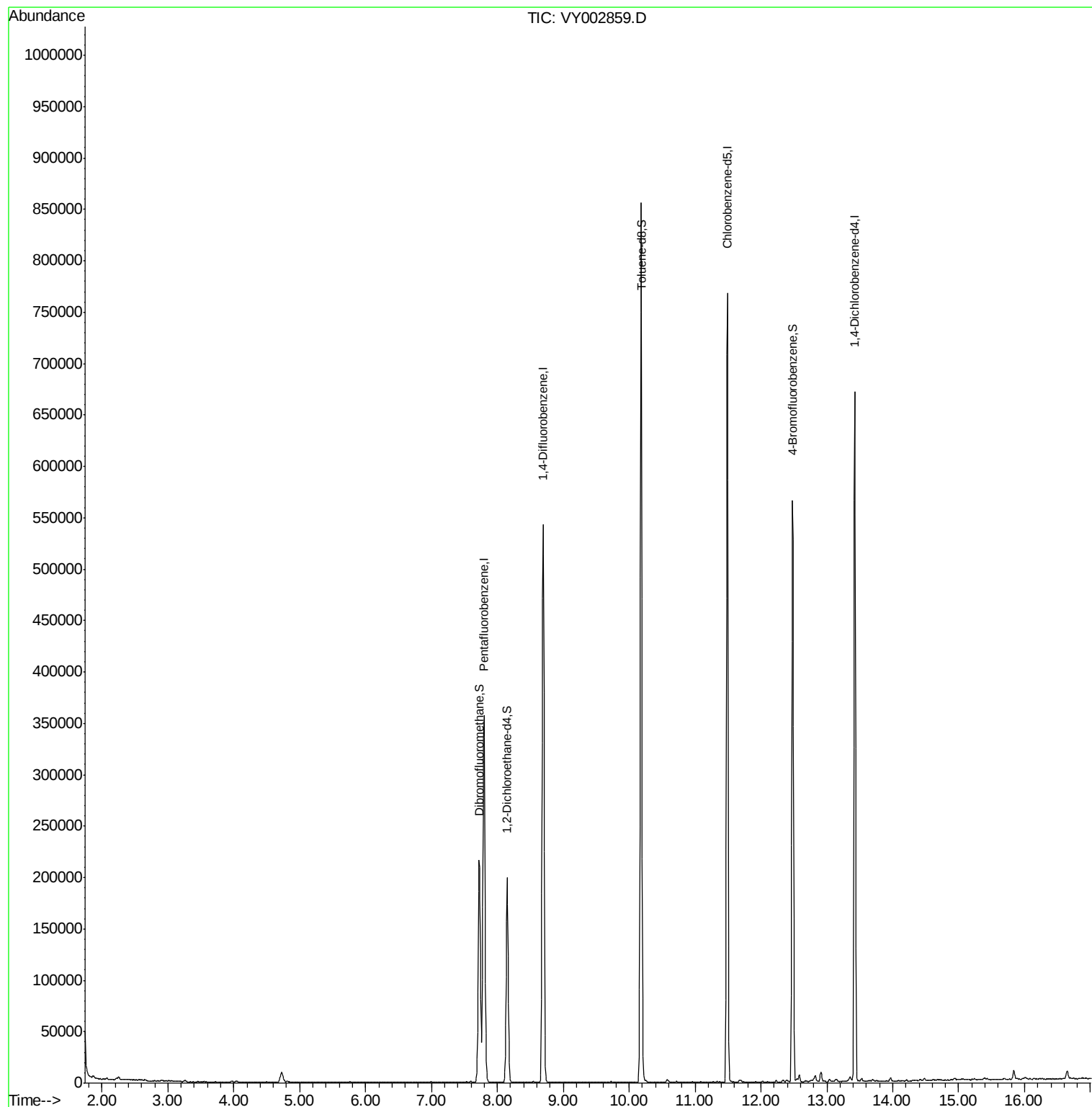
Target Compounds	Qvalue
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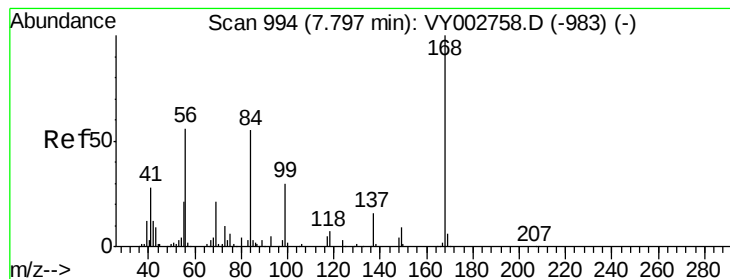
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

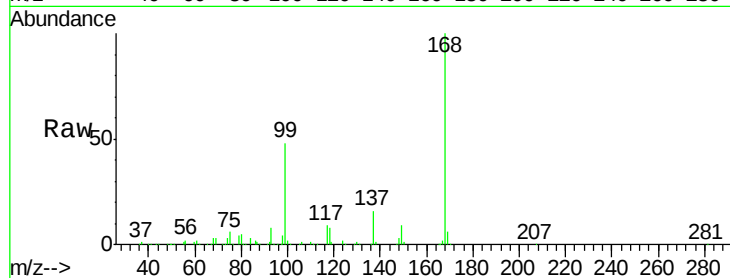
RBF-TS-001

Tot Ion:168 Resp: 305913

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002859.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002859.D (-945) (-)

7.80

150000

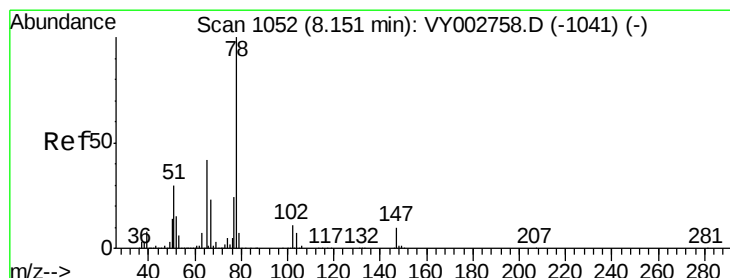
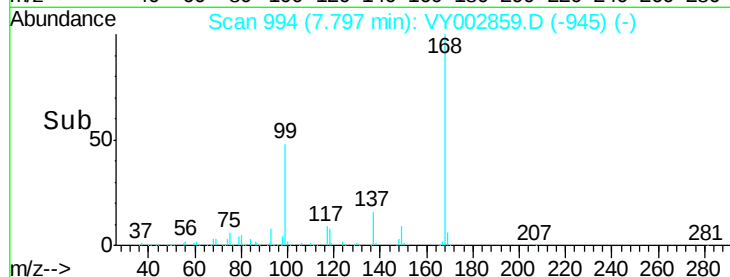
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.310 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002859.D

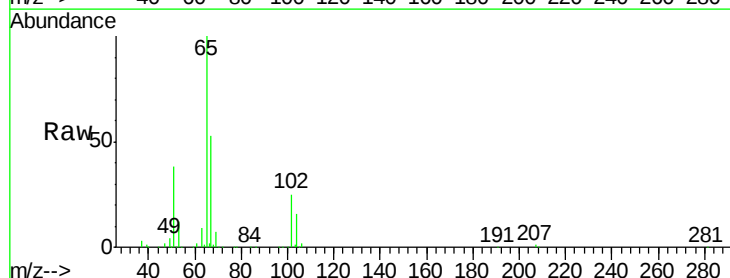
Acq: 05 Jun 2020 19:47

Tgt Ion: 65 Resp: 152226

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002859.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002859.D (-1003) (-)

8.15

80000

60000

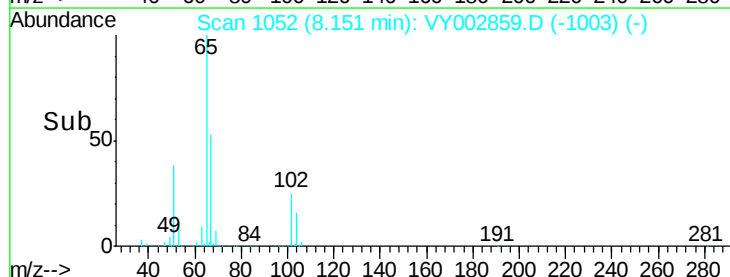
40000

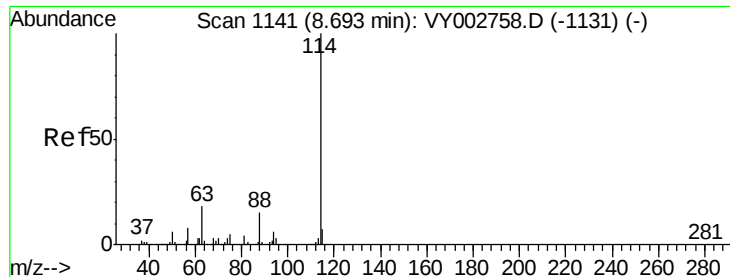
20000

0

8.10 8.20

Time-->

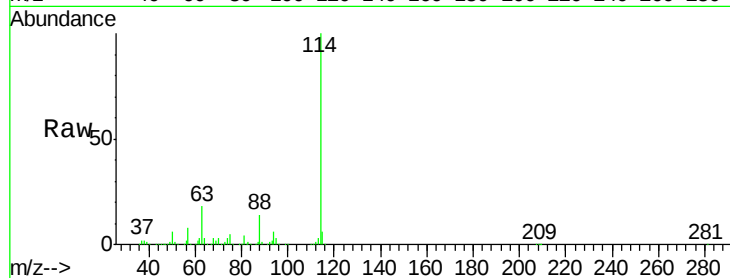




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

Instrument :
MSVOA_Y
ClientSampleId :
RBF-TS-001

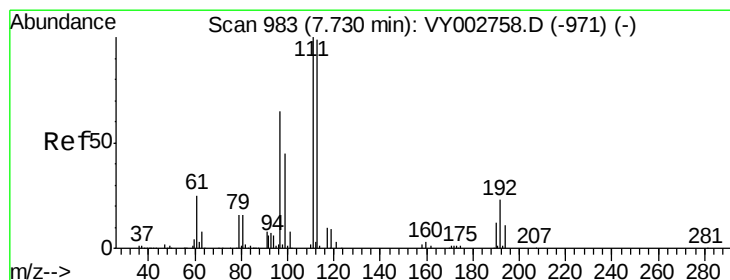
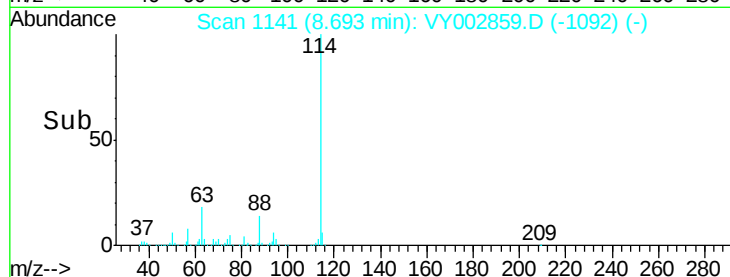
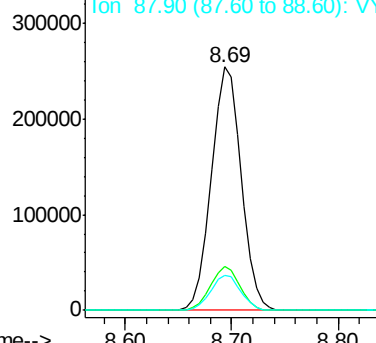
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	14.3	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

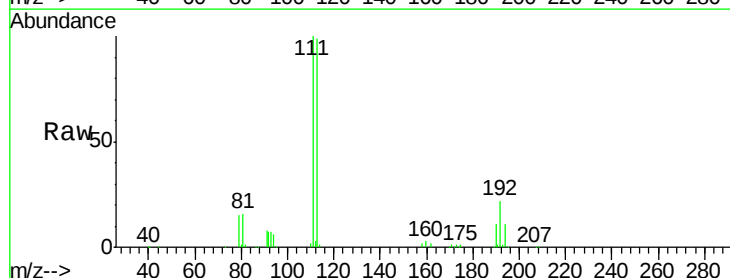
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
Dibromofluoromethane
Concen: 52.814 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

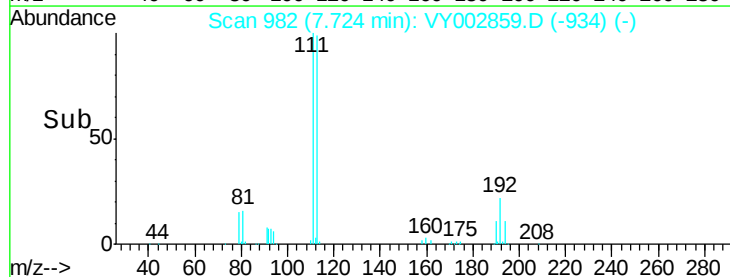
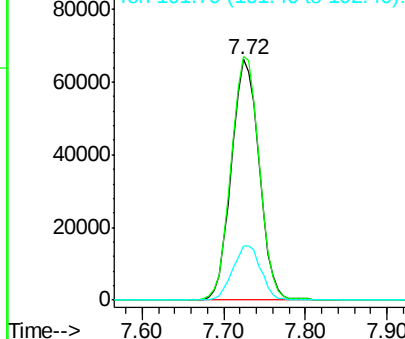
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.8	18.9	28.3

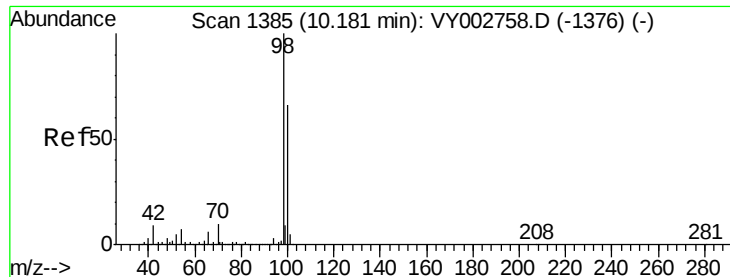


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.551 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

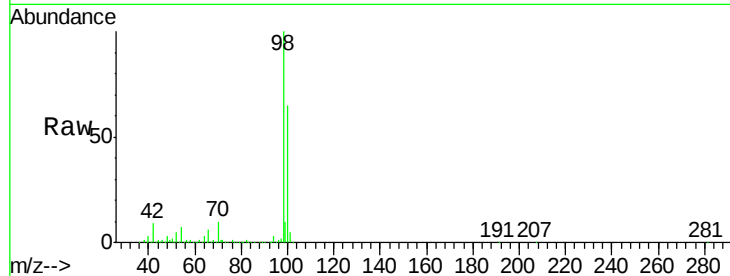
RBF-TS-001

Tot Ion: 98 Resp: 577377

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002859.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002859.D (-1376) (-)

10.18

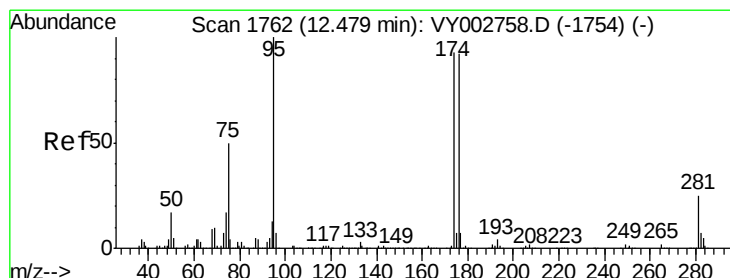
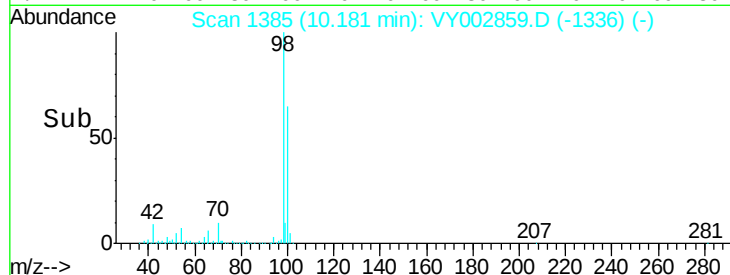
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.874 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

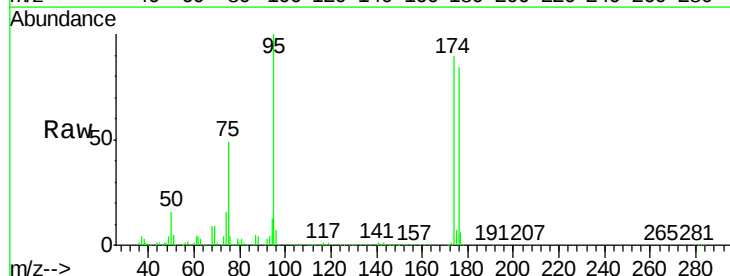
Tgt Ion: 95 Resp: 178310

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.2

176 89.9 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002859.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002859.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002859.D (-1713) (-)

12.48

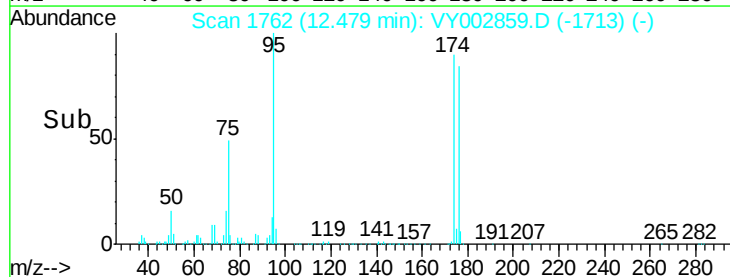
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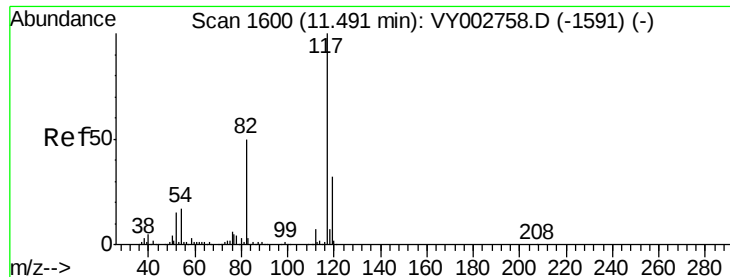
100000

50000

0

Time-->

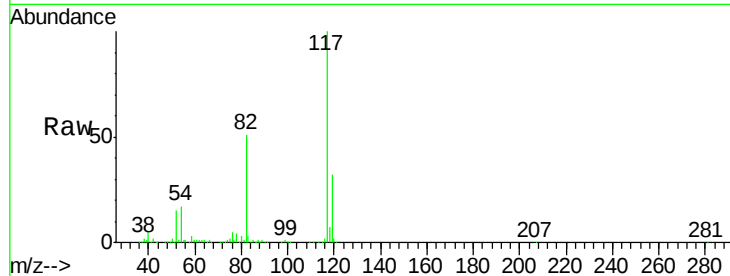




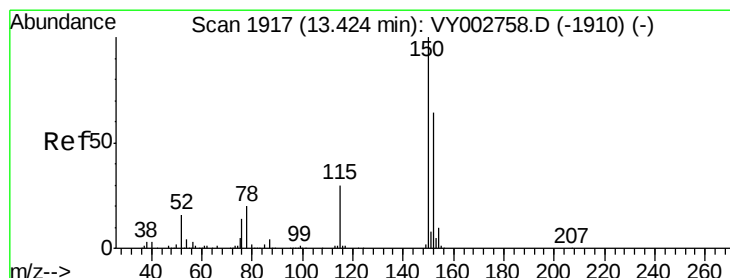
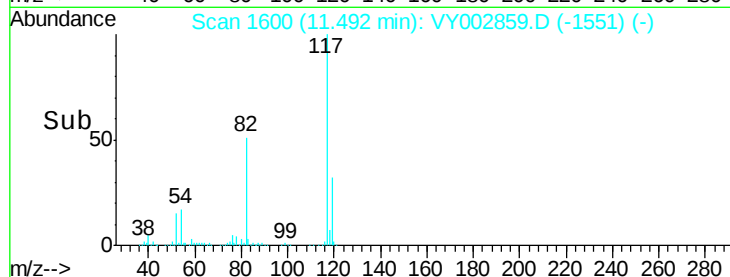
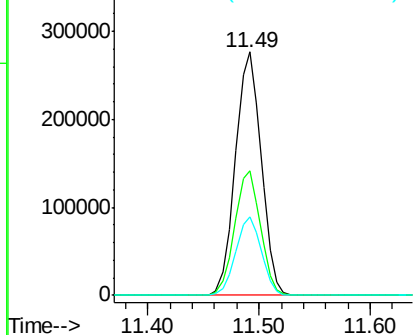
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

Instrument :
MSVOA_Y
ClientSampleId :
RBF-TS-001

Tot Ion:117 Resp: 443341
Ion Ratio Lower Upper
117 100
82 51.3 40.2 60.4
119 32.3 25.8 38.8

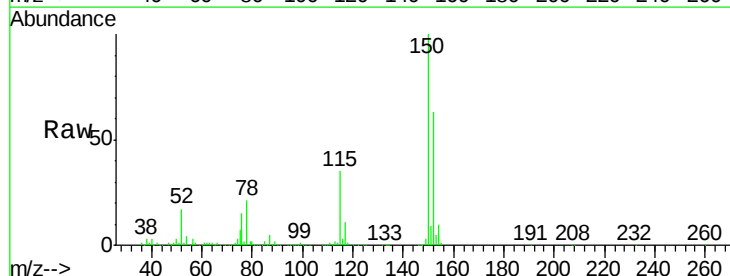


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

Tgt Ion:152 Resp: 181170
Ion Ratio Lower Upper
152 100
115 54.3 27.0 81.0
150 158.2 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

