

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000859.D
 Acq On : 04 Dec 2019 13:34
 Operator : SY/MD
 Sample : K6119-09
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(0-2)

Quant Time: Dec 05 08:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	245262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	461336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	155289	59.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.18%	
35) Dibromofluoromethane	7.73	113	137138	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.18	98	552491	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.48	95	188926	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	

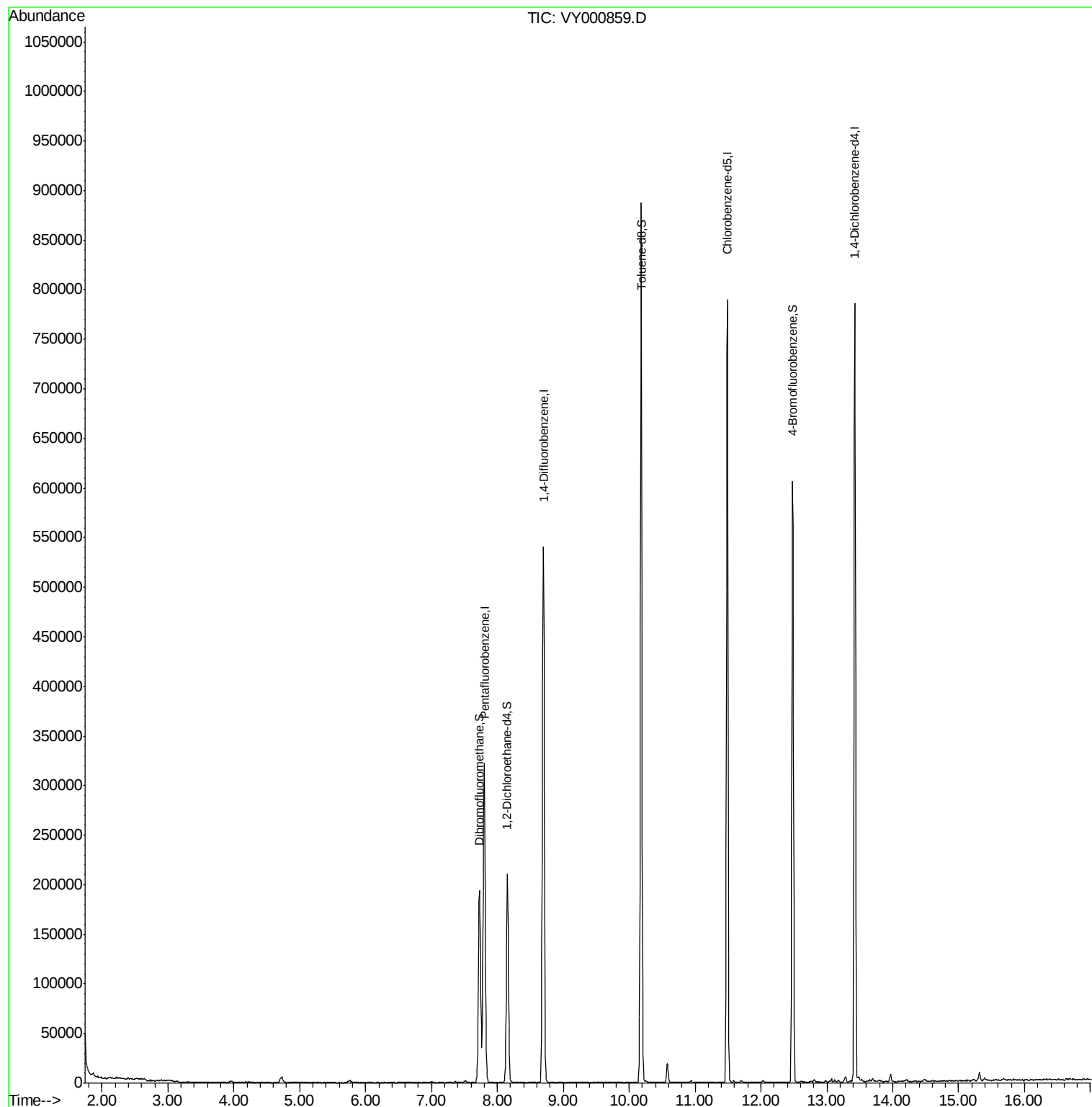
Target Compounds	Qvalue
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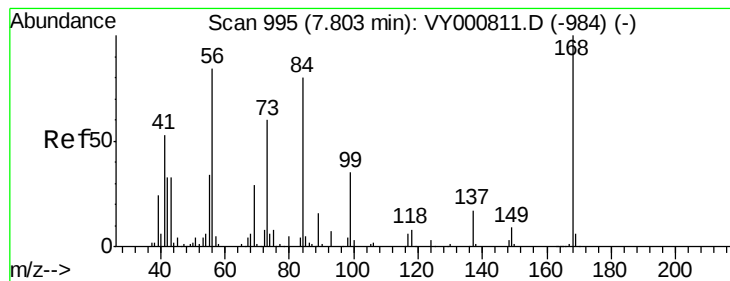
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

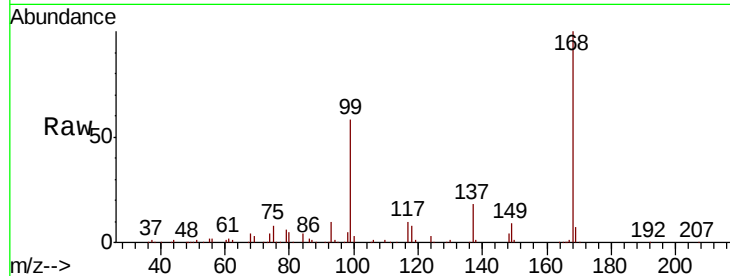
SB-2-(0-2)

Tot Ion:168 Resp: 245262

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000859.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000859.D (-946) (-)

7.80

120000

100000

80000

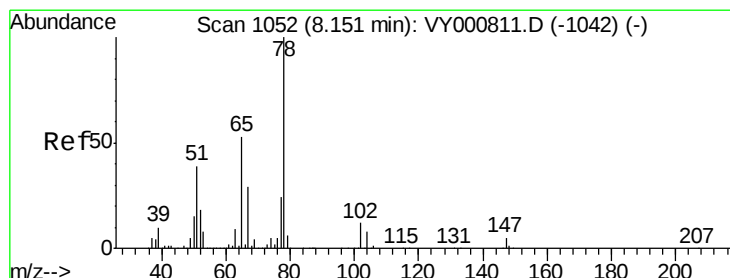
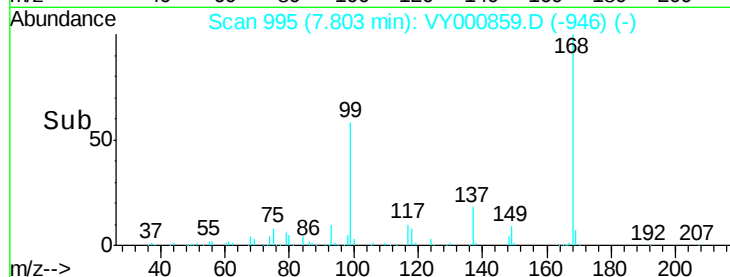
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.586 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000859.D

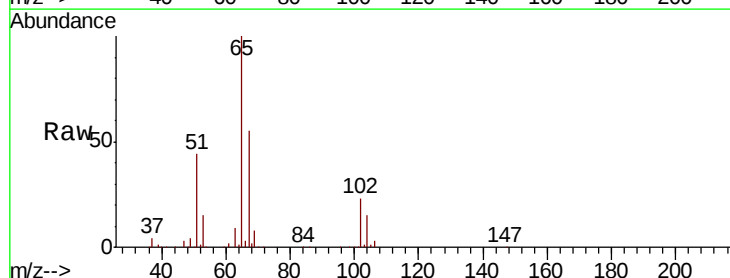
Acq: 04 Dec 2019 13:34

Tgt Ion: 65 Resp: 155289

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000859.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000859.D (-1003) (-)

8.15

80000

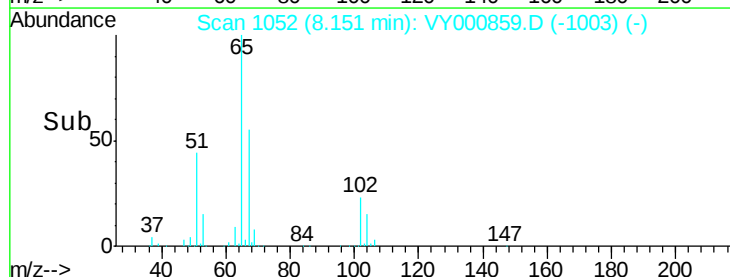
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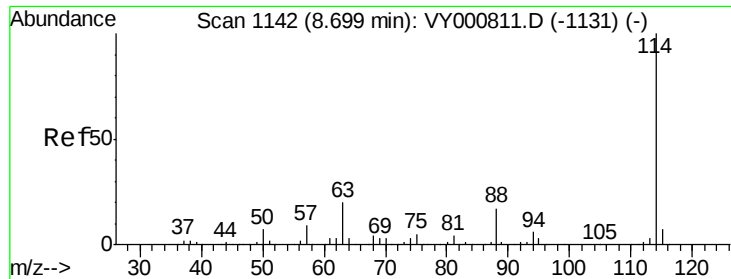
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Time-->

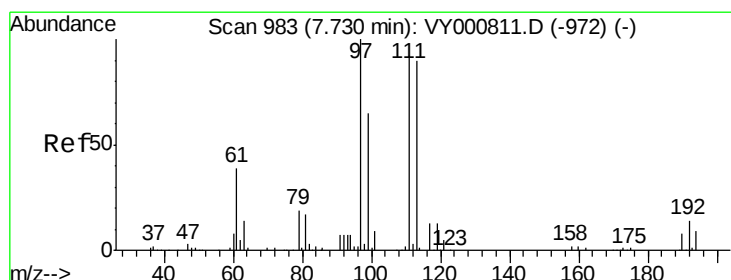
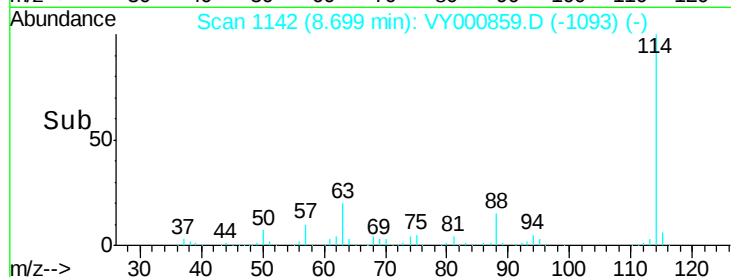
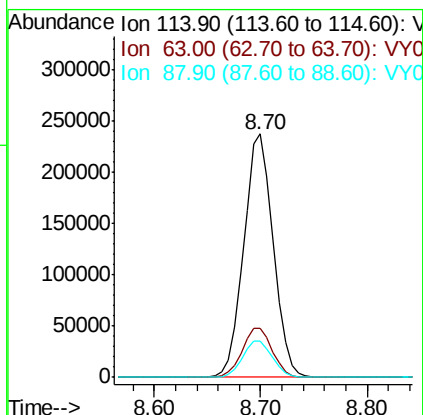
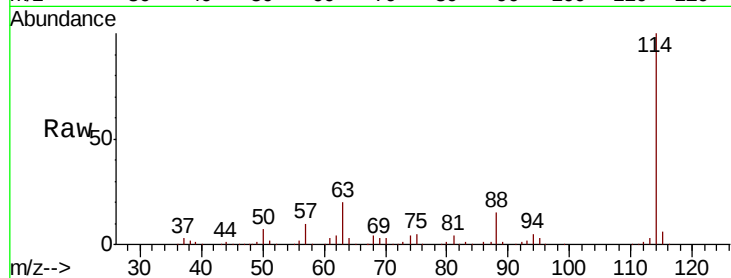




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

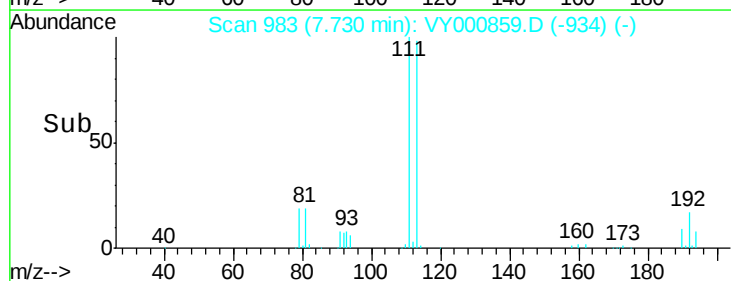
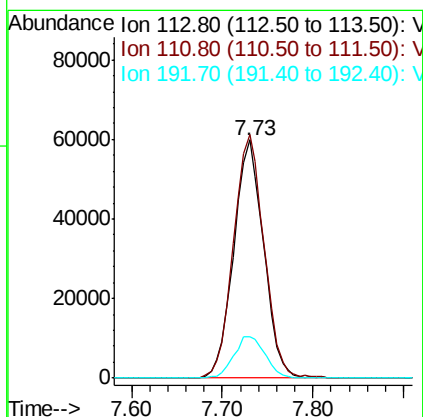
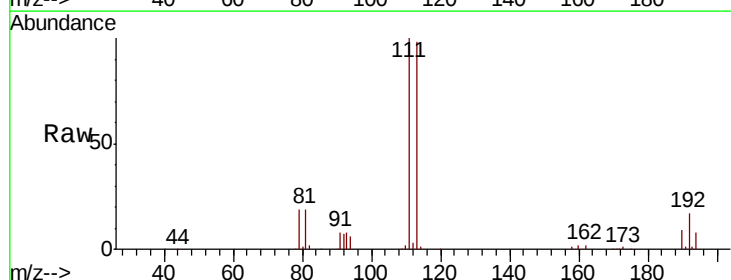
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(0-2)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	14.9	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 51.006 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	18.2	14.2	21.2





#50

Toluene-d8

Concen: 51.399 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

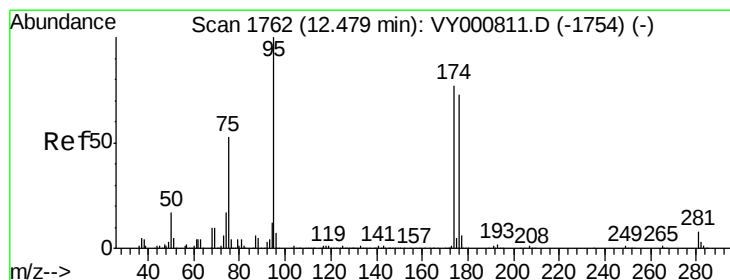
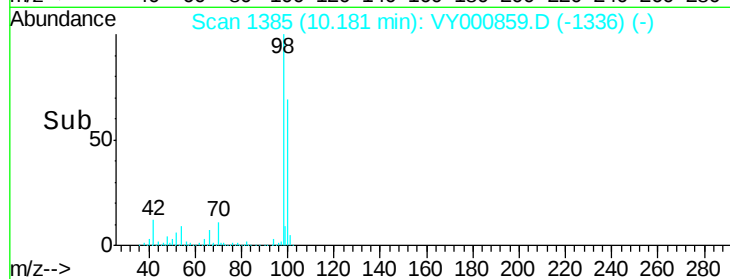
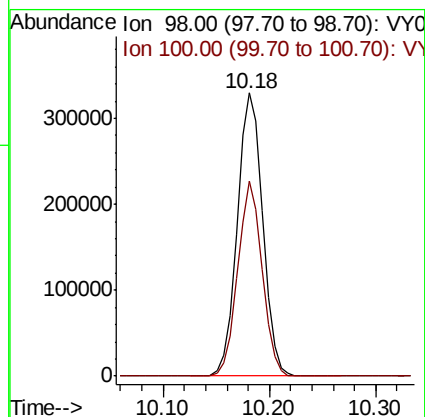
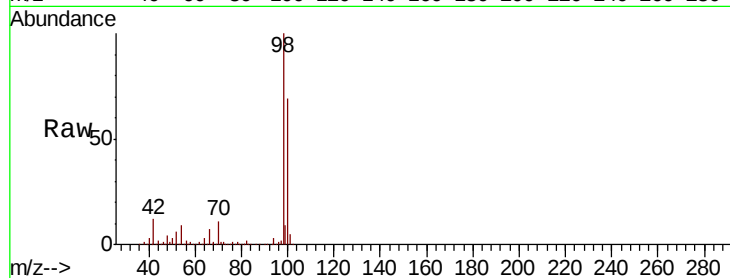
SB-2-(0-2)

Tot Ion: 98 Resp: 552491

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.800 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

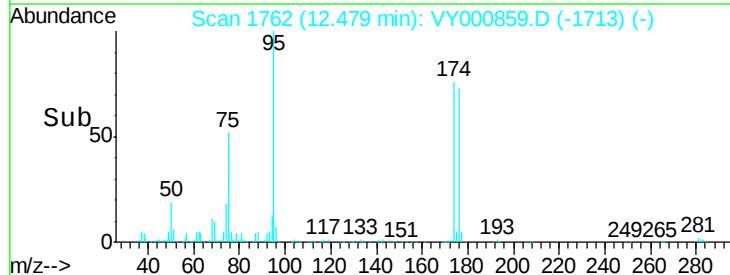
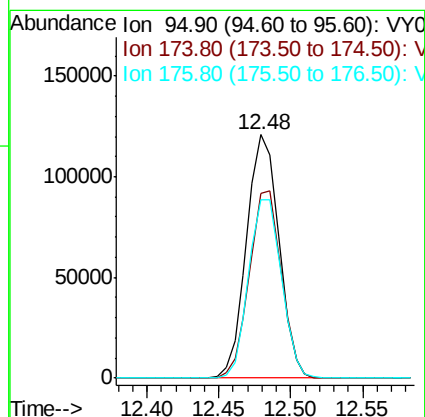
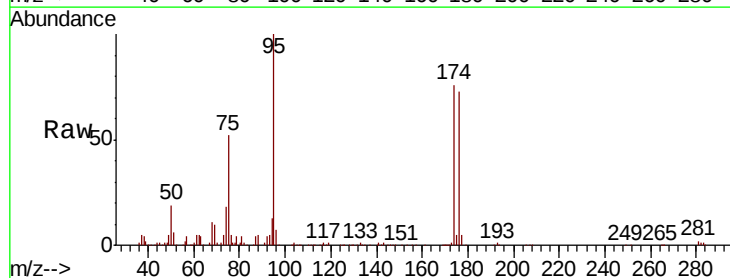
Tgt Ion: 95 Resp: 188926

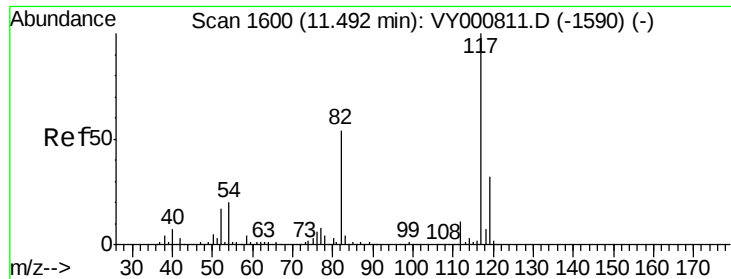
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 74.2 0.0 145.2

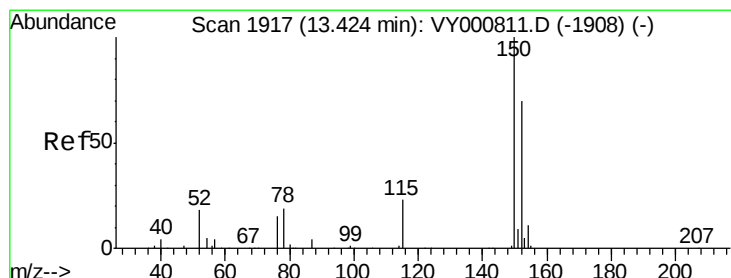
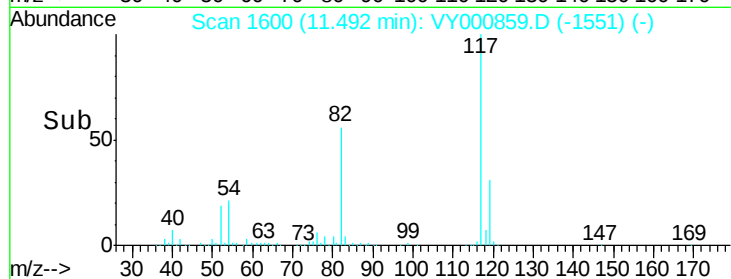
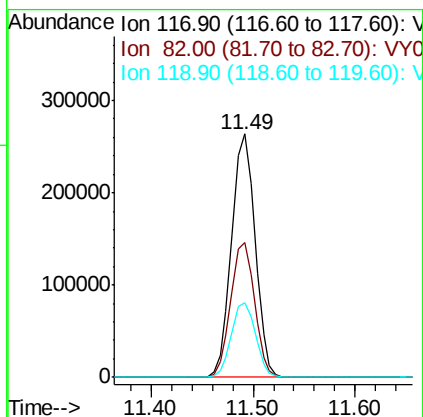
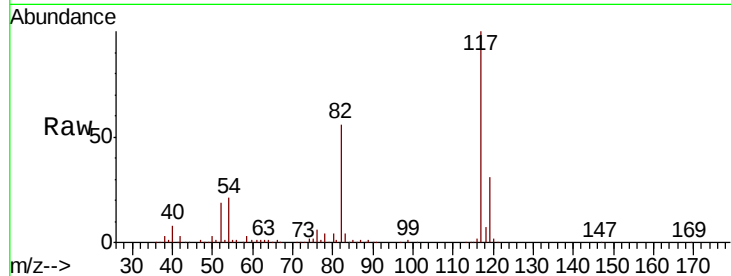




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(0-2)

Tot Ion:117 Resp: 420268
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 30.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Tgt Ion:152 Resp: 185255
Ion Ratio Lower Upper
152 100
115 61.8 29.3 87.8
150 160.3 0.0 351.2

