

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002743.D
 Acq On : 21 May 2020 16:05
 Operator : SY/MD
 Sample : L2728-07
 Misc : 6.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239998

Quant Time: May 21 17:09:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

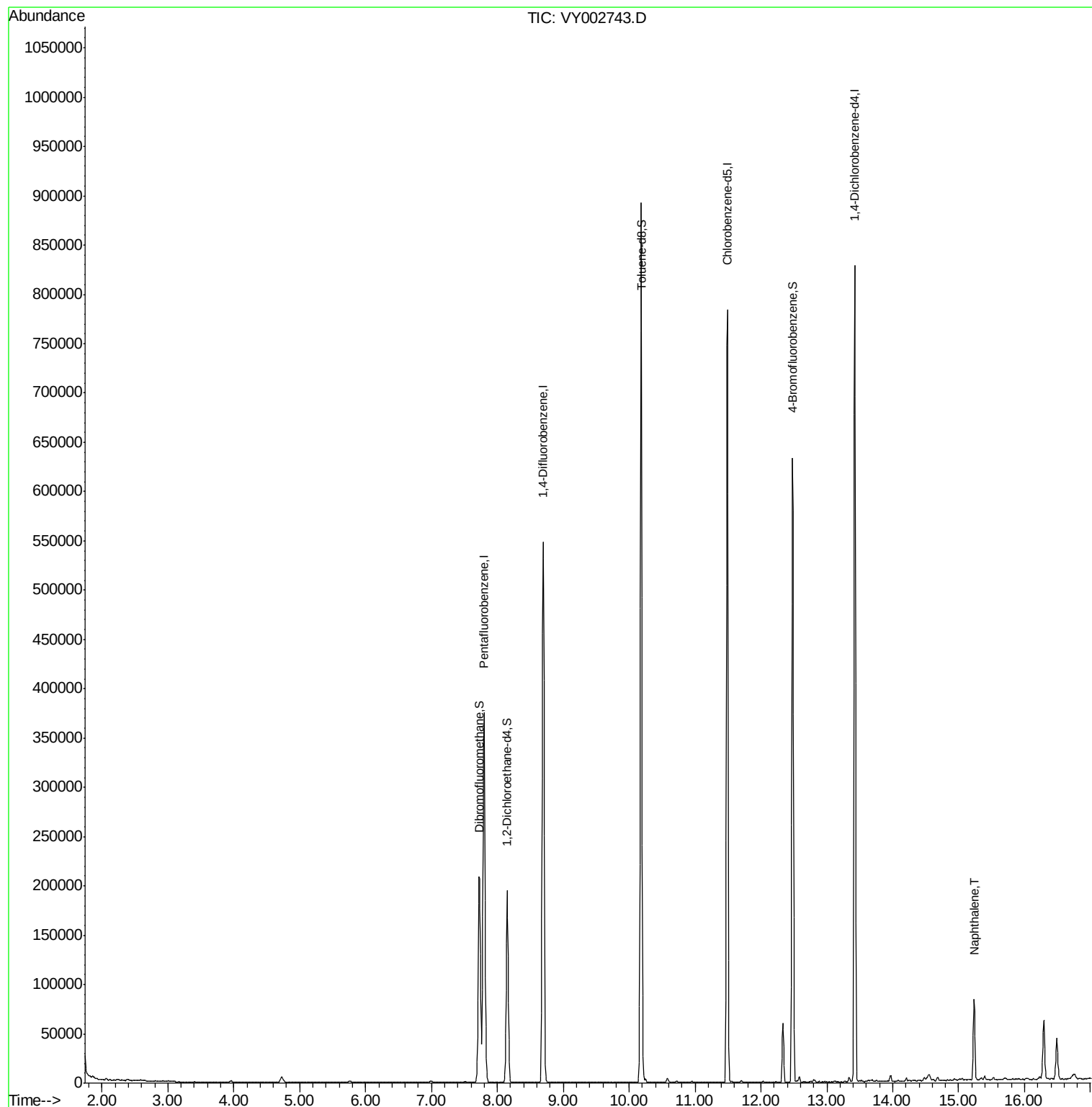
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	318575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	508260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147163	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	7.72	113	152851	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.18	98	594834	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	195612	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
Target Compounds						
95) Naphthalene	15.23	128	66782	7.571	ug/l	Qvalue 99

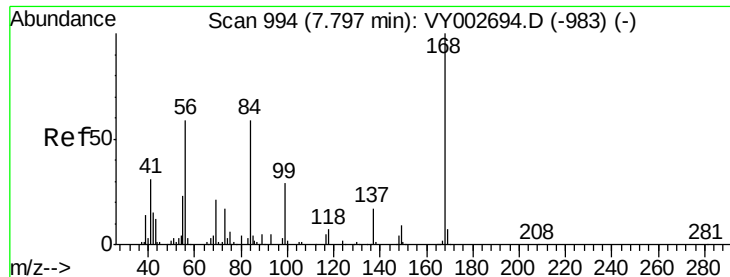
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002743.D

Acq: 21 May 2020 16:05

Instrument :

MSVOA_Y

ClientSampled :

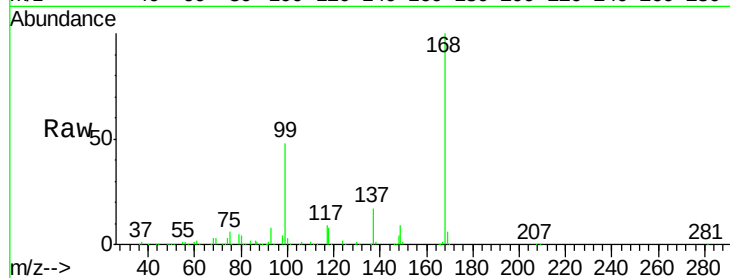
239998

Tot Ion:168 Resp: 318575

Ion Ratio Lower Upper

168 100

99 48.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002743.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002743.D (-945) (-)

7.80

150000

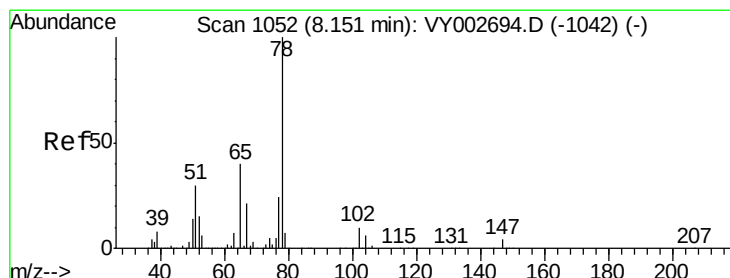
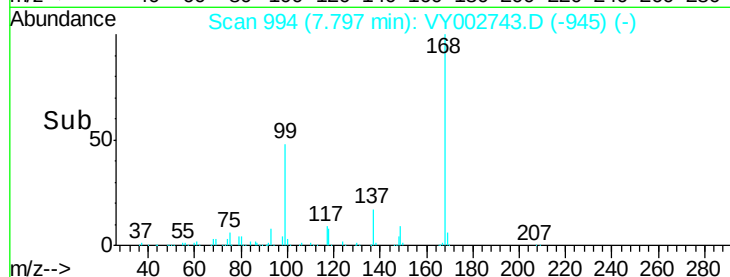
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.056 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002743.D

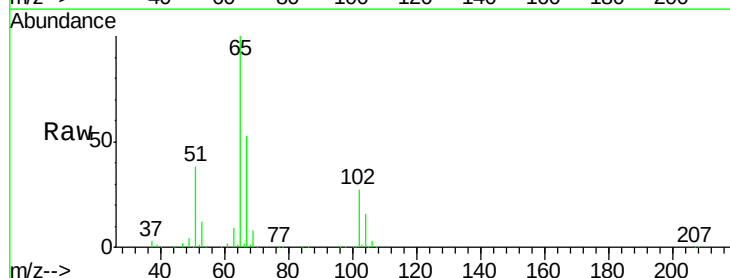
Acq: 21 May 2020 16:05

Tgt Ion: 65 Resp: 147163

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002743.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002743.D (-1003) (-)

8.15

80000

60000

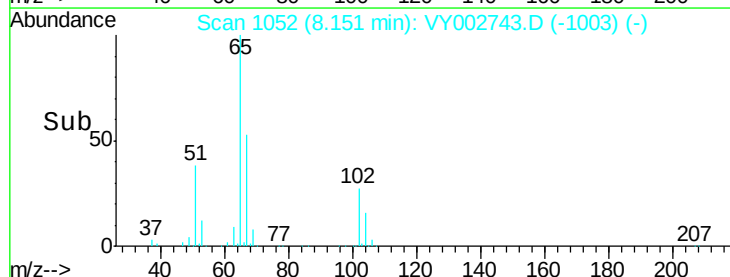
40000

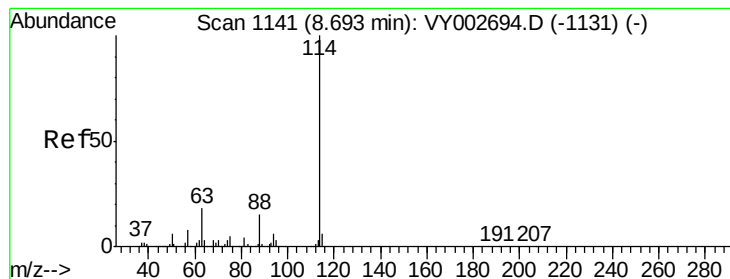
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002743.D

Acq: 21 May 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

239998

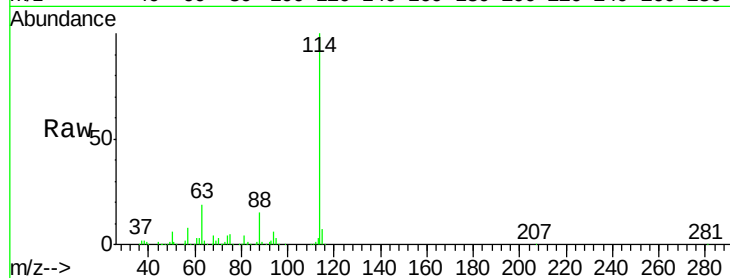
Tot Ion:114 Resp: 508260

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.4

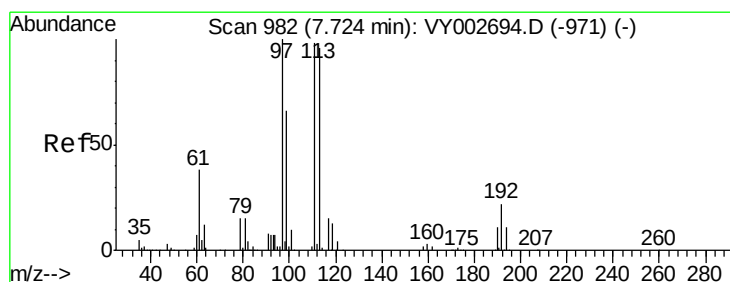
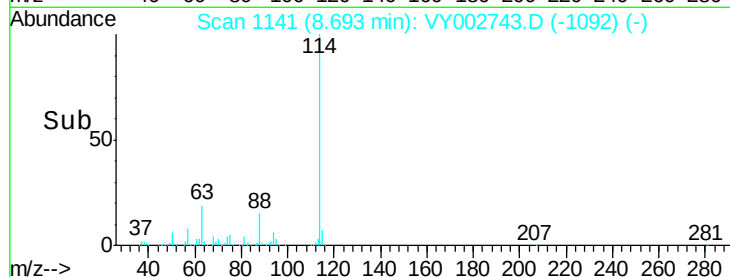
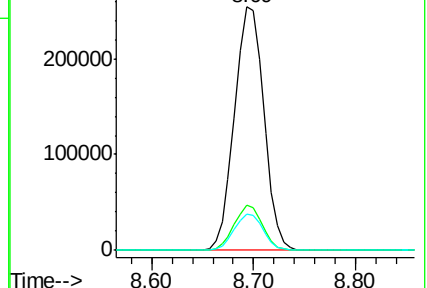
88 14.6 0.0 29.4



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: 54.493 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002743.D

Acq: 21 May 2020 16:05

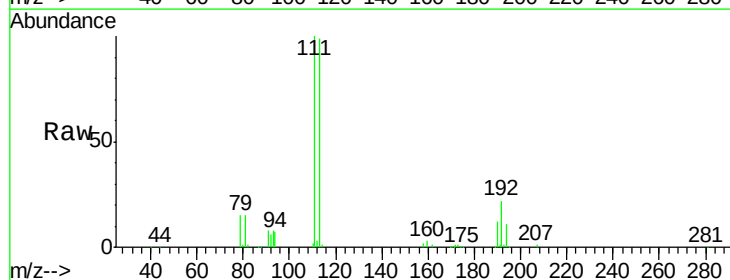
Tgt Ion:113 Resp: 152851

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

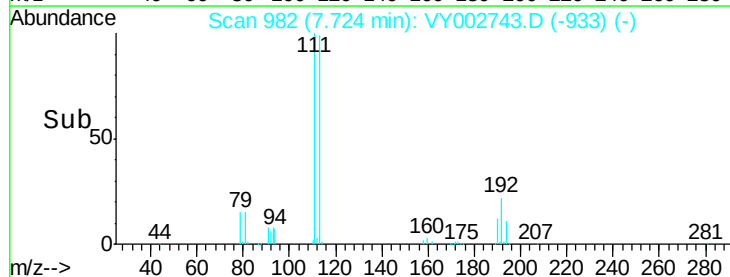
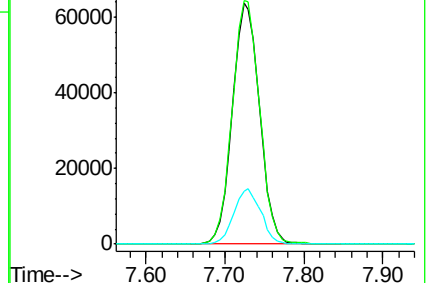
192 22.8 18.6 27.8

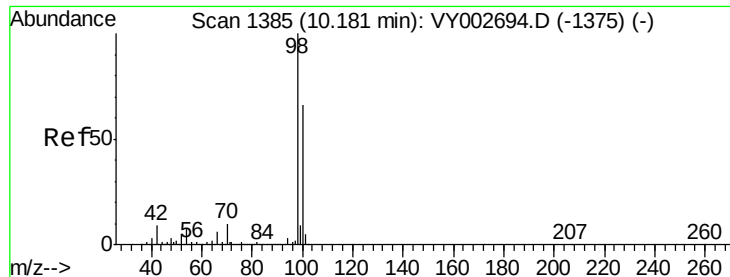


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.673 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002743.D

Acq: 21 May 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

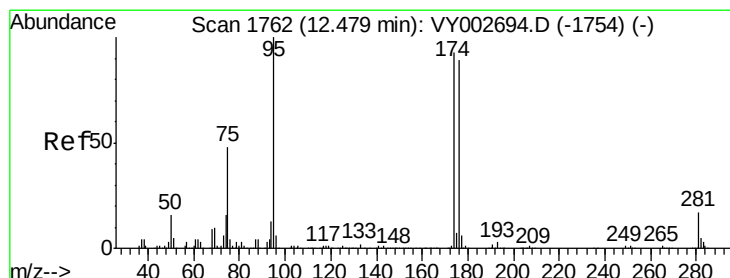
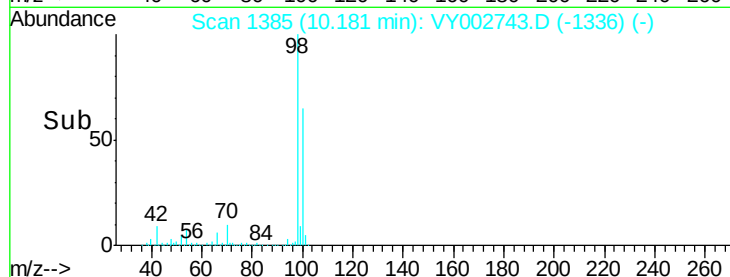
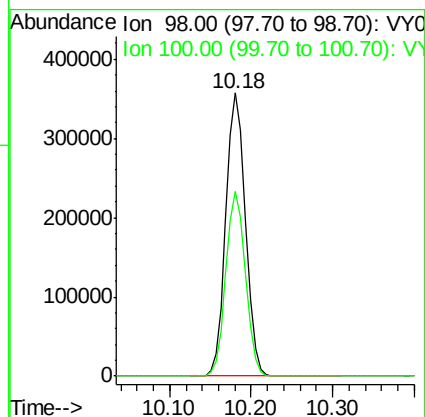
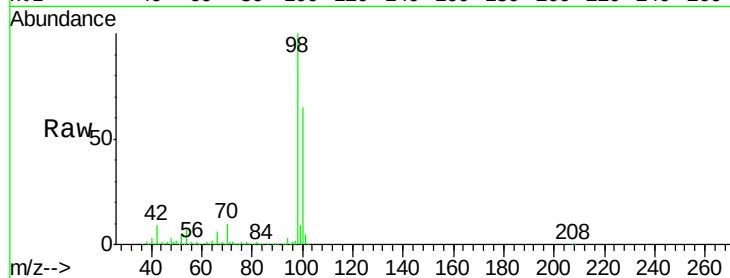
239998

Tot Ion: 98 Resp: 594834

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002743.D

Acq: 21 May 2020 16:05

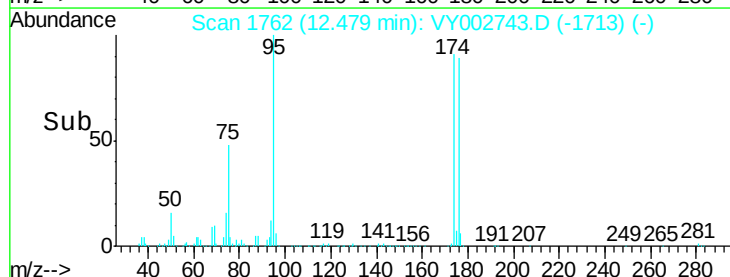
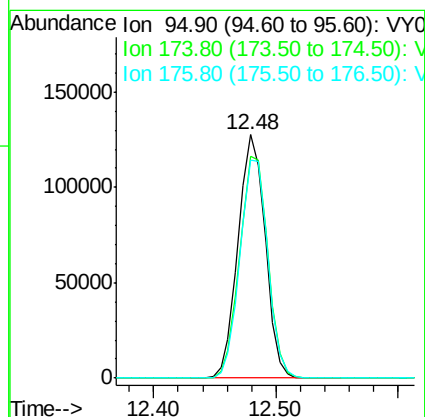
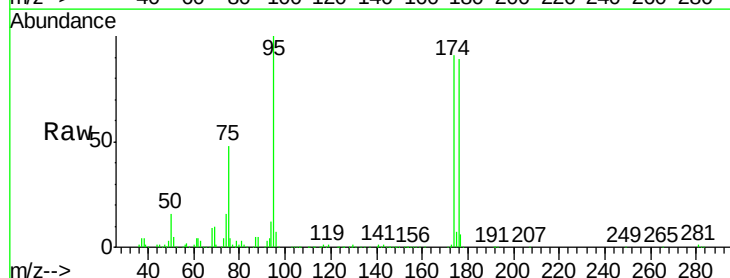
Tgt Ion: 95 Resp: 195612

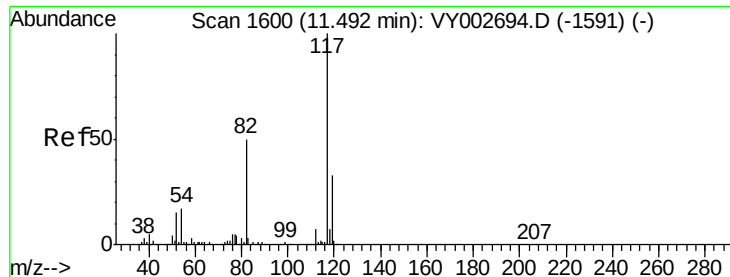
Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.4

176 92.3 0.0 186.0

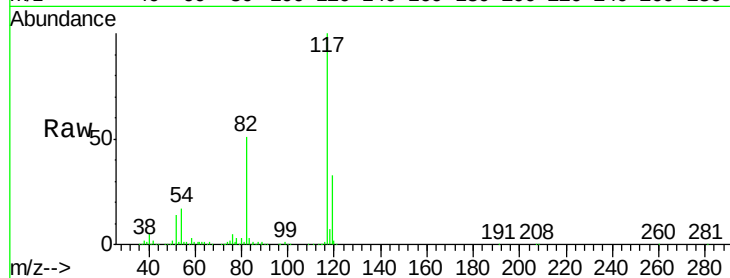




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002743.D
Acq: 21 May 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
239998

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.3	60.5
119	32.7	26.2	39.4

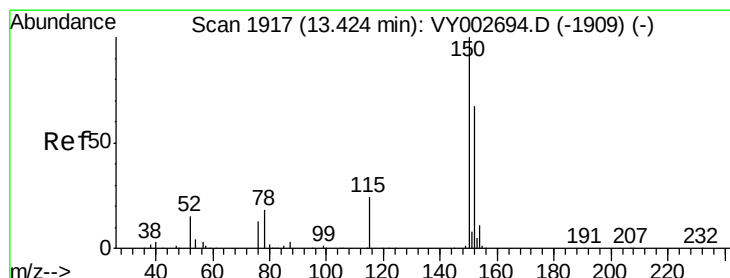
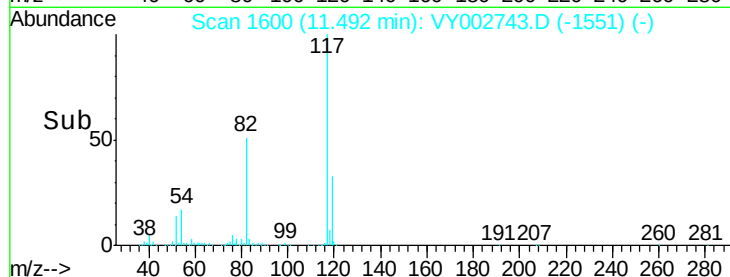
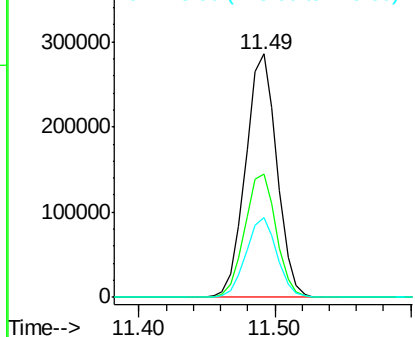


Abundance

Ion 116.90 (116.60 to 117.60): V

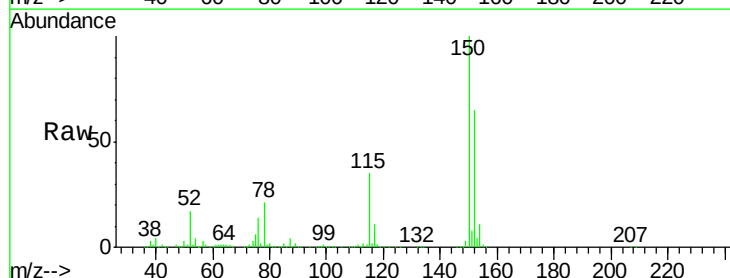
Ion 82.00 (81.70 to 82.70): V

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: VY002743.D
Acq: 21 May 2020 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.2	81.6
150	156.6	0.0	343.8

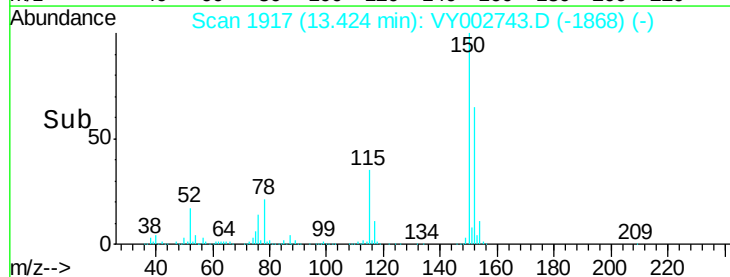
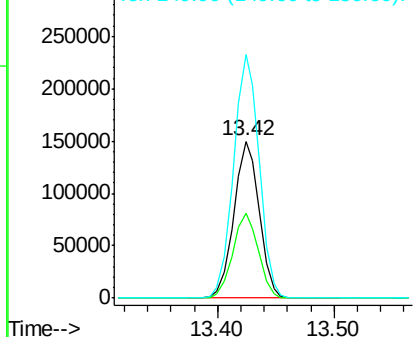


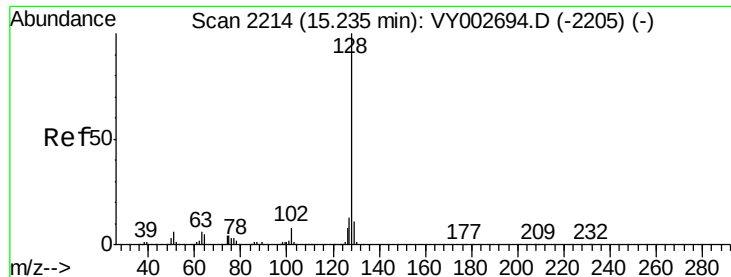
Abundance

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

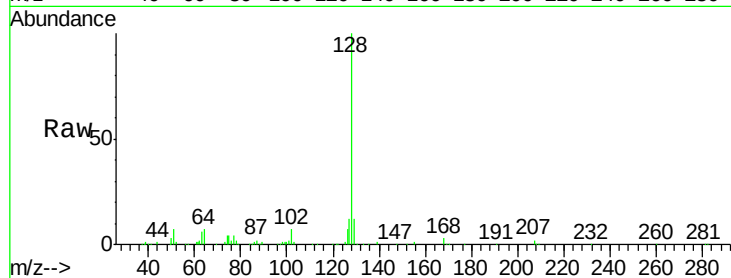




#95
Naphthalene
Concen: 7.571 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002743.D
Acq: 21 May 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
239998

Tot Ion:128 Resp: 66782
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

