

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002223.D
 Acq On : 03 Apr 2020 17:03
 Operator : SY/MD
 Sample : L2153-05
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-2520699

Quant Time: Apr 04 01:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	243468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	84471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77917	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
35) Dibromofluoromethane	7.74	113	71650	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.19	98	294549	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.49	95	94009	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

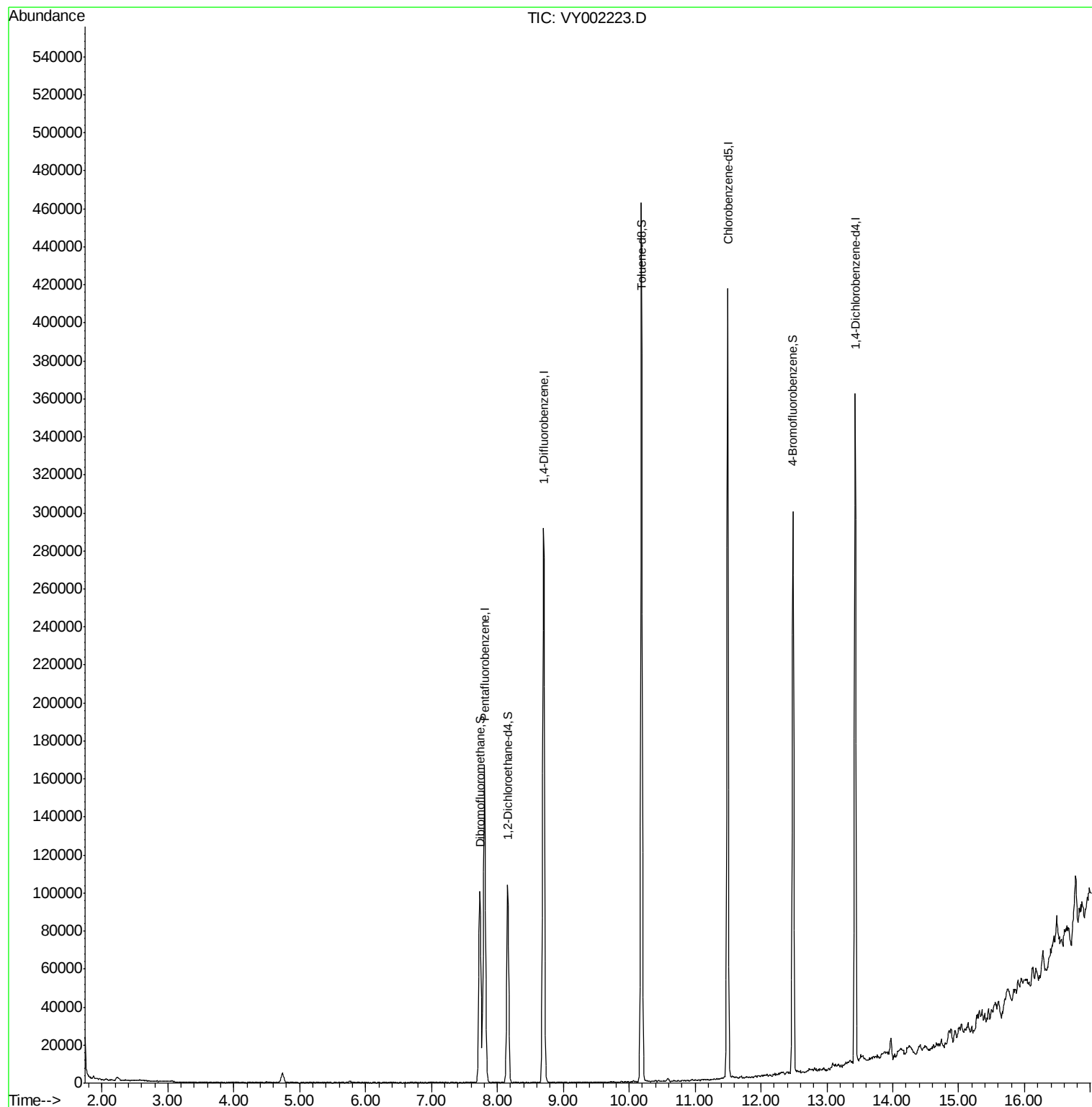
Target Compounds	Qvalue
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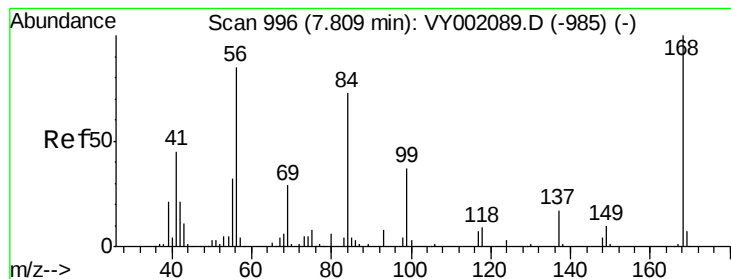
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

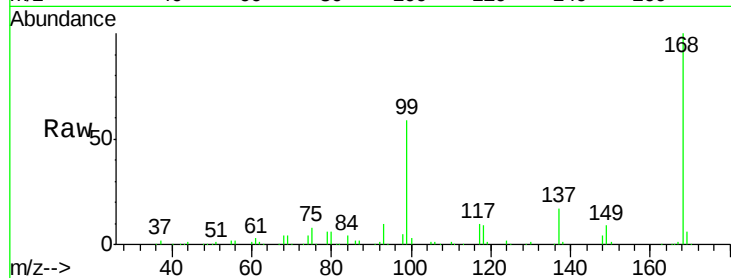
RBR-2520699

Tot Ion:168 Resp: 122932

Ion Ratio Lower Upper

168 100

99 58.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002223.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002223.D (-947) (-)

7.80

60000

50000

40000

30000

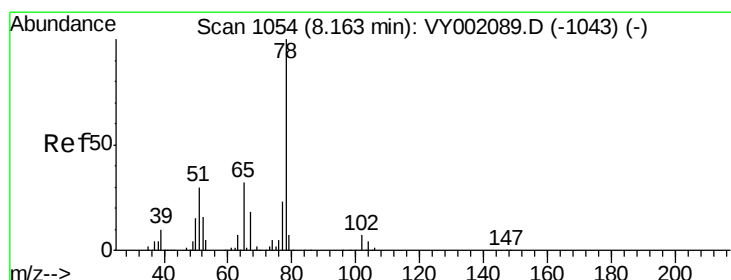
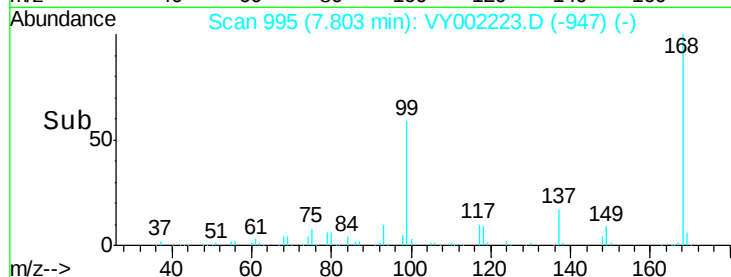
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.335 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002223.D

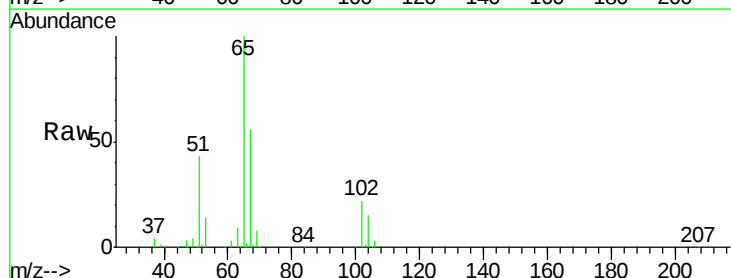
Acq: 03 Apr 2020 17:03

Tgt Ion: 65 Resp: 77917

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002223.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002223.D (-1005) (-)

8.16

40000

30000

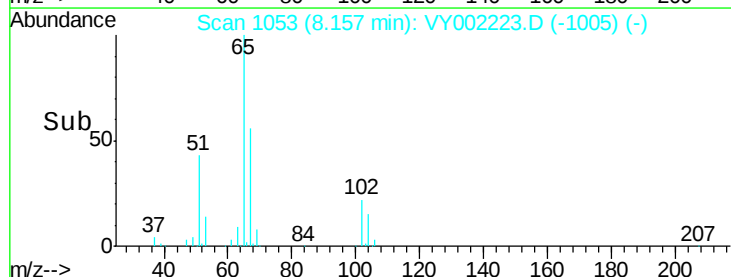
20000

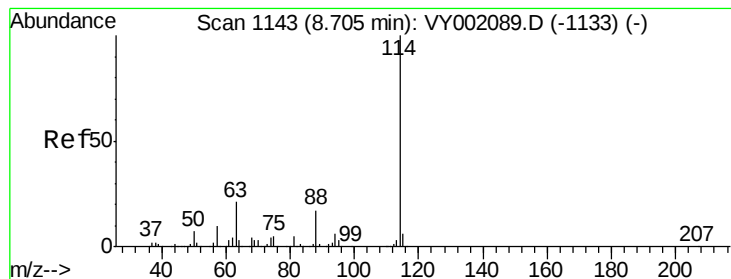
10000

0

Time-->

8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

RBR-2520699

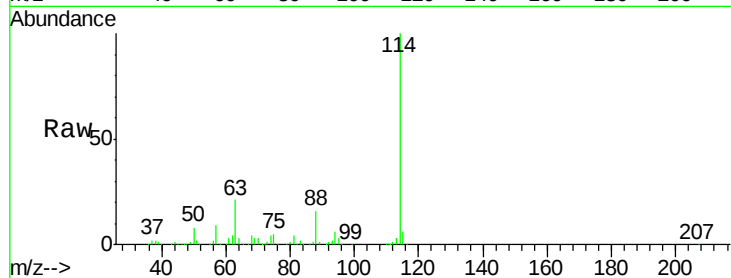
Tot Ion:114 Resp: 243468

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

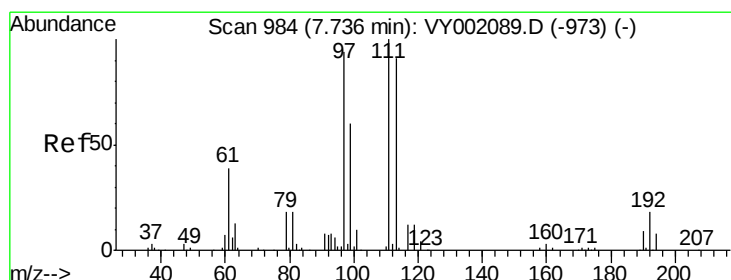
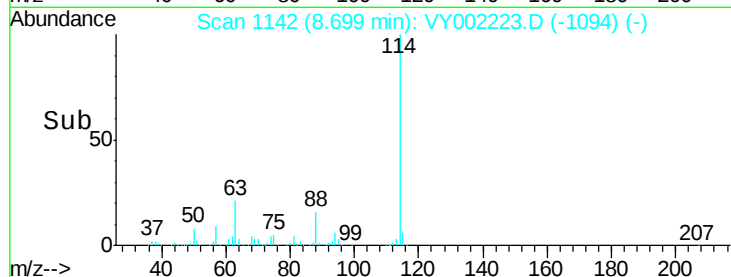
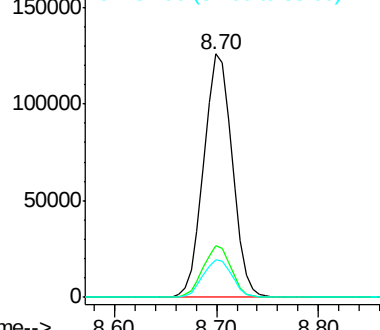
88 15.6 0.0 33.0



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: 52.522 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

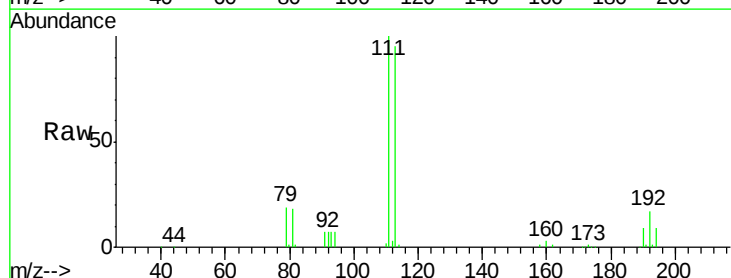
Tgt Ion:113 Resp: 71650

Ion Ratio Lower Upper

113 100

111 104.5 84.4 126.6

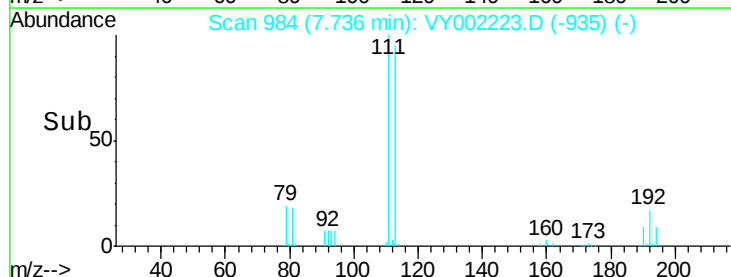
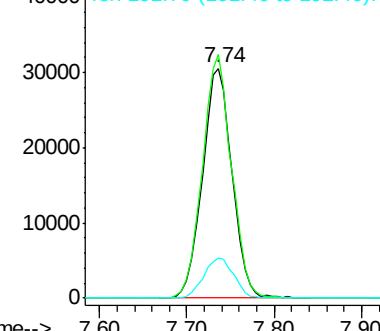
192 17.7 14.6 21.8

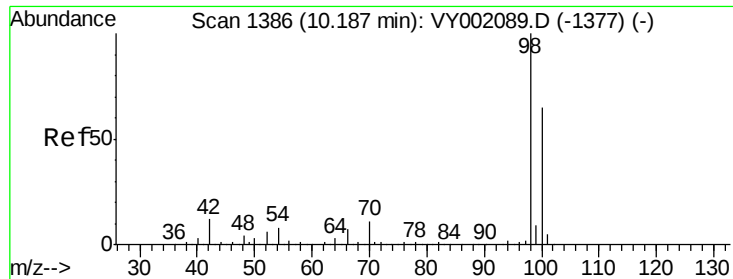


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.975 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

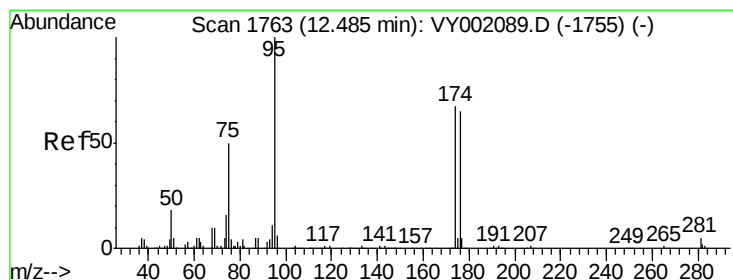
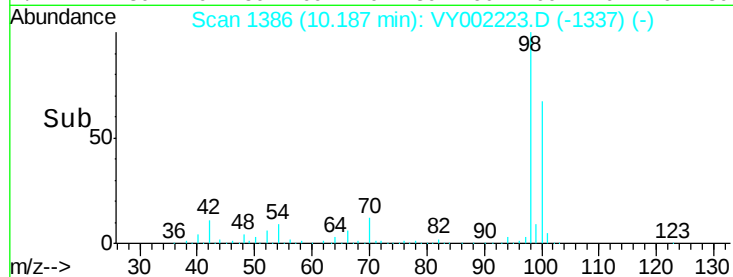
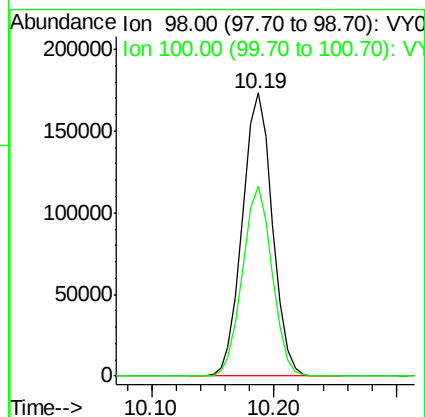
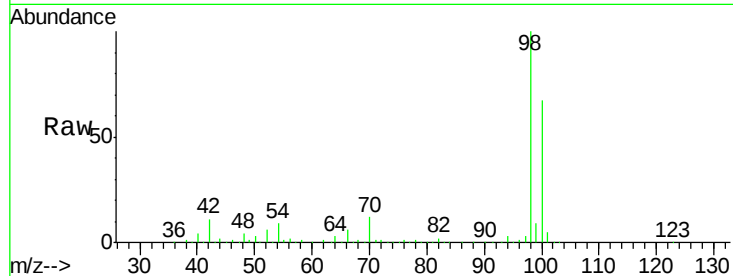
RBR-2520699

Tot Ion: 98 Resp: 294549

Ion Ratio Lower Upper

98 100

100 66.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.431 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

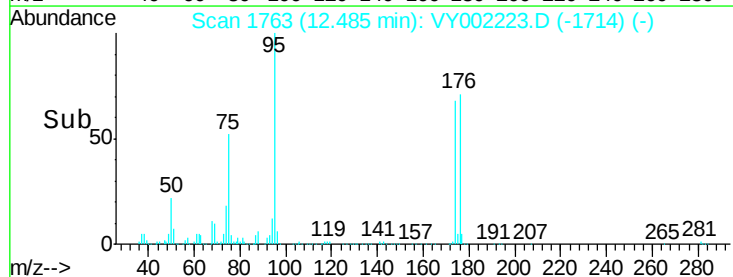
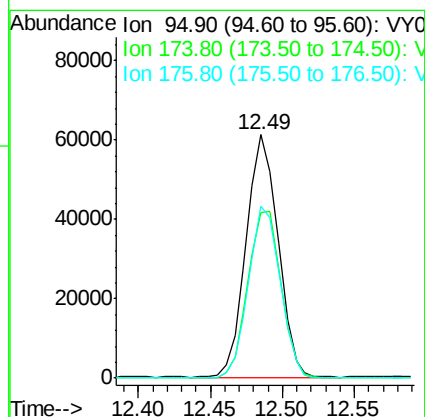
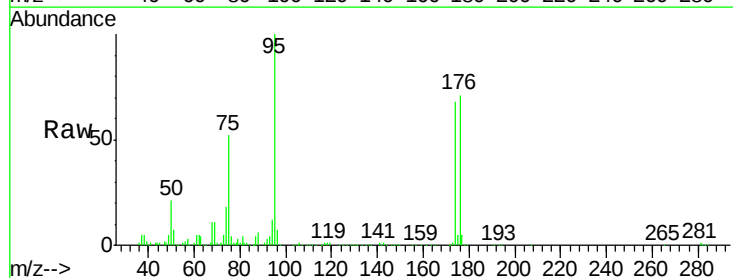
Tgt Ion: 95 Resp: 94009

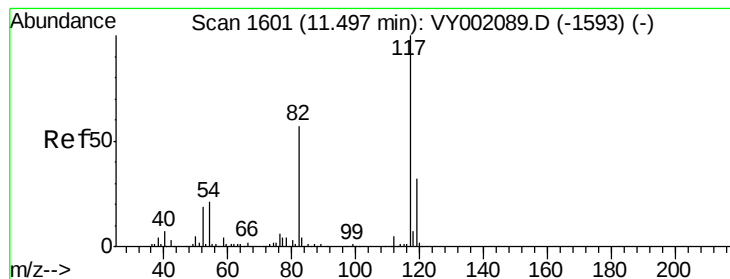
Ion Ratio Lower Upper

95 100

174 71.7 0.0 143.4

176 70.5 0.0 137.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

RBR-2520699

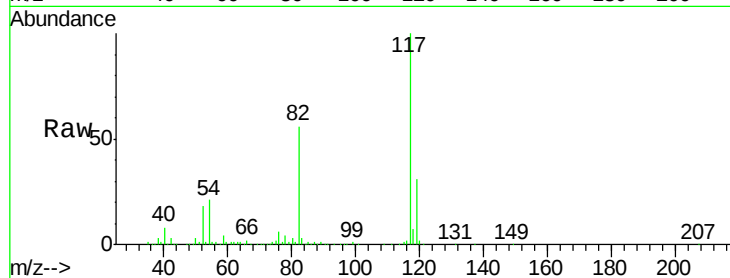
Tot Ion:117 Resp: 219192

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.2

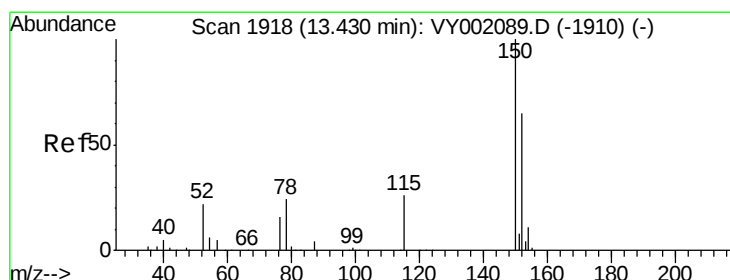
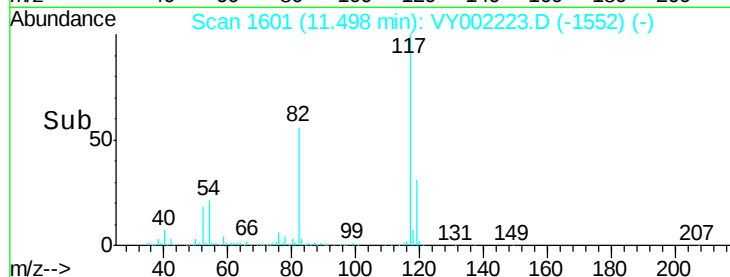
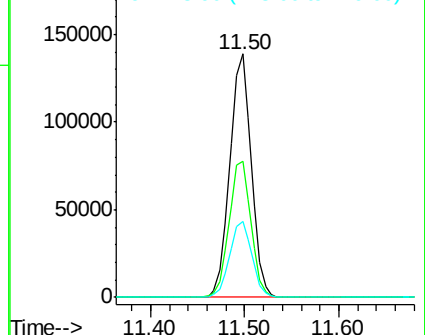
119 31.3 25.3 37.9



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002223.D

Acq: 03 Apr 2020 17:03

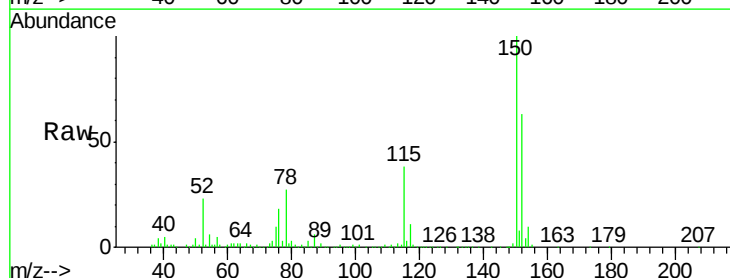
Tgt Ion:152 Resp: 84471

Ion Ratio Lower Upper

152 100

115 60.5 31.2 93.6

150 155.7 0.0 354.8



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

