

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002387.D
 Acq On : 17 Apr 2020 10:36
 Operator : SY/MD
 Sample : VY0417SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBL01

Quant Time: Apr 18 04:50:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	154335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294824	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	131868	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82937	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.74	113	91172	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.19	98	372746	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.50	95	130686	51.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.12%	

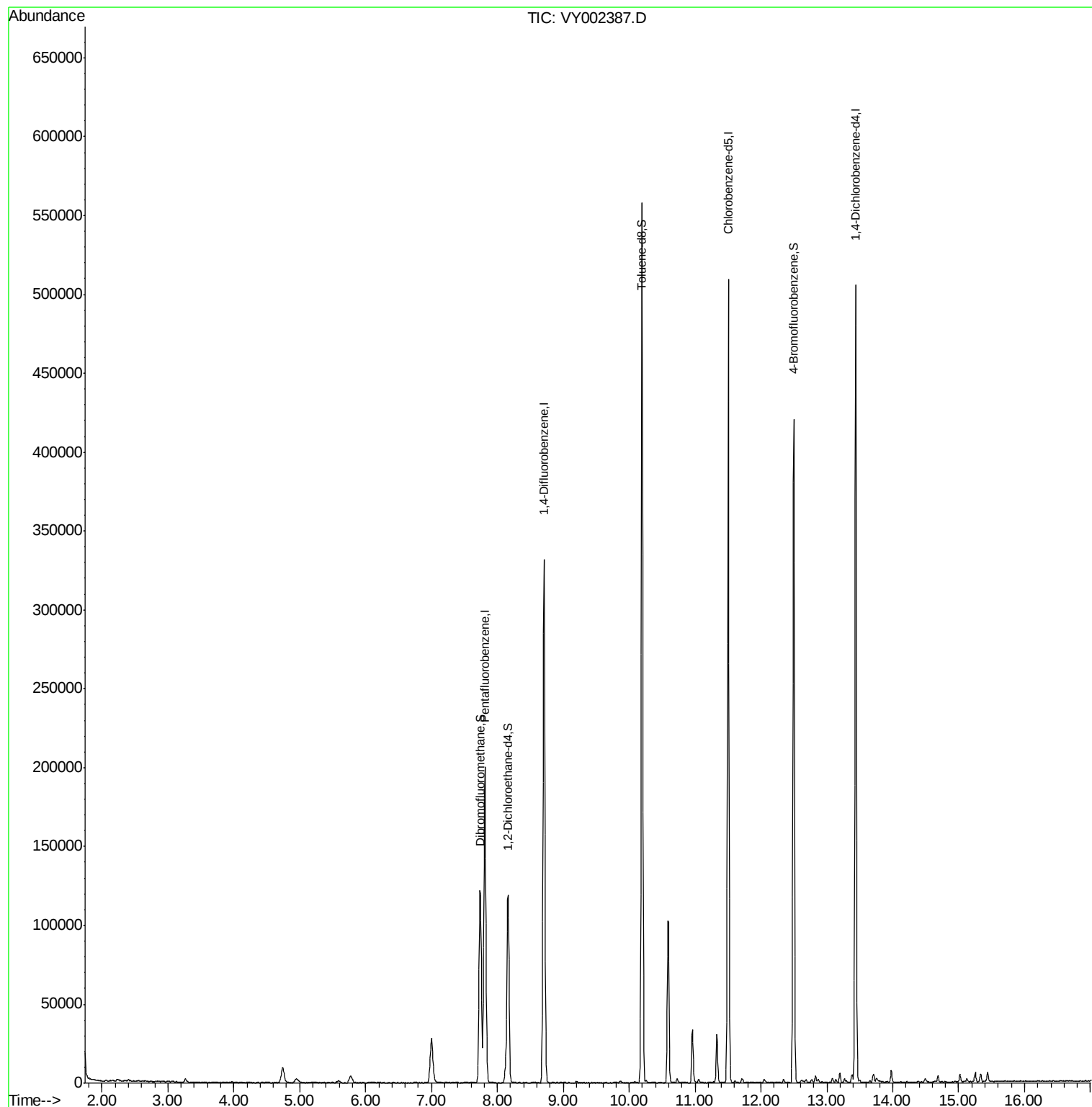
Target Compounds	Qvalue
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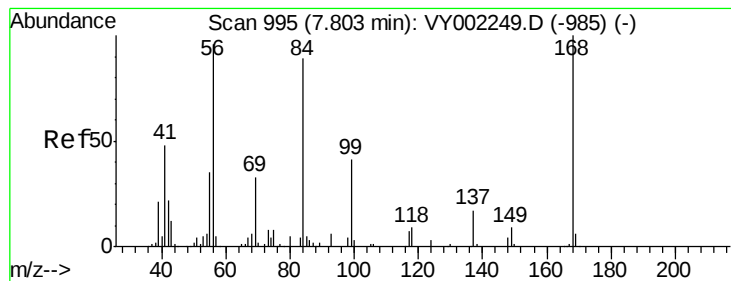
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

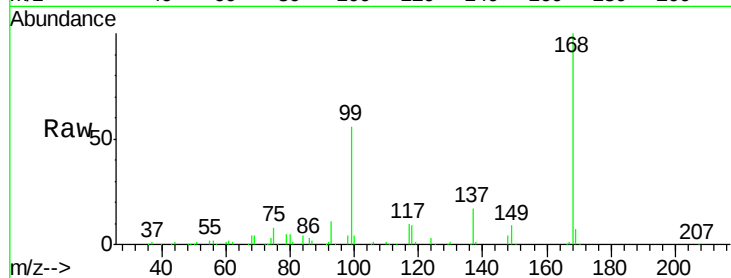
VY0417SBL01

Tot Ion:168 Resp: 154335

Ion Ratio Lower Upper

168 100

99 56.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

60000

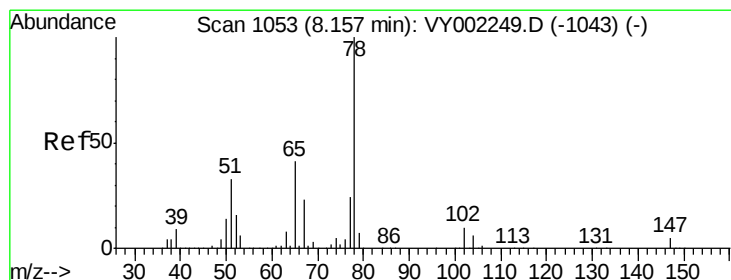
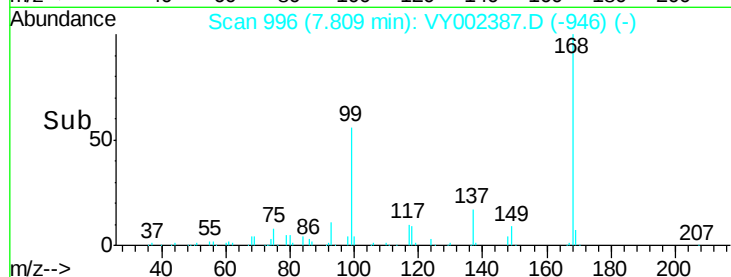
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.323 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002387.D

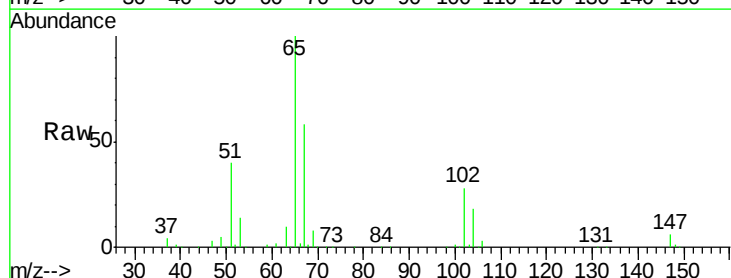
Acq: 17 Apr 2020 10:36

Tgt Ion: 65 Resp: 82937

Ion Ratio Lower Upper

65 100

67 57.6 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.16

40000

30000

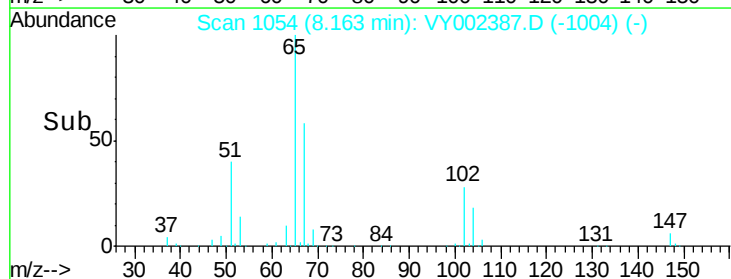
20000

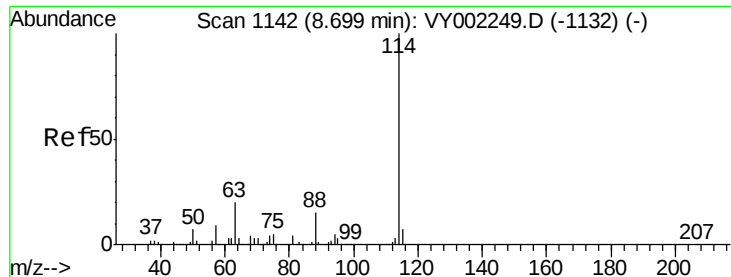
10000

0

Time-->

8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBL01

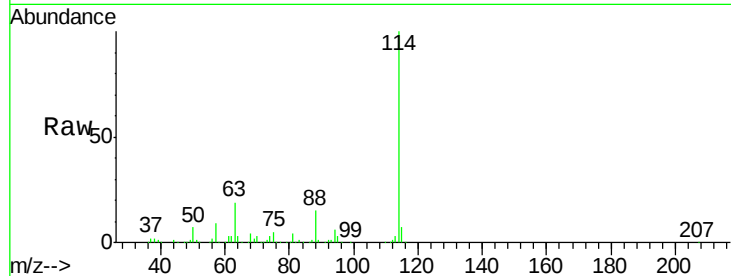
Tot Ion:114 Resp: 308452

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

88 15.3 0.0 31.0



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

200000

150000

100000

50000

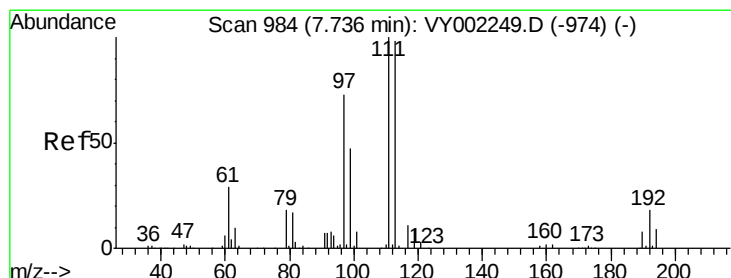
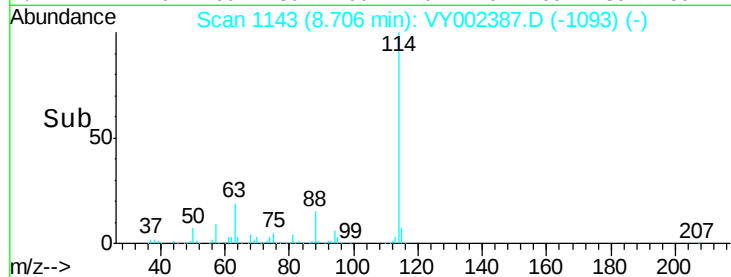
0

8.60

8.71

8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.674 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

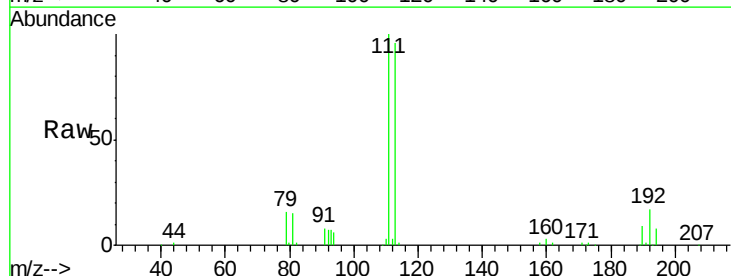
Tgt Ion:113 Resp: 91172

Ion Ratio Lower Upper

113 100

111 103.9 83.5 125.3

192 18.2 14.7 22.1



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

50000

40000

30000

20000

10000

0

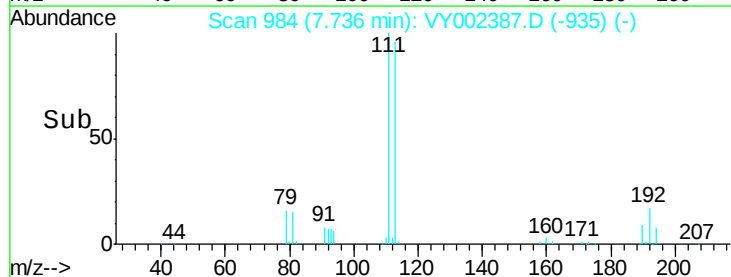
7.60

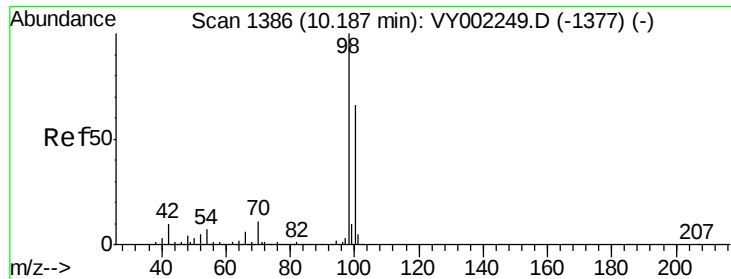
7.74

7.80

7.90

Time-->





#50

Toluene-d8

Concen: 48.521 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

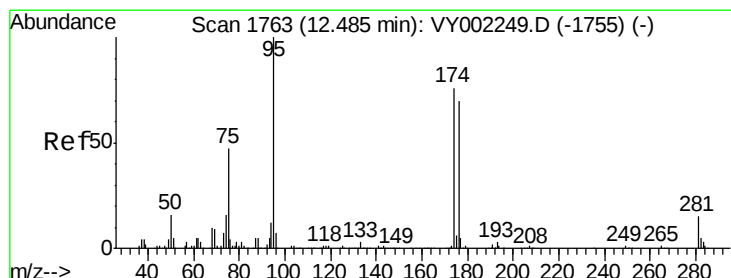
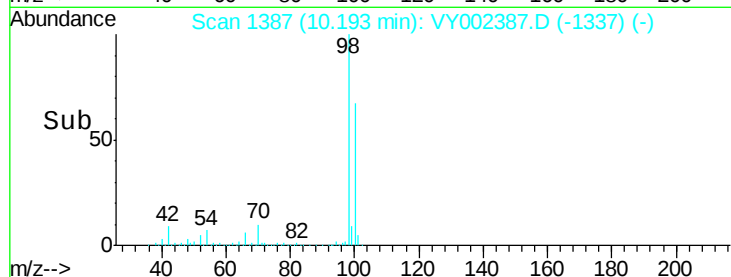
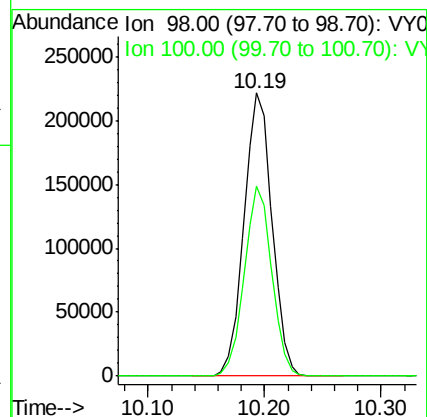
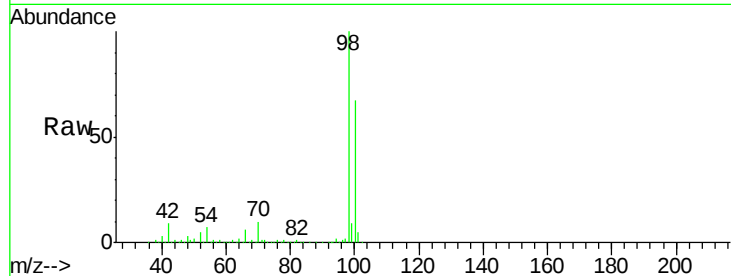
VY0417SBL01

Tot Ion: 98 Resp: 372746

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.564 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

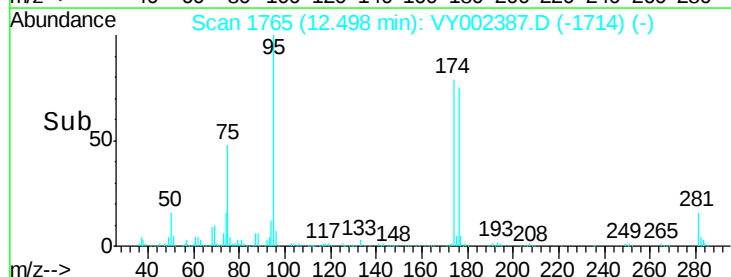
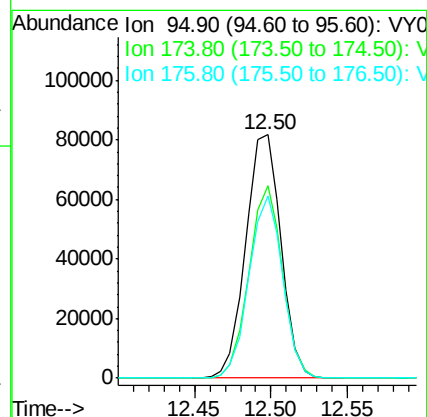
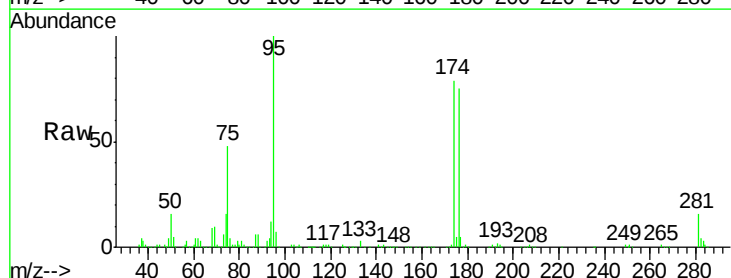
Tgt Ion: 95 Resp: 130686

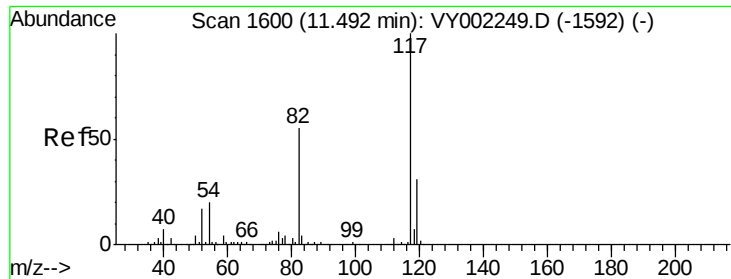
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 71.6 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBL01

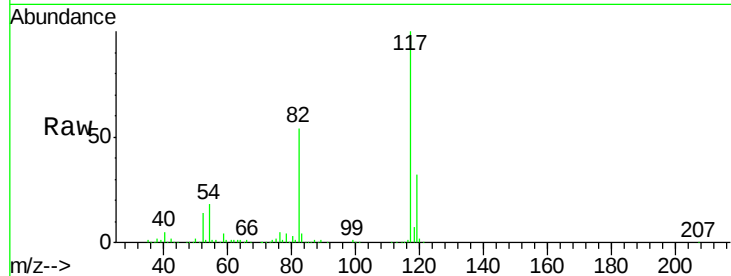
Tot Ion:117 Resp: 294824

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.4

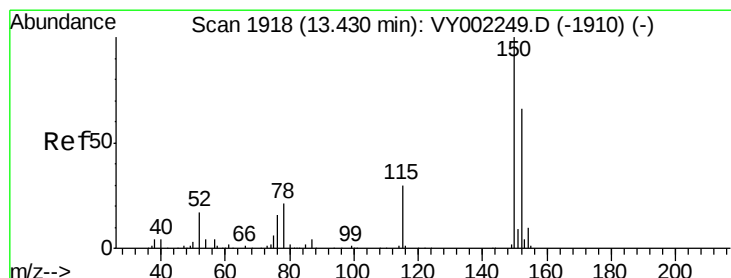
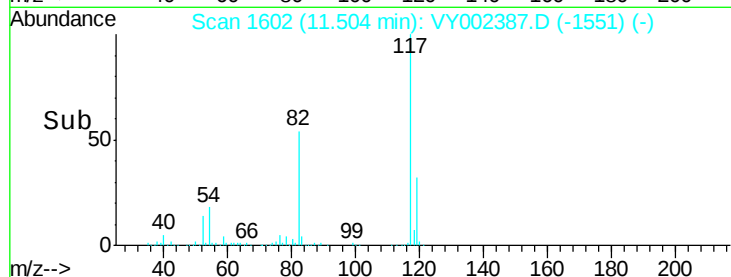
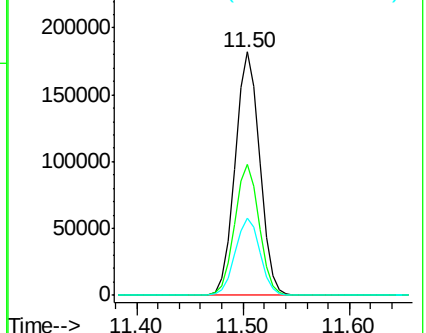
119 31.9 25.1 37.7



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: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002387.D

Acq: 17 Apr 2020 10:36

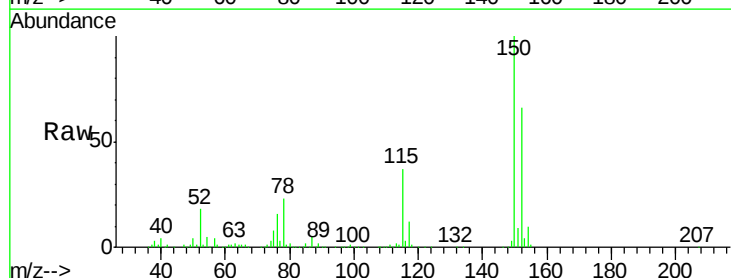
Tgt Ion:152 Resp: 131868

Ion Ratio Lower Upper

152 100

115 59.9 30.7 92.1

150 158.0 0.0 350.6



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

