

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002294.D
 Acq On : 13 Apr 2020 20:30
 Operator : SY/MD
 Sample : L2223-02
 Misc : 6.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-015-ABCD

Quant Time: Apr 14 07:59:39 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	142037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85332	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	7.74	113	85201	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.19	98	347782	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.49	95	120402	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

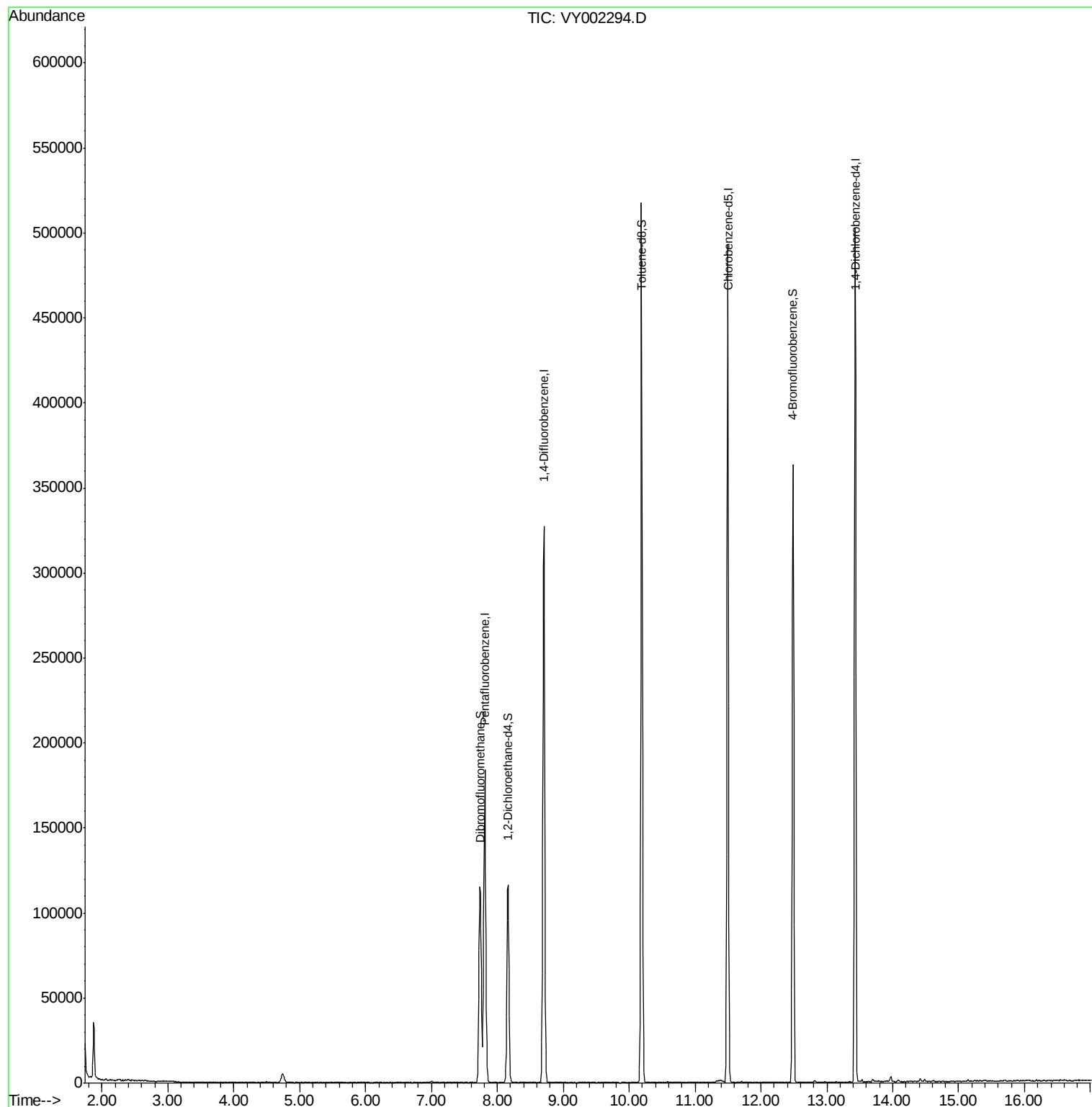
Target Compounds	Qvalue

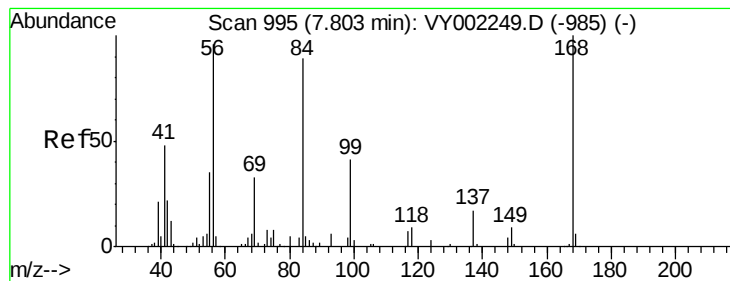
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

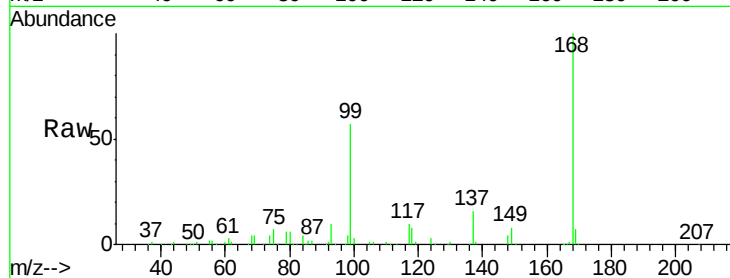
FK-BPM-03-015-ABCD

Tot Ion:168 Resp: 142037

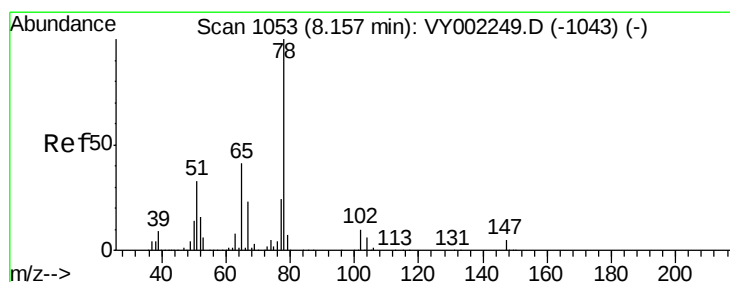
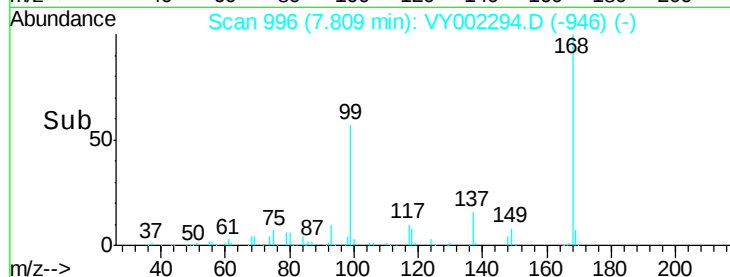
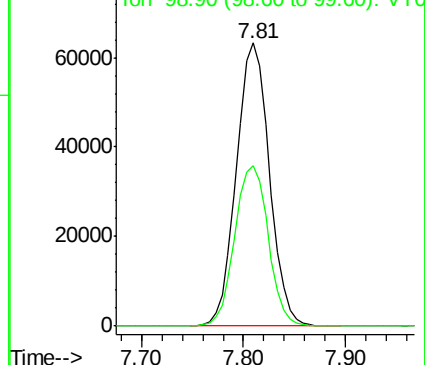
Ion Ratio Lower Upper

168 100

99 56.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002294.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.023 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002294.D

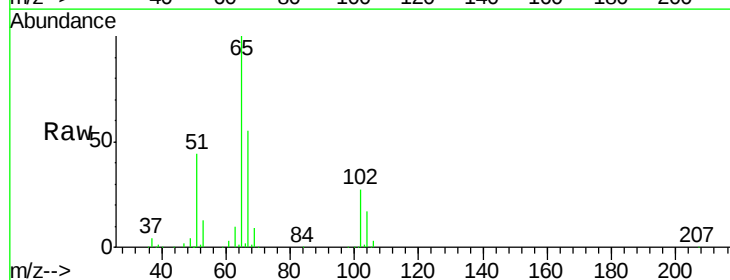
Acq: 13 Apr 2020 20:30

Tgt Ion: 65 Resp: 85332

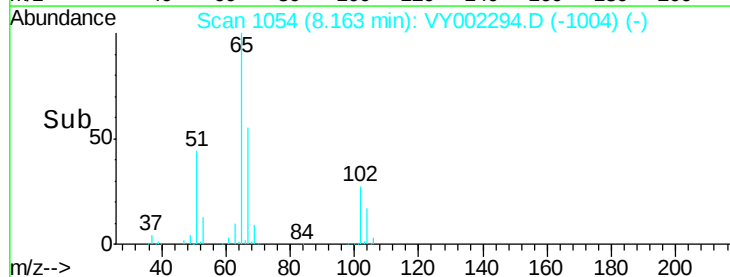
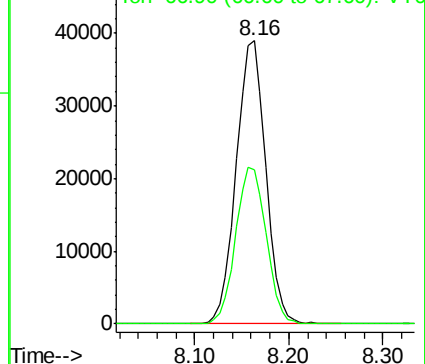
Ion Ratio Lower Upper

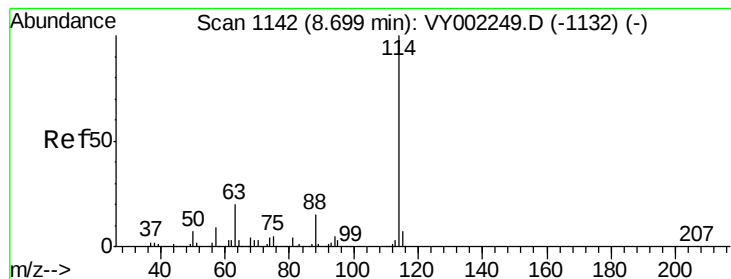
65 100

67 57.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002294.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-015-ABCD

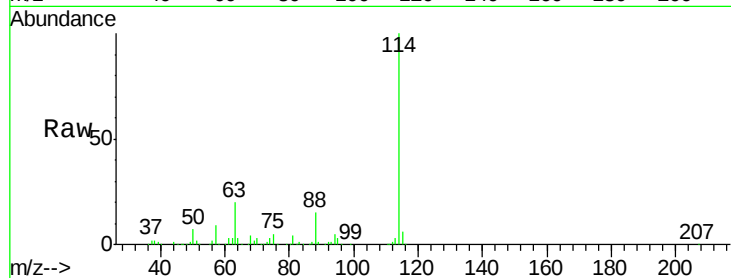
Tot Ion:114 Resp: 285196

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

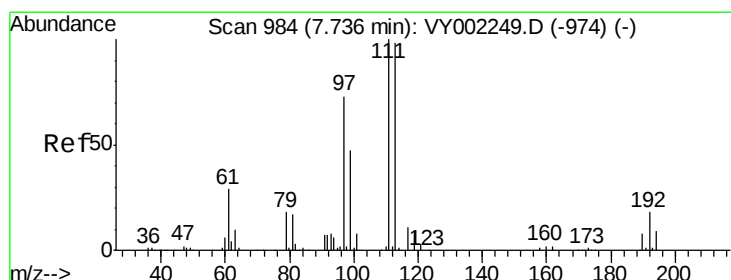
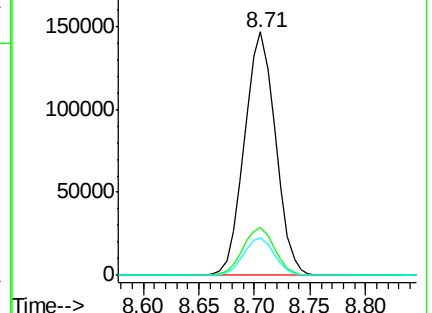
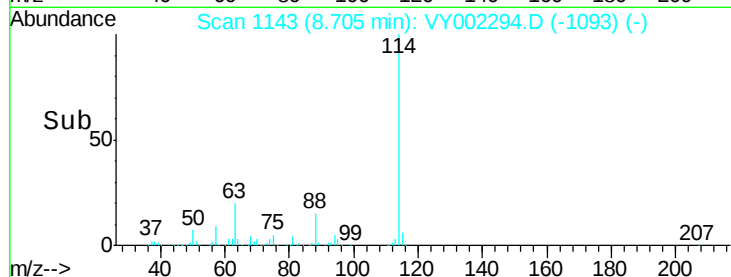
88 15.2 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 50.207 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

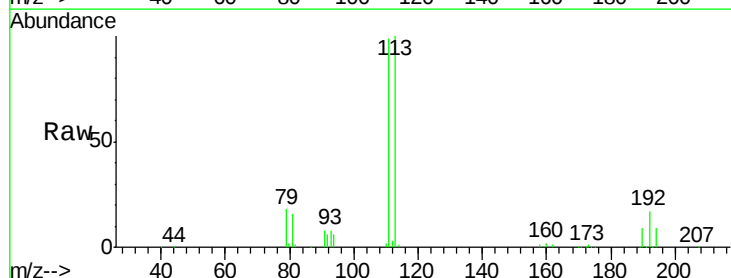
Tgt Ion:113 Resp: 85201

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

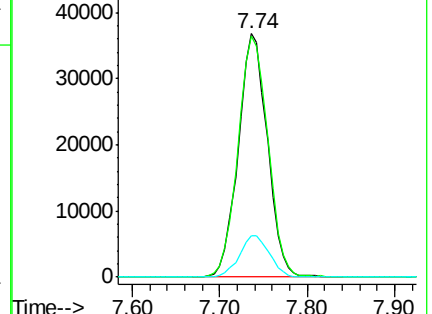
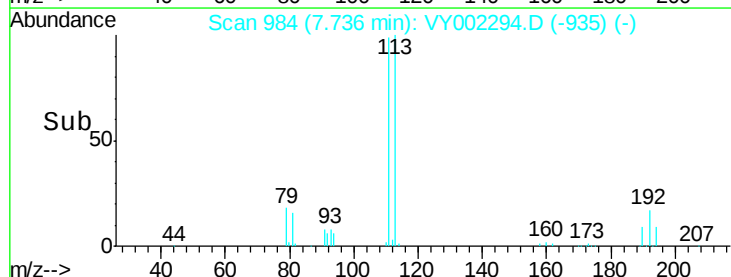
192 17.6 14.7 22.1

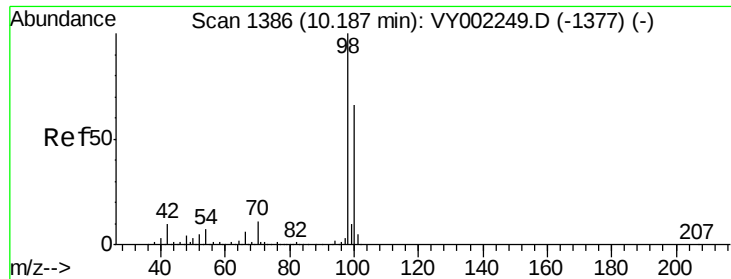


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.963 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

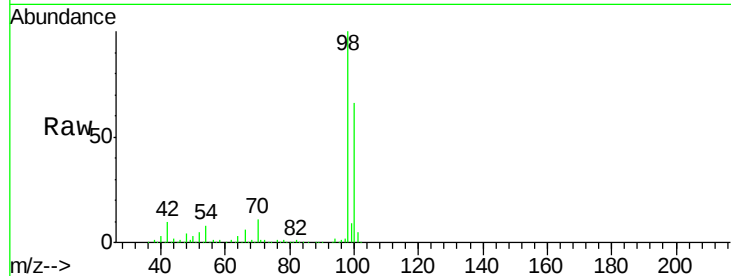
FK-BPM-03-015-ABCD

Tot Ion: 98 Resp: 347782

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

200000

150000

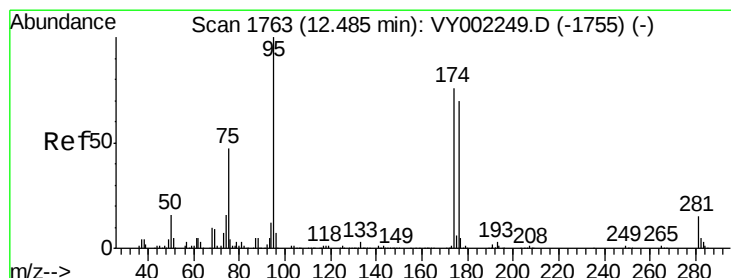
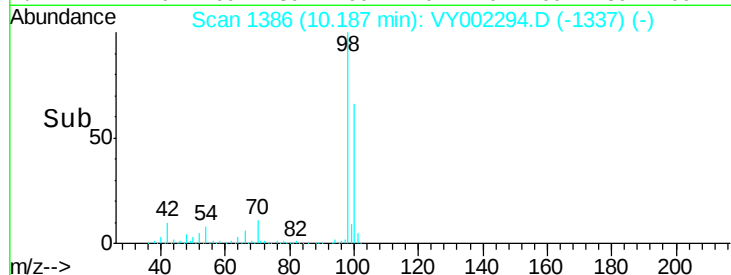
100000

50000

0

Time-->

10.10 10.20



#62

4-Bromofluorobenzene

Concen: 51.380 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

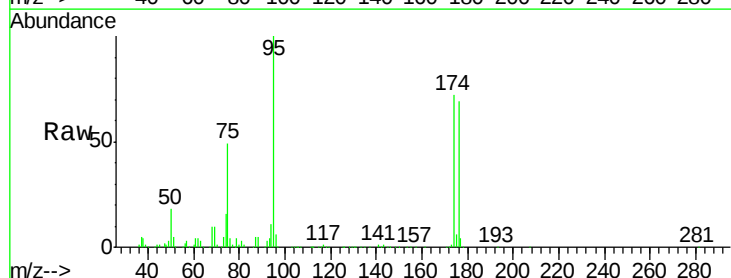
Tgt Ion: 95 Resp: 120402

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 71.6 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.49

100000

80000

60000

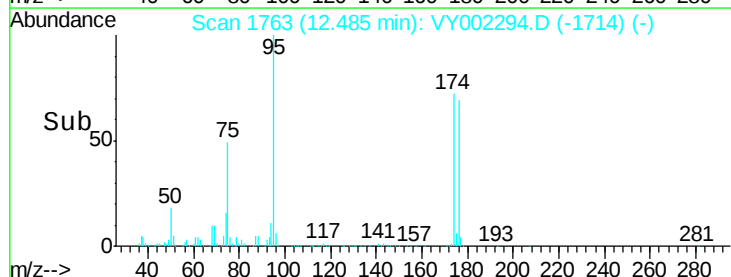
40000

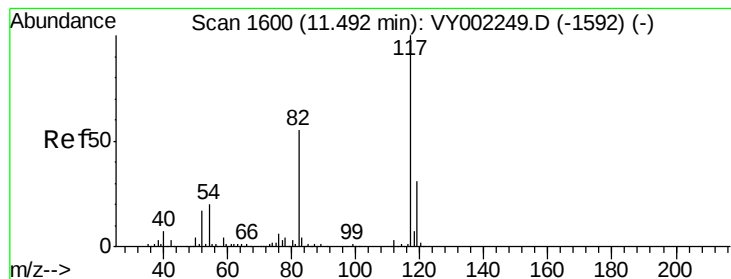
20000

0

Time-->

12.40 12.45 12.50 12.55





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-015-ABCD

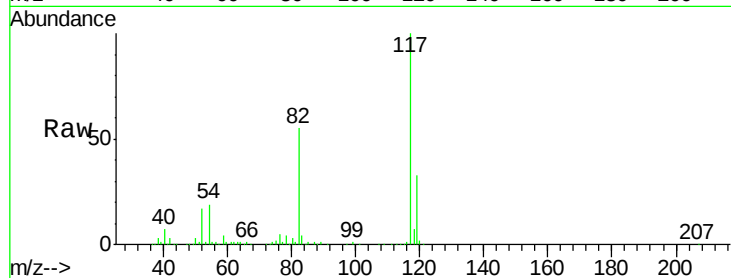
Tot Ion:117 Resp: 268487

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.4

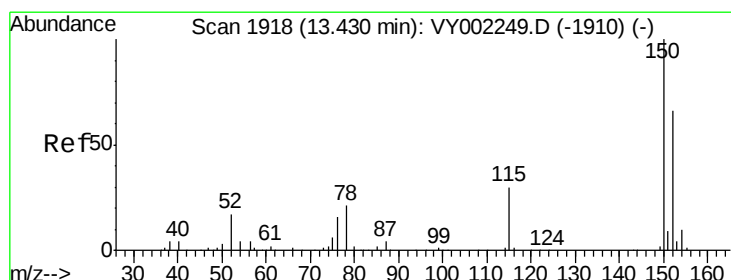
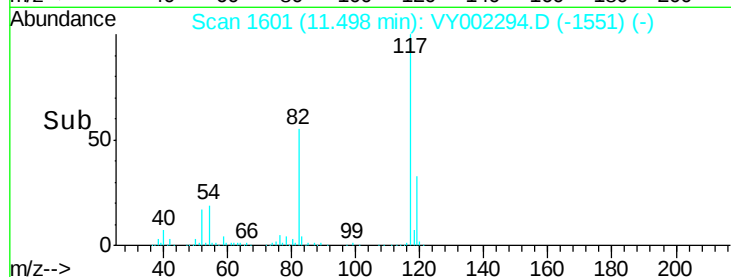
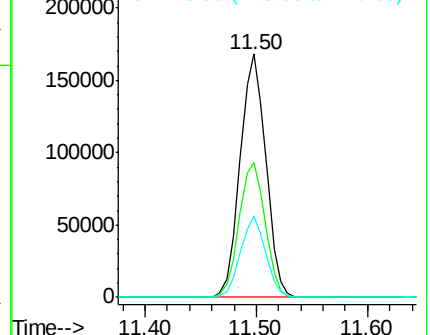
119 33.3 25.1 37.7



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

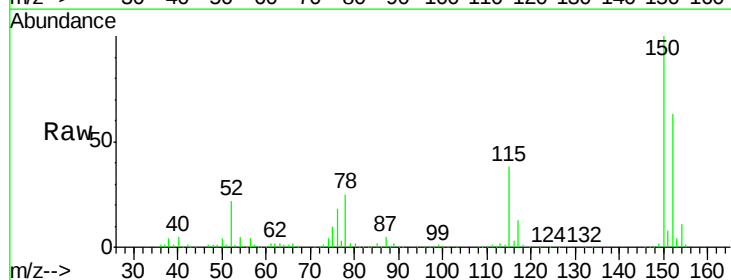
Tgt Ion:152 Resp: 122877

Ion Ratio Lower Upper

152 100

115 60.1 30.7 92.1

150 157.2 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

