

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001155.D
 Acq On : 10 Jan 2020 18:26
 Operator : SY/MD
 Sample : L1054-02
 Misc : 7.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-02-0-2

Quant Time: Jan 11 03:13:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	295839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	256644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90204	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.73	113	88738	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.18	98	348089	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.48	95	114978	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

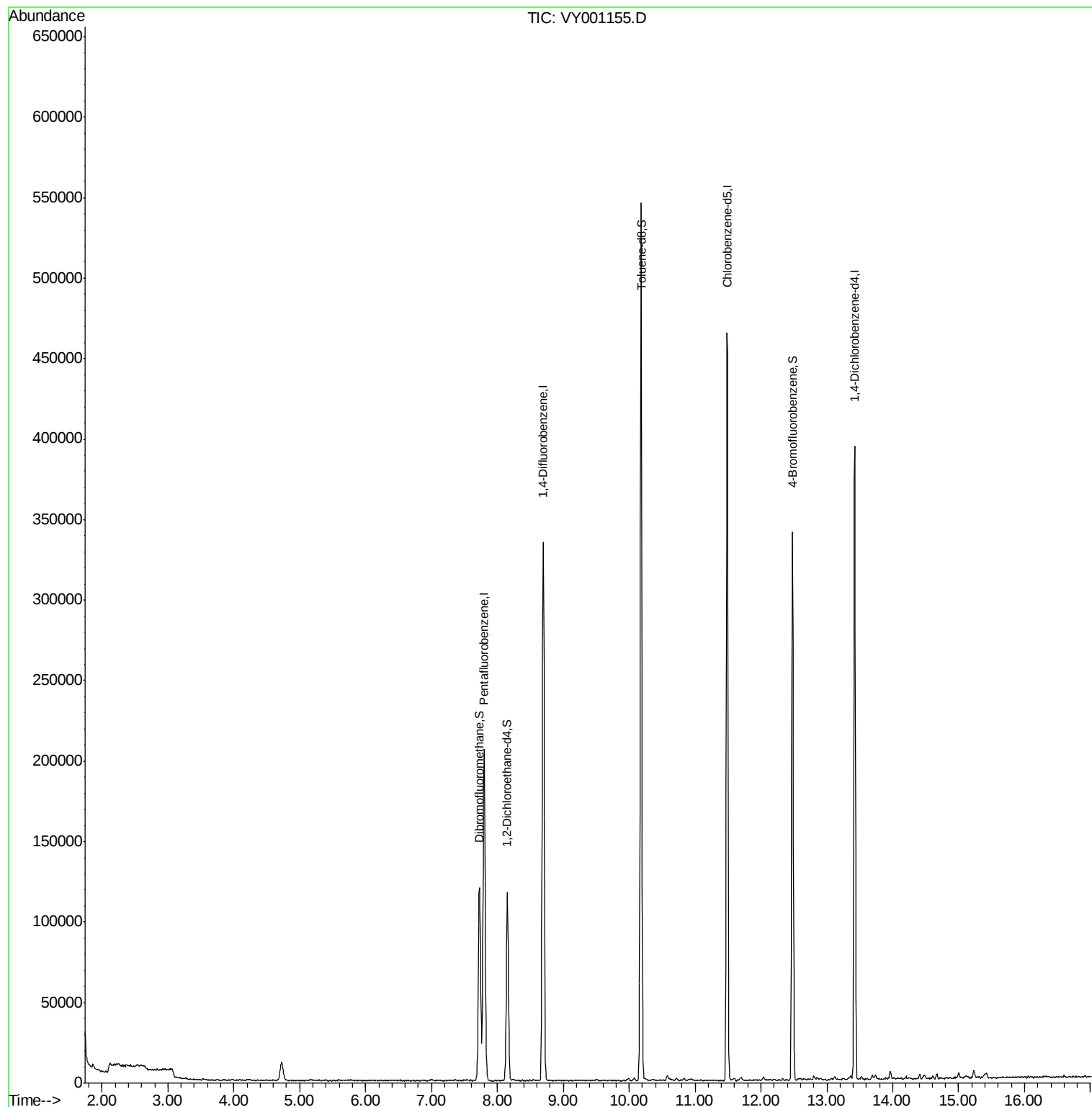
Target Compounds	Qvalue

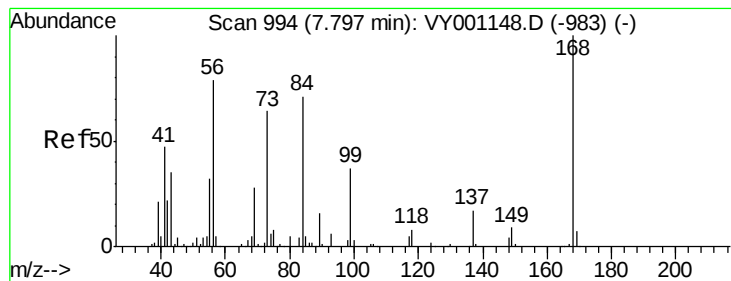
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
Data File : VY001155.D
Acq On : 10 Jan 2020 18:26
Operator : SY/MD
Sample : L1054-02
Misc : 7.99G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-0-2

Quant Time: Jan 11 03:13:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001155.D

Acq: 10 Jan 2020 18:26

Instrument :

MSVOA_Y

ClientSampleId :

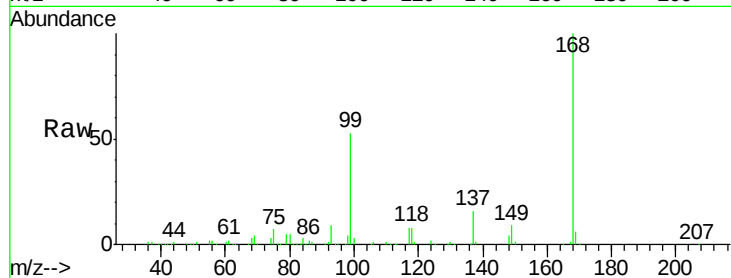
CIY1-SB-02-0-2

Tot Ion:168 Resp: 165281

Ion Ratio Lower Upper

168 100

99 52.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

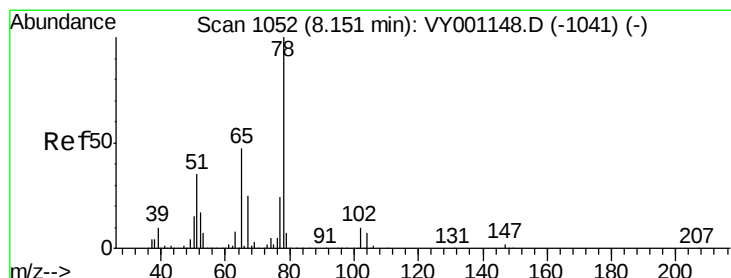
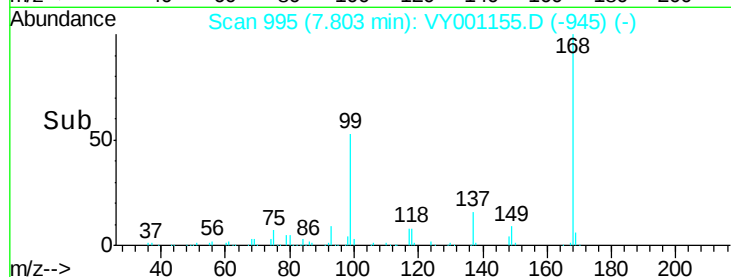
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.673 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001155.D

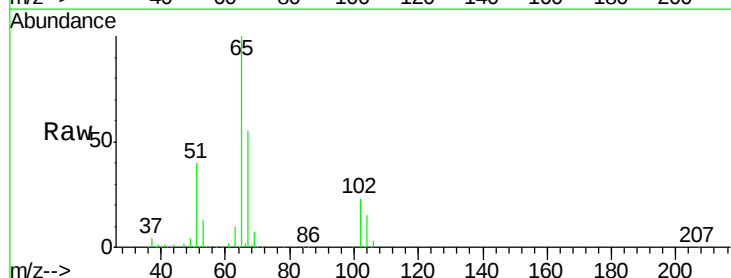
Acq: 10 Jan 2020 18:26

Tgt Ion: 65 Resp: 90204

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.15

40000

30000

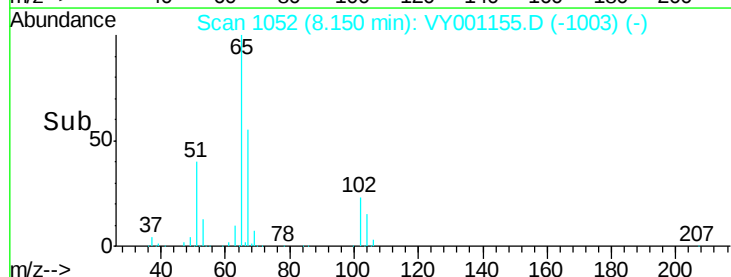
20000

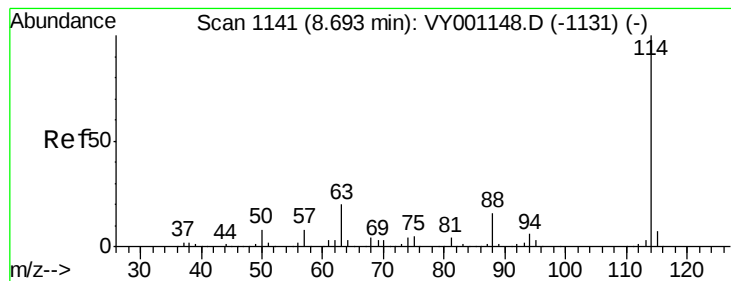
10000

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: VY001155.D

Acq: 10 Jan 2020 18:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-02-0-2

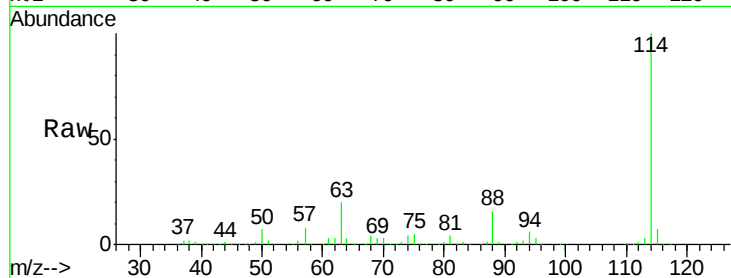
Tot Ion:114 Resp: 295839

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

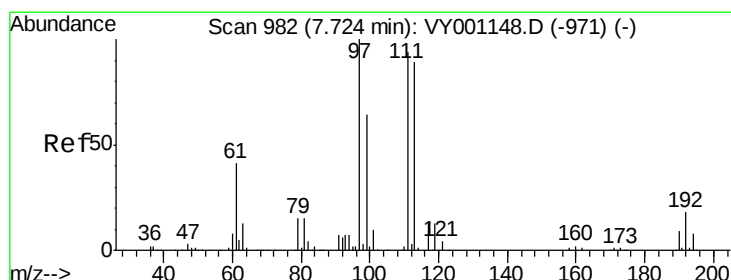
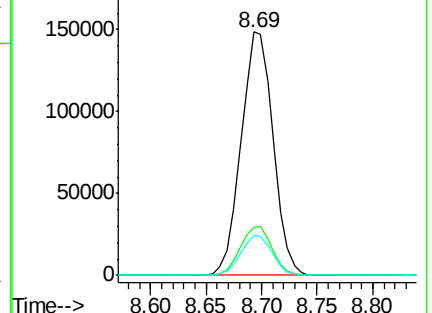
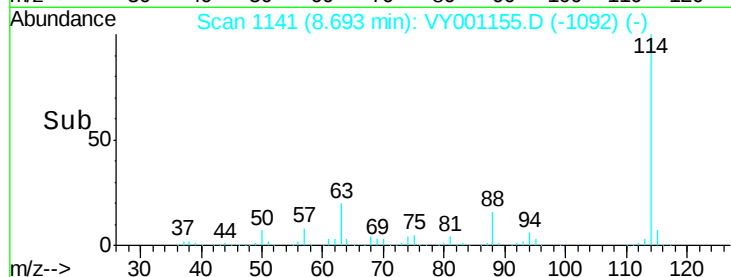
88 16.5 0.0 32.4



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: 51.230 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001155.D

Acq: 10 Jan 2020 18:26

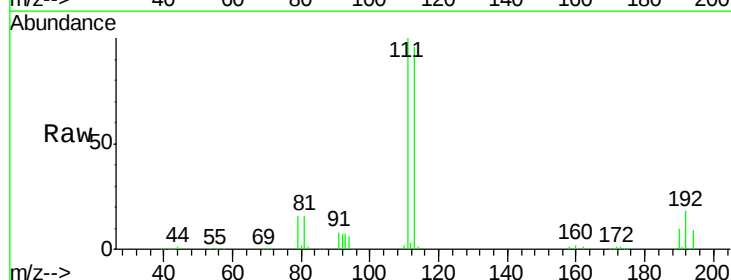
Tgt Ion:113 Resp: 88738

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

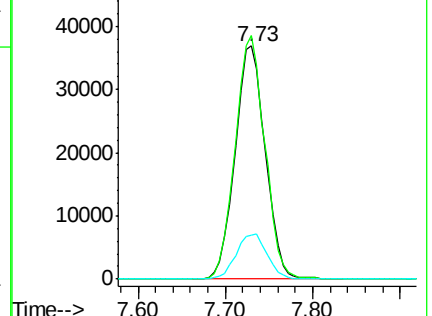
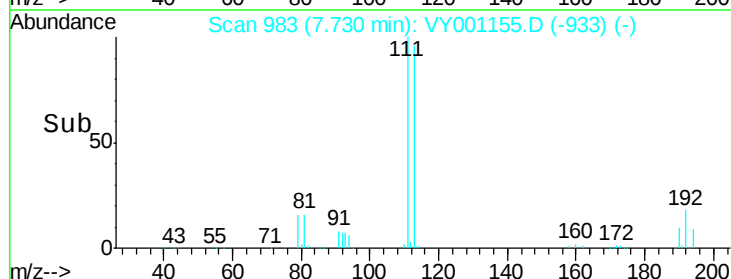
192 19.6 15.4 23.2

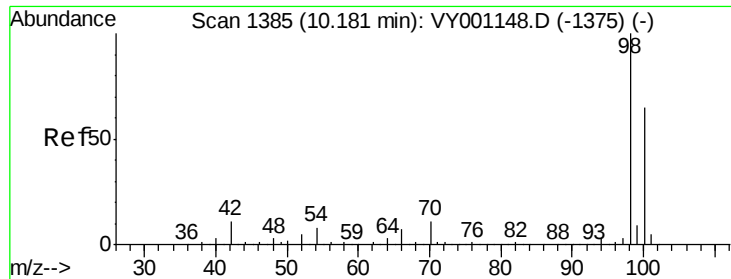


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.155 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001155.D

Acq: 10 Jan 2020 18:26

Instrument :

MSVOA_Y

ClientSampleId :

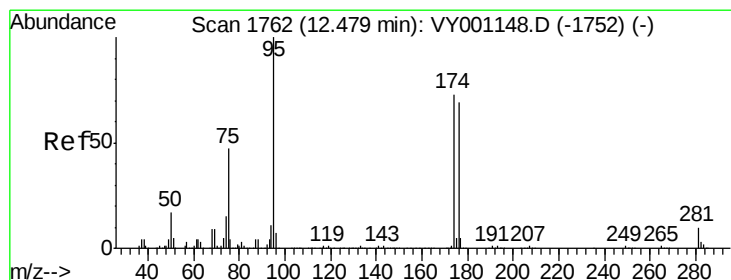
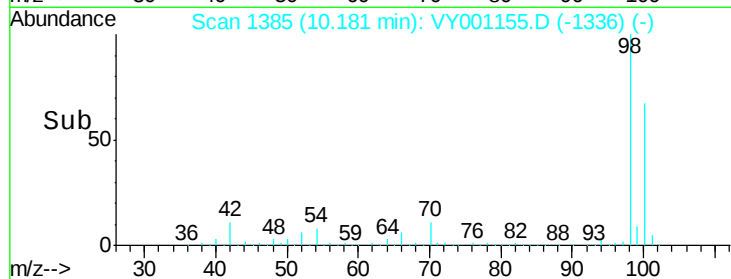
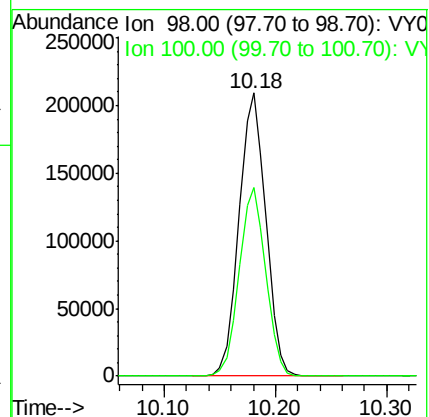
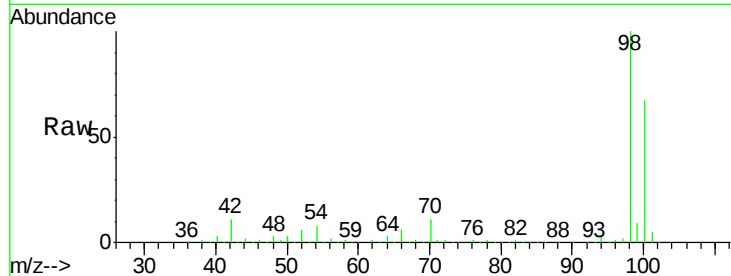
CIY1-SB-02-0-2

Tot Ion: 98 Resp: 348089

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001155.D

Acq: 10 Jan 2020 18:26

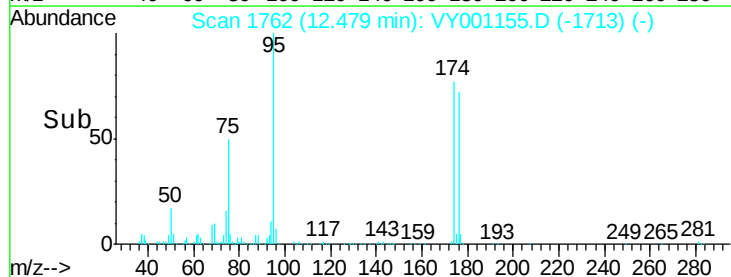
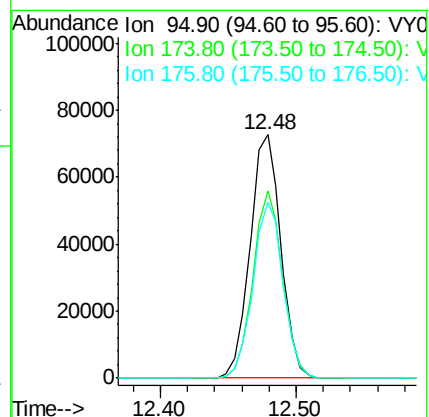
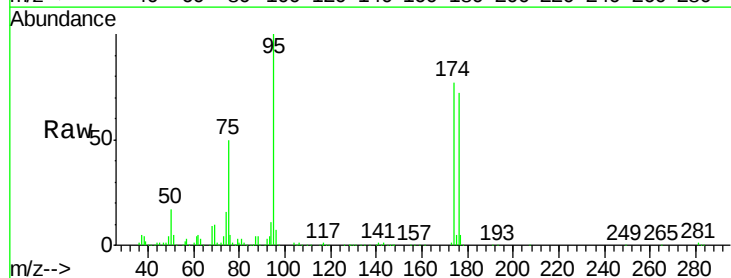
Tgt Ion: 95 Resp: 114978

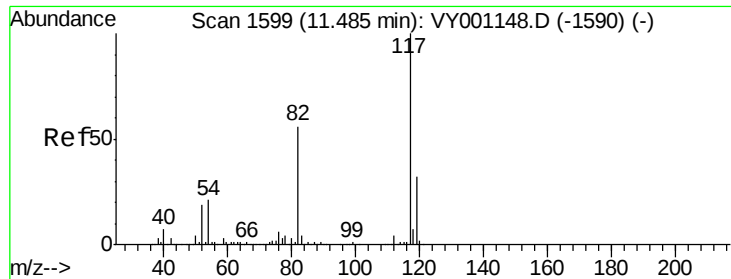
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 71.0 0.0 136.0

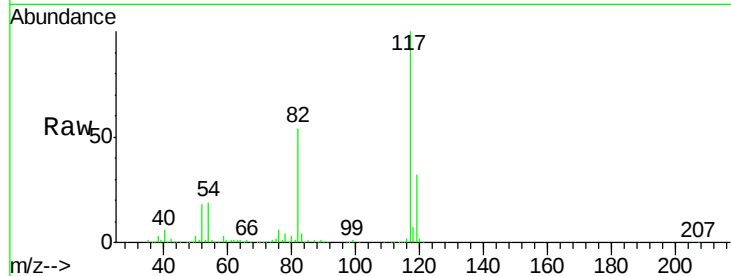




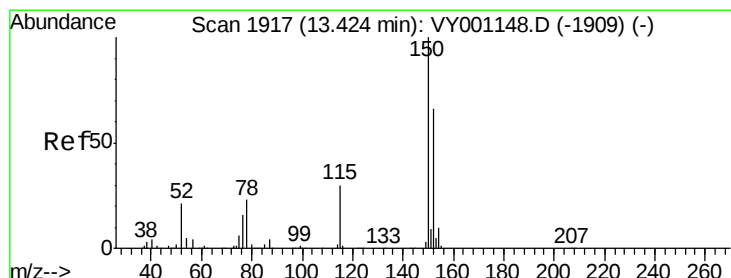
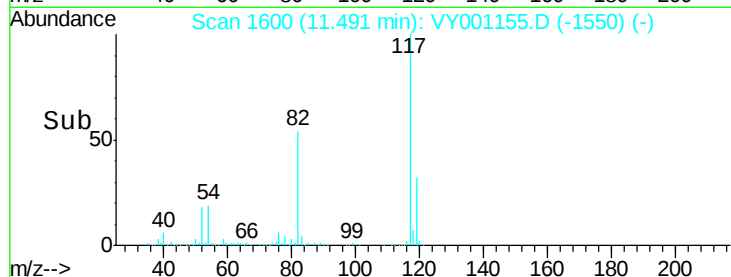
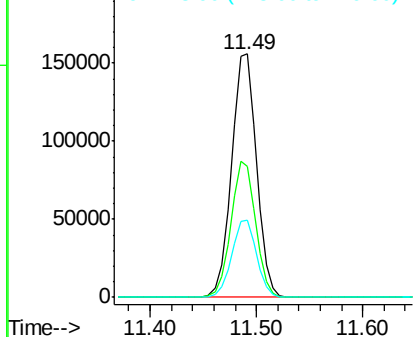
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001155.D
Acq: 10 Jan 2020 18:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-0-2

Tot Ion:117 Resp: 256644
Ion Ratio Lower Upper
117 100
82 53.7 44.9 67.3
119 32.0 25.7 38.5

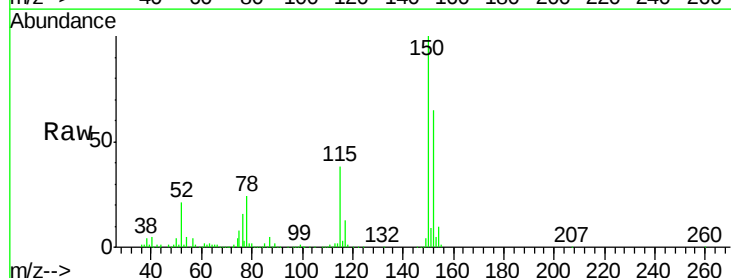


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001155.D
Acq: 10 Jan 2020 18:26

Tgt Ion:152 Resp: 98074
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.5
150 157.3 0.0 346.8



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

