

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001804.D
 Acq On : 28 Feb 2020 17:33
 Operator : SY/MD
 Sample : L1737-02
 Misc : 5.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-013-ABCD

Quant Time: Feb 28 22:48:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	146264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	282109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	90220	57.35	ug/l	0.00
Spiked Amount			Recovery	=	114.70%	
35) Dibromofluoromethane	7.75	113	82093	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	10.20	98	341328	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.49	95	117781	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	

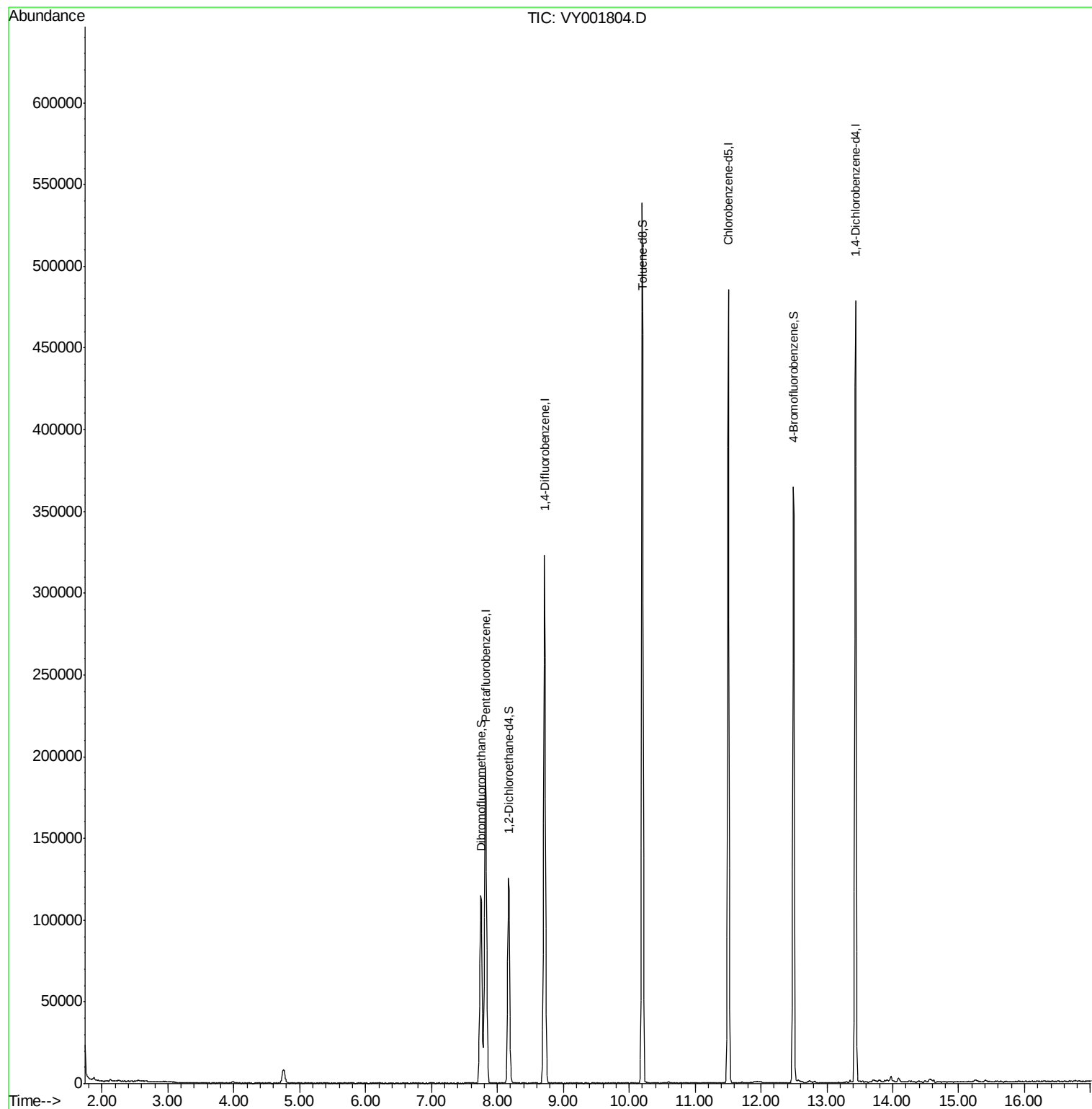
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

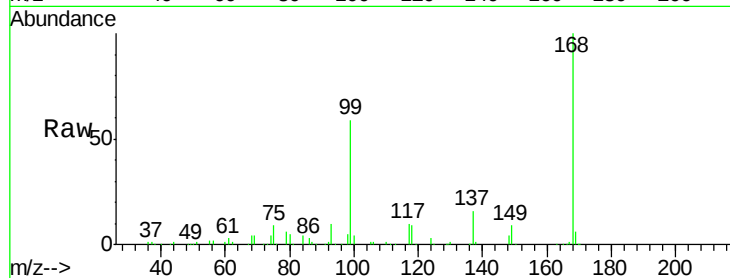
FK-BPM-03-013-ABCD

Tot Ion:168 Resp: 146264

Ion Ratio Lower Upper

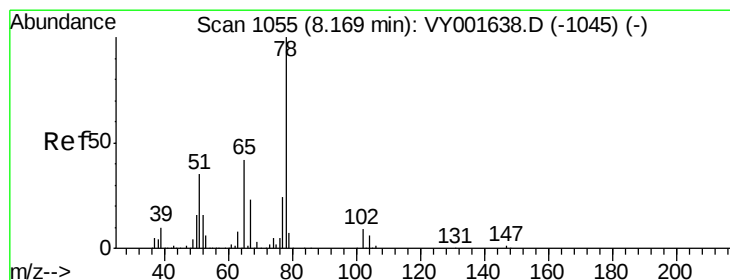
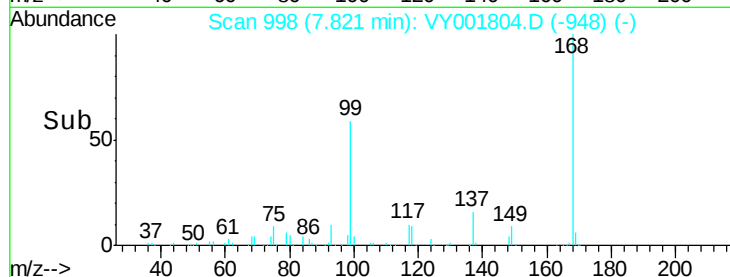
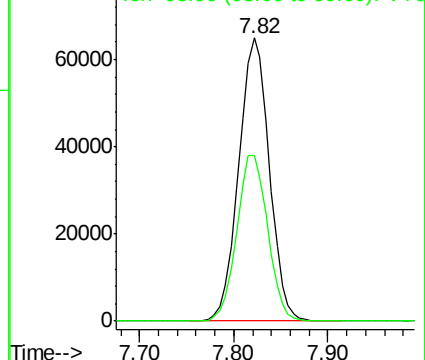
168 100

99 58.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001804.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001804.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.345 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001804.D

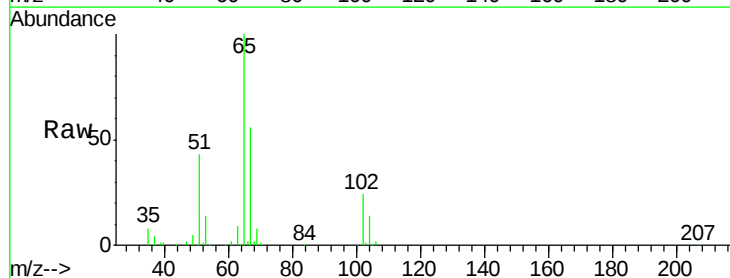
Acq: 28 Feb 2020 17:33

Tgt Ion: 65 Resp: 90220

Ion Ratio Lower Upper

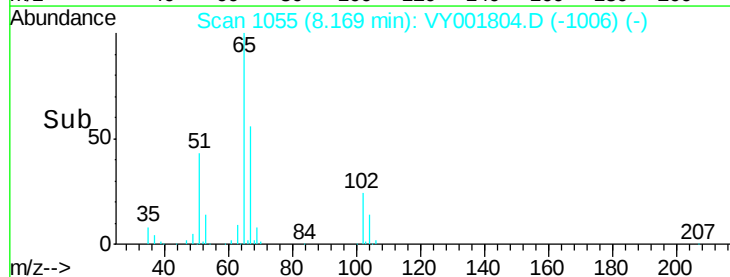
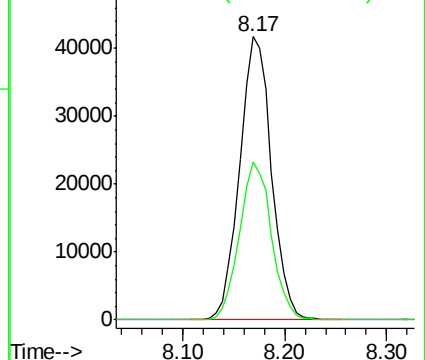
65 100

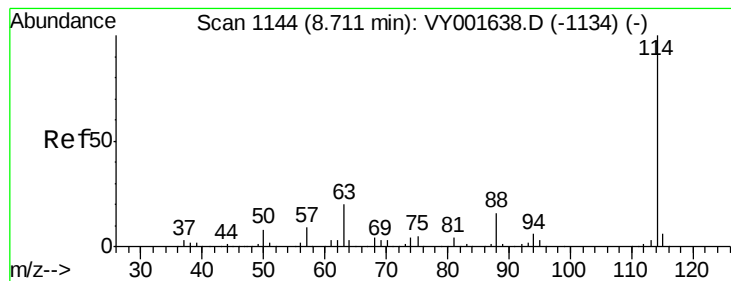
67 56.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001804.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001804.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-013-ABCD

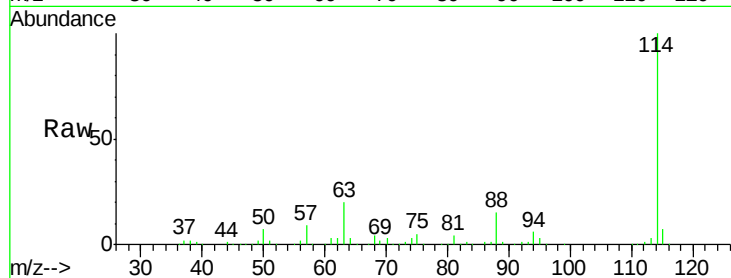
Tot Ion:114 Resp: 282109

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

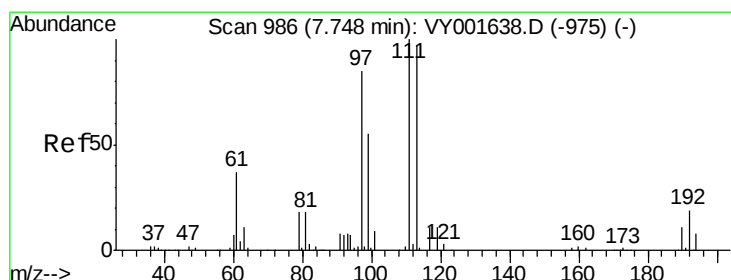
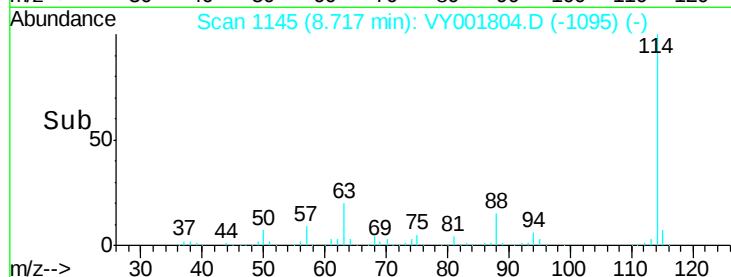
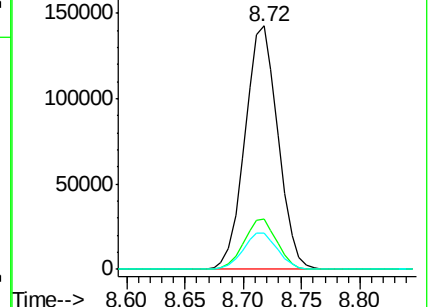
88 15.1 0.0 32.8



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: 50.807 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

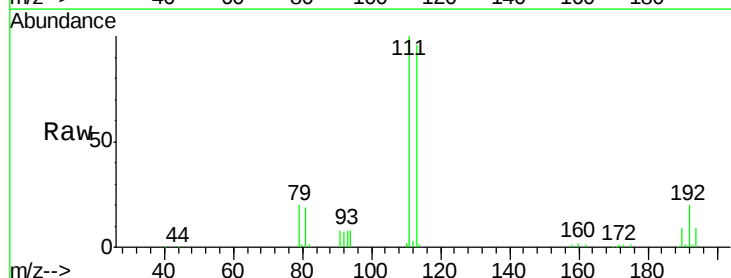
Tgt Ion:113 Resp: 82093

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

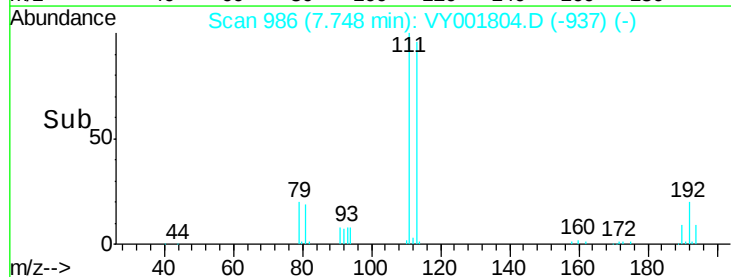
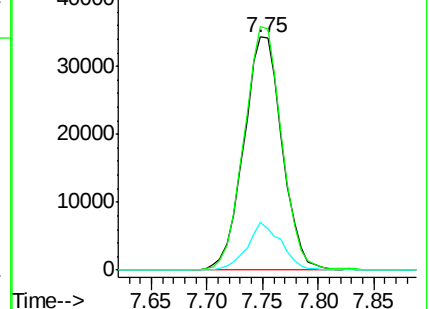
192 18.3 14.3 21.5

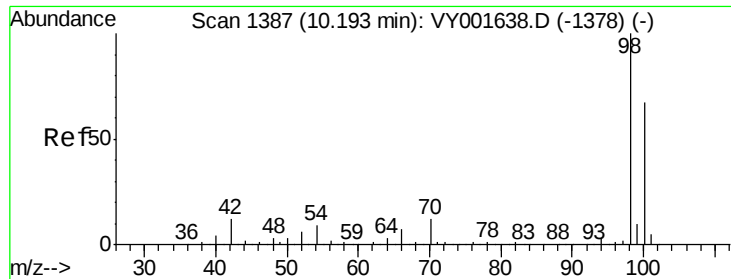


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.921 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

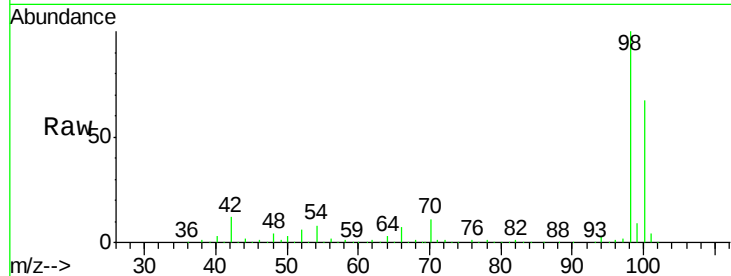
FK-BPM-03-013-ABCD

Tot Ion: 98 Resp: 341328

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.20

200000

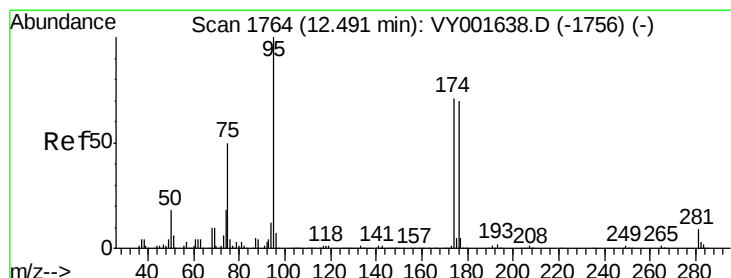
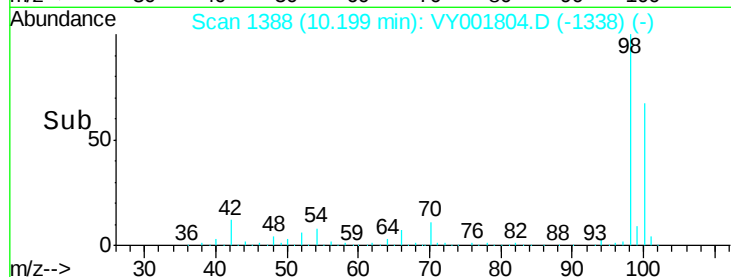
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.894 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

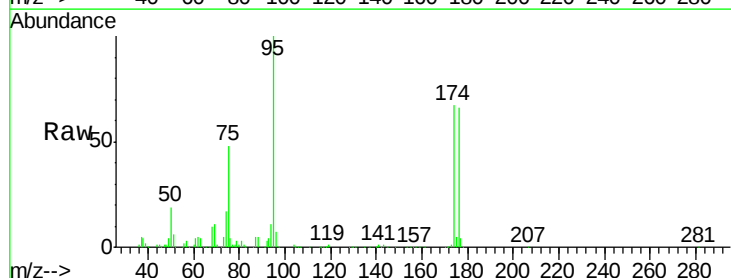
Tgt Ion: 95 Resp: 117781

Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.4

176 70.1 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

100000

80000

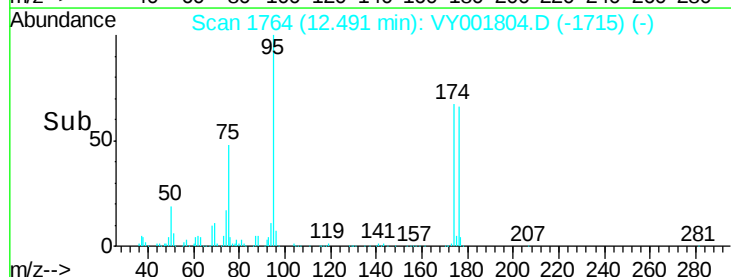
60000

40000

20000

0

Time-->

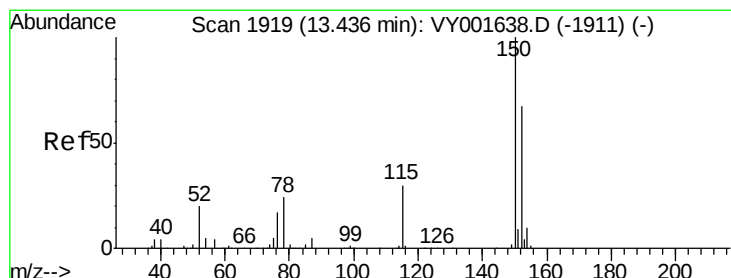
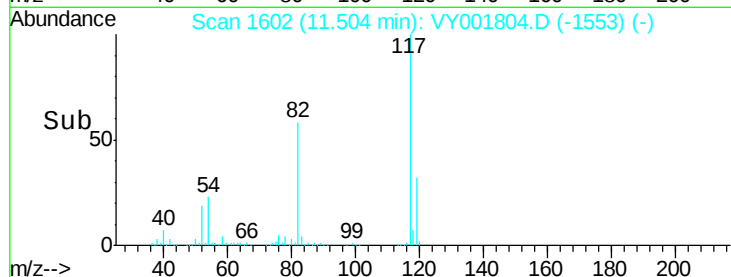
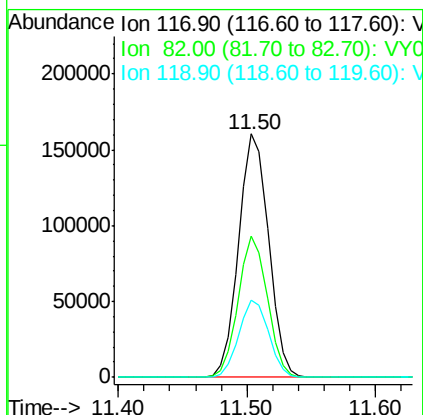
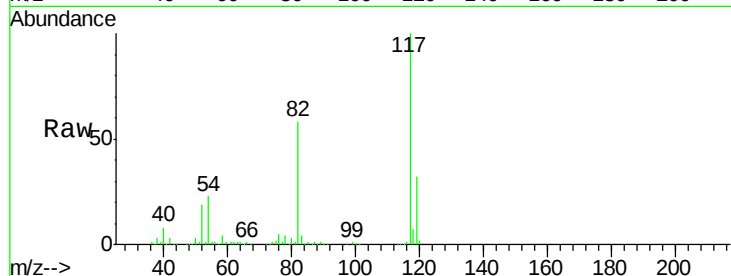




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-013-ABCD

Tot Ion:117 Resp: 257982
Ion Ratio Lower Upper
117 100
82 58.2 45.5 68.3
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Tgt Ion:152 Resp: 116507
Ion Ratio Lower Upper
152 100
115 61.3 31.4 94.2
150 157.7 0.0 407.2

