

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001737.D
 Acq On : 21 Feb 2020 13:13
 Operator : SY/MD
 Sample : L1623-02
 Misc : 7.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-5-5.5

Quant Time: Feb 22 04:14:00 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	168324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102481	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	7.74	113	90708	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.20	98	376632	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.50	95	125027	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

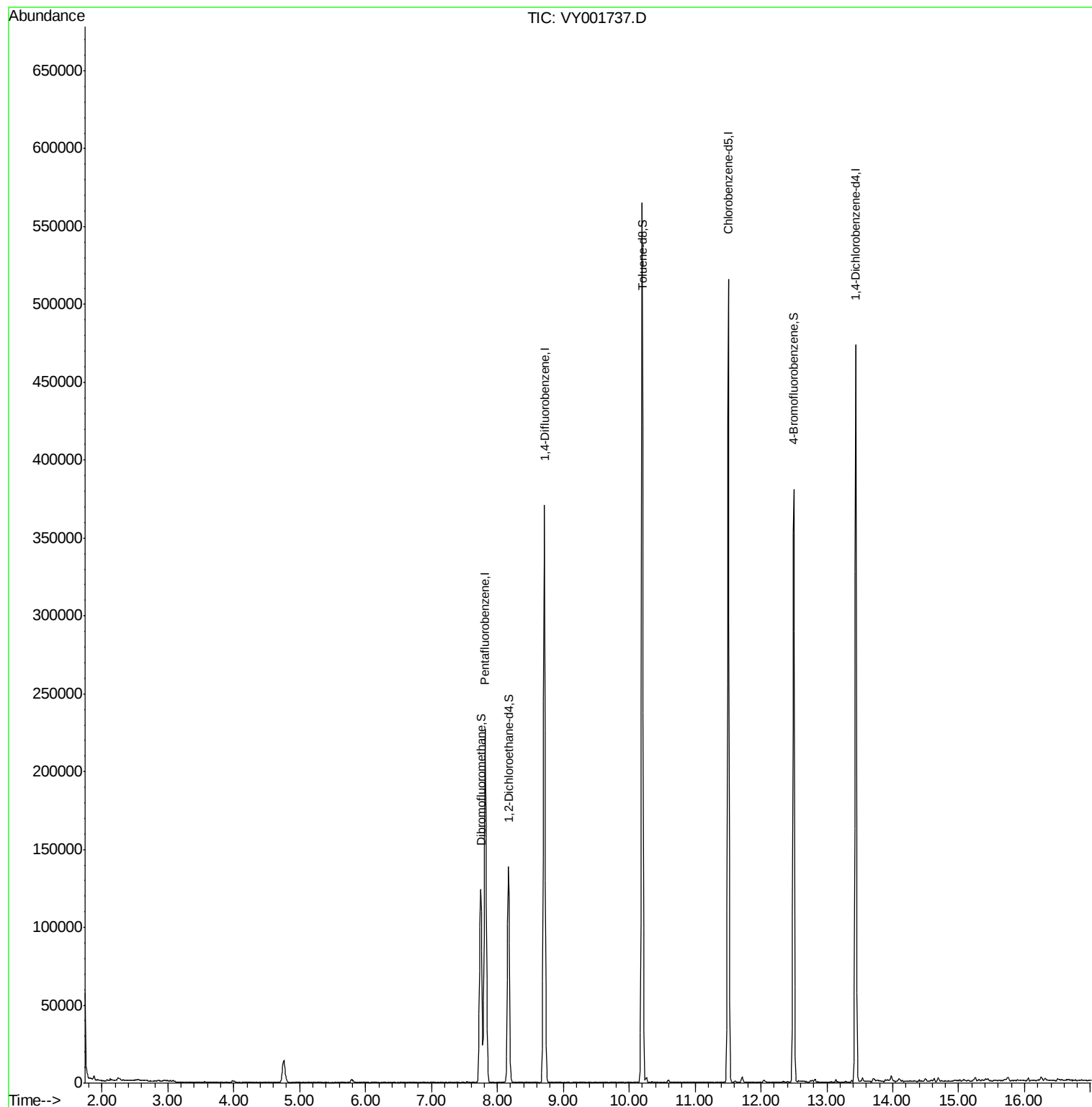
Target Compounds	Qvalue

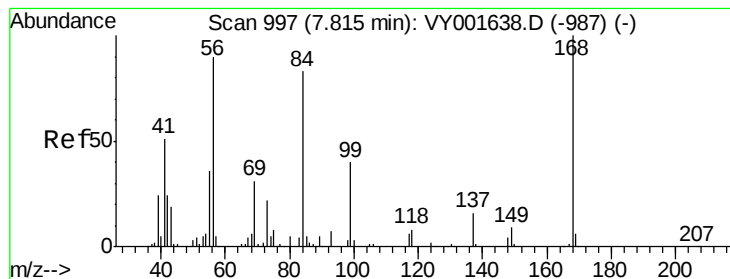
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001737.D

Acq: 21 Feb 2020 13:13

Instrument :

MSVOA_Y

ClientSampleId :

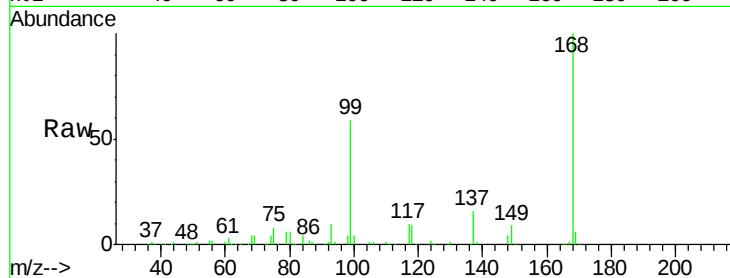
SB2-5-5.5

Tot Ion:168 Resp: 168324

Ion Ratio Lower Upper

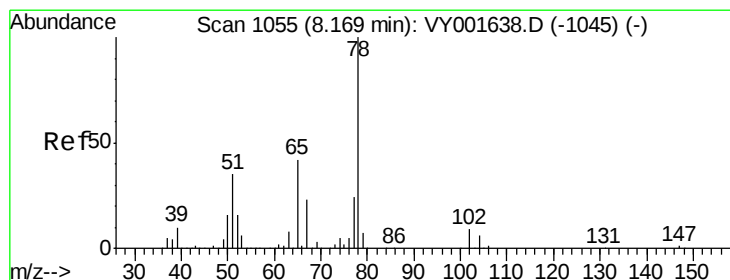
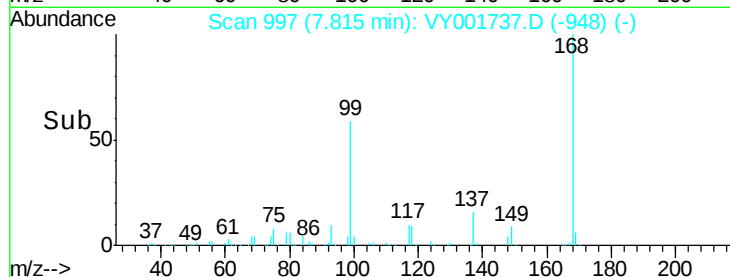
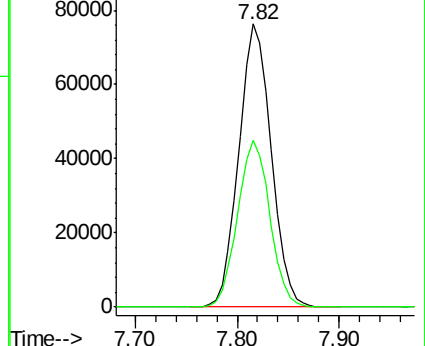
168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001737.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001737.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.602 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001737.D

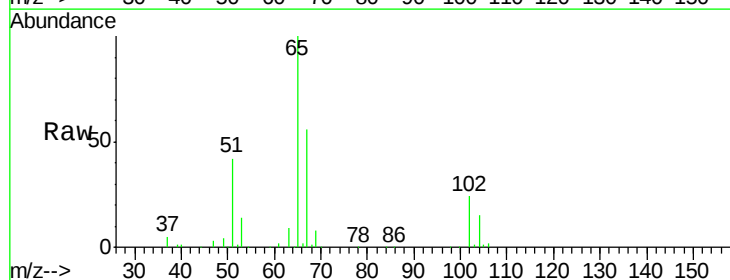
Acq: 21 Feb 2020 13:13

Tgt Ion: 65 Resp: 102481

Ion Ratio Lower Upper

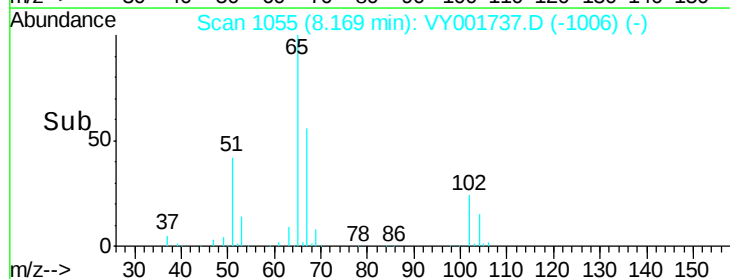
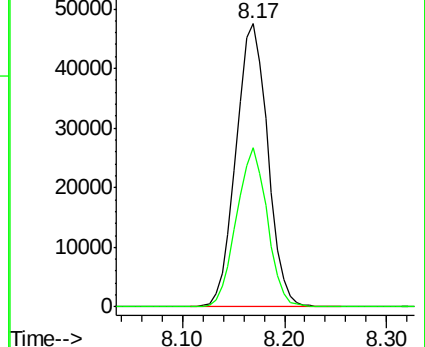
65 100

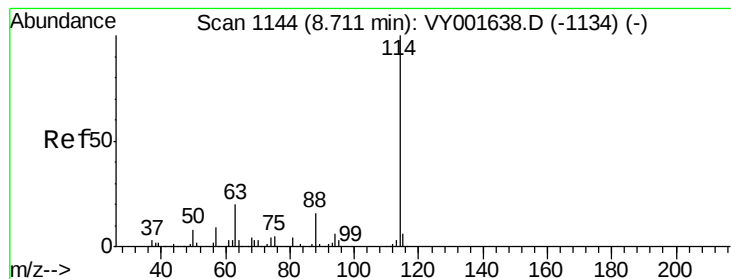
67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001737.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001737.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001737.D

Acq: 21 Feb 2020 13:13

Instrument :

MSVOA_Y

ClientSampleId :

SB2-5-5.5

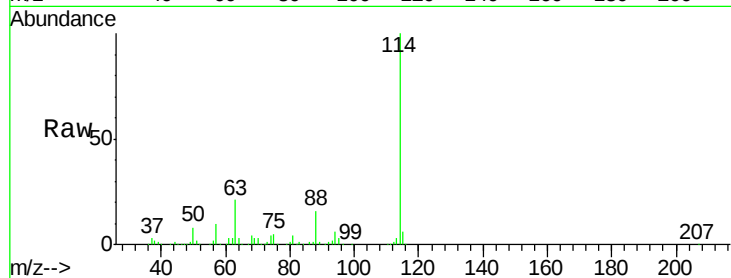
Tot Ion:114 Resp: 311978

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

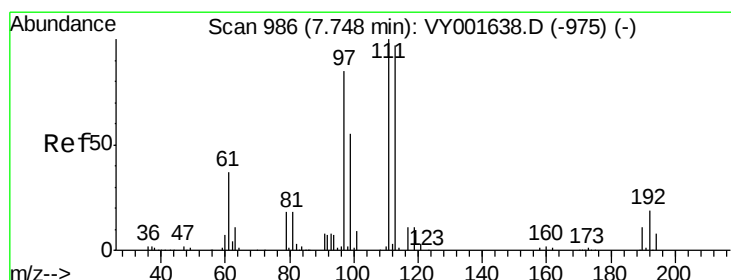
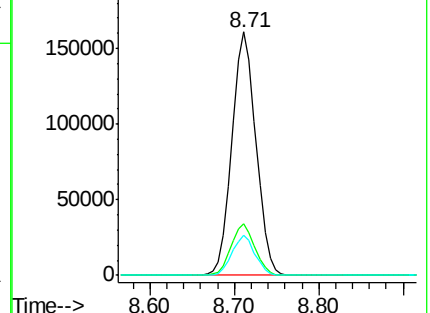
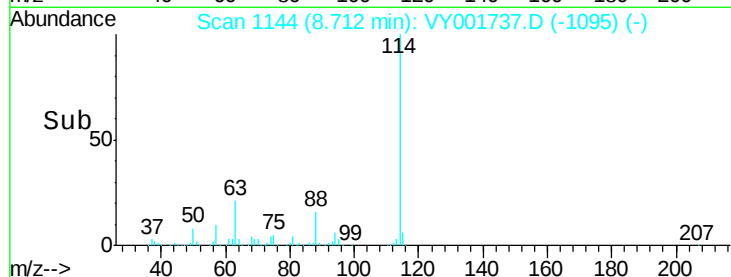
88 16.3 0.0 32.8



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: 50.764 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001737.D

Acq: 21 Feb 2020 13:13

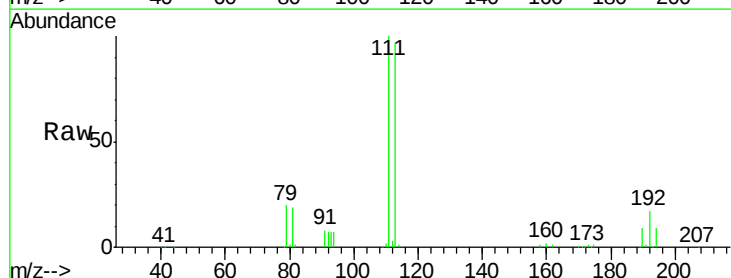
Tgt Ion:113 Resp: 90708

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

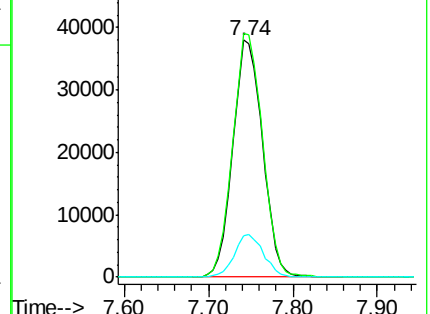
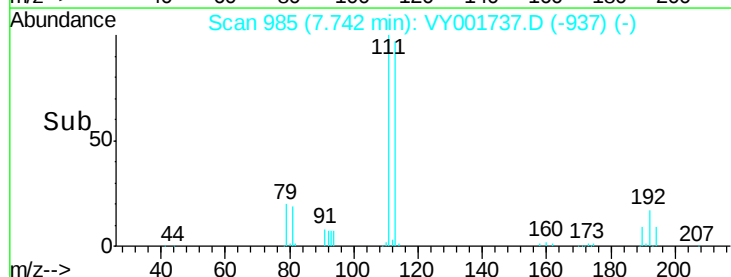
192 17.5 14.3 21.5

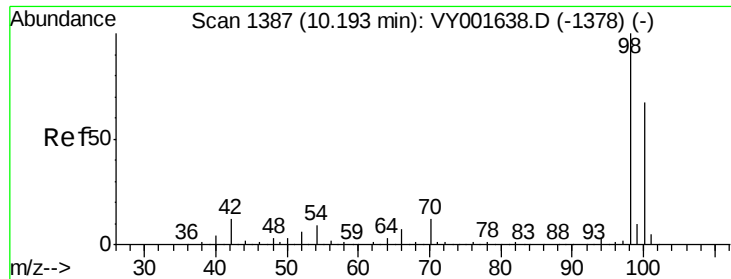


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.801 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001737.D

Acq: 21 Feb 2020 13:13

Instrument :

MSVOA_Y

ClientSampleId :

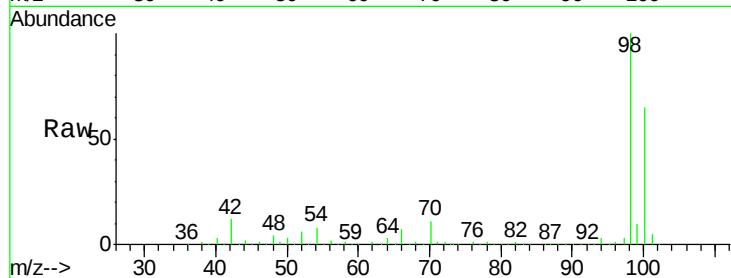
SB2-5-5.5

Tot Ion: 98 Resp: 376632

Ion Ratio Lower Upper

98 100

100 65.6 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) (-)

250000

200000

150000

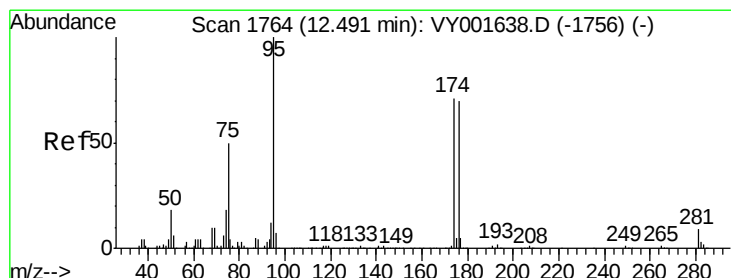
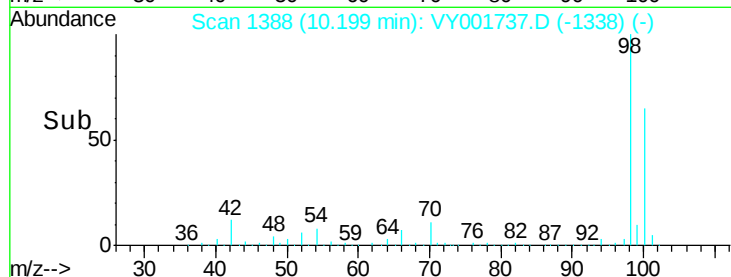
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 45.973 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001737.D

Acq: 21 Feb 2020 13:13

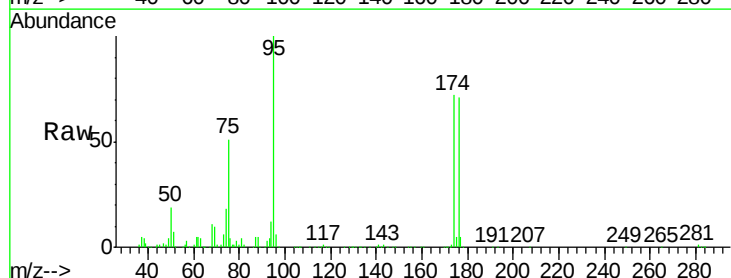
Tgt Ion: 95 Resp: 125027

Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

176 70.2 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) (-)

100000

80000

60000

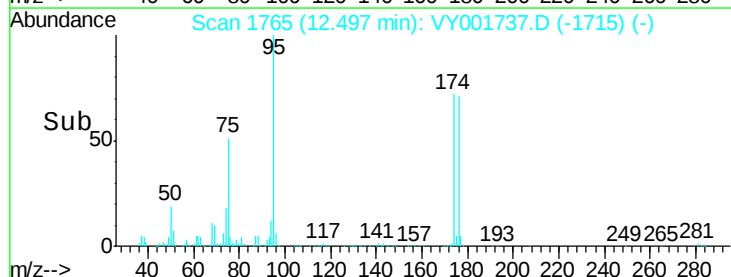
40000

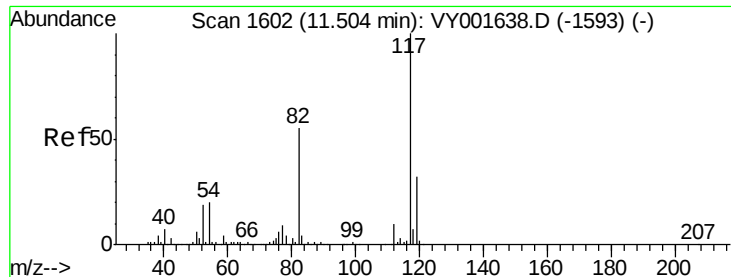
20000

0

12.40 12.45 12.50 12.55

Time-->

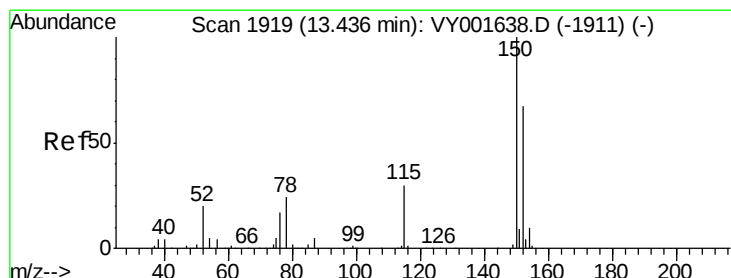
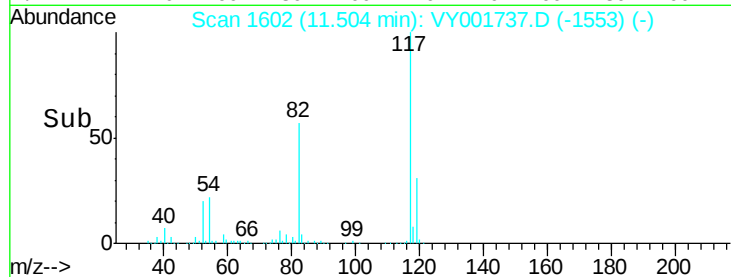
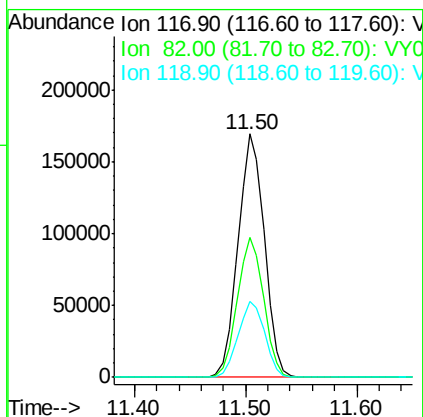
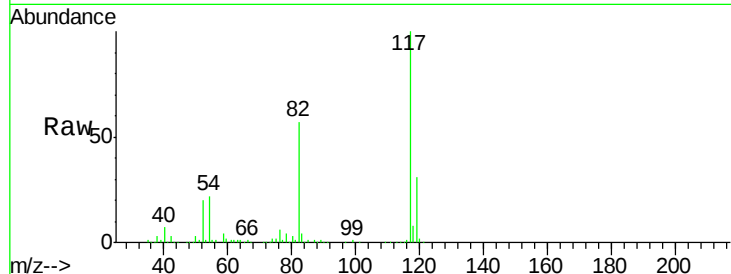




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001737.D
Acq: 21 Feb 2020 13:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2-5-5.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.5	68.3
119	31.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001737.D
Acq: 21 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.4	94.2
150	159.4	0.0	407.2

