

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001335.D
 Acq On : 22 Jan 2020 16:52
 Operator : SY/MD
 Sample : L1216-07
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-9.5-10.0

Quant Time: Jan 23 03:59:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	23195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	37796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	28939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	11313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	9526	37.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.48%	
35) Dibromofluoromethane	7.75	113	9405	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
50) Toluene-d8	10.19	98	42633	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.49	95	11951	34.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.64%	

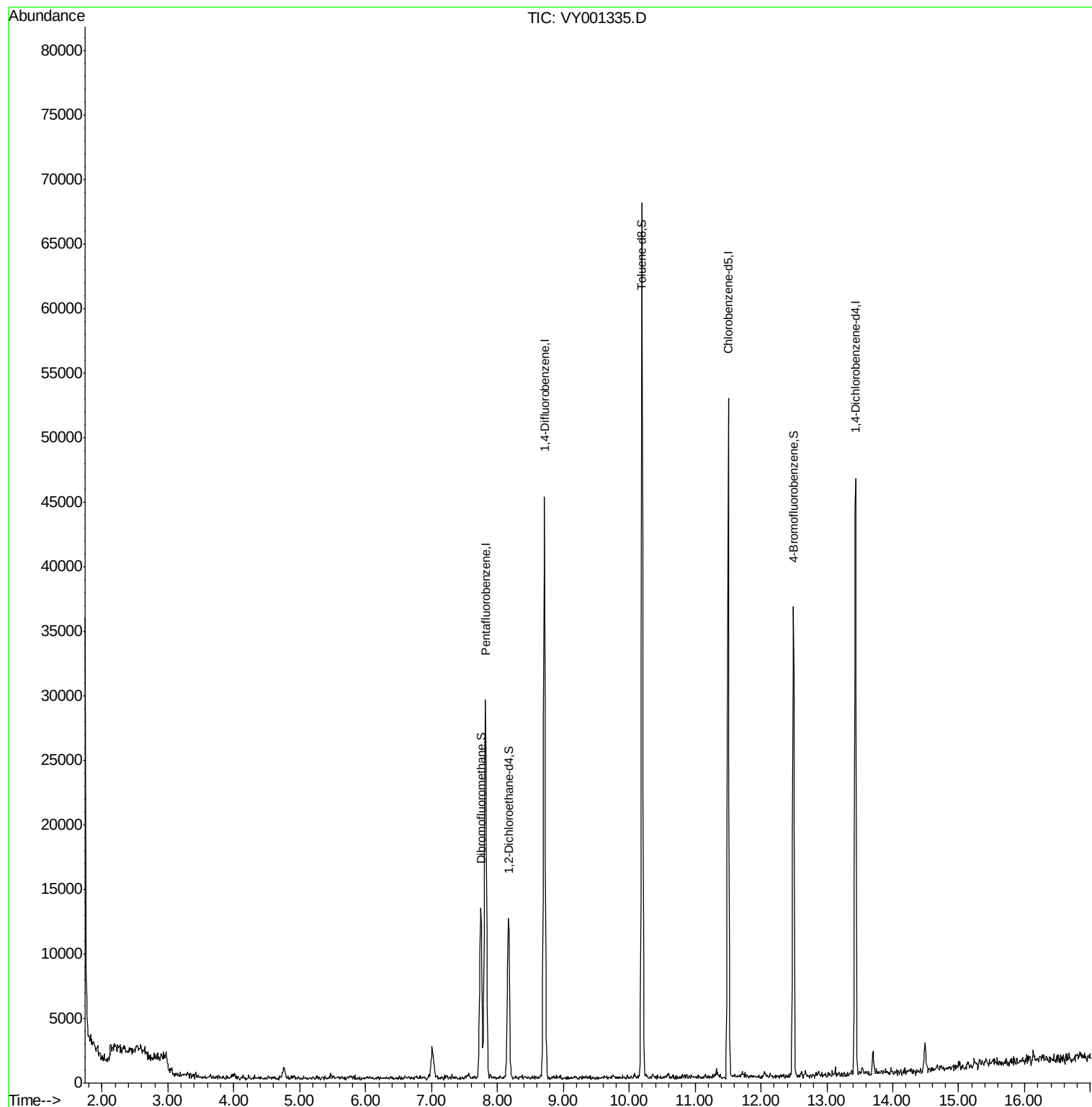
Target Compounds	Qvalue

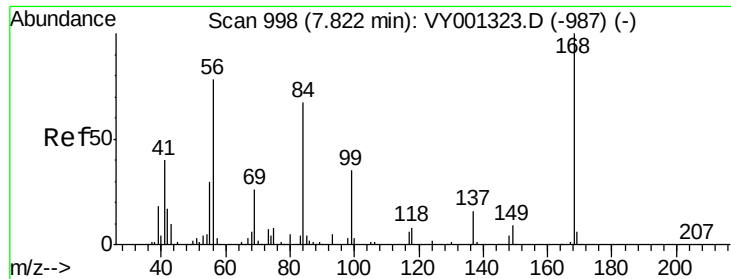
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001335.D

Acq: 22 Jan 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

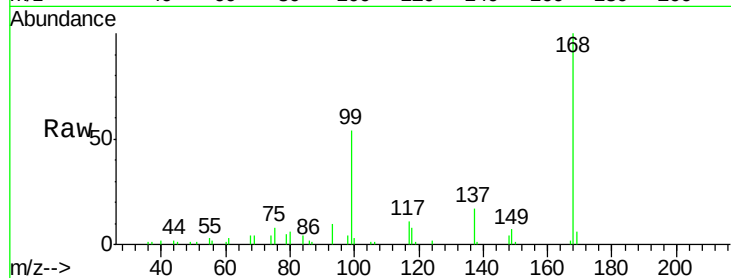
SB-04-9.5-10.0

Tot Ion:168 Resp: 23195

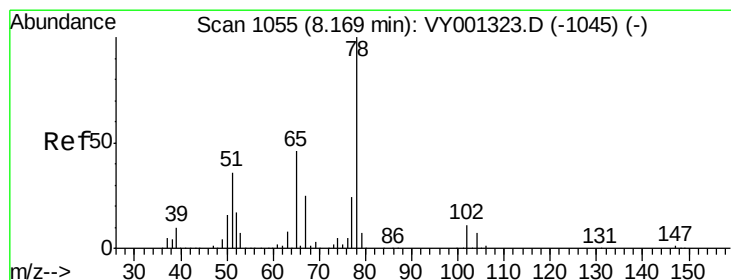
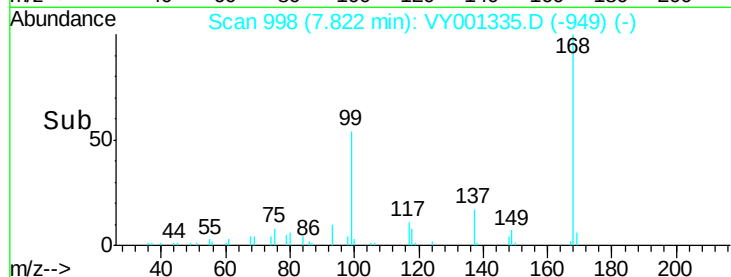
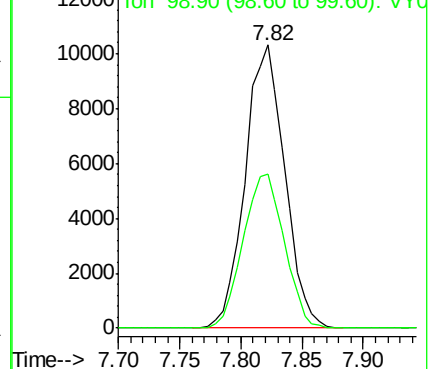
Ion Ratio Lower Upper

168 100

99 54.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001335.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 37.743 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001335.D

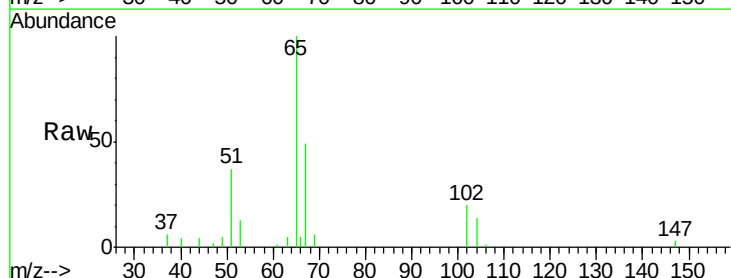
Acq: 22 Jan 2020 16:52

Tgt Ion: 65 Resp: 9526

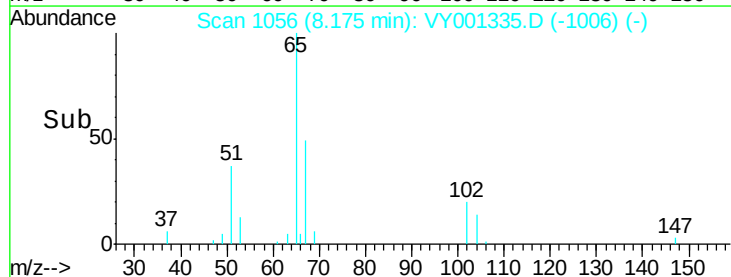
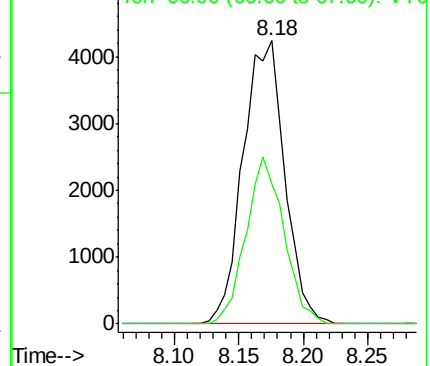
Ion Ratio Lower Upper

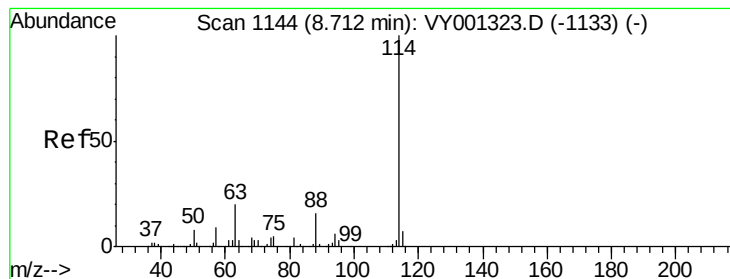
65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001335.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: VY001335.D

Acq: 22 Jan 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-9.5-10.0

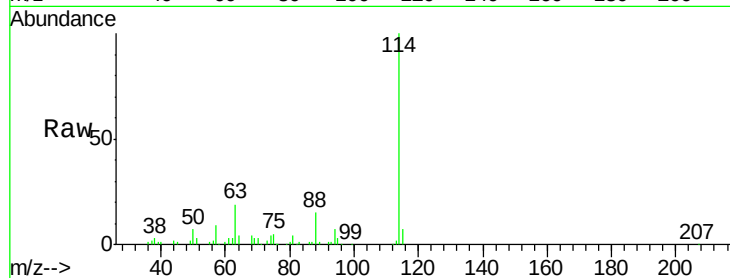
Tot Ion:114 Resp: 37796

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

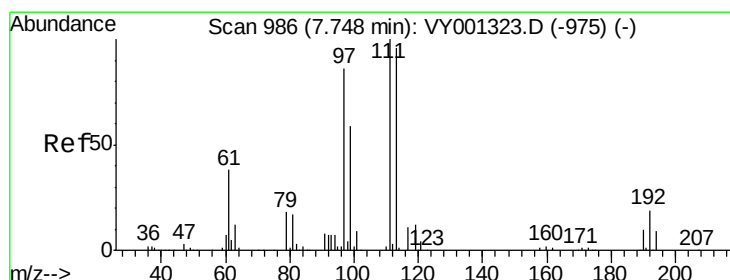
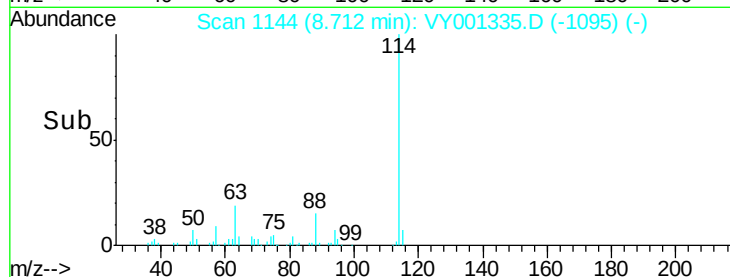
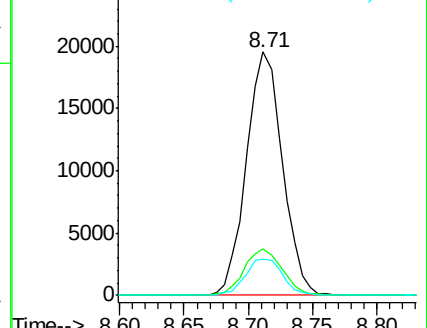
88 14.9 0.0 31.0



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: 42.397 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001335.D

Acq: 22 Jan 2020 16:52

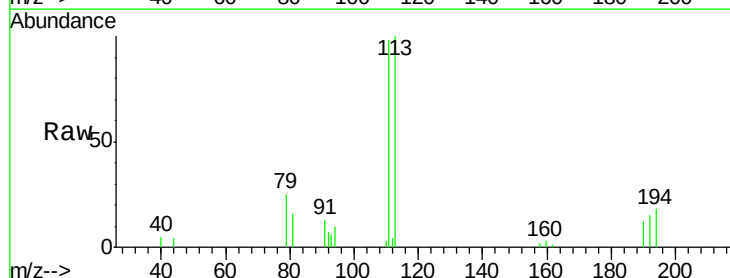
Tgt Ion:113 Resp: 9405

Ion Ratio Lower Upper

113 100

111 105.0 82.8 124.2

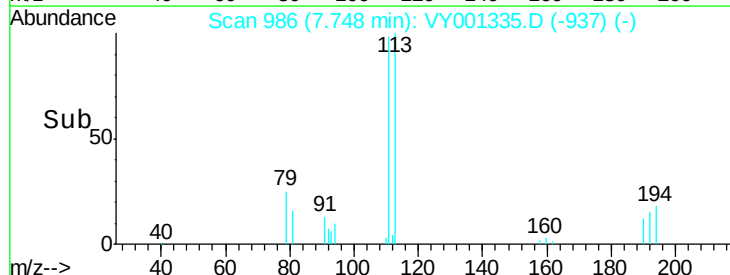
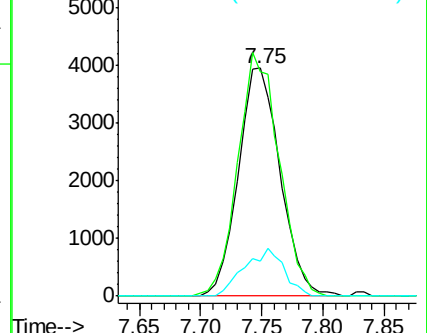
192 19.8 15.5 23.3

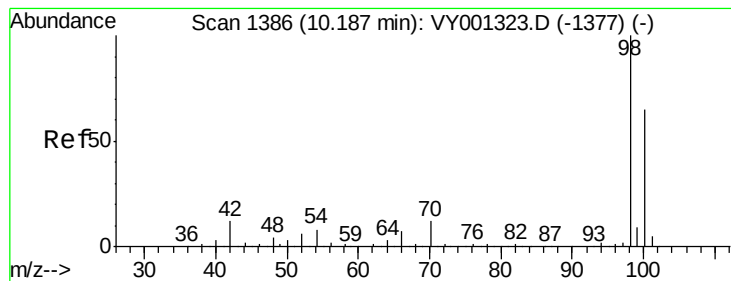


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.467 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001335.D

Acq: 22 Jan 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

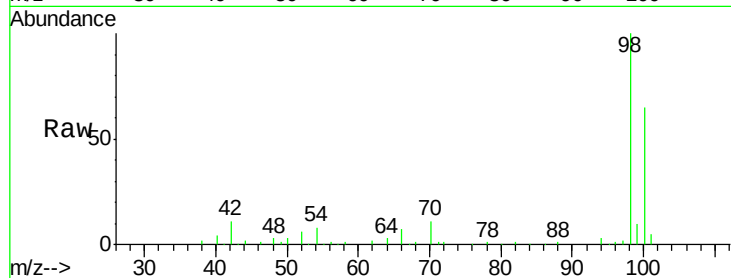
SB-04-9.5-10.0

Tot Ion: 98 Resp: 42633

Ion Ratio Lower Upper

98 100

100 66.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001335.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001335.D (-1377) (-)

10.19

25000

20000

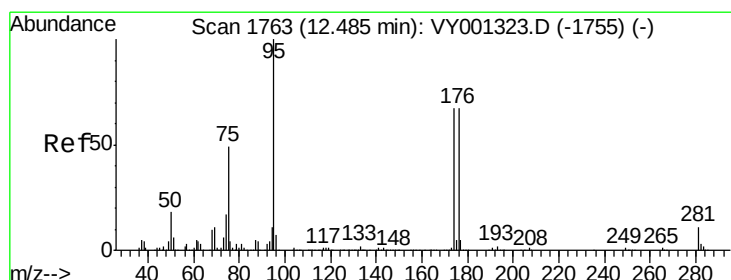
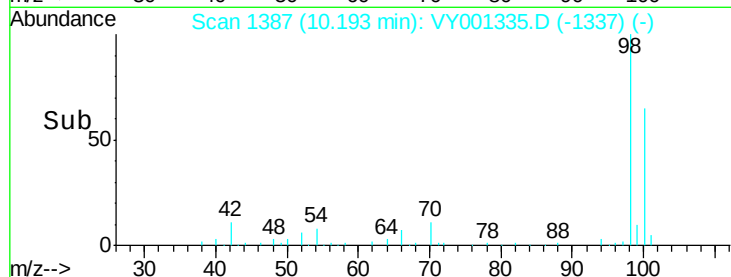
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.820 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001335.D

Acq: 22 Jan 2020 16:52

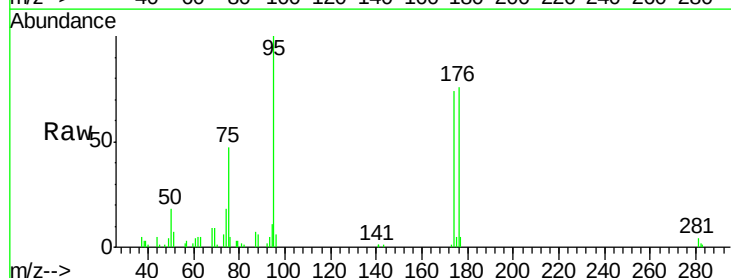
Tgt Ion: 95 Resp: 11951

Ion Ratio Lower Upper

95 100

174 74.0 0.0 142.0

176 75.0 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001335.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001335.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001335.D (-1714) (-)

12.49

10000

8000

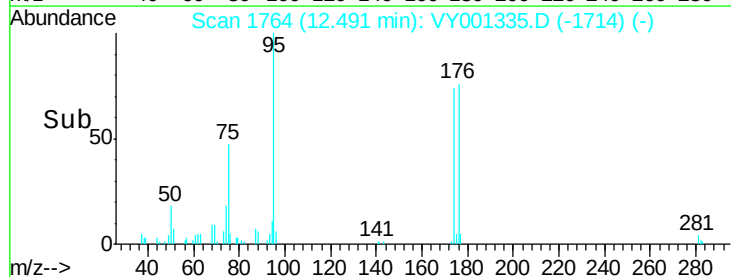
6000

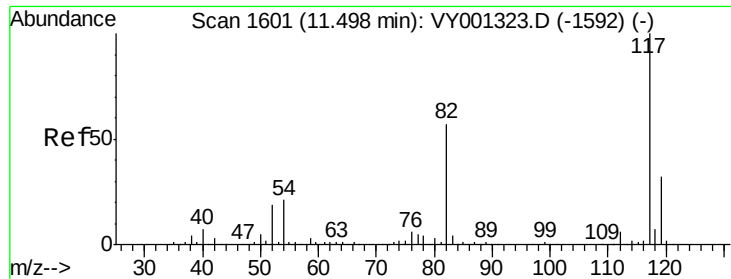
4000

2000

0

Time-->

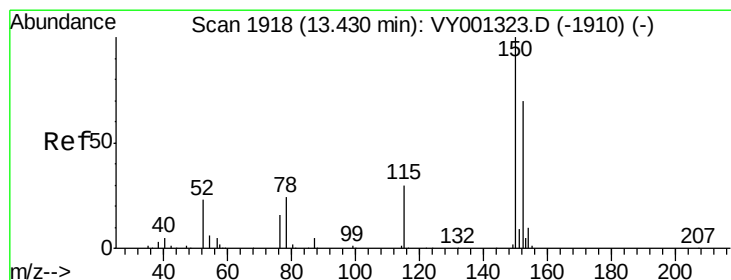
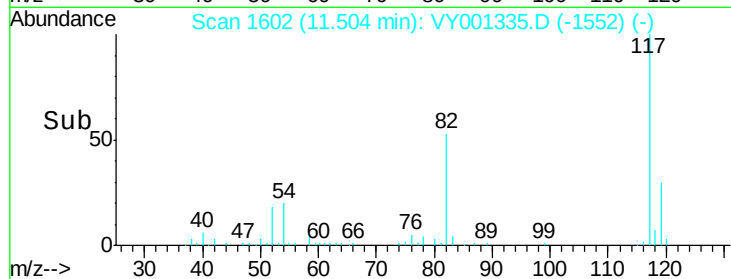
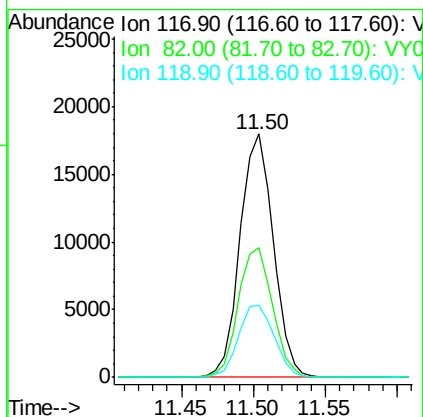
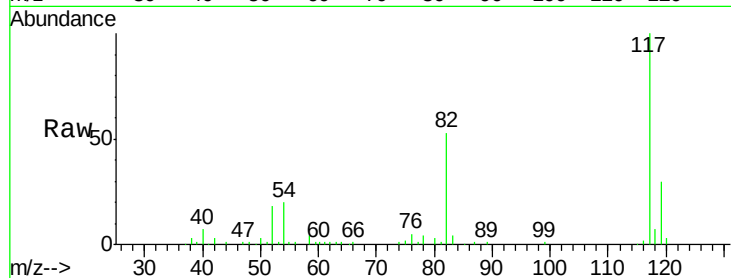




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001335.D
Acq: 22 Jan 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

Tot Ion:117 Resp: 28939
Ion Ratio Lower Upper
117 100
82 53.1 45.5 68.3
119 29.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001335.D
Acq: 22 Jan 2020 16:52

Tgt Ion:152 Resp: 11313
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.8
150 156.0 0.0 349.2

