

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001739.D
 Acq On : 21 Feb 2020 13:58
 Operator : SY/MD
 Sample : L1623-04
 Misc : 5.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-13.5-14

Quant Time: Feb 22 04:21:32 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	162456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	97959	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.75	113	88840	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.19	98	368202	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.49	95	122008	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

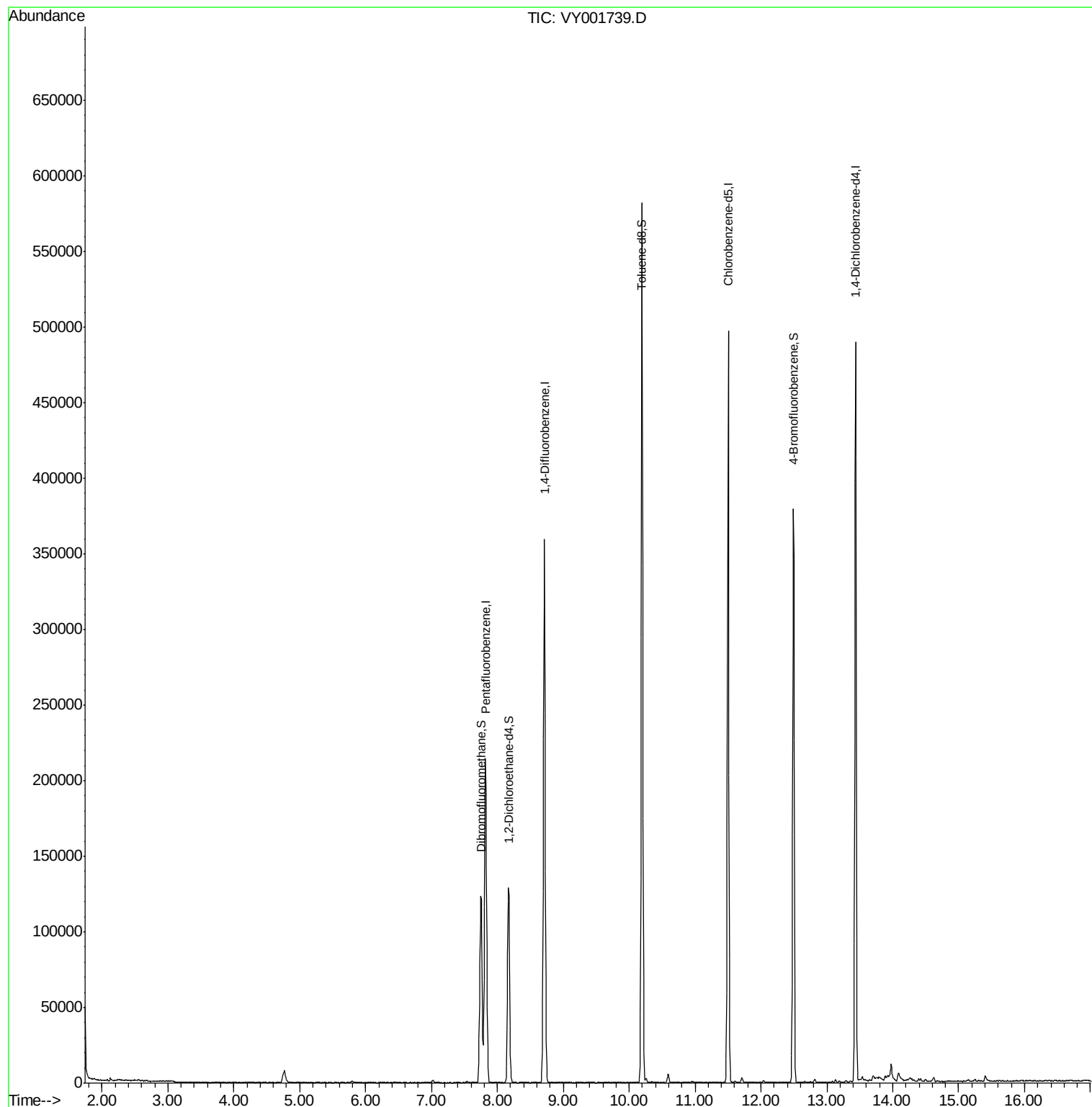
Target Compounds	Qvalue

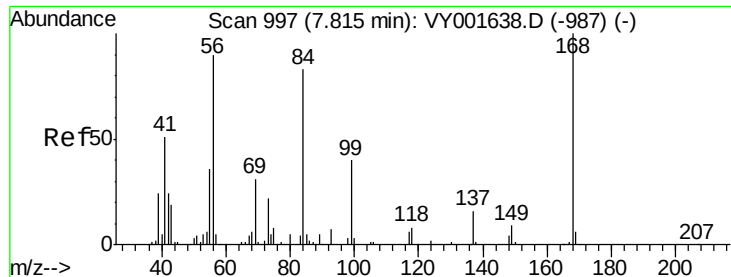
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

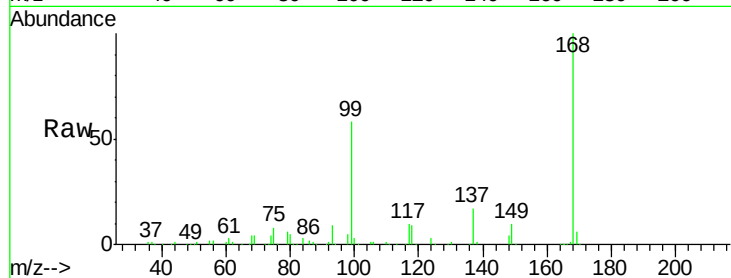
SB4-13.5-14

Tot Ion:168 Resp: 162456

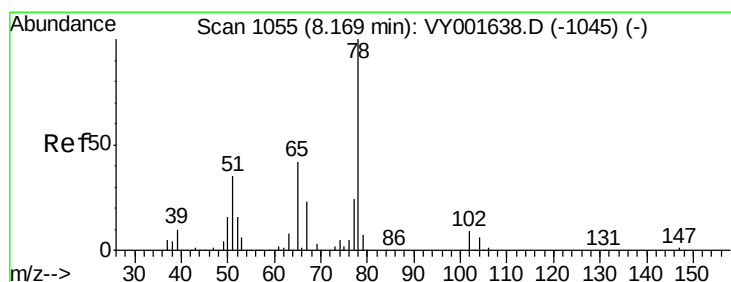
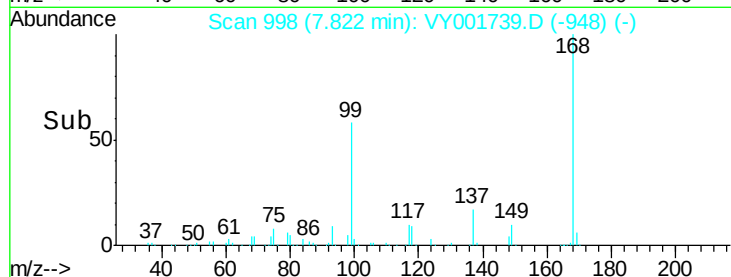
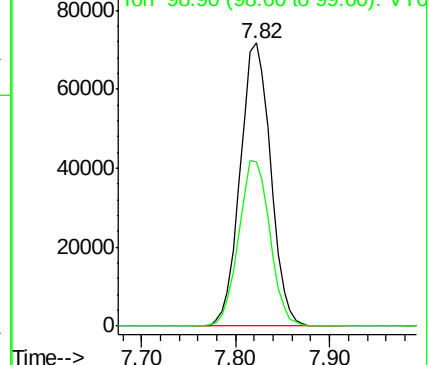
Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001739.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.058 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001739.D

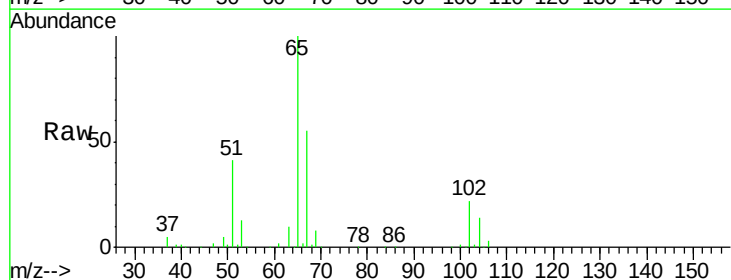
Acq: 21 Feb 2020 13:58

Tgt Ion: 65 Resp: 97959

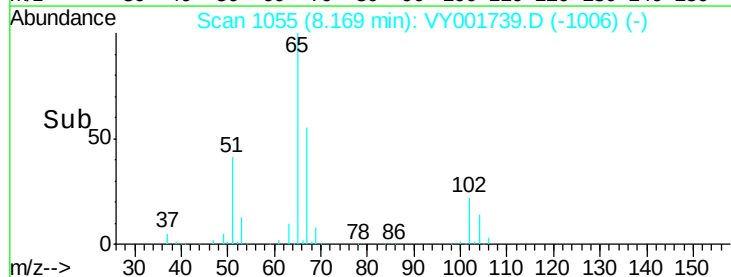
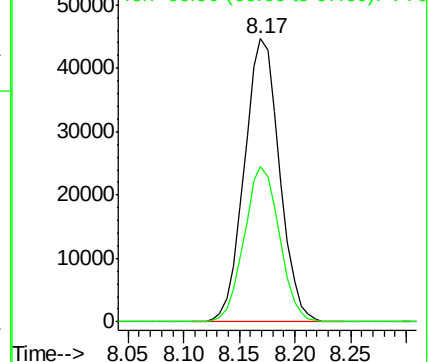
Ion Ratio Lower Upper

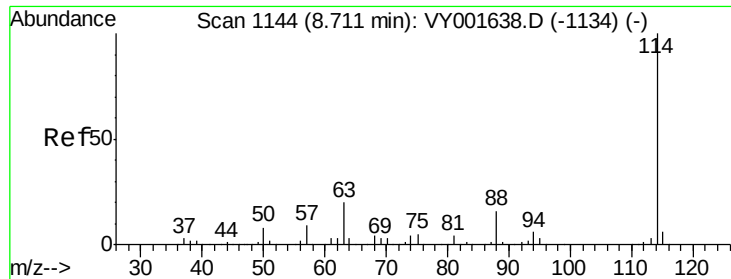
65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001739.D (-1006) (-)

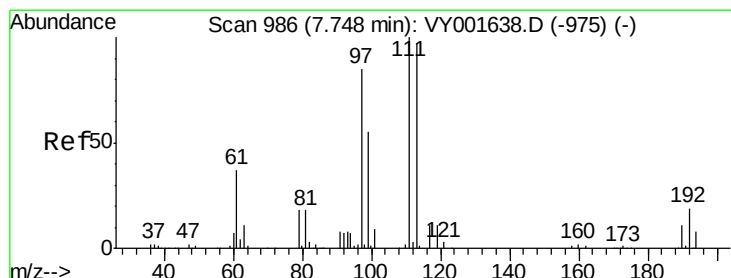
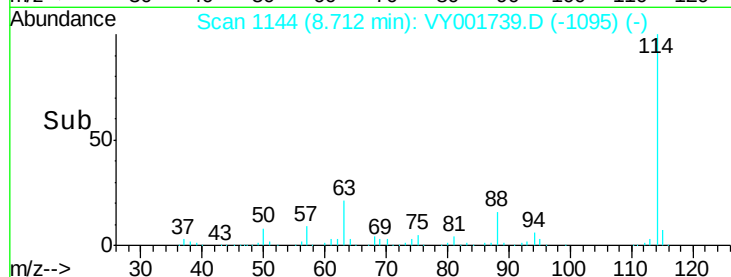
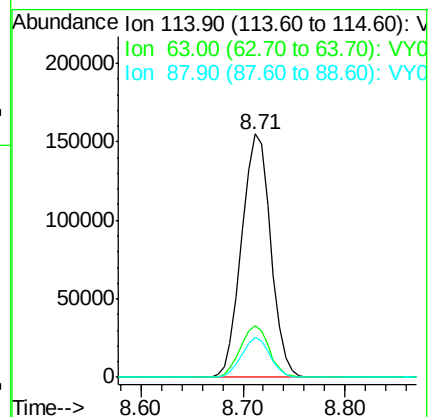
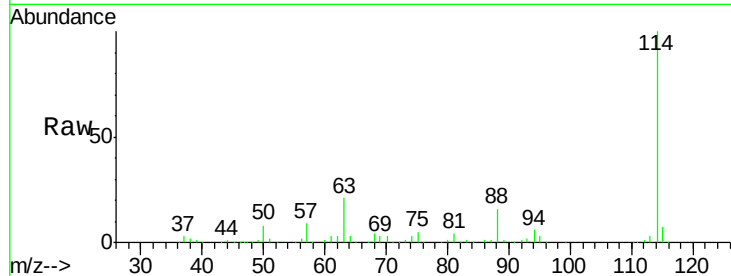




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

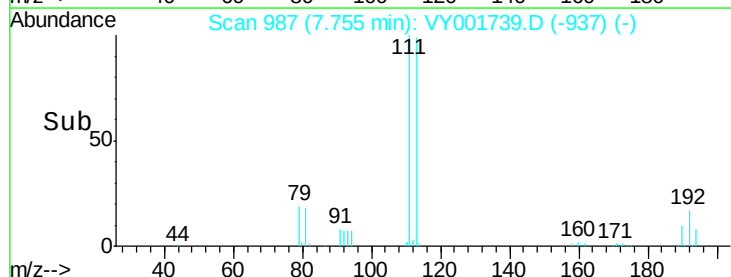
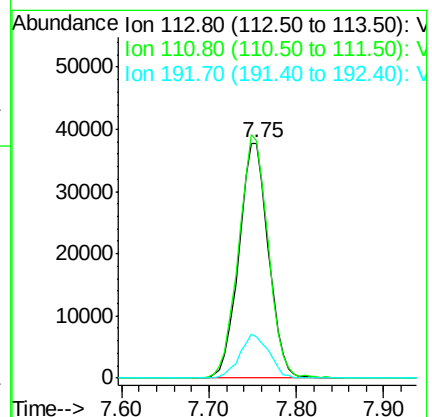
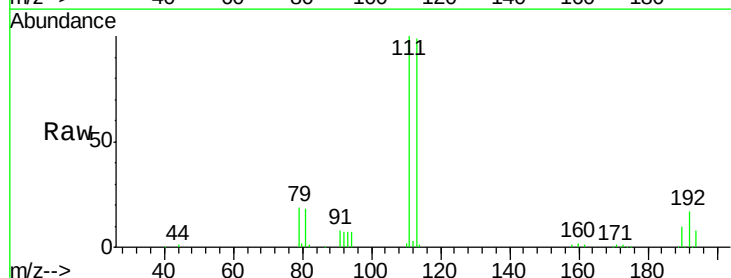
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-13.5-14

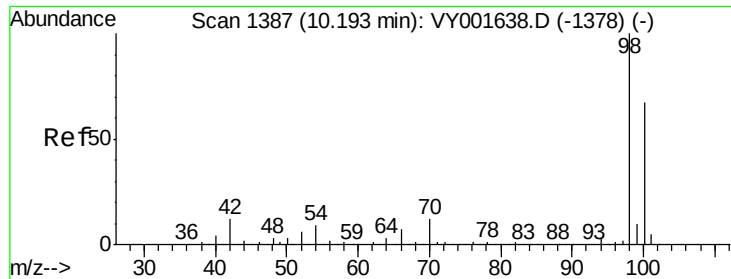
Tot Ion:114 Resp: 306182
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 16.3 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 50.659 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

Tgt Ion:113 Resp: 88840
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 18.4 14.3 21.5





#50

Toluene-d8

Concen: 53.593 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

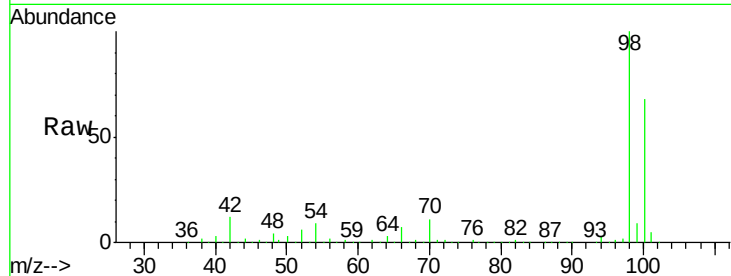
SB4-13.5-14

Tot Ion: 98 Resp: 368202

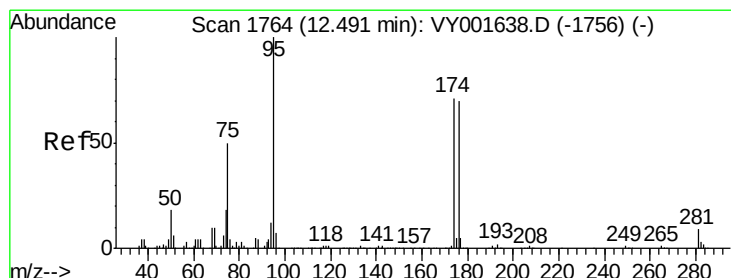
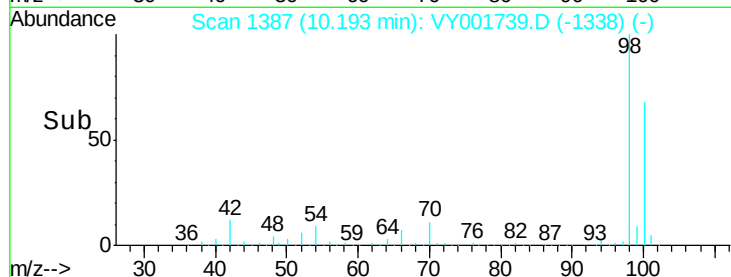
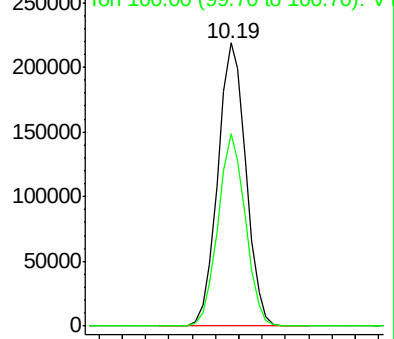
Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001739.D (-1338) (-)



#62

4-Bromofluorobenzene

Concen: 45.712 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

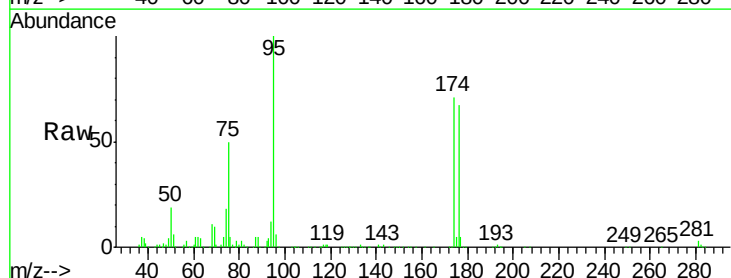
Tgt Ion: 95 Resp: 122008

Ion Ratio Lower Upper

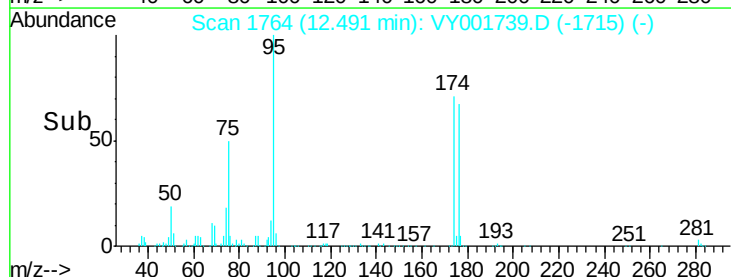
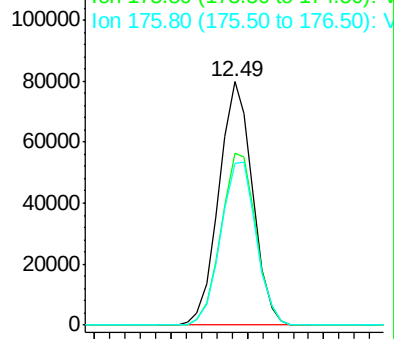
95 100

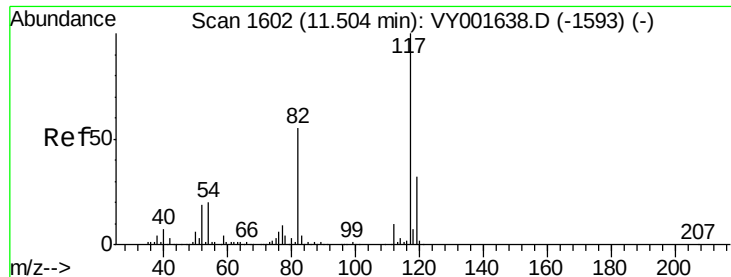
174 73.2 0.0 138.4

176 70.6 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001739.D (-1715) (-)

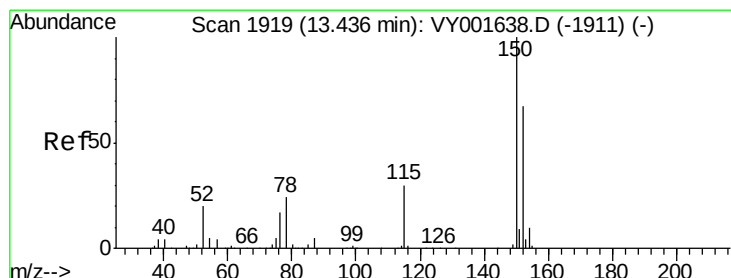
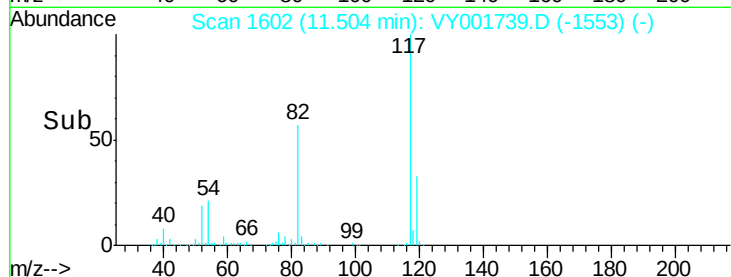
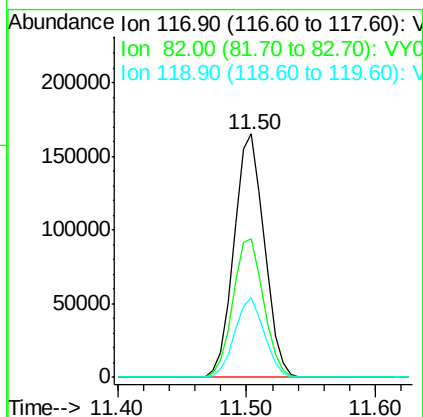
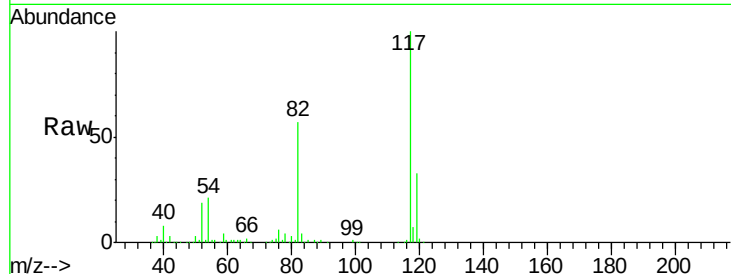




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001739.D
Acq: 21 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
SB4-13.5-14

Tot Ion:117 Resp: 269129
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 32.6 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: VY001739.D
Acq: 21 Feb 2020 13:58

Tgt Ion:152 Resp: 115311
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.2
150 158.4 0.0 407.2

