

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001753.D
 Acq On : 21 Feb 2020 19:09
 Operator : SY/MD
 Sample : L1650-03
 Misc : 8.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3

Quant Time: Feb 22 05:03:34 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

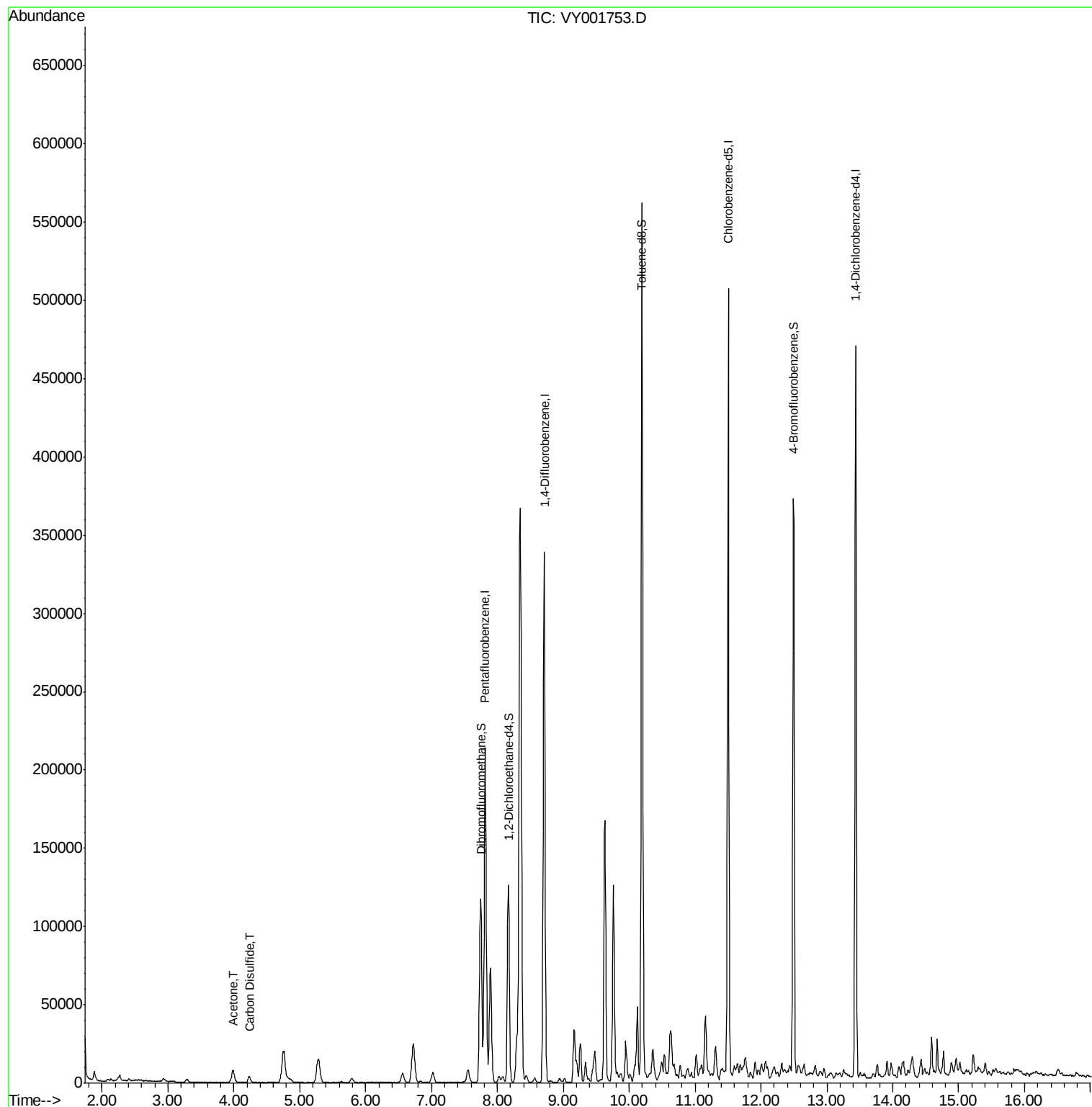
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	94523	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	7.75	113	84902	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.19	98	354463	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.49	95	121508	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
16) Acetone	3.99	43	12957	22.706	ug/l #	86
17) Carbon Disulfide	4.24	76	8380	1.509	ug/l	96

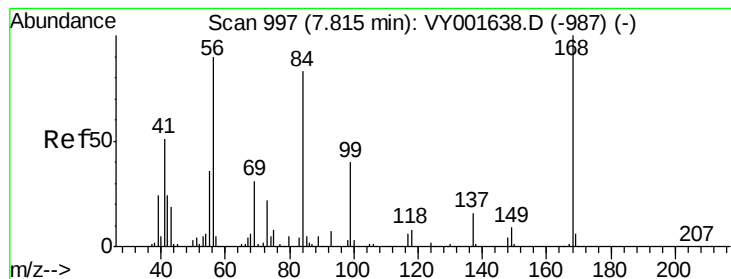
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

Instrument :

MSVOA_Y

ClientSampled :

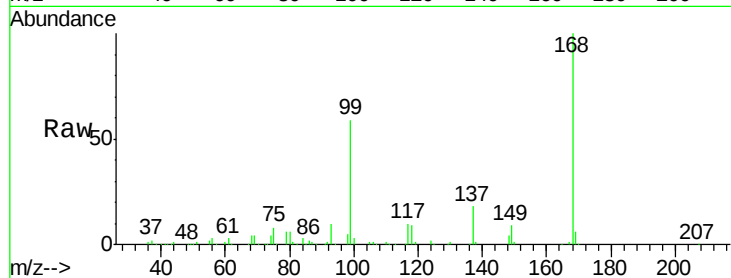
EP-3

Tot Ion:168 Resp: 153320

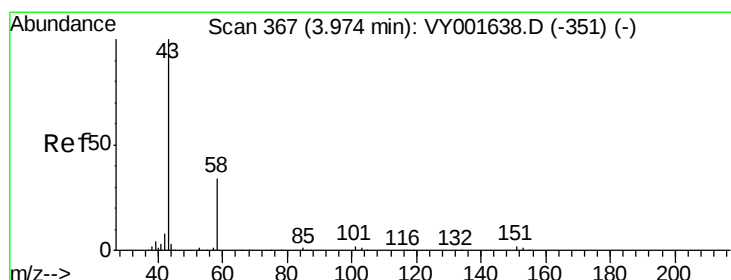
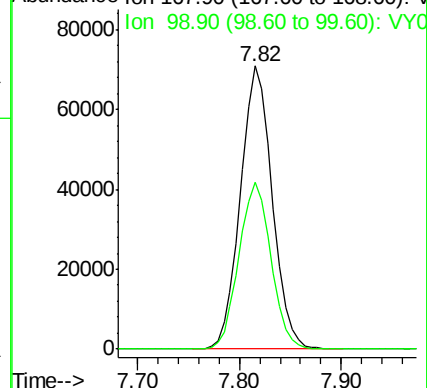
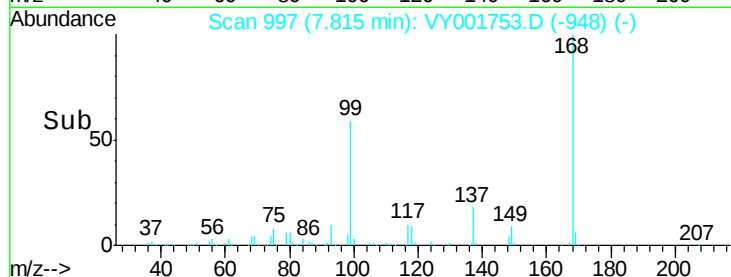
Ion Ratio Lower Upper

168 100

99 58.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001753.D (-948) (-)



#16

Acetone

Concen: 22.706 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001753.D

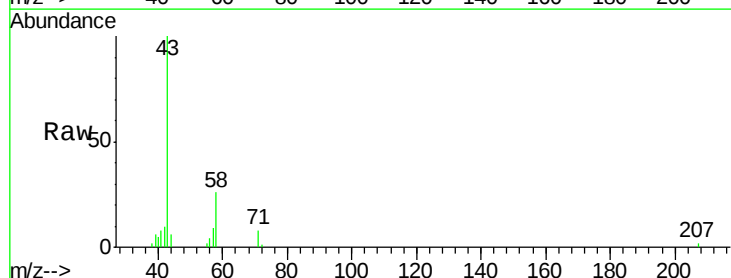
Acq: 21 Feb 2020 19:09

Tgt Ion: 43 Resp: 12957

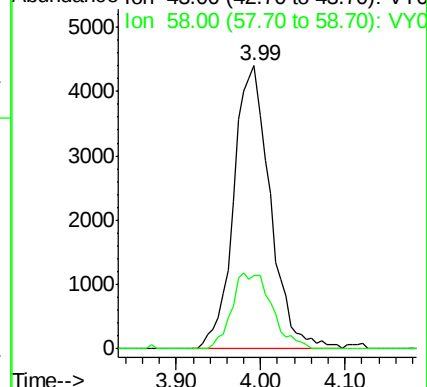
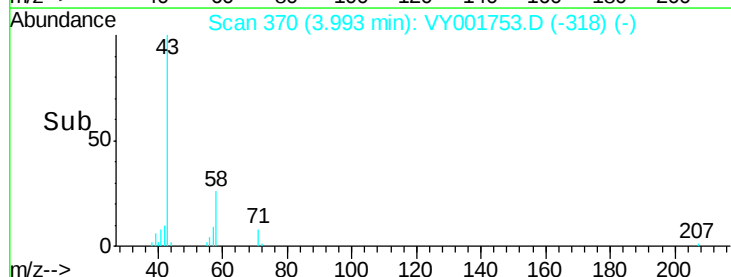
Ion Ratio Lower Upper

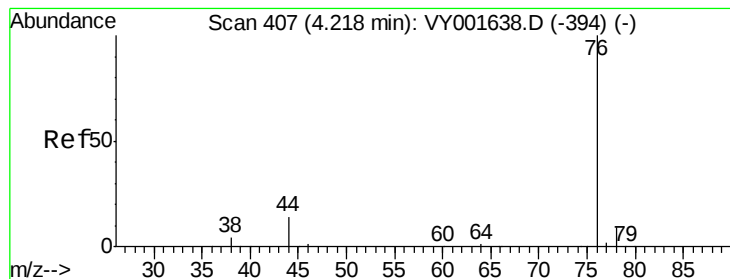
43 100

58 25.8 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001753.D (-318) (-)





#17

Carbon Disulfide

Concen: 1.509 ug/l

RT: 4.24 min Scan# 410

Delta R.T. 0.02 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

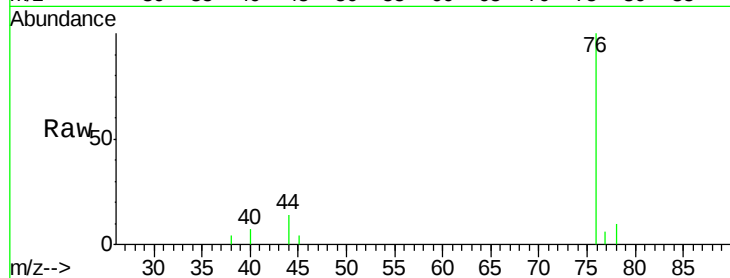
EP-3

Tot Ion: 76 Resp: 8380

Ion Ratio Lower Upper

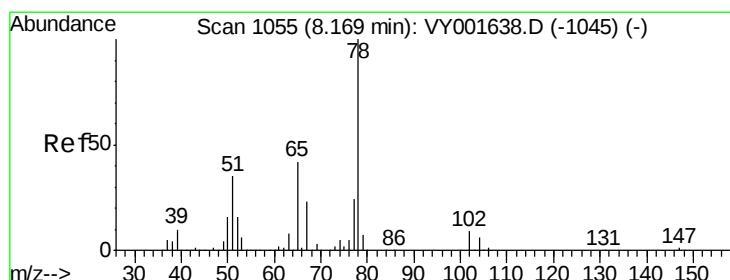
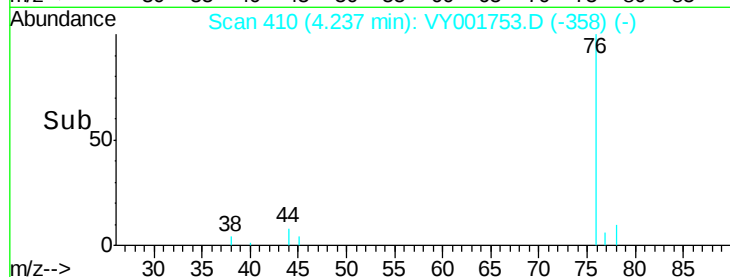
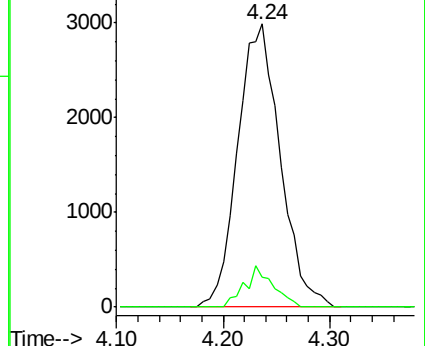
76 100

78 10.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.315 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001753.D

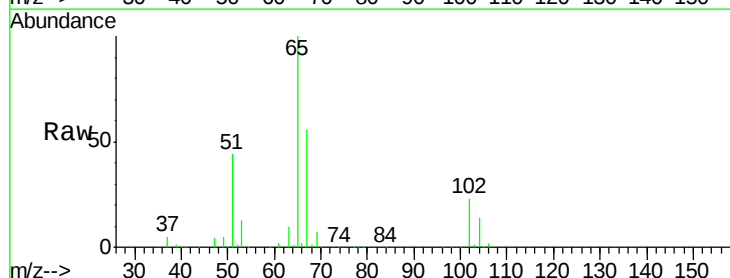
Acq: 21 Feb 2020 19:09

Tgt Ion: 65 Resp: 94523

Ion Ratio Lower Upper

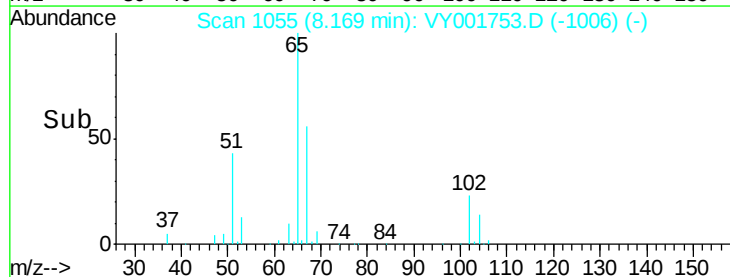
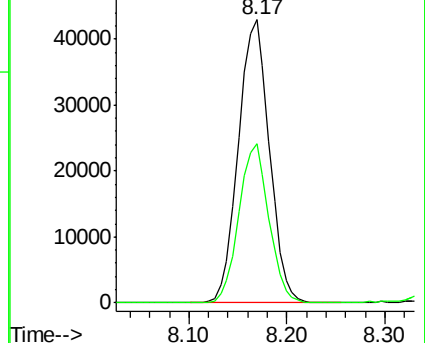
65 100

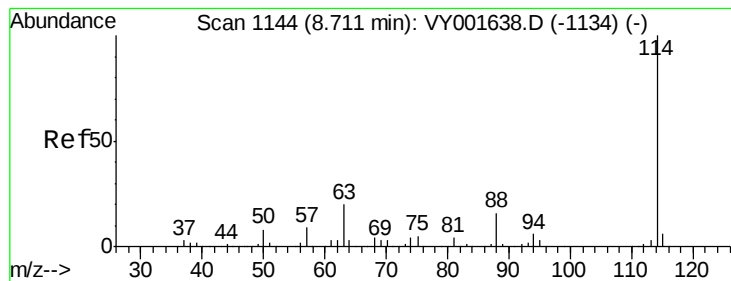
67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

EP-3

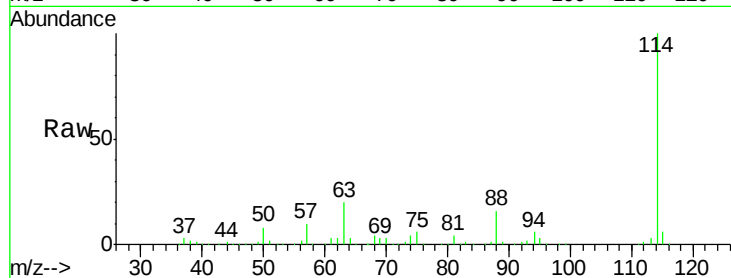
Tot Ion:114 Resp: 291508

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

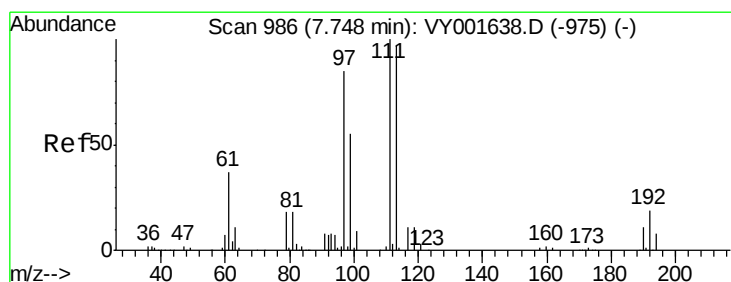
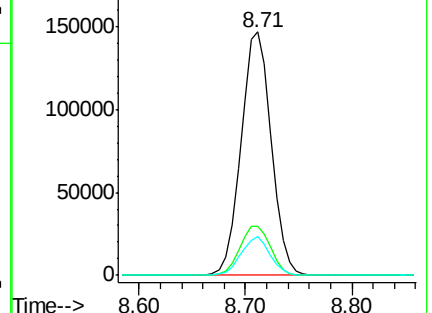
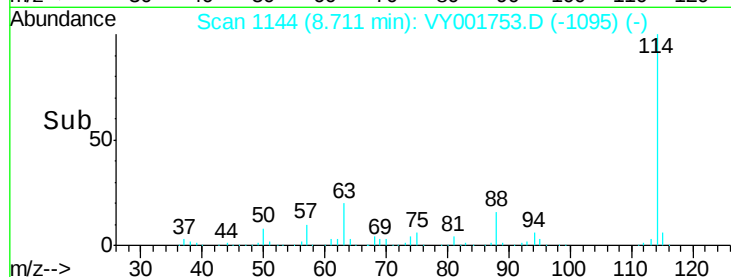
88 15.9 0.0 32.8



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: 50.851 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

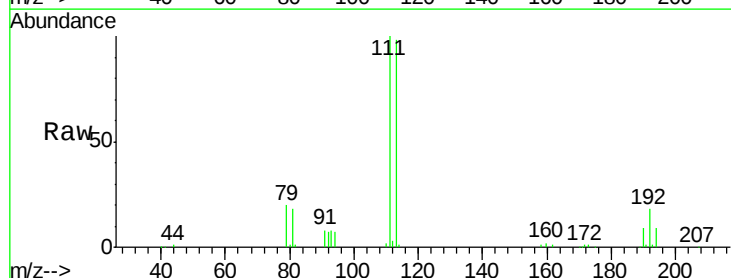
Tgt Ion:113 Resp: 84902

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

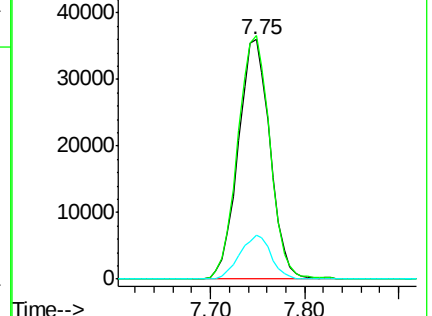
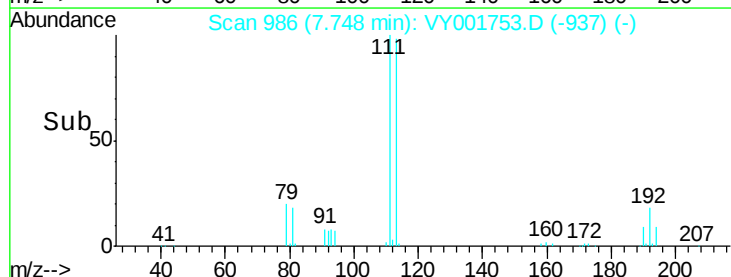
192 18.0 14.3 21.5

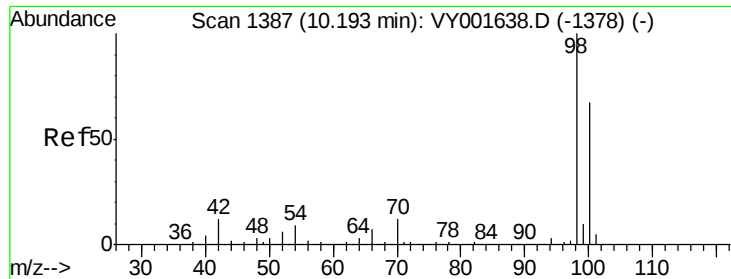


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.190 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

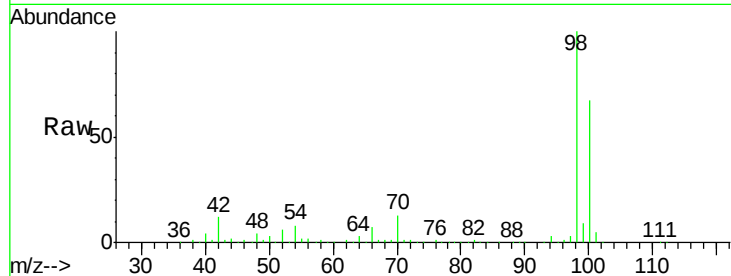
EP-3

Tot Ion: 98 Resp: 354463

Ion Ratio Lower Upper

98 100

100 65.7 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) (-)

10.19

200000

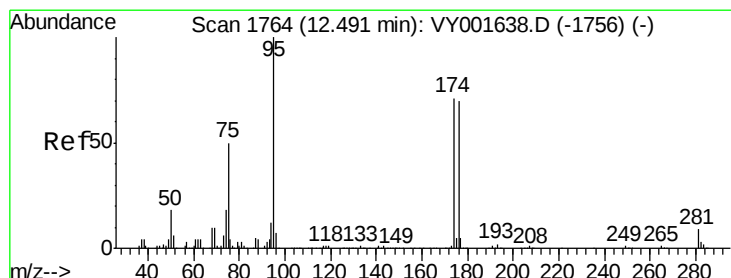
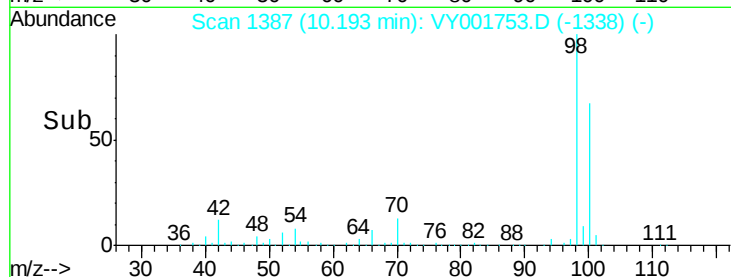
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.816 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001753.D

Acq: 21 Feb 2020 19:09

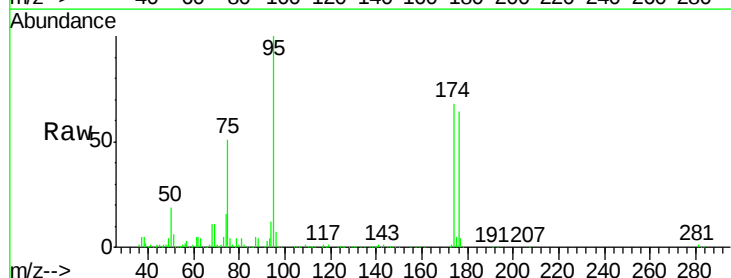
Tgt Ion: 95 Resp: 121508

Ion Ratio Lower Upper

95 100

174 70.6 0.0 138.4

176 68.7 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

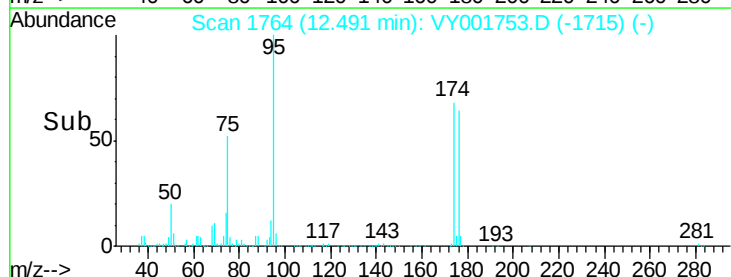
60000

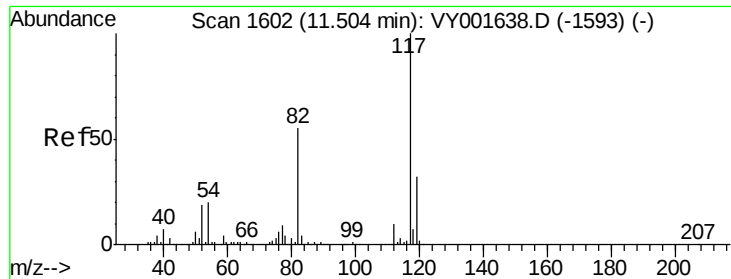
40000

20000

0

Time-->

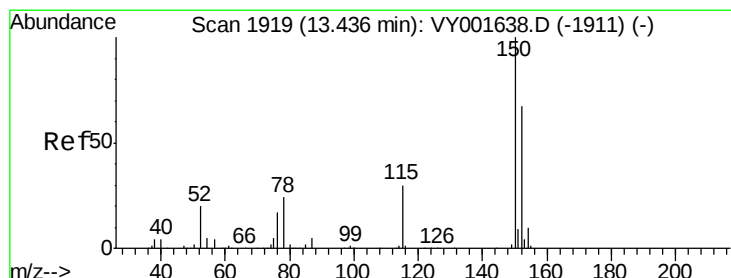
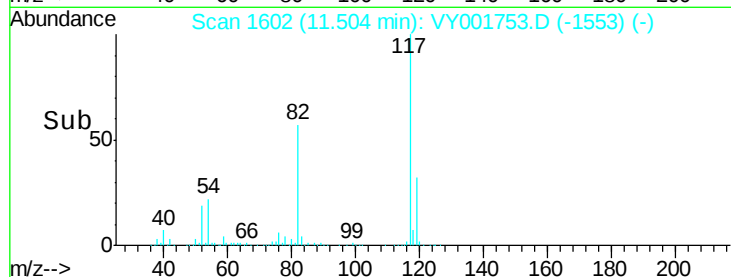
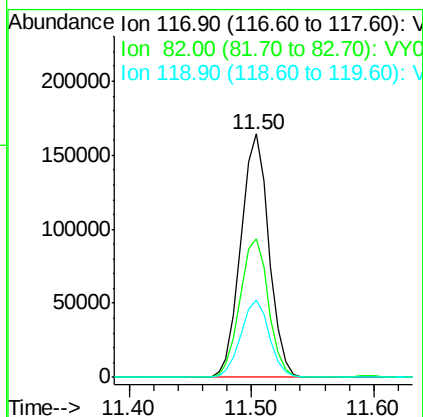
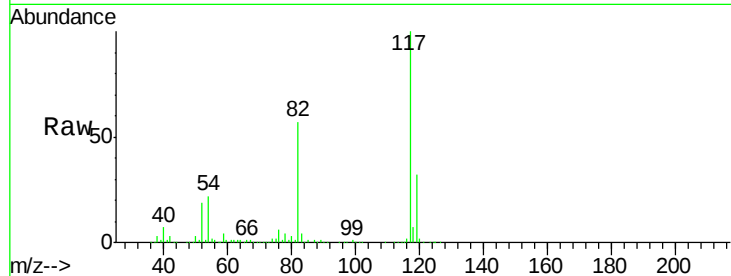




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001753.D
Acq: 21 Feb 2020 19:09

Instrument :
MSVOA_Y
ClientSampled :
EP-3

Tot Ion:117 Resp: 261573
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001753.D
Acq: 21 Feb 2020 19:09

Tgt Ion:152 Resp: 113972
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 157.7 0.0 407.2

