

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001833.D
 Acq On : 03 Mar 2020 14:36
 Operator : SY/MD
 Sample : L1762-04
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-030220

Quant Time: Mar 04 04:12:28 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	7.80	168	155709	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	295615	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	264405	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	114615	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	97955	58.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.96%	
35) Dibromofluoromethane	7.73	113	87180	51.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.18	98	359550	54.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.48	95	120086	46.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.20%	

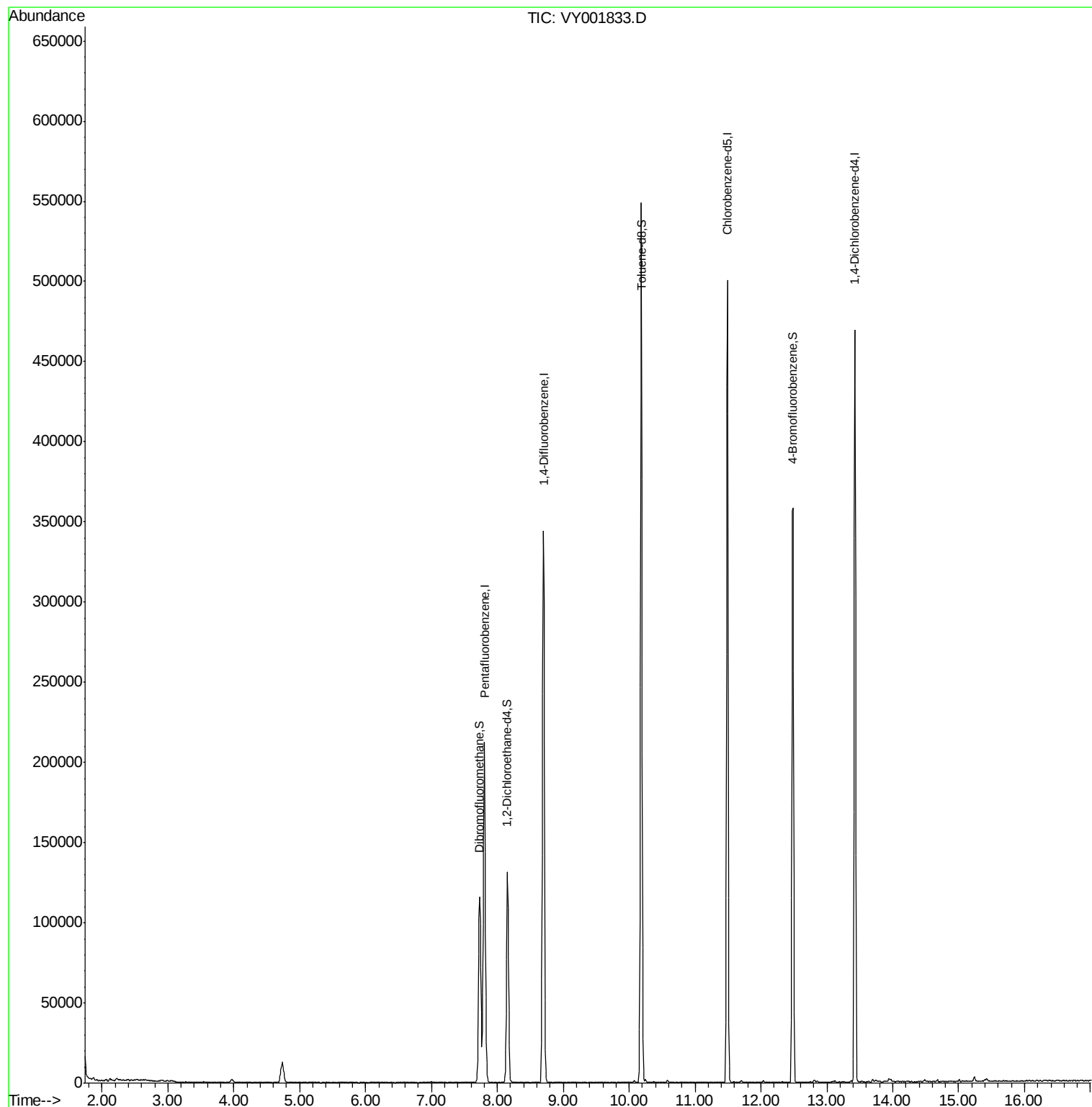
Target Compounds	Qvalue
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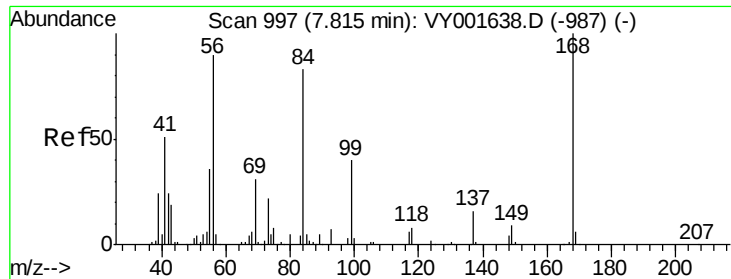
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001833.D

Acq: 03 Mar 2020 14:36

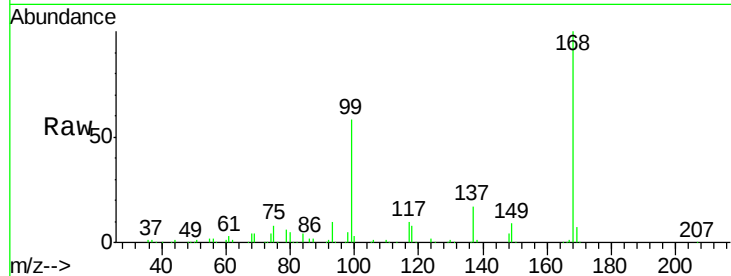
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-030220

Tot Ion:168 Resp: 155709

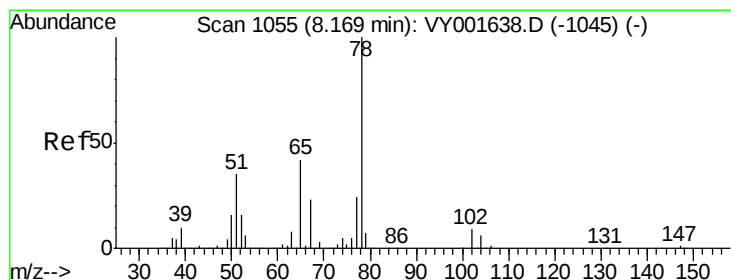
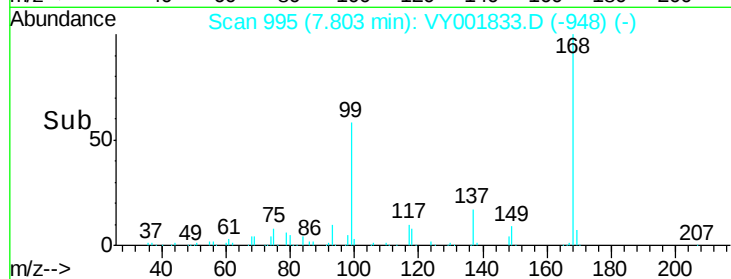
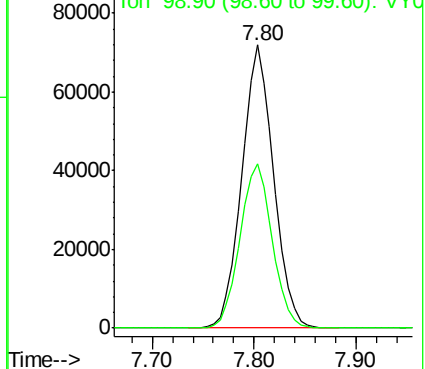
Ion Ratio Lower Upper

168 100

99 57.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001833.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.485 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001833.D

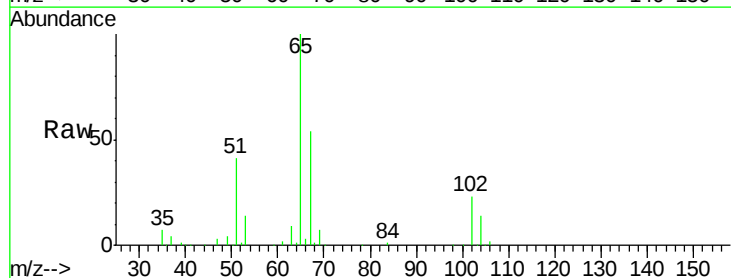
Acq: 03 Mar 2020 14:36

Tgt Ion: 65 Resp: 97955

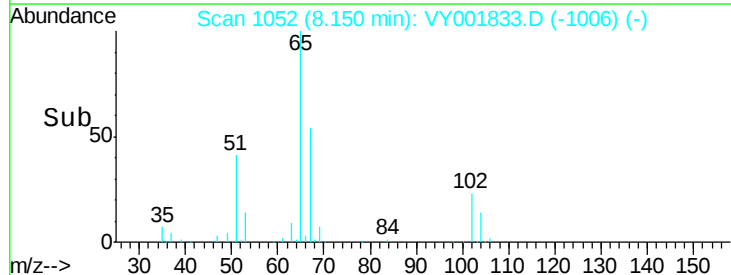
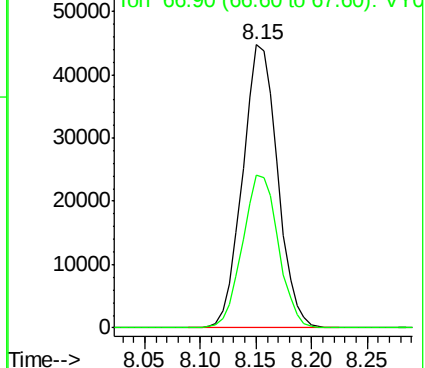
Ion Ratio Lower Upper

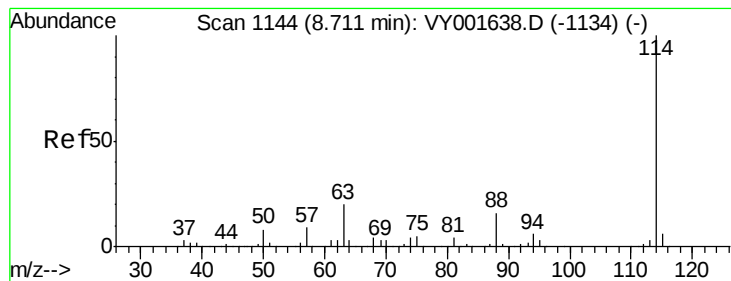
65 100

67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001833.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001833.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-030220

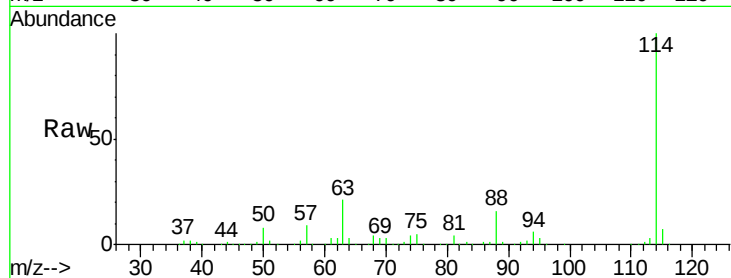
Tot Ion:114 Resp: 295615

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

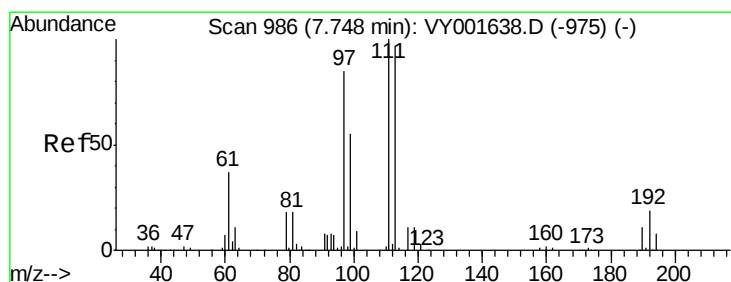
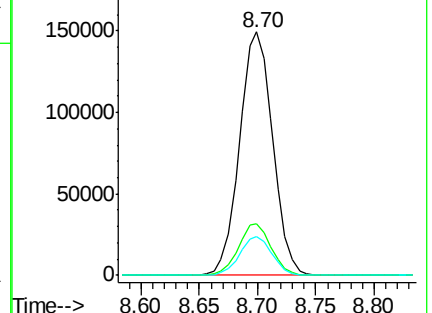
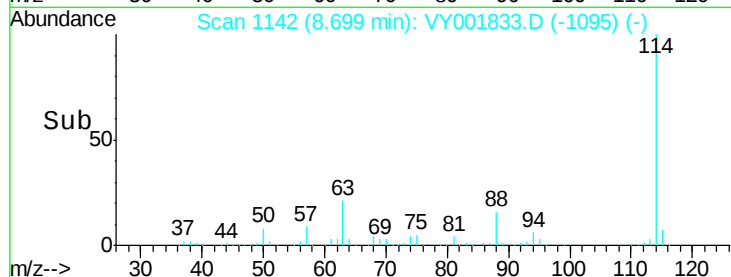
88 16.0 0.0 32.8



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: 51.490 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001833.D

Acq: 03 Mar 2020 14:36

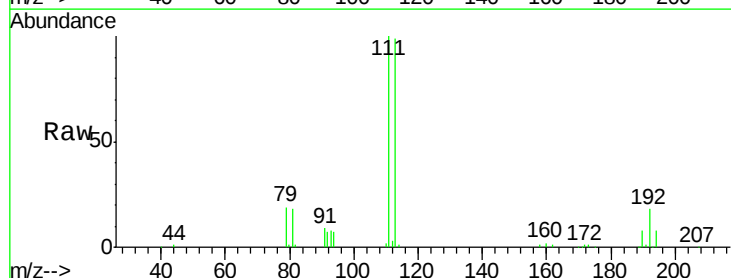
Tgt Ion:113 Resp: 87180

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

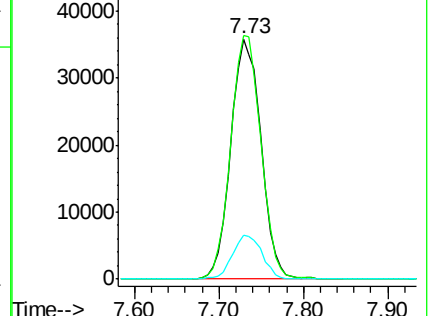
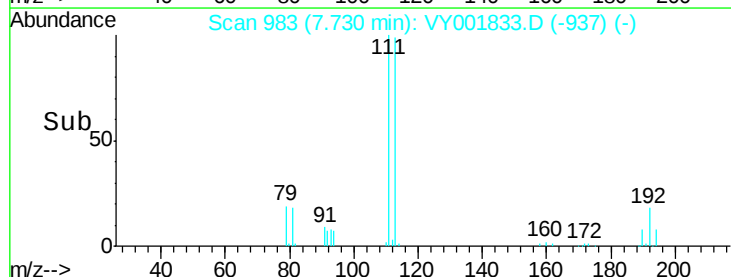
192 17.9 14.3 21.5

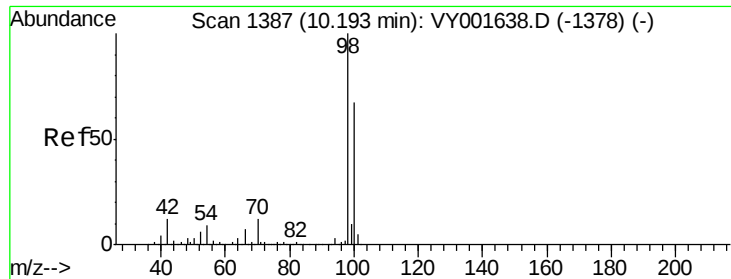


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.204 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001833.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

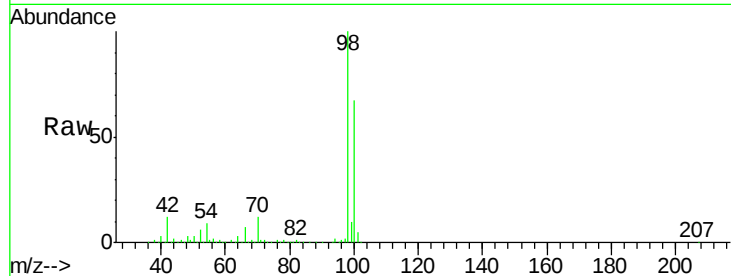
TR-05-030220

Tot Ion: 98 Resp: 359550

Ion Ratio Lower Upper

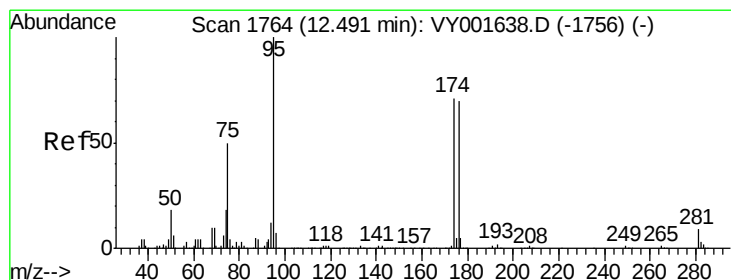
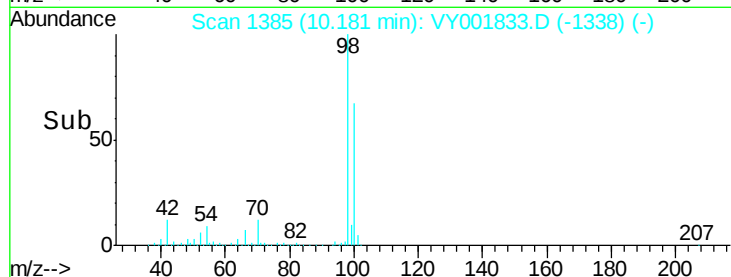
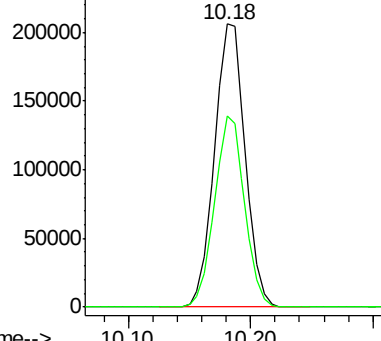
98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 46.600 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001833.D

Acq: 03 Mar 2020 14:36

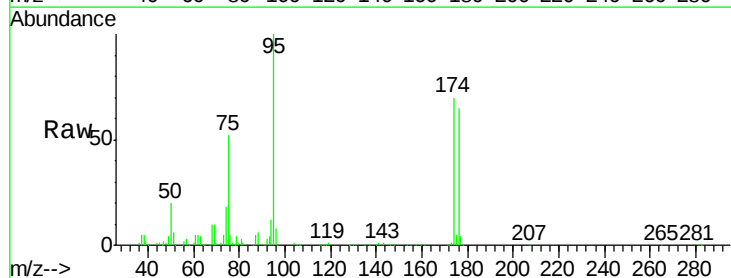
Tgt Ion: 95 Resp: 120086

Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

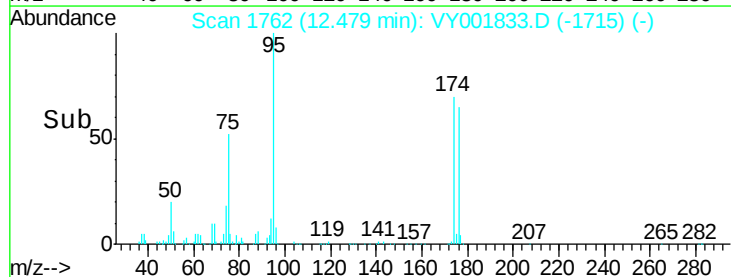
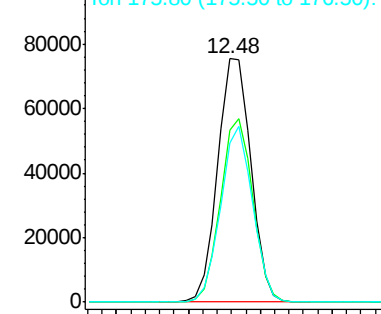
176 69.2 0.0 131.8

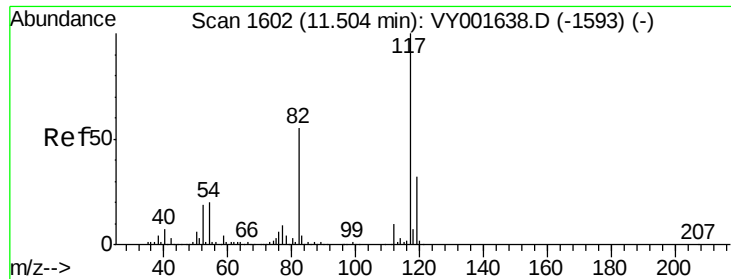


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

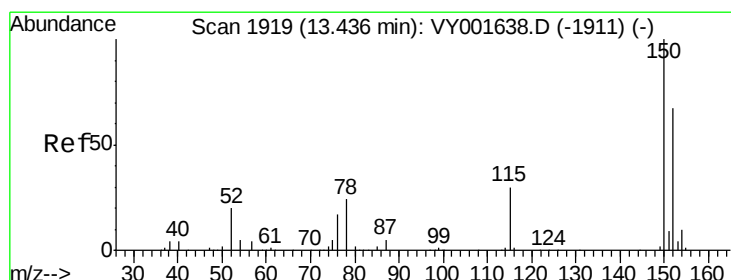
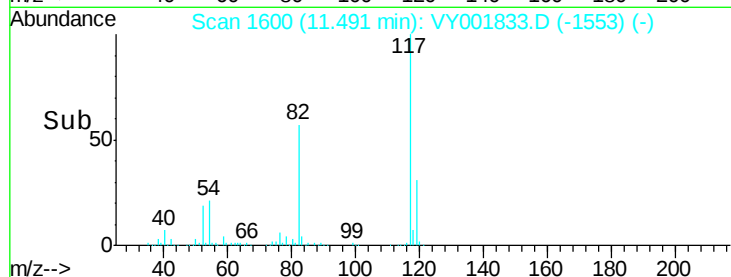
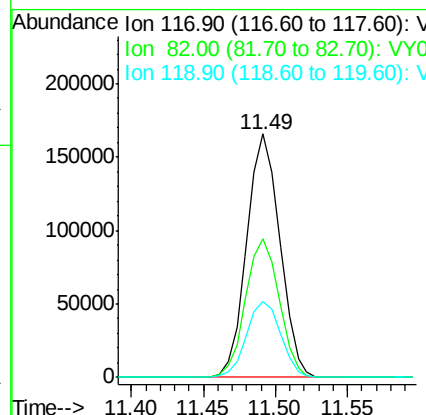
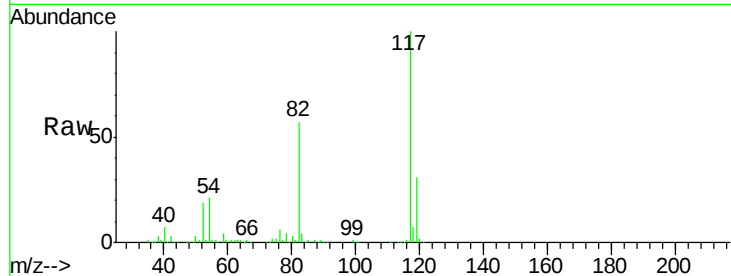




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001833.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-030220

Tot Ion:117 Resp: 264405
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001833.D
Acq: 03 Mar 2020 14:36

Tgt Ion:152 Resp: 114615
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 158.1 0.0 407.2

