

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001376.D
 Acq On : 24 Jan 2020 13:00
 Operator : SY/MD
 Sample : L1241-08
 Misc : 5.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-14

Quant Time: Jan 25 04:16:37 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	158154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88109	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.75	113	85055	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.19	98	344072	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	125701	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

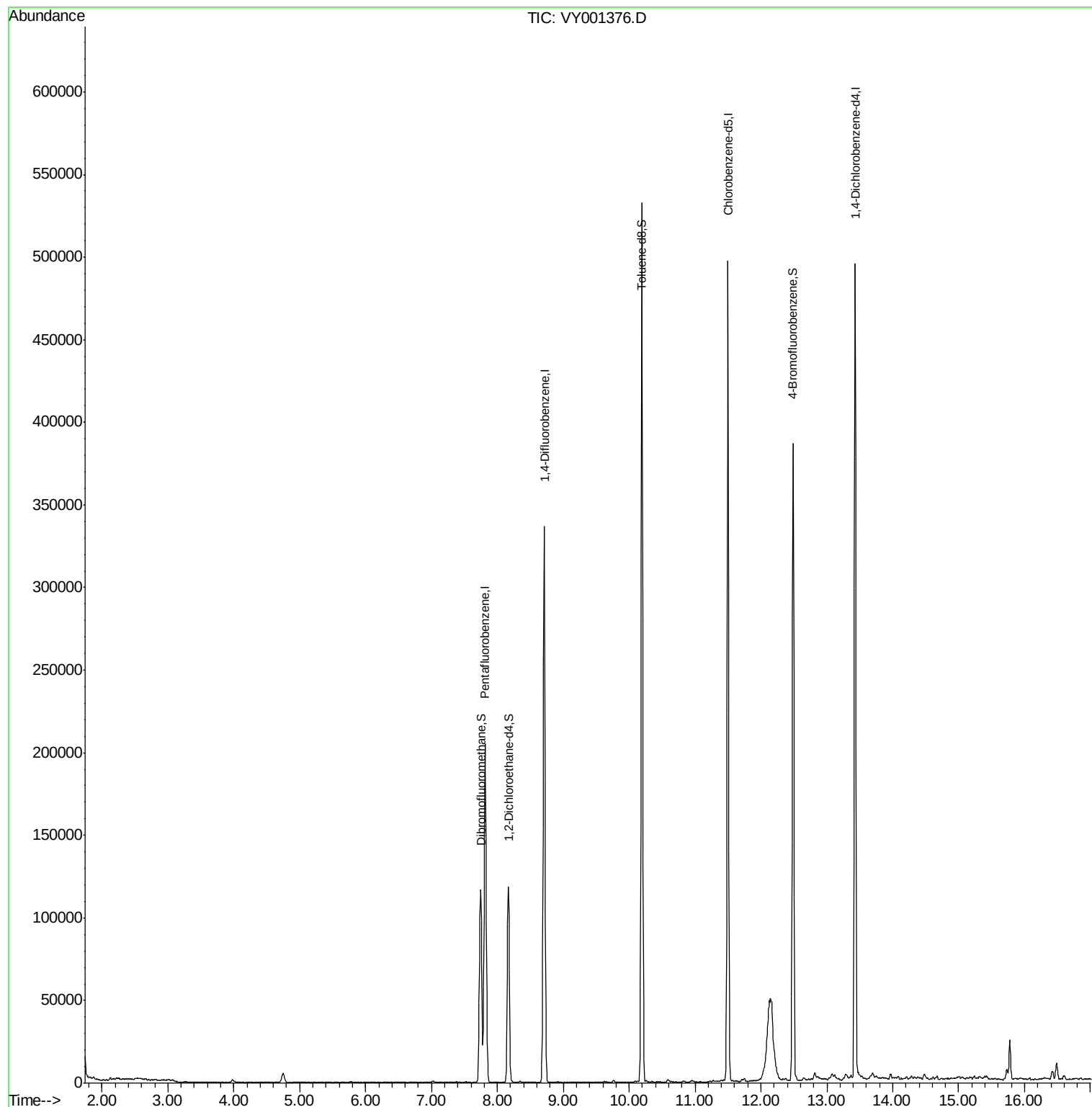
Target Compounds	Qvalue

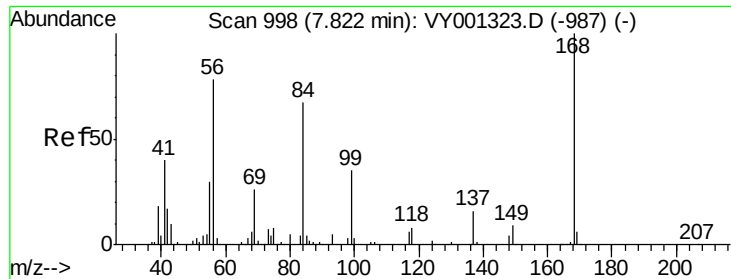
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

ClientSampled :

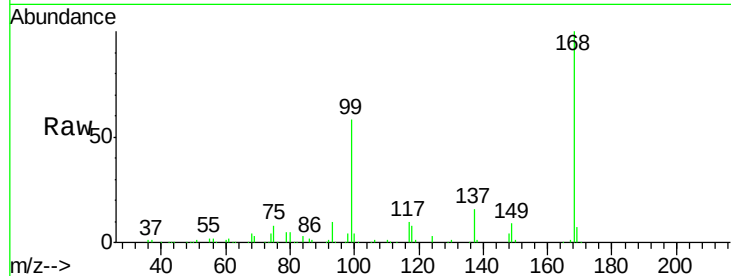
EP-14

Tot Ion:168 Resp: 158154

Ion Ratio Lower Upper

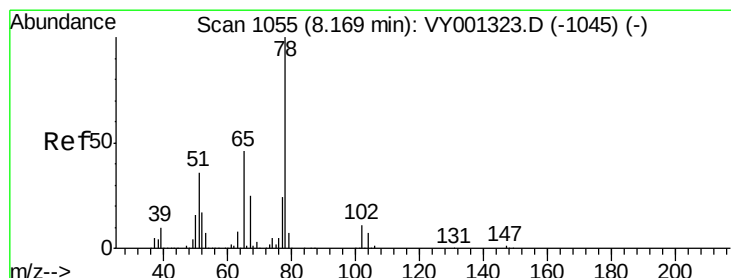
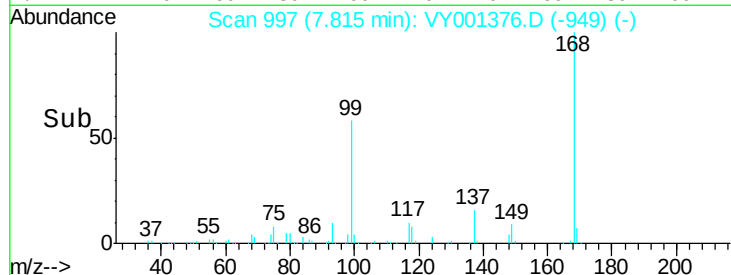
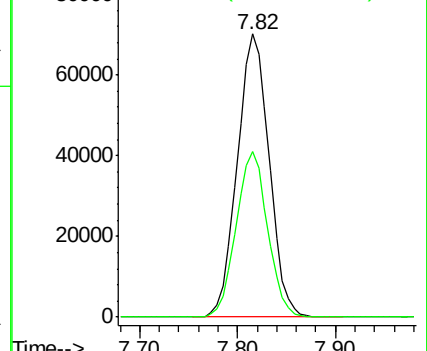
168 100

99 58.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 51.198 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001376.D

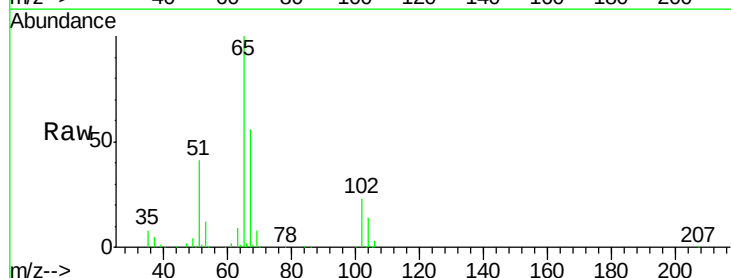
Acq: 24 Jan 2020 13:00

Tgt Ion: 65 Resp: 88109

Ion Ratio Lower Upper

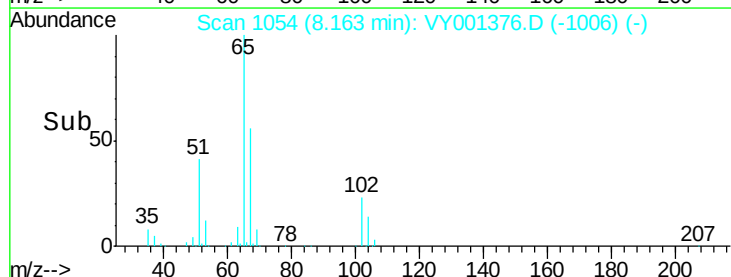
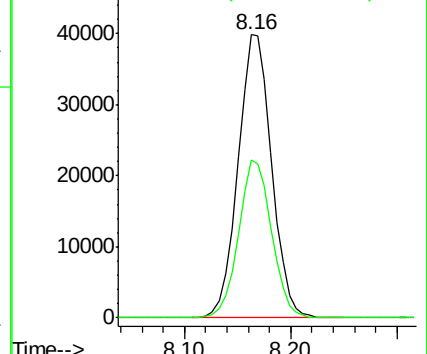
65 100

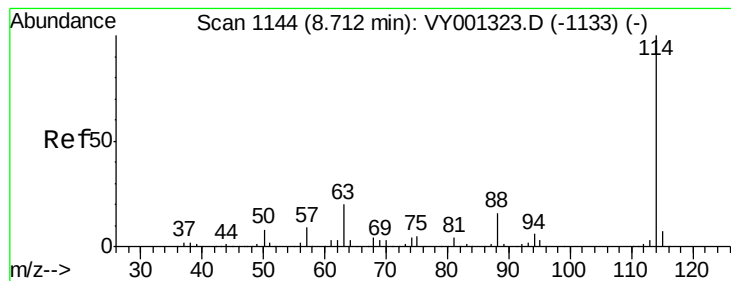
67 54.8 0.0 108.6



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: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EP-14

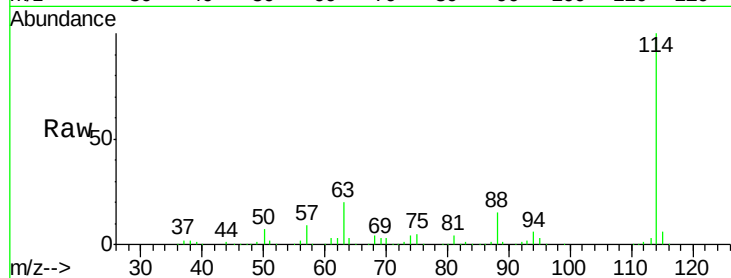
Tot Ion:114 Resp: 293903

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

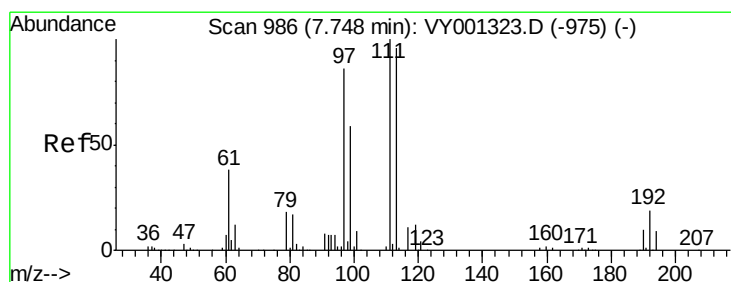
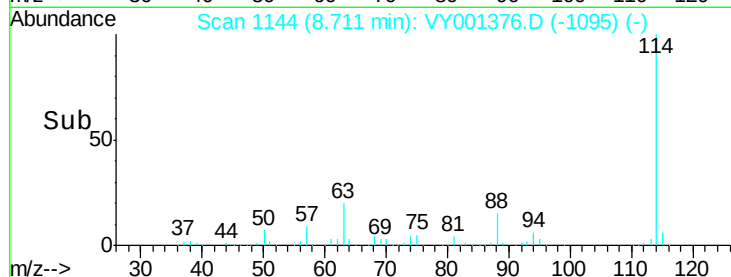
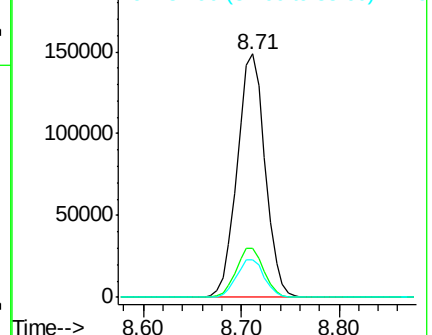
88 15.5 0.0 31.0



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: 49.309 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

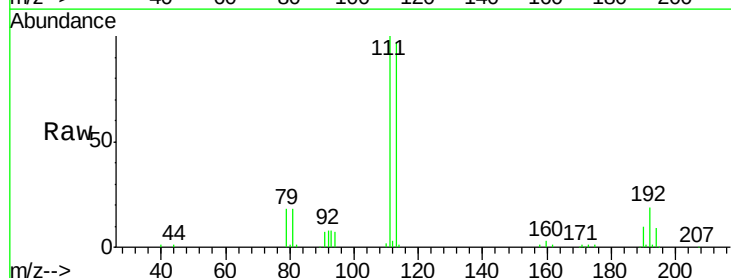
Tgt Ion:113 Resp: 85055

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

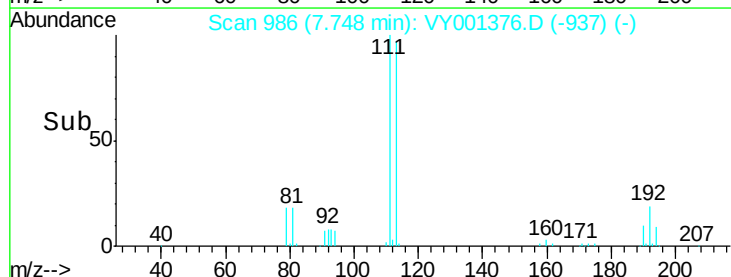
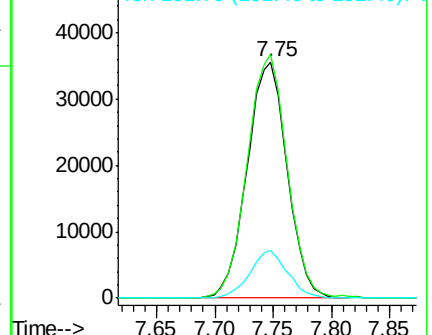
192 18.9 15.5 23.3

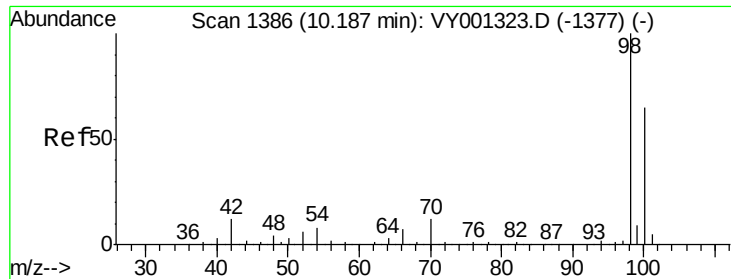


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.340 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

ClientSampled :

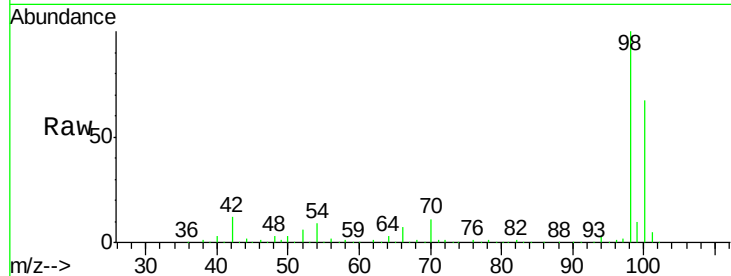
EP-14

Tot Ion: 98 Resp: 344072

Ion Ratio Lower Upper

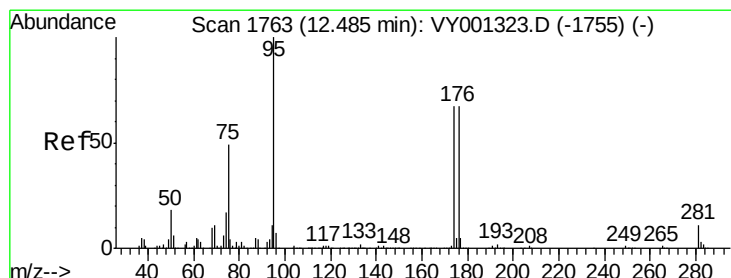
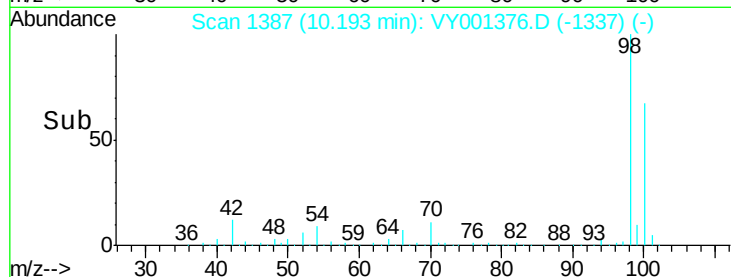
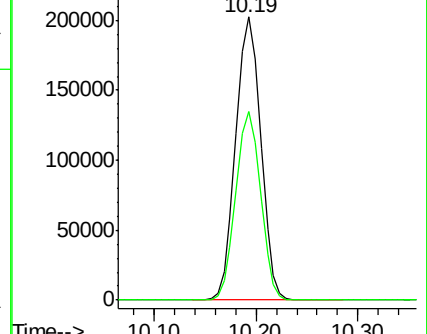
98 100

100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.099 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

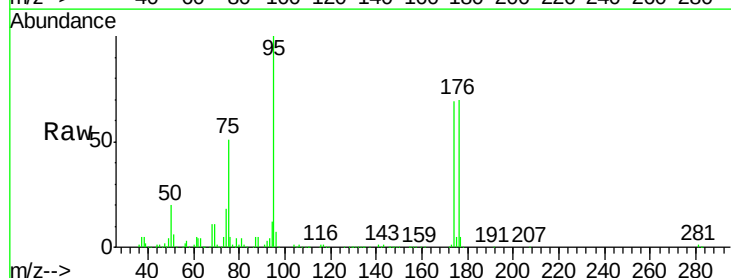
Tgt Ion: 95 Resp: 125701

Ion Ratio Lower Upper

95 100

174 75.6 0.0 142.0

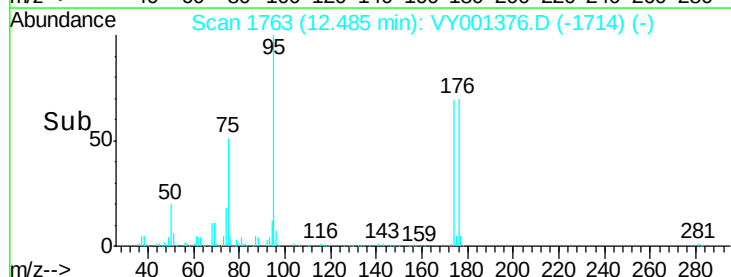
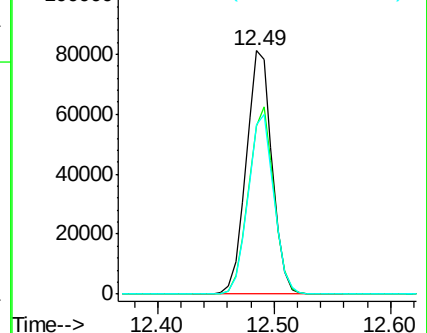
176 73.5 0.0 138.6

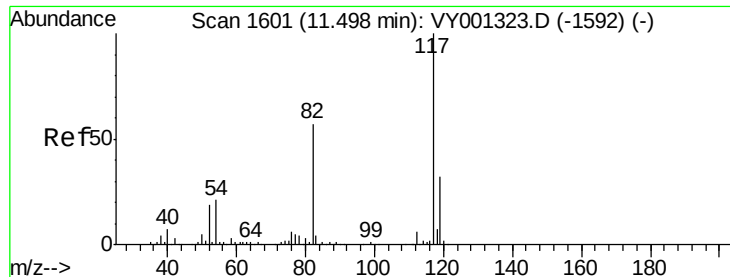


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

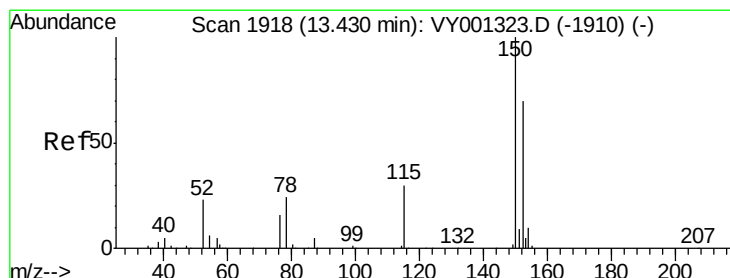
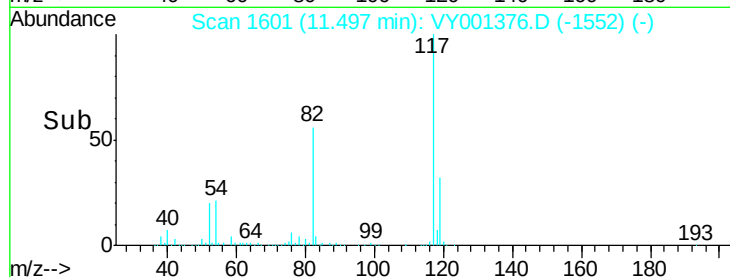
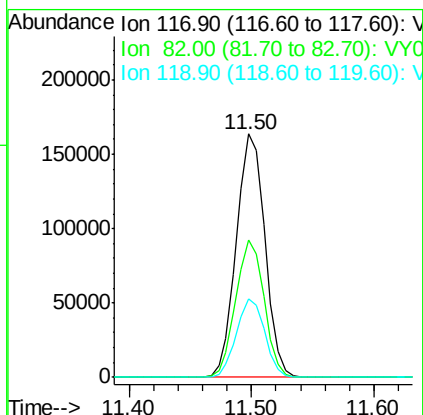
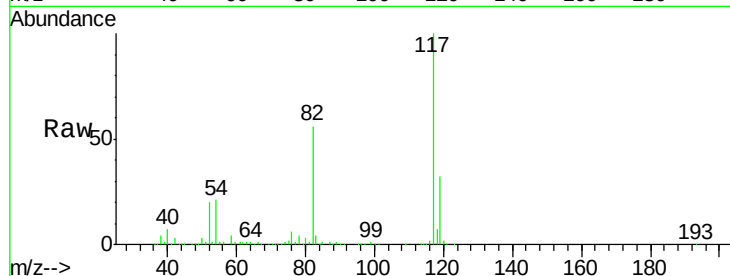




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Instrument :
MSVOA_Y
ClientSampled :
EP-14

Tot Ion:117 Resp: 264488
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Tgt Ion:152 Resp: 121625
Ion Ratio Lower Upper
152 100
115 61.5 30.9 92.8
150 157.5 0.0 349.2

