

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002285.D
 Acq On : 13 Apr 2020 17:09
 Operator : SY/MD
 Sample : L2215-19
 Misc : 8.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-7FT

Quant Time: Apr 14 09:19:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	8391	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	16962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	15531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	5582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	5460	58.51	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	117.02%	
35) Dibromofluoromethane	7.74	113	5045	49.99	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	99.98%	
50) Toluene-d8	10.19	98	21247	50.29	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	100.58%	
62) 4-Bromofluorobenzene	12.49	95	6944	49.82	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	99.64%	

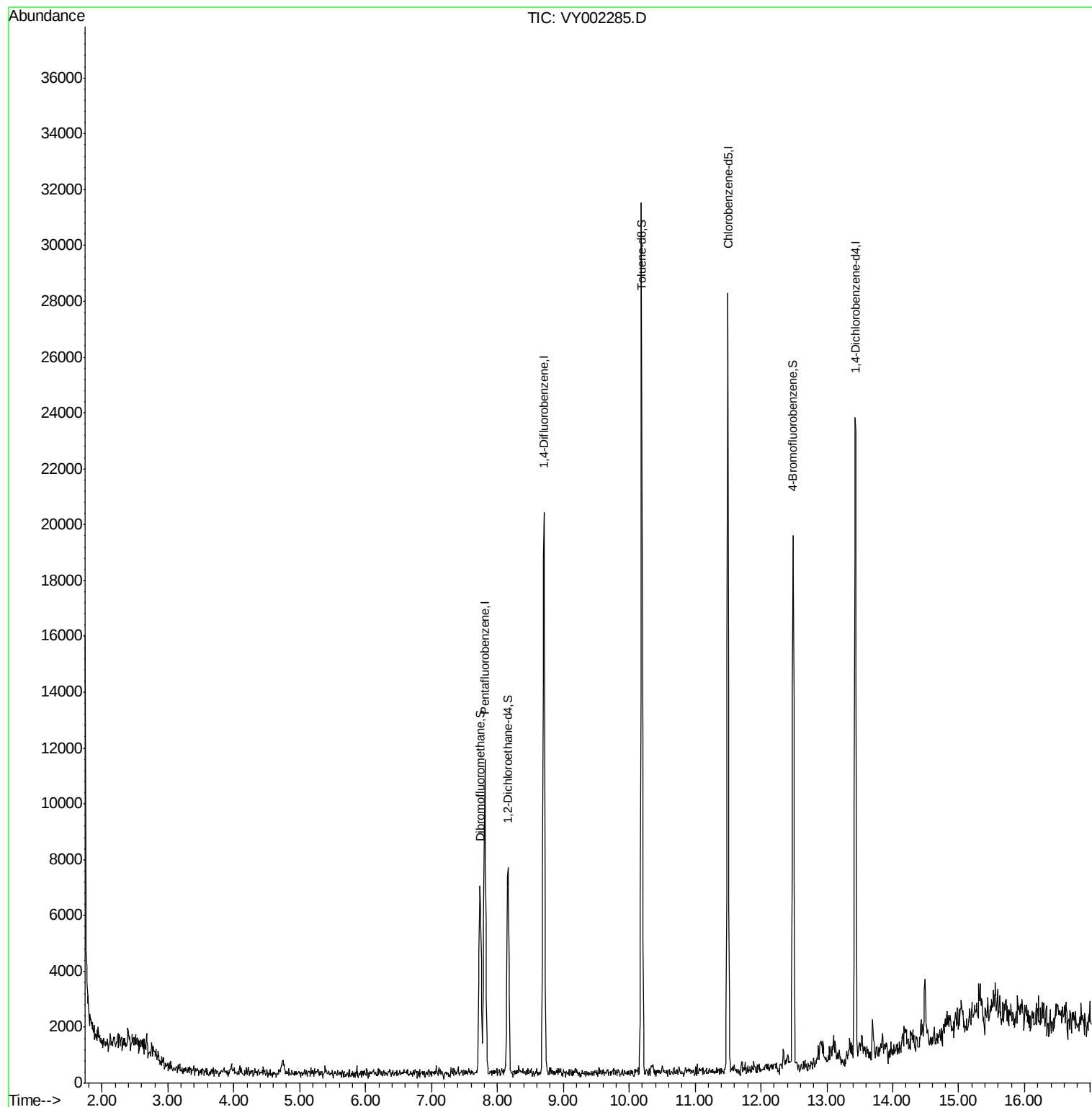
Target Compounds	Qvalue
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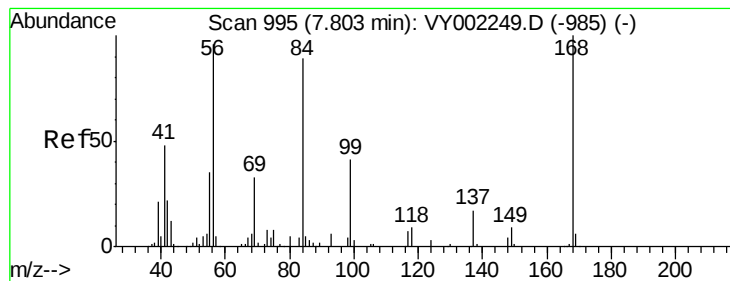
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002285.D

Acq: 13 Apr 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

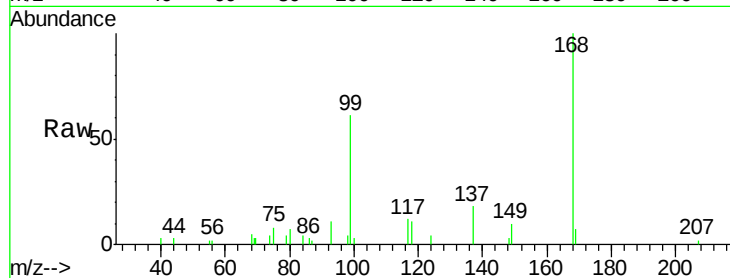
TP-5-7FT

Tot Ion:168 Resp: 8391

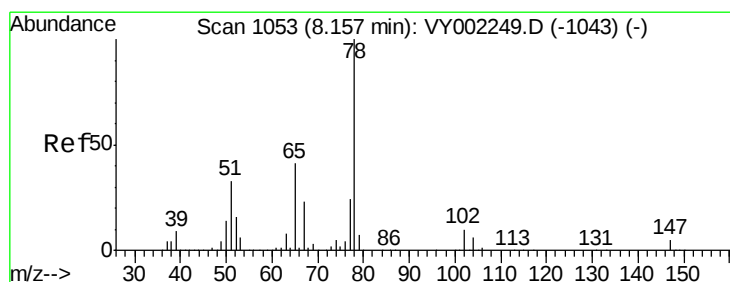
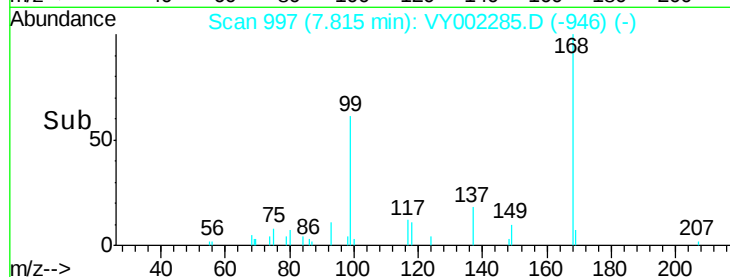
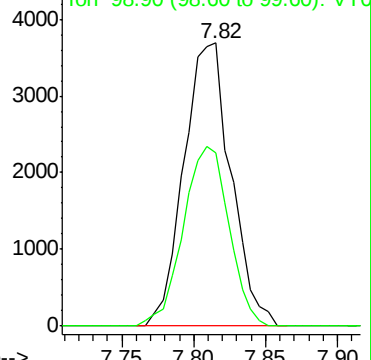
Ion Ratio Lower Upper

168 100

99 61.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.512 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002285.D

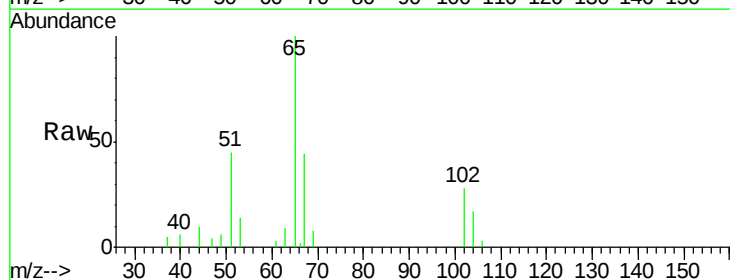
Acq: 13 Apr 2020 17:09

Tgt Ion: 65 Resp: 5460

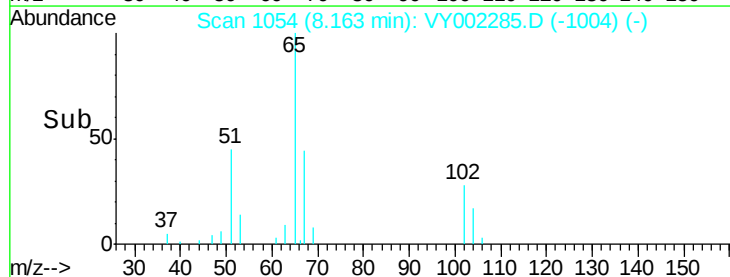
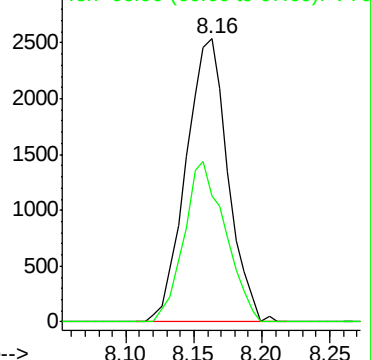
Ion Ratio Lower Upper

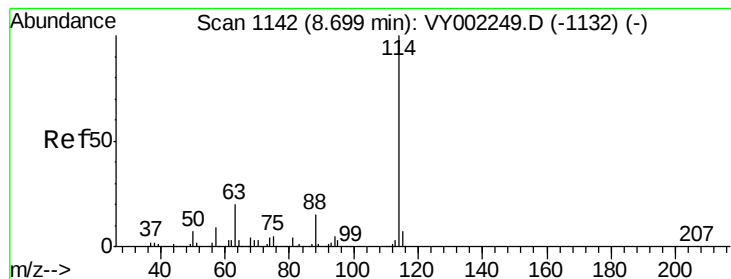
65 100

67 55.7 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002285.D

Acq: 13 Apr 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-7FT

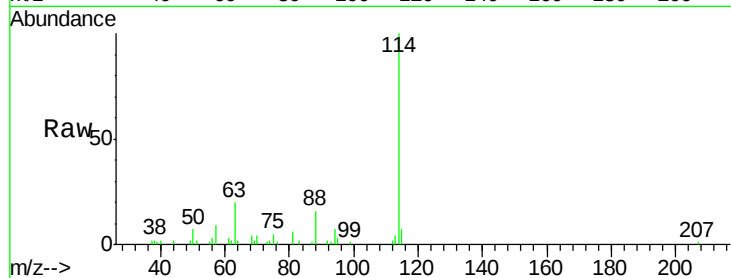
Tot Ion:114 Resp: 16962

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

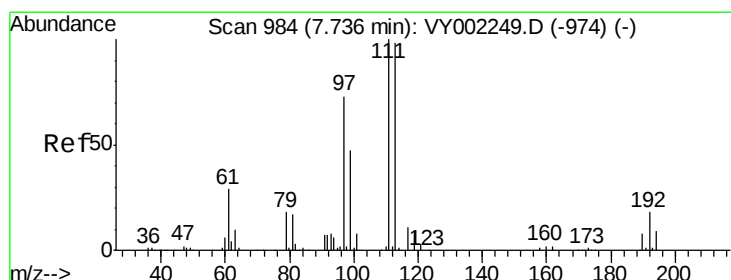
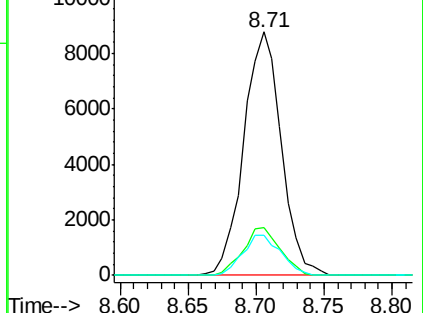
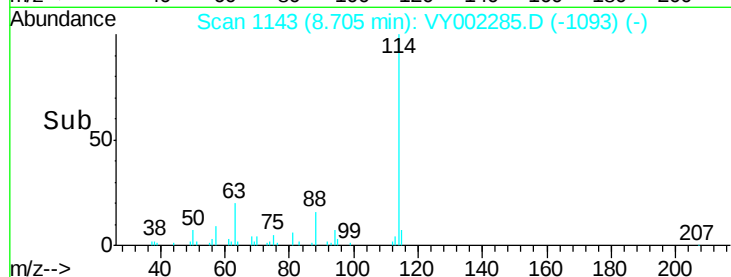
88 16.4 0.0 31.0



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: 49.985 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002285.D

Acq: 13 Apr 2020 17:09

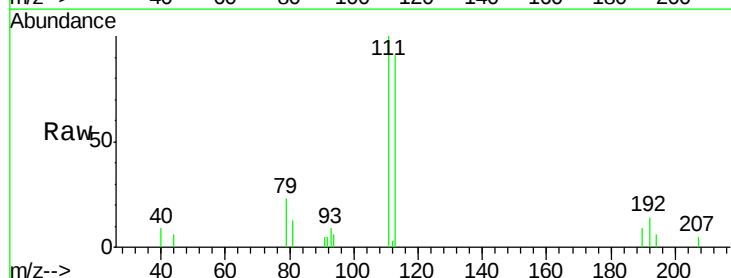
Tgt Ion:113 Resp: 5045

Ion Ratio Lower Upper

113 100

111 109.3 83.5 125.3

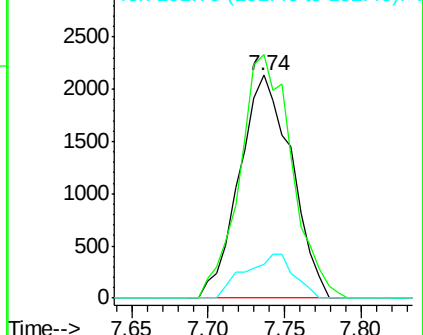
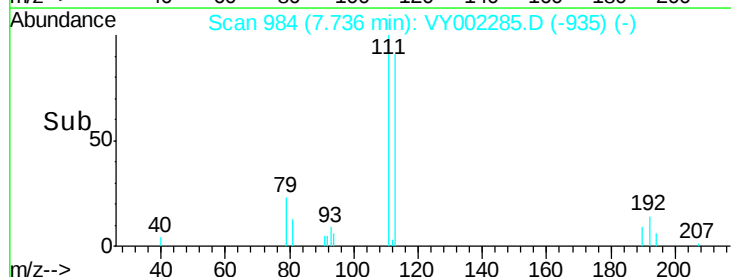
192 18.5 14.7 22.1

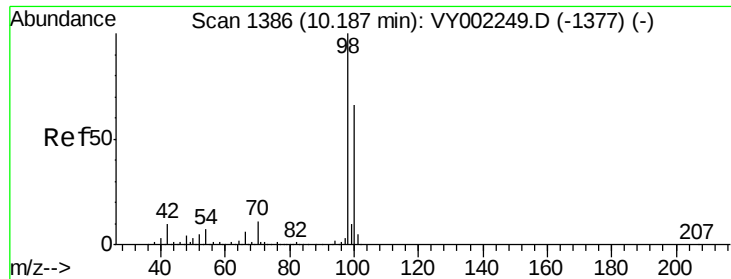


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.295 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002285.D

Acq: 13 Apr 2020 17:09

Instrument :

MSVOA_Y

ClientSampled :

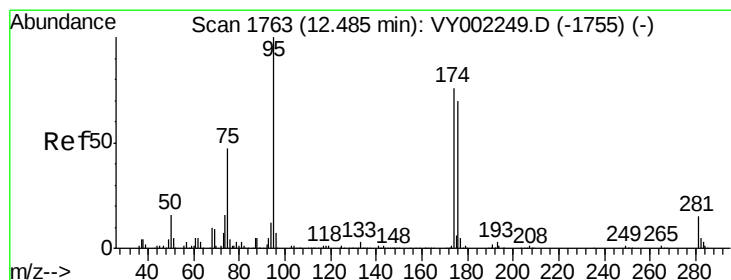
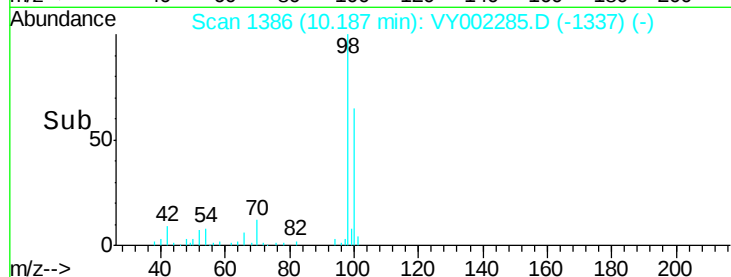
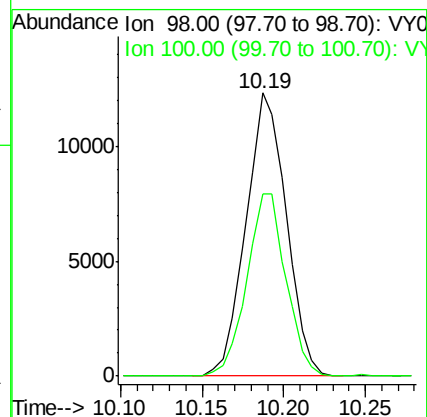
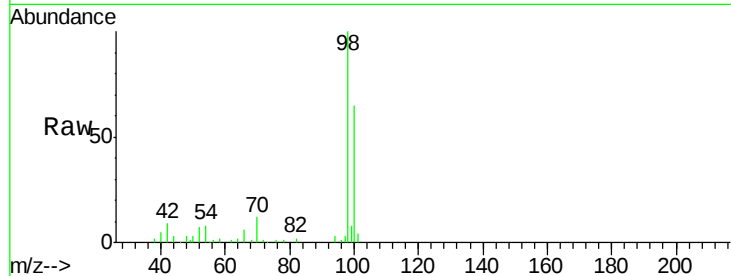
TP-5-7FT

Tot Ion: 98 Resp: 21247

Ion Ratio Lower Upper

98 100

100 62.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.824 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002285.D

Acq: 13 Apr 2020 17:09

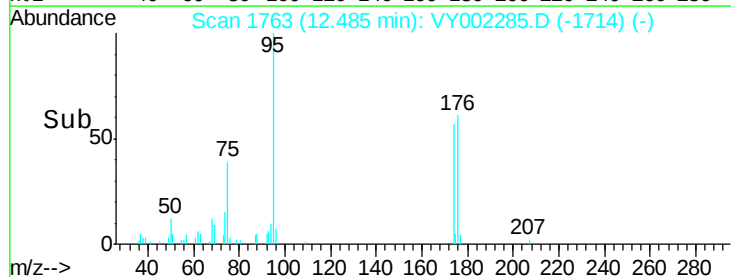
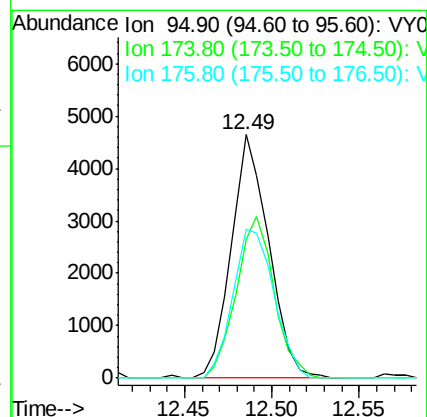
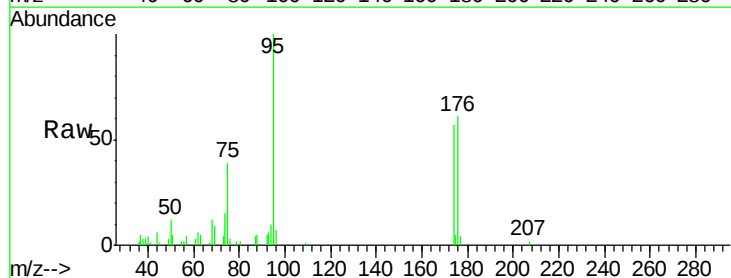
Tgt Ion: 95 Resp: 6944

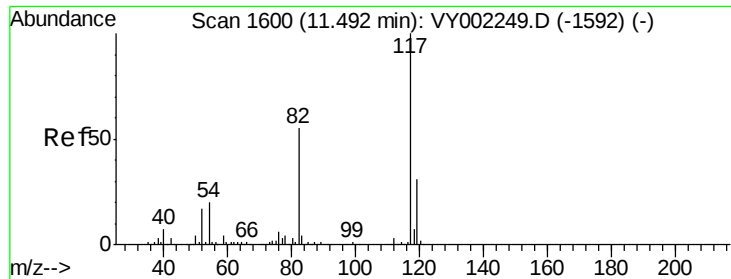
Ion Ratio Lower Upper

95 100

174 67.0 0.0 150.6

176 67.1 0.0 141.4

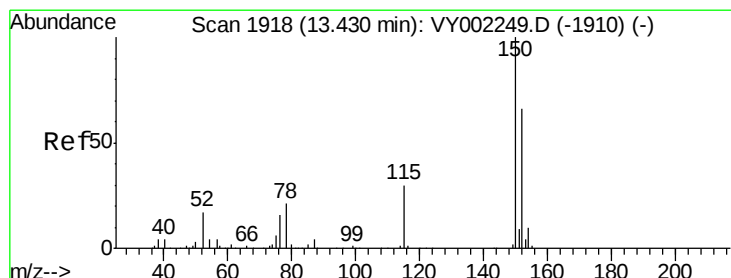
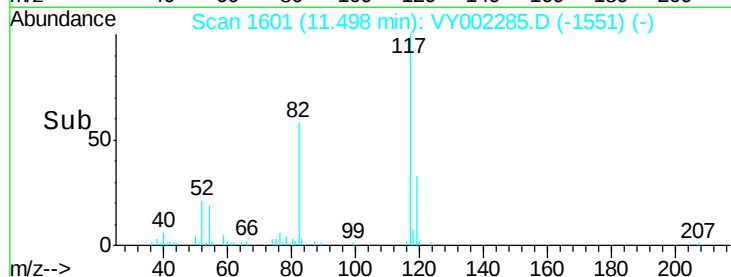
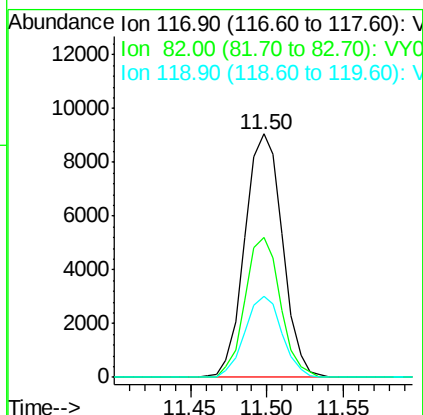
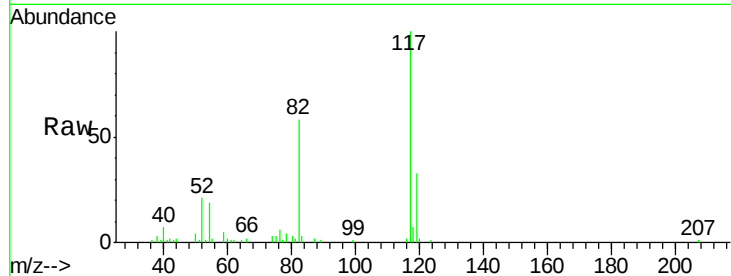




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002285.D
Acq: 13 Apr 2020 17:09

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-7FT

Tot Ion:117 Resp: 15531
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.4
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002285.D
Acq: 13 Apr 2020 17:09

Tgt Ion:152 Resp: 5582
Ion Ratio Lower Upper
152 100
115 63.2 30.7 92.1
150 170.5 0.0 350.6

