

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002081.D
 Acq On : 25 Mar 2020 20:35
 Operator : SY/MD
 Sample : L2040-01
 Misc : 6.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-350

Quant Time: Mar 26 08:59:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	124133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	243599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	223636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	96749	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	80369	60.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.30%	
35) Dibromofluoromethane	7.75	113	71636	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.20	98	300297	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.50	95	100364	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

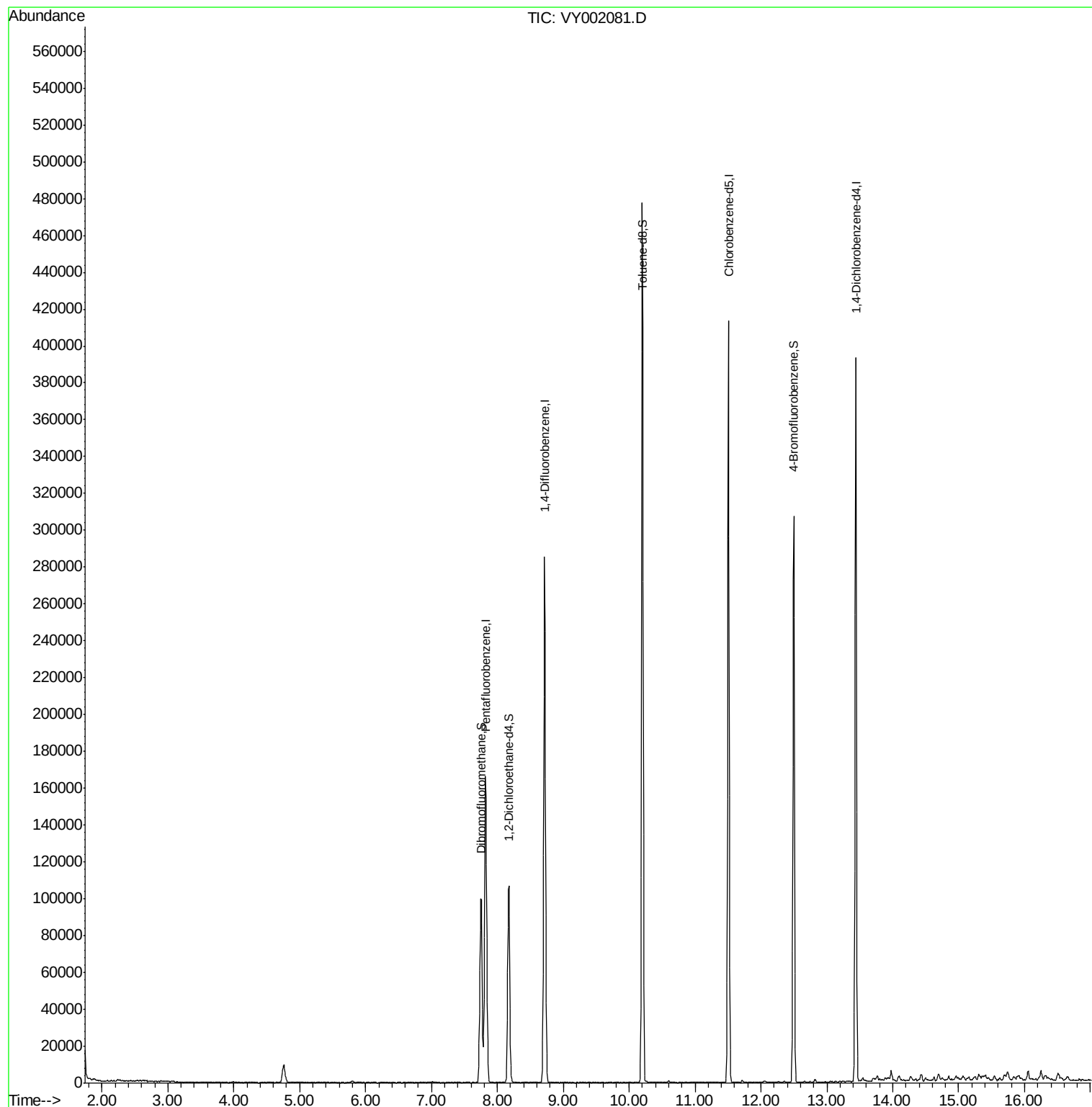
Target Compounds	Qvalue

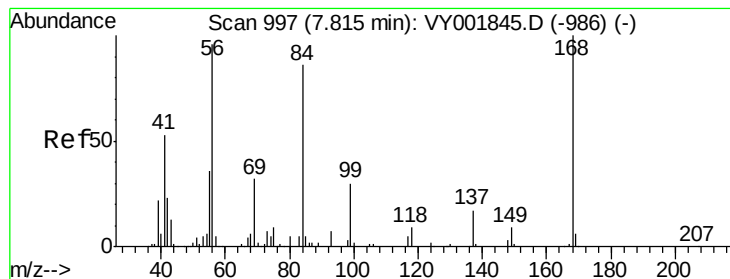
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002081.D

Acq: 25 Mar 2020 20:35

Instrument :

MSVOA_Y

ClientSampled :

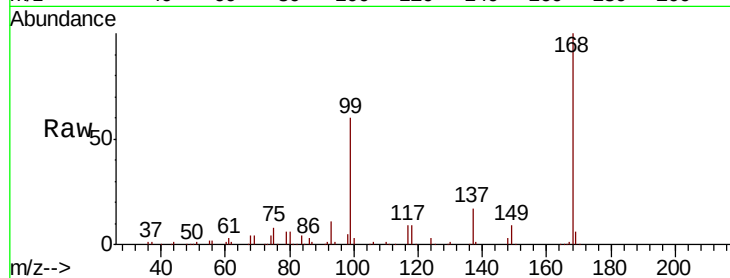
RO-350

Tot Ion:168 Resp: 124133

Ion Ratio Lower Upper

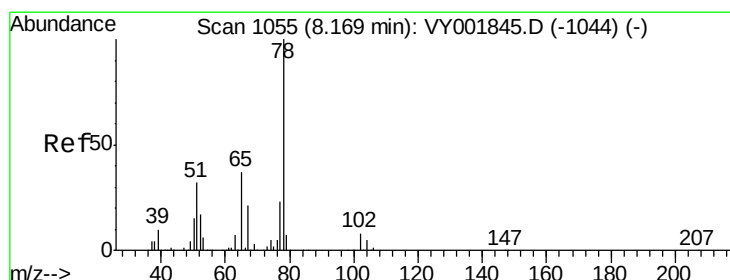
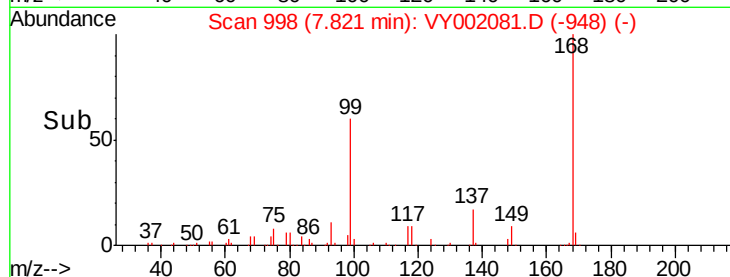
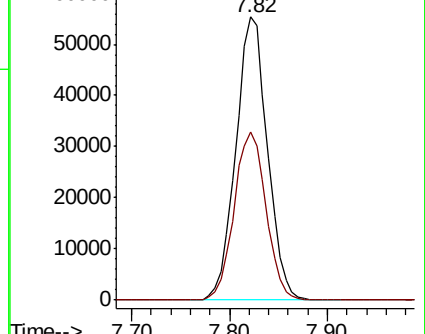
168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.647 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002081.D

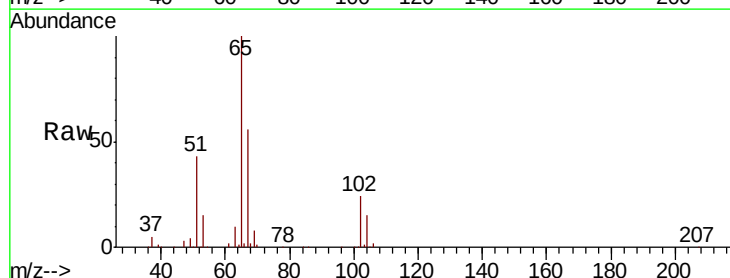
Acq: 25 Mar 2020 20:35

Tgt Ion: 65 Resp: 80369

Ion Ratio Lower Upper

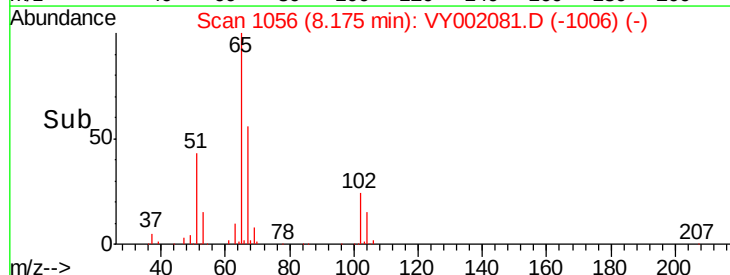
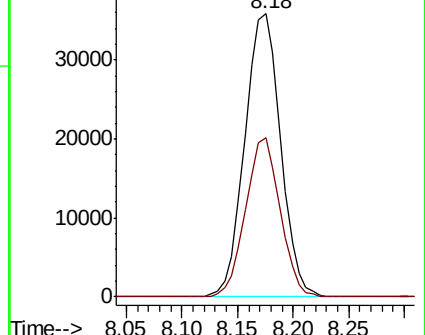
65 100

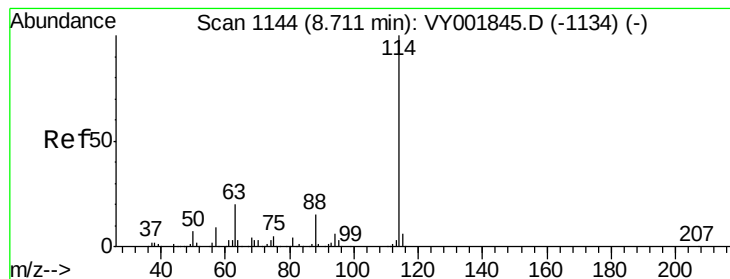
67 54.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002081.D

Acq: 25 Mar 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

RO-350

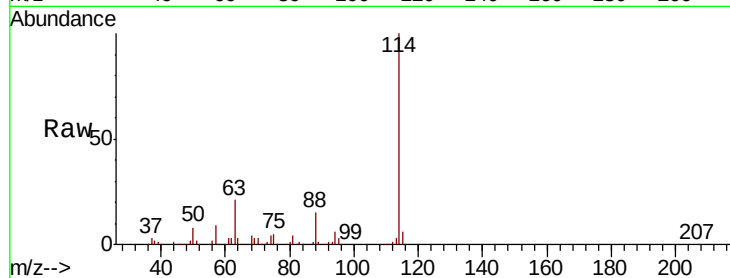
Tot Ion:114 Resp: 243599

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.4

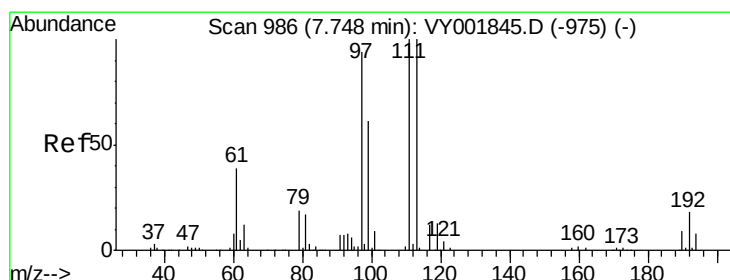
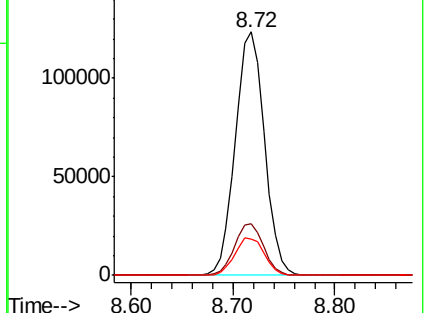
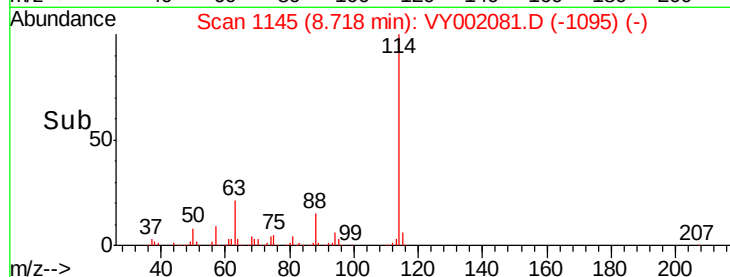
88 15.0 0.0 30.4



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: 53.855 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY002081.D

Acq: 25 Mar 2020 20:35

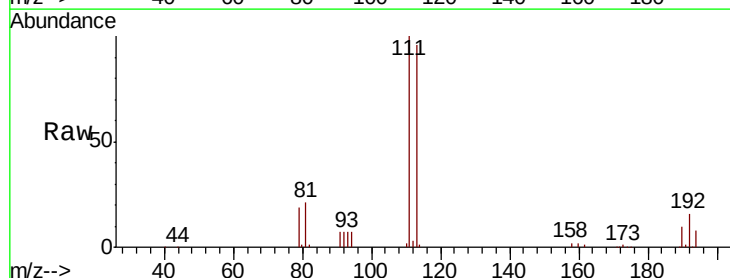
Tgt Ion:113 Resp: 71636

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

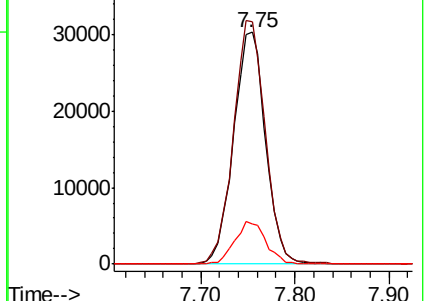
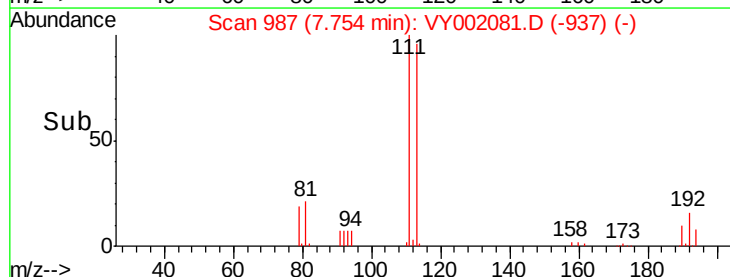
192 17.7 14.2 21.2

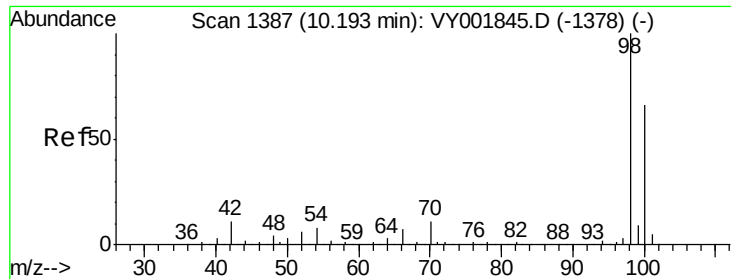


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.538 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002081.D

Acq: 25 Mar 2020 20:35

Instrument :

MSVOA_Y

ClientSampled :

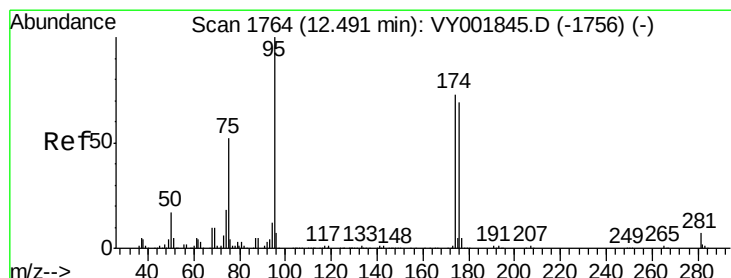
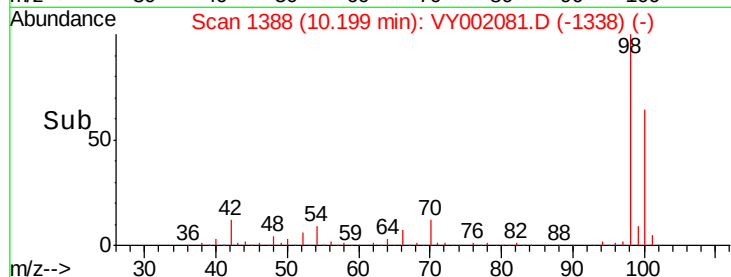
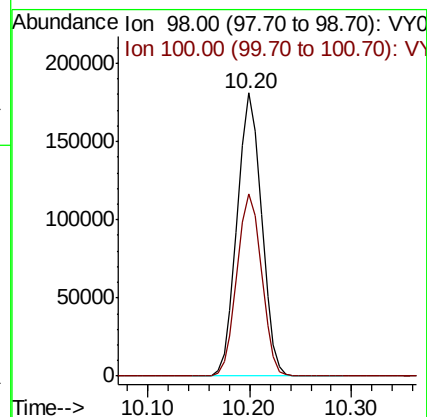
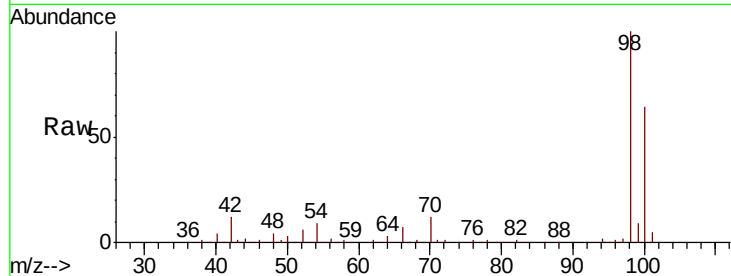
RO-350

Tot Ion: 98 Resp: 300297

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.460 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002081.D

Acq: 25 Mar 2020 20:35

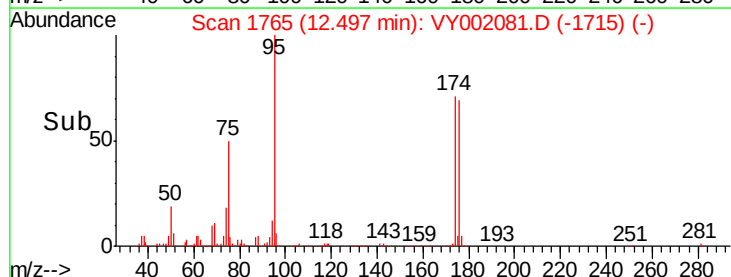
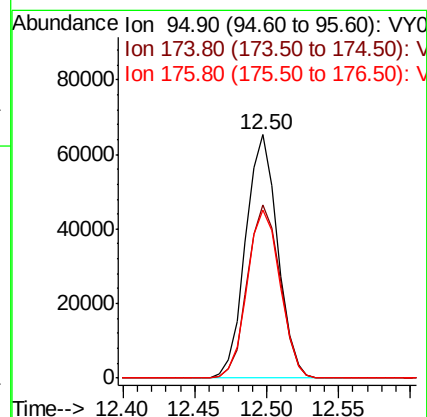
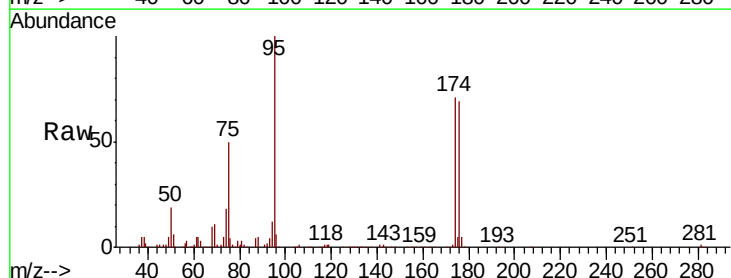
Tgt Ion: 95 Resp: 100364

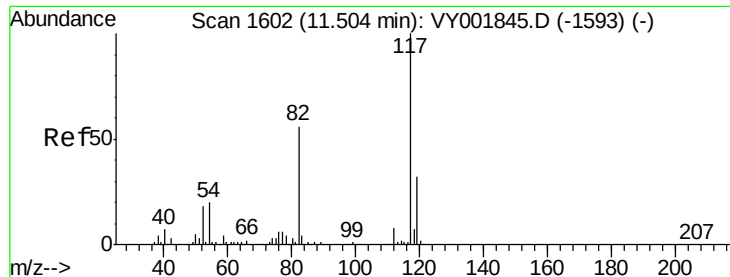
Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.0

176 70.8 0.0 137.4

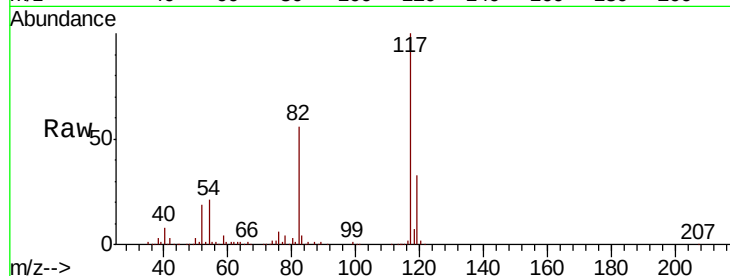




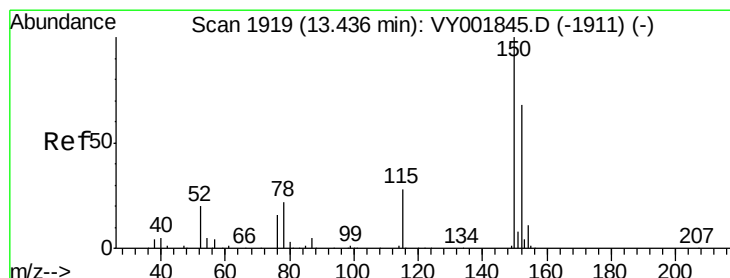
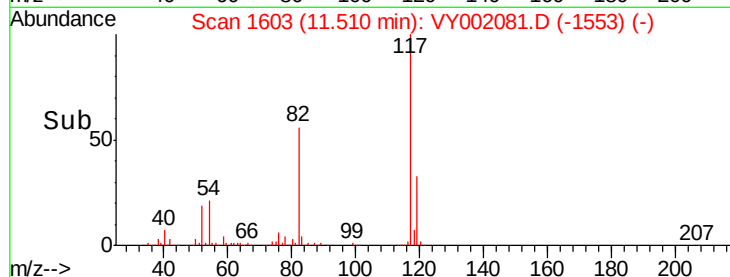
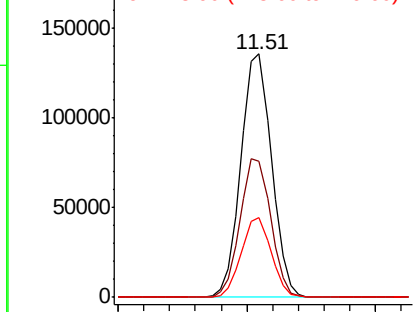
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002081.D
Acq: 25 Mar 2020 20:35

Instrument :
MSVOA_Y
ClientSampleId :
RO-350

Tot Ion:117 Resp: 223636
Ion Ratio Lower Upper
117 100
82 55.8 44.5 66.7
119 32.9 25.7 38.5

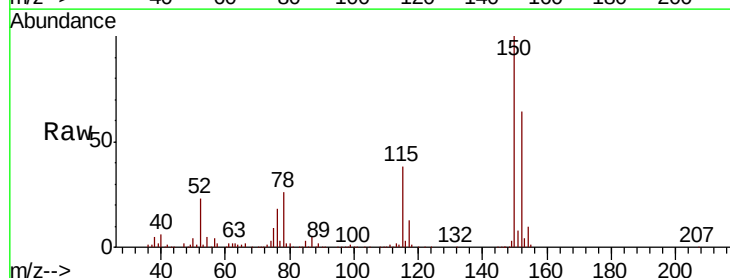


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002081.D
Acq: 25 Mar 2020 20:35

Tgt Ion:152 Resp: 96749
Ion Ratio Lower Upper
152 100
115 60.5 29.9 89.7
150 156.9 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

