

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001980.D
 Acq On : 16 Mar 2020 14:08
 Operator : SY/MD
 Sample : L1942-24
 Misc : 7.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5(8-9)

Quant Time: Mar 17 08:42:05 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	142947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111709	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	88155	57.77	ug/l	0.00
Spiked Amount			Recovery	=	115.54%	
35) Dibromofluoromethane	7.74	113	81875	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
50) Toluene-d8	10.19	98	335271	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.49	95	115128	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

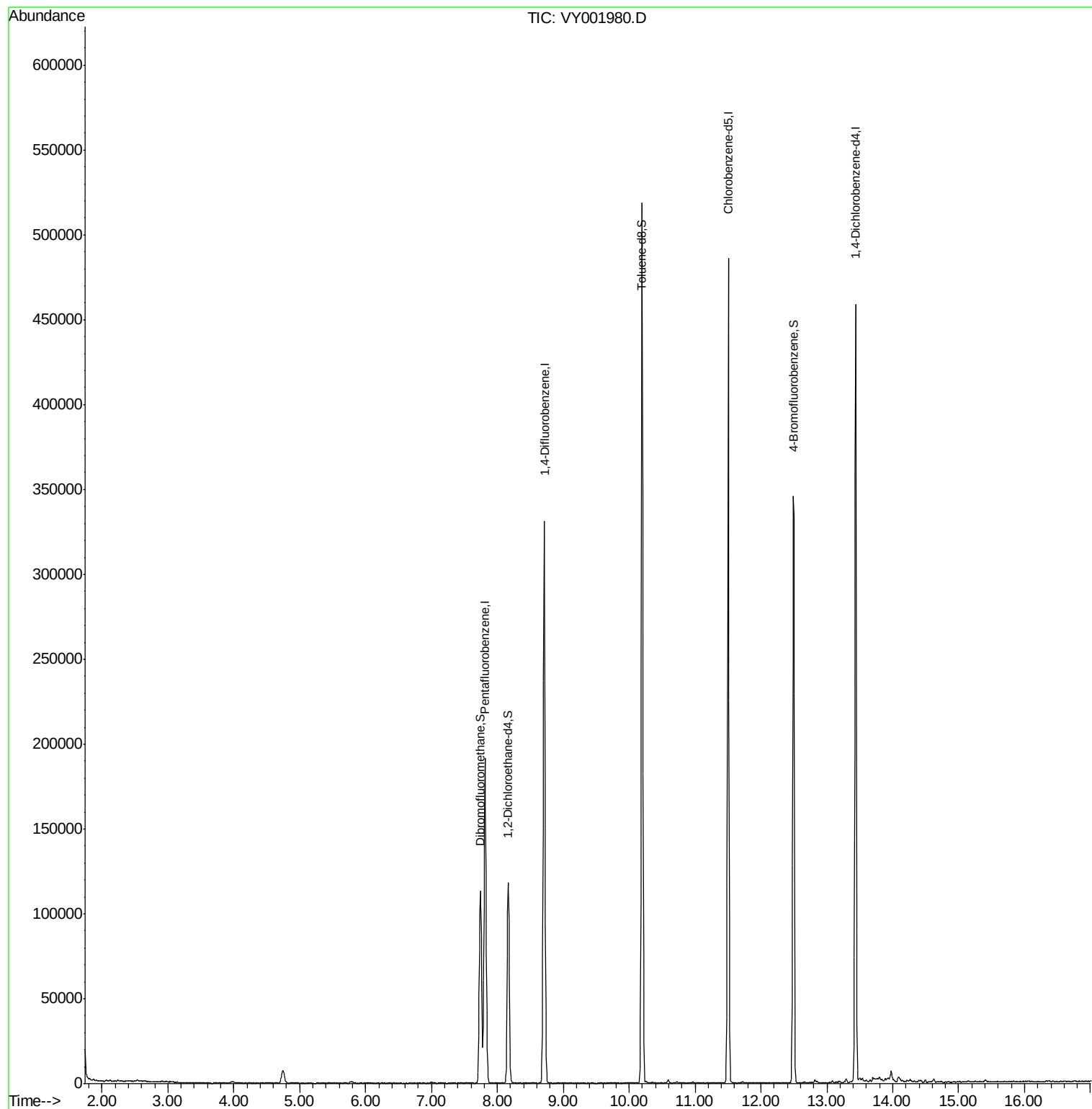
Target Compounds	Qvalue
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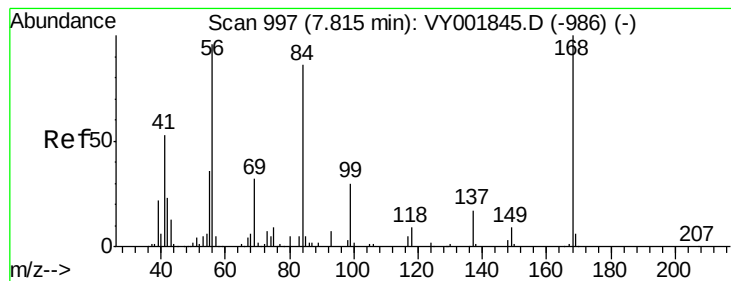
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001980.D

Acq: 16 Mar 2020 14:08

Instrument :

MSVOA_Y

ClientSampleId :

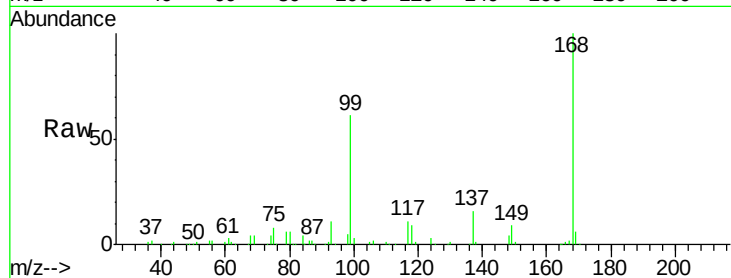
TP-5(8-9)

Tot Ion:168 Resp: 142947

Ion Ratio Lower Upper

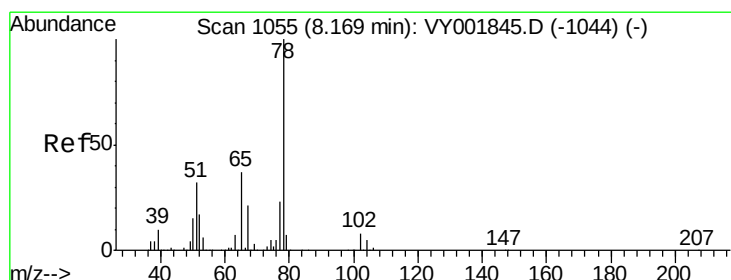
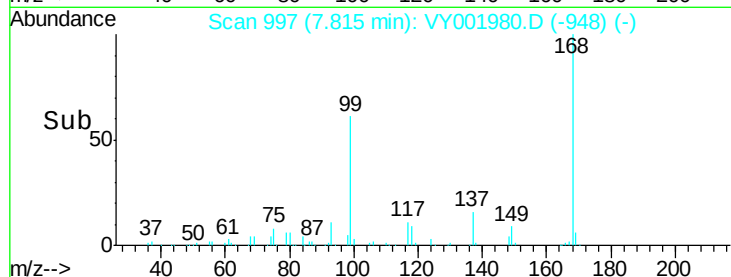
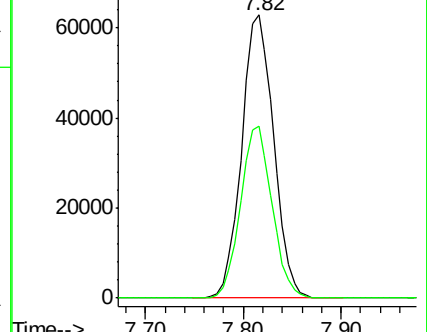
168 100

99 60.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001980.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY001980.D (-1006) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.767 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001980.D

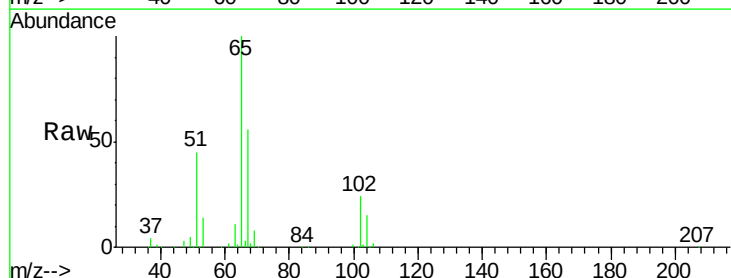
Acq: 16 Mar 2020 14:08

Tgt Ion: 65 Resp: 88155

Ion Ratio Lower Upper

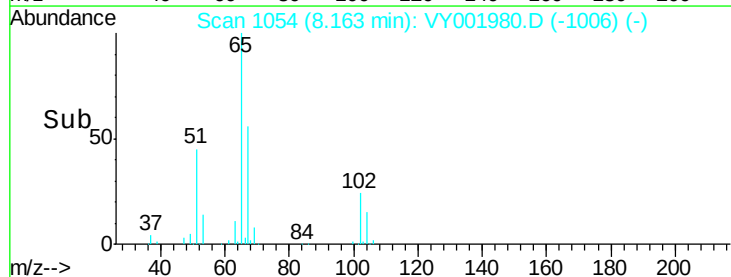
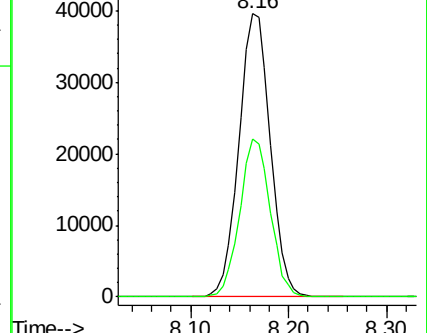
65 100

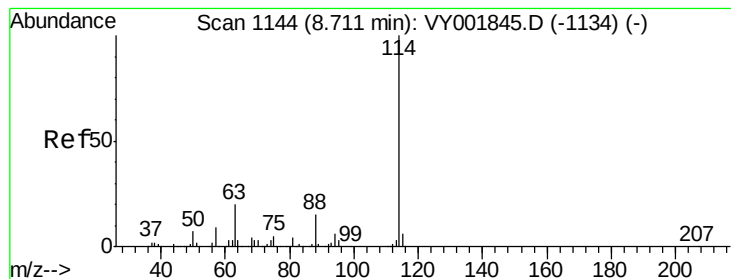
67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001980.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001980.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001980.D

Acq: 16 Mar 2020 14:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-5(8-9)

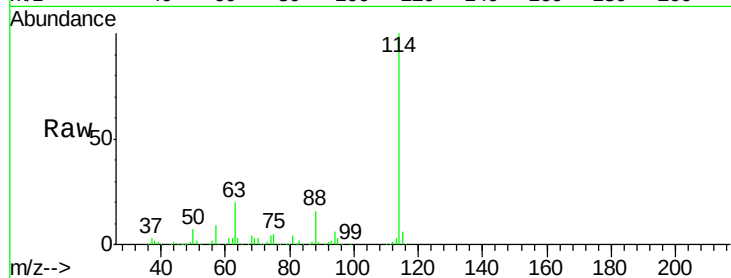
Tot Ion:114 Resp: 279873

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

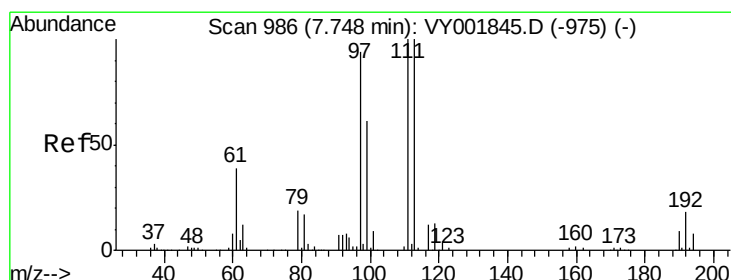
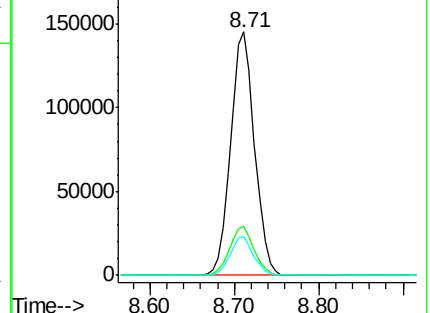
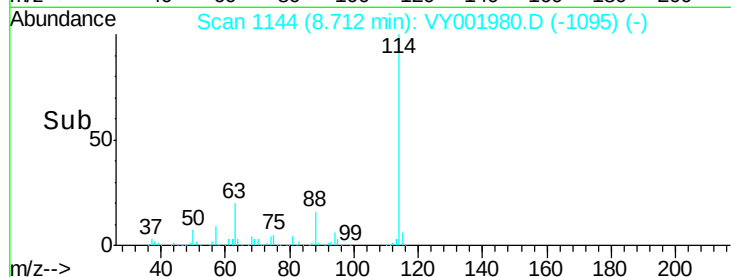
88 15.9 0.0 30.4



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: 53.575 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001980.D

Acq: 16 Mar 2020 14:08

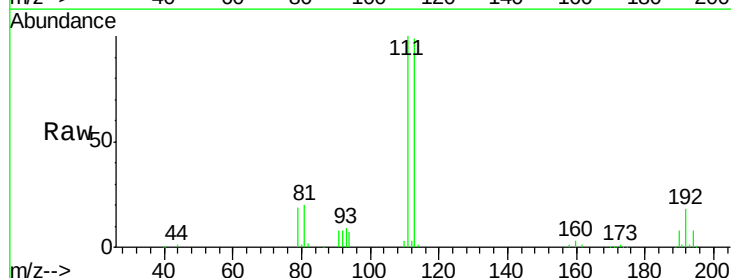
Tgt Ion:113 Resp: 81875

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

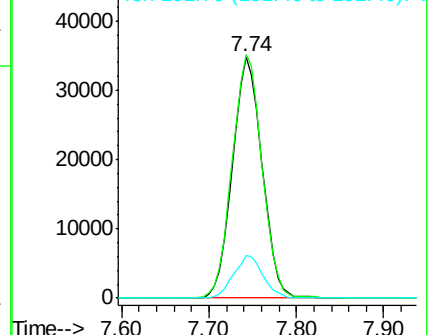
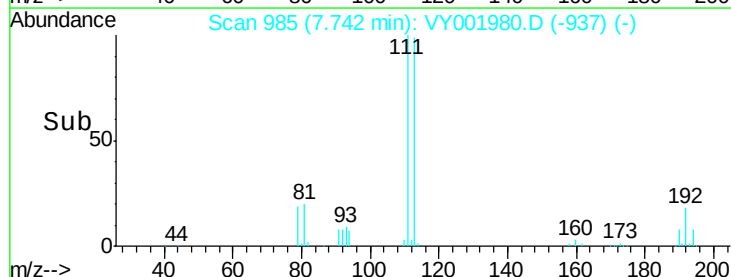
192 17.5 14.2 21.2

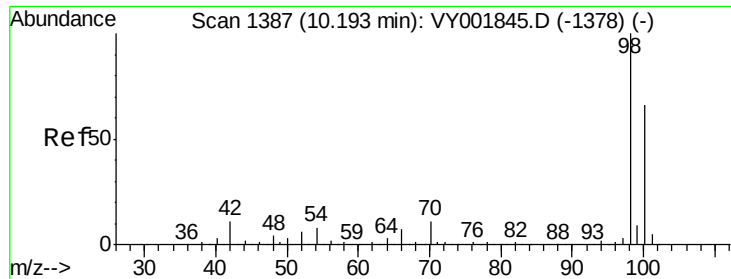


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.026 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001980.D

Acq: 16 Mar 2020 14:08

Instrument :

MSVOA_Y

ClientSampleId :

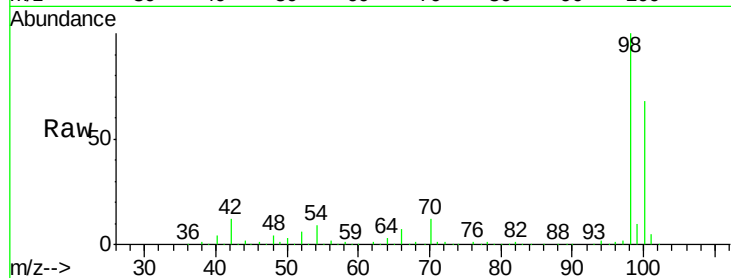
TP-5(8-9)

Tot Ion: 98 Resp: 335271

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

200000

150000

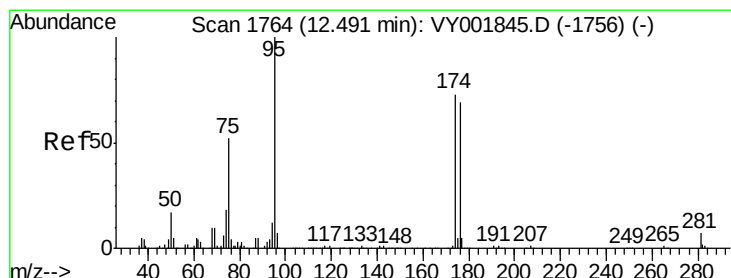
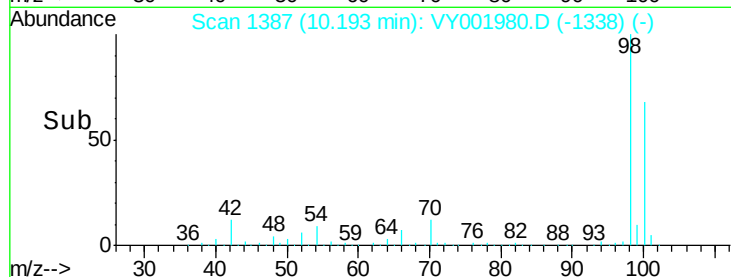
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.379 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001980.D

Acq: 16 Mar 2020 14:08

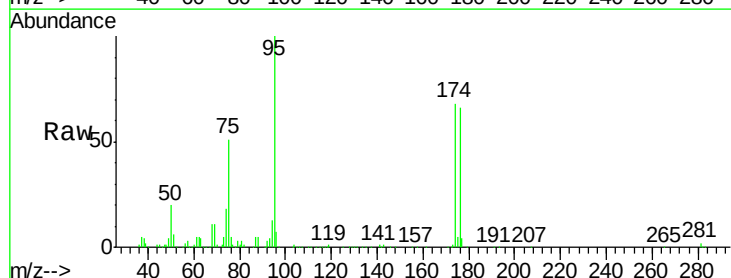
Tgt Ion: 95 Resp: 115128

Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.0

176 69.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

100000

80000

60000

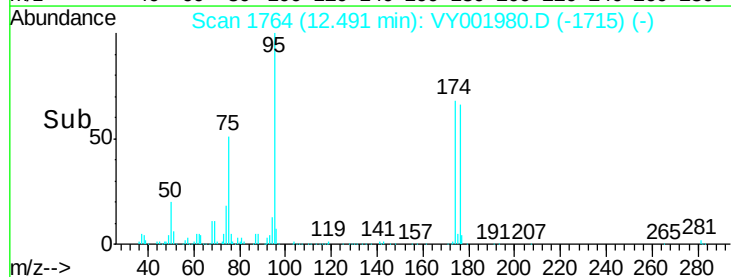
40000

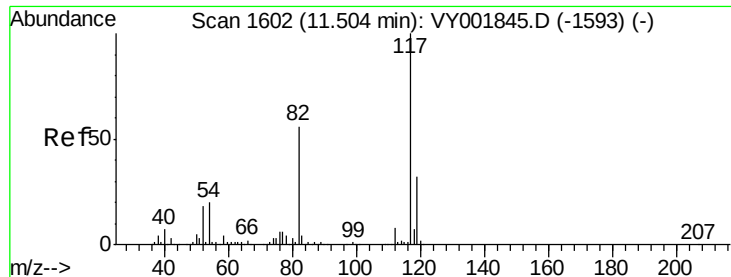
20000

0

12.40 12.50

Time-->

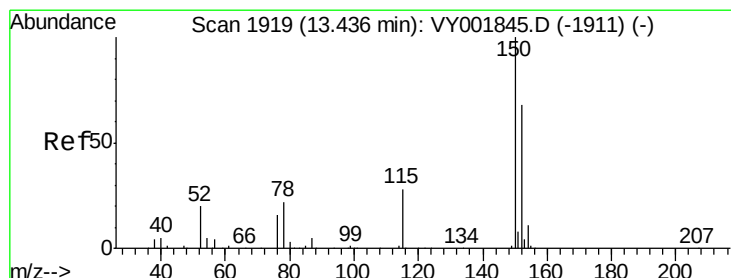
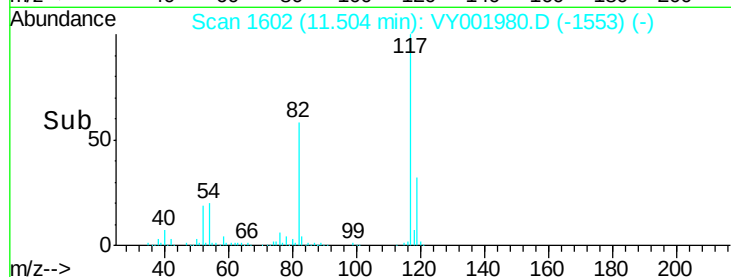
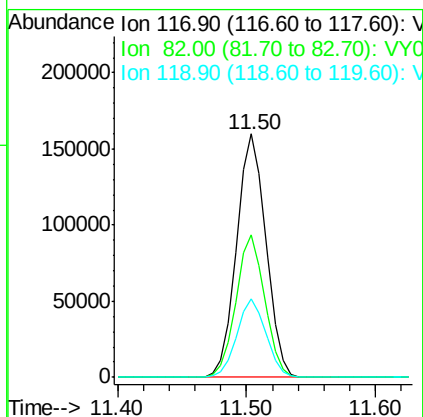
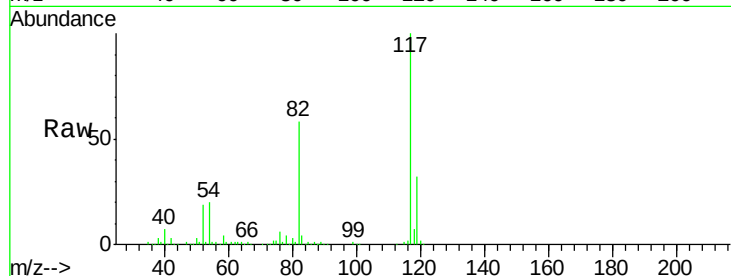




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001980.D
Acq: 16 Mar 2020 14:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-5(8-9)

Tot Ion:117 Resp: 253013
Ion Ratio Lower Upper
117 100
82 58.5 44.5 66.7
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001980.D
Acq: 16 Mar 2020 14:08

Tgt Ion:152 Resp: 111709
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 158.4 0.0 340.6

