

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001935.D
 Acq On : 11 Mar 2020 12:00
 Operator : SY/MD
 Sample : VY0311SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

Quant Time: Mar 12 02:06:00 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	7.80	168	143040	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	276417	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	248379	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	109296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	85965	56.29	ug/l	-0.02
Spiked Amount						
			Recovery	=		112.58%
35) Dibromofluoromethane	7.73	113	81011	53.67	ug/l	-0.02
Spiked Amount						
			Recovery	=		107.34%
50) Toluene-d8	10.18	98	331107	52.02	ug/l	-0.01
Spiked Amount						
			Recovery	=		104.04%
62) 4-Bromofluorobenzene	12.48	95	113304	51.20	ug/l	0.00
Spiked Amount						
			Recovery	=		102.40%

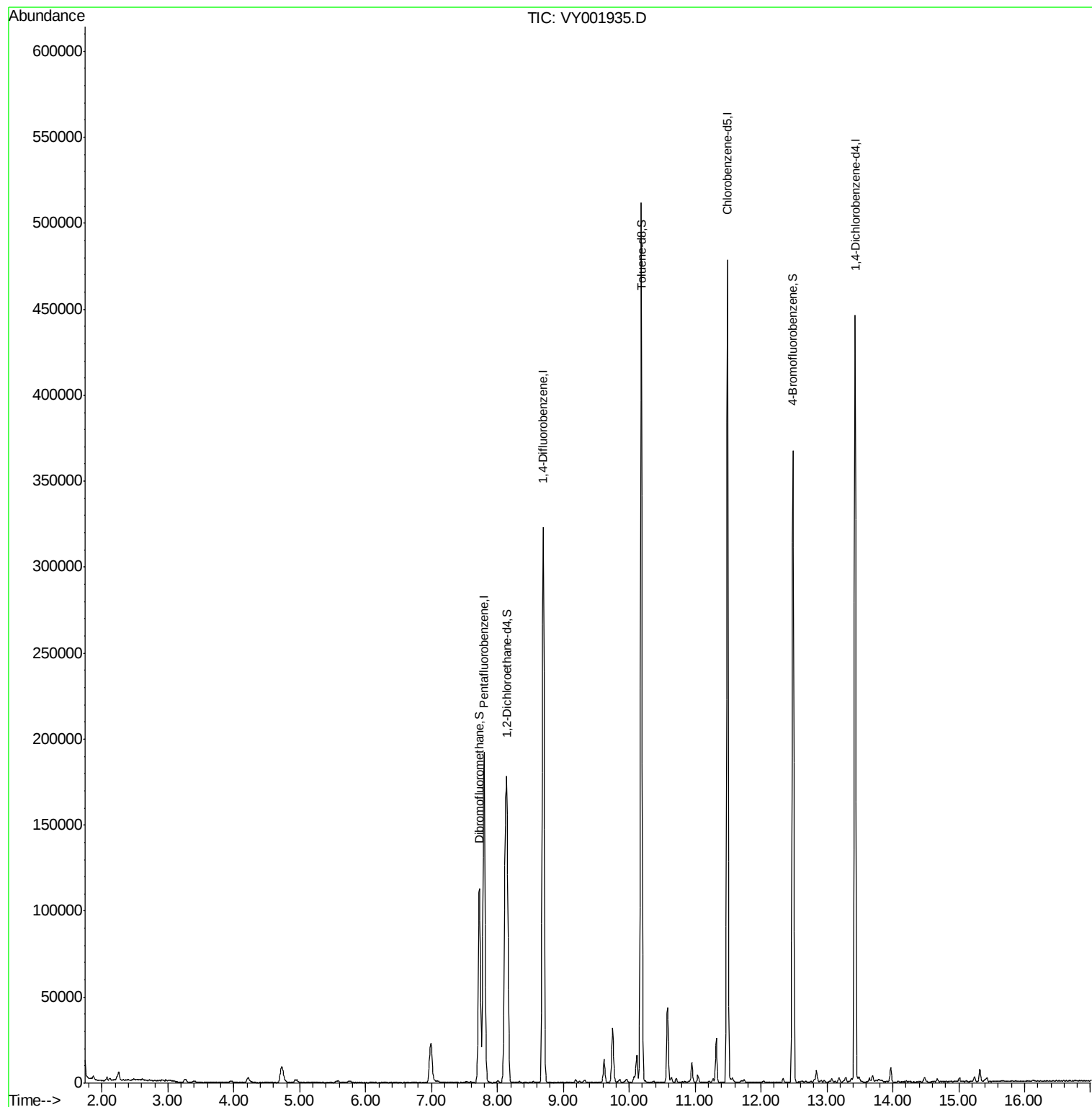
Target Compounds	Qvalue

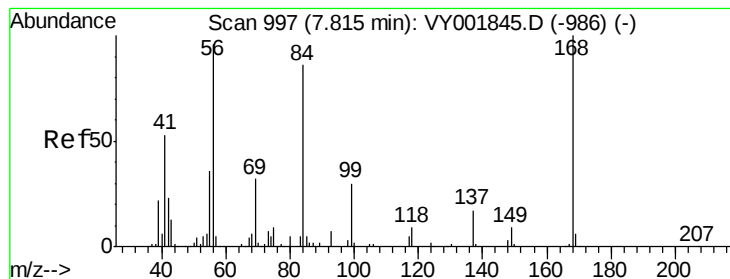
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001935.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

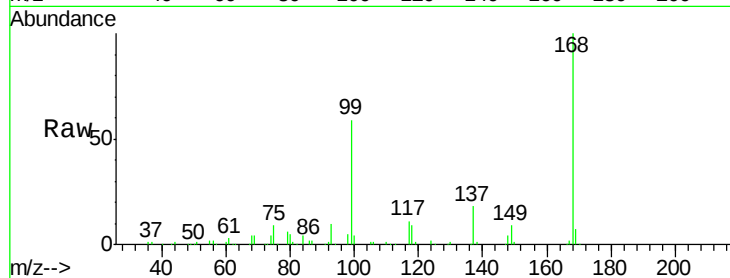
VY0311SBL01

Tot Ion:168 Resp: 143040

Ion Ratio Lower Upper

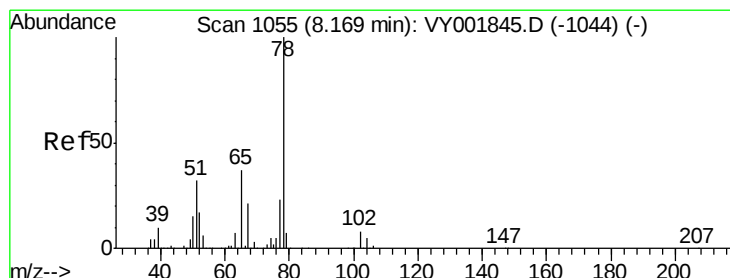
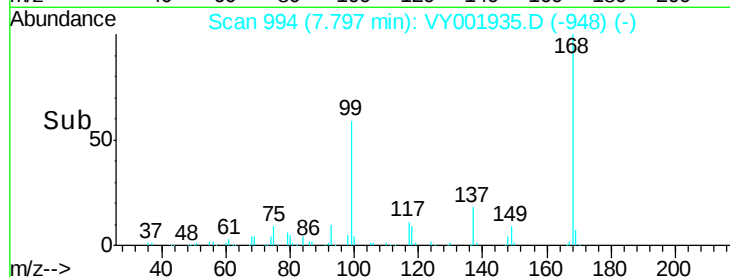
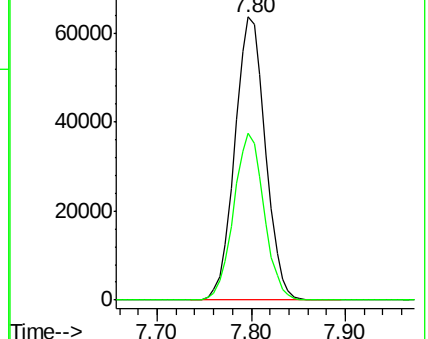
168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.295 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001935.D

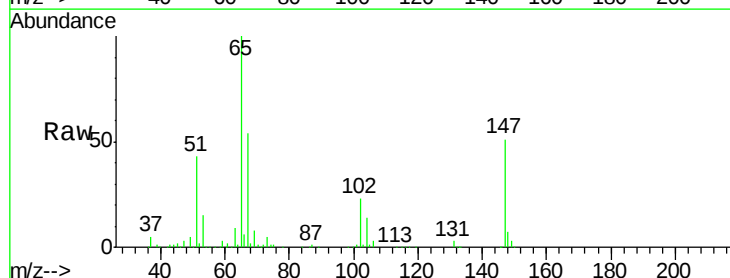
Acq: 11 Mar 2020 12:00

Tgt Ion: 65 Resp: 85965

Ion Ratio Lower Upper

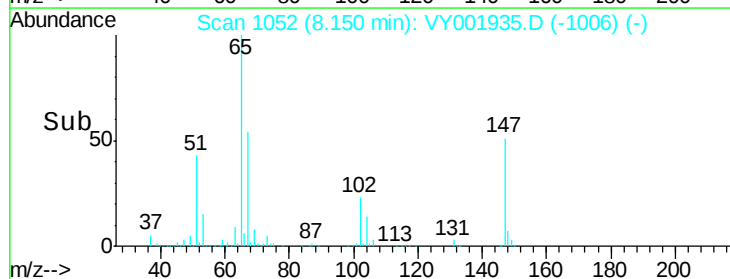
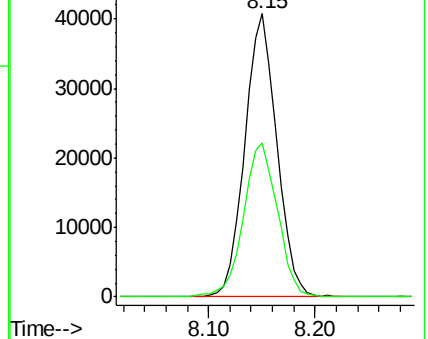
65 100

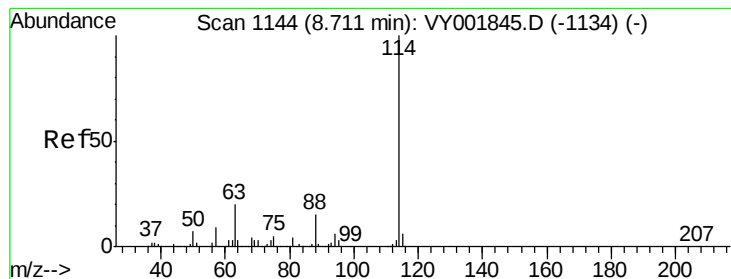
67 57.9 0.0 110.8



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: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001935.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBL01

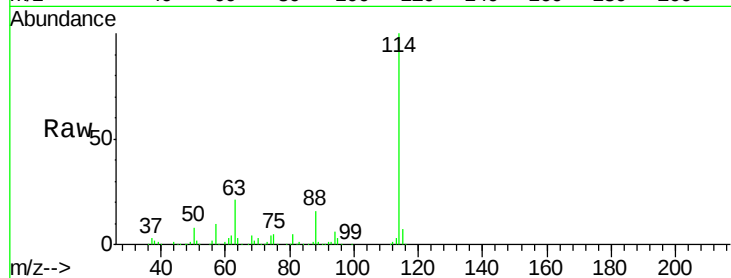
Tot Ion:114 Resp: 276417

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.4

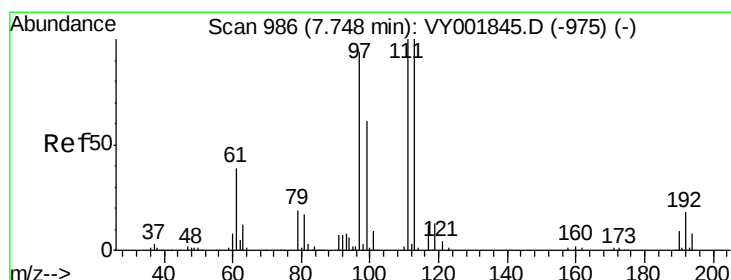
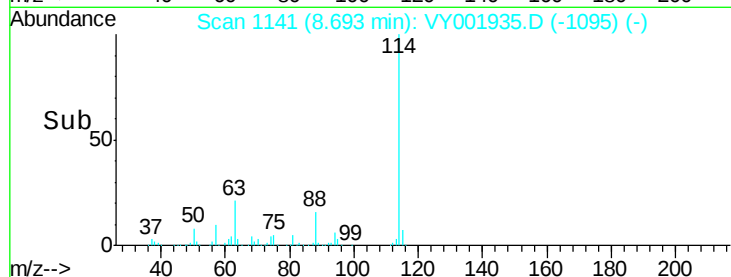
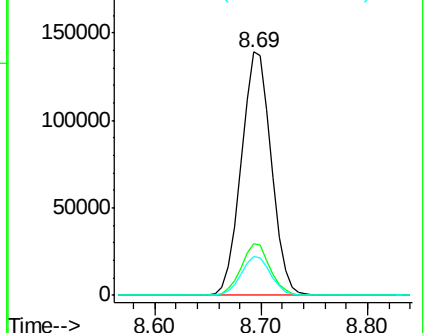
88 16.1 0.0 30.4



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: 53.672 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001935.D

Acq: 11 Mar 2020 12:00

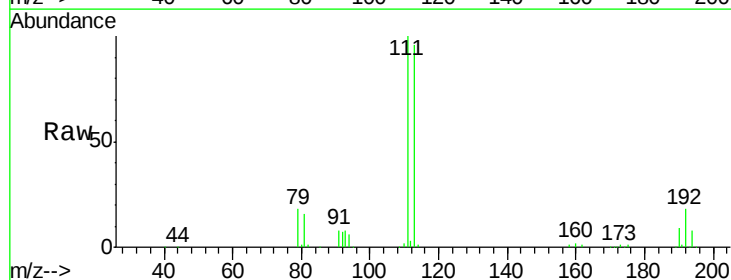
Tgt Ion:113 Resp: 81011

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

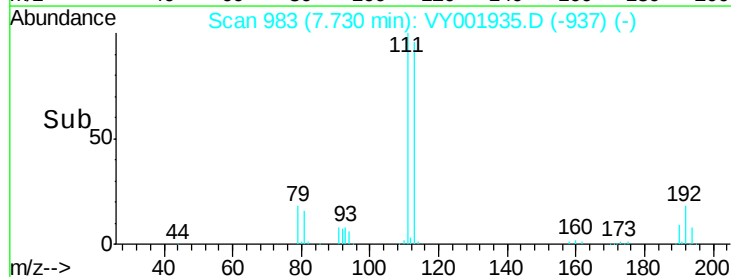
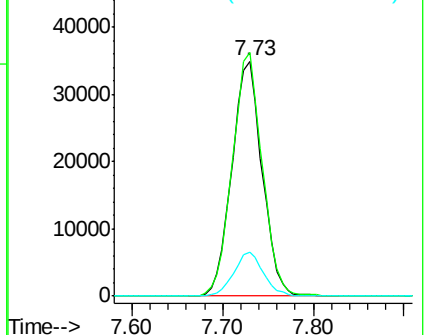
192 18.0 14.2 21.2

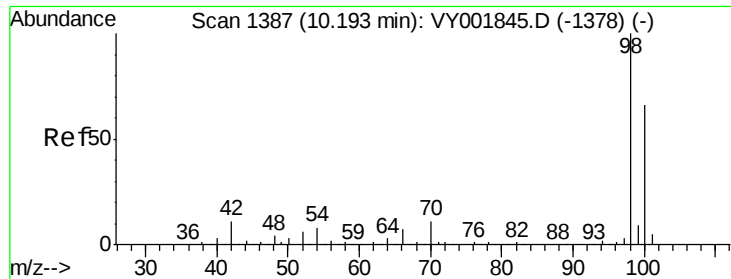


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.022 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001935.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

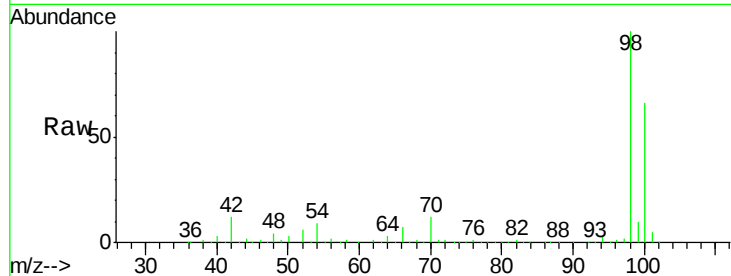
VY0311SBL01

Tot Ion: 98 Resp: 331107

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

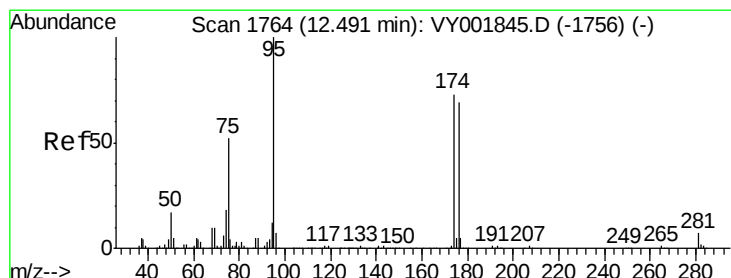
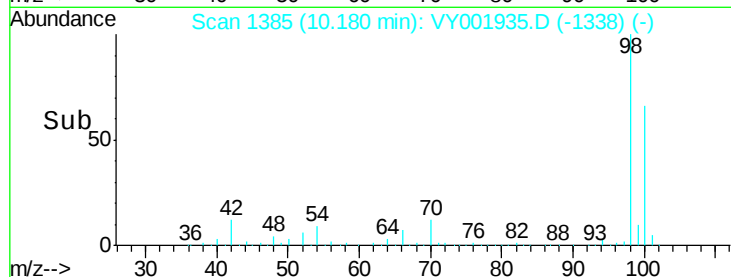
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.197 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001935.D

Acq: 11 Mar 2020 12:00

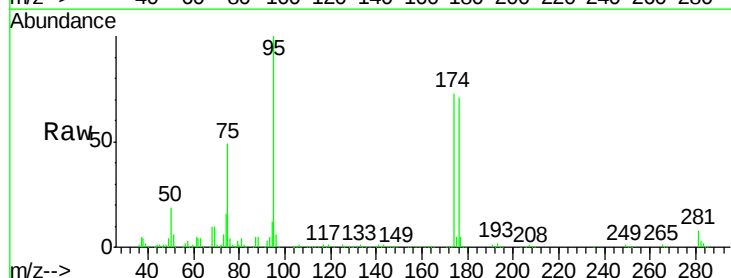
Tgt Ion: 95 Resp: 113304

Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.0

176 69.3 0.0 137.4



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

100000

80000

60000

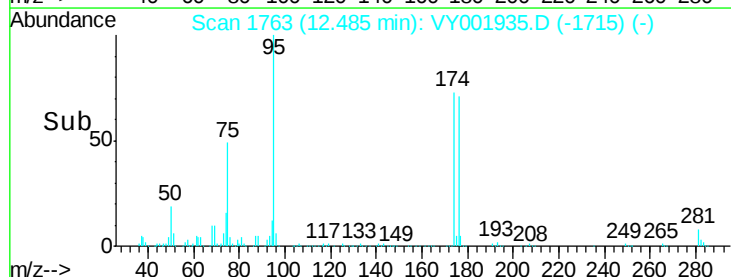
40000

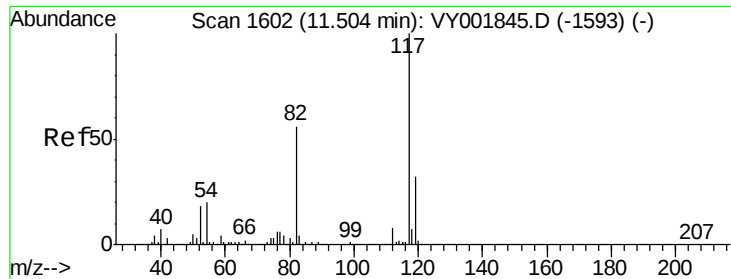
20000

0

12.40 12.45 12.50 12.55

Time-->

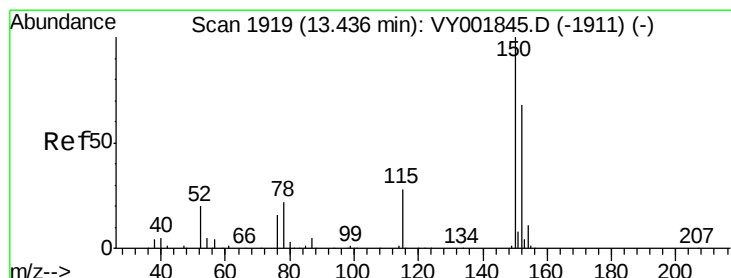
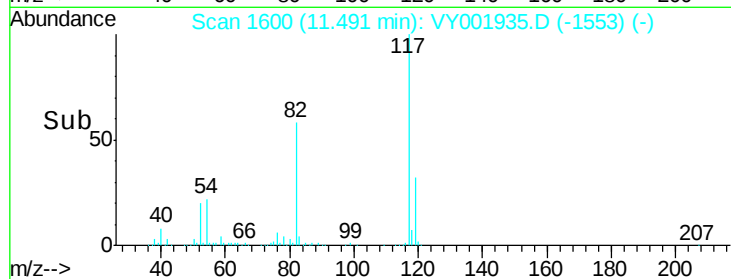
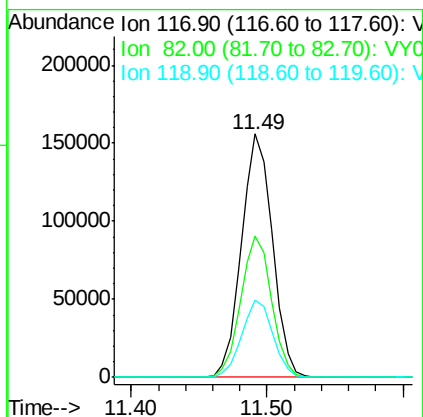
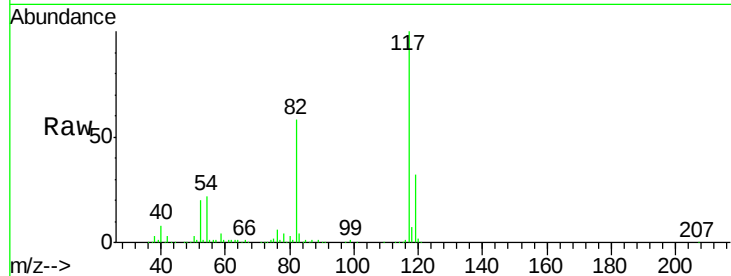




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001935.D
Acq: 11 Mar 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.5	66.7
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001935.D
Acq: 11 Mar 2020 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.9	89.7
150	158.2	0.0	340.6

