

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000902.D
 Acq On : 06 Dec 2019 15:24
 Operator : SY/MD
 Sample : K6176-04
 Misc : 5.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 48-SPRUCE

Quant Time: Dec 09 04:00:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	477473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161724	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	156378	56.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.88%	
35) Dibromofluoromethane	7.73	113	139279	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.18	98	566470	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.48	95	170861	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	

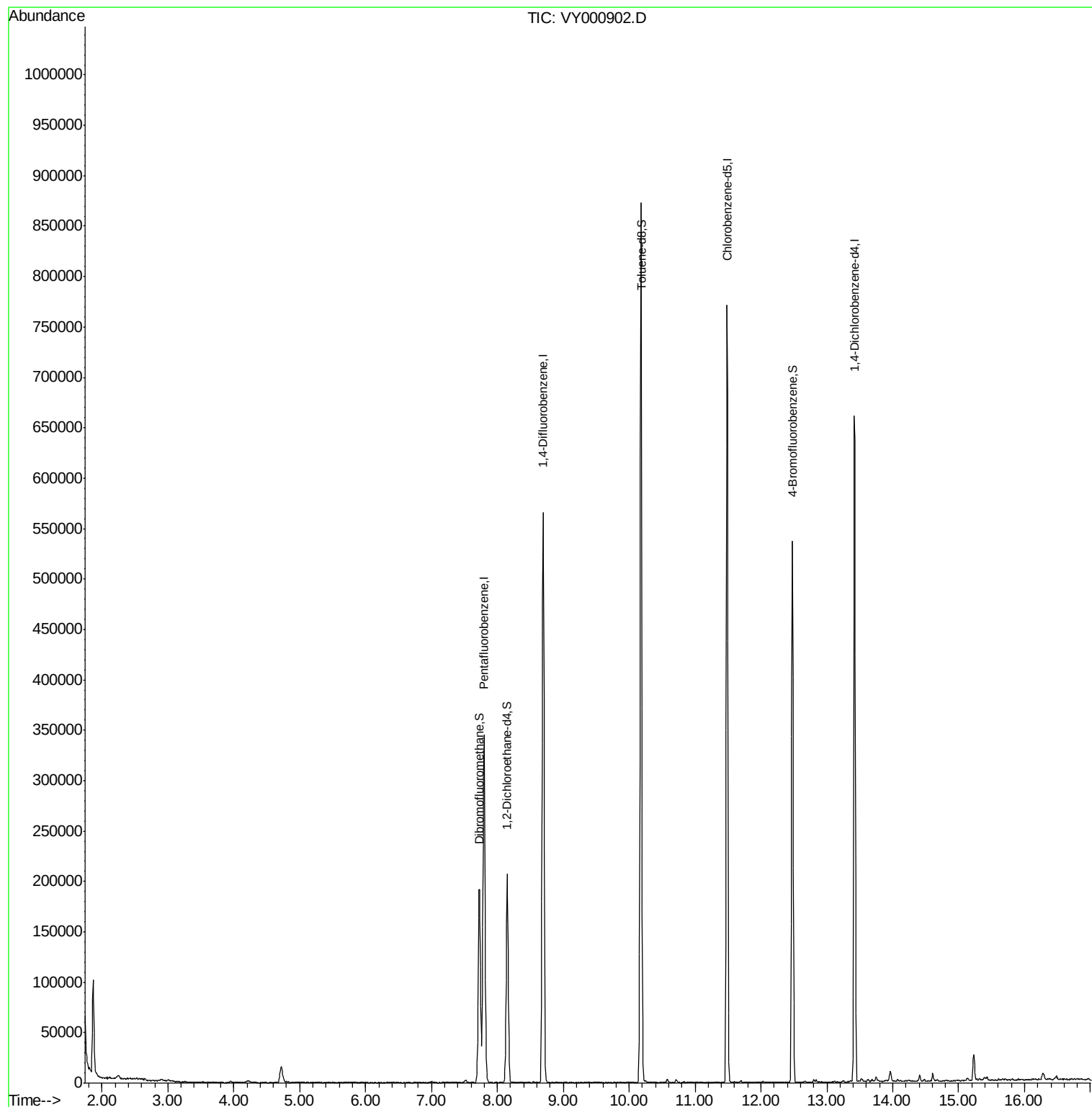
Target Compounds	Qvalue

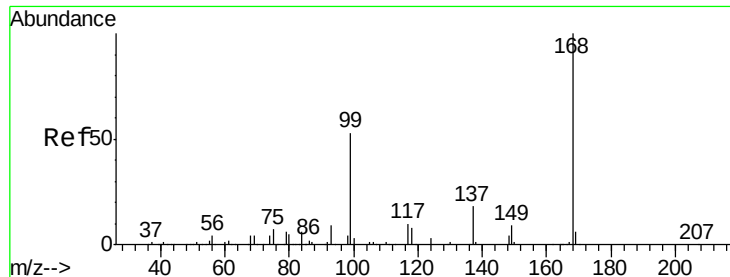
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

ClientSampleId :

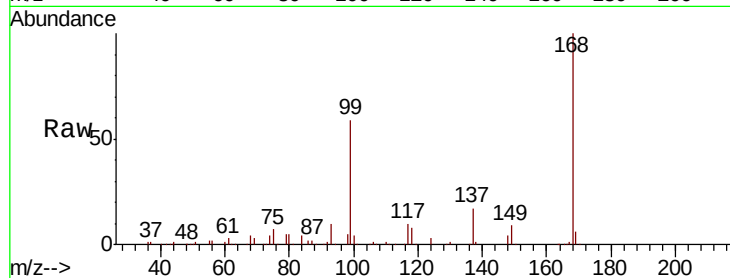
48-SPRUCE

Tot Ion:168 Resp: 260749

Ion Ratio Lower Upper

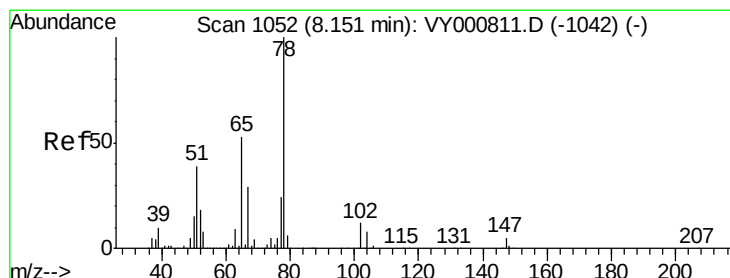
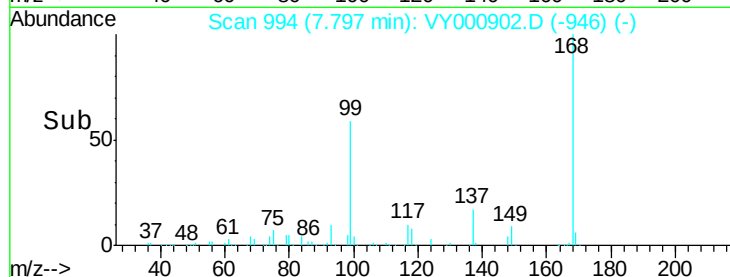
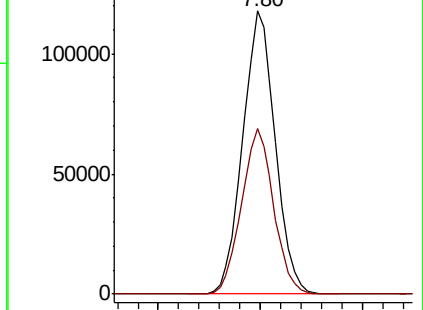
168 100

99 58.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000902.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000902.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.440 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000902.D

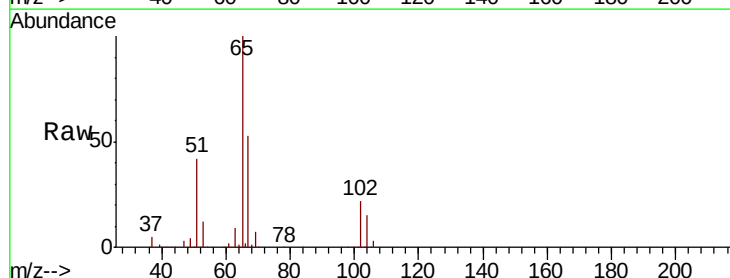
Acq: 06 Dec 2019 15:24

Tgt Ion: 65 Resp: 156378

Ion Ratio Lower Upper

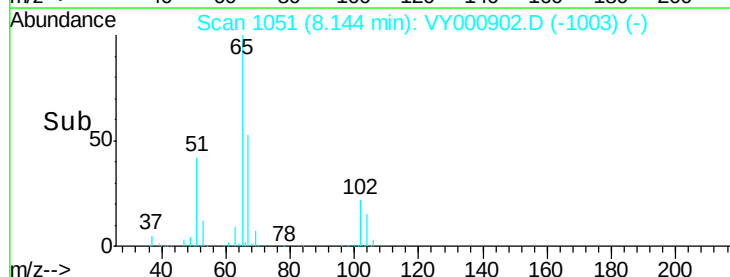
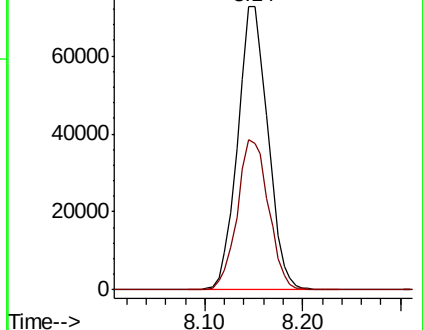
65 100

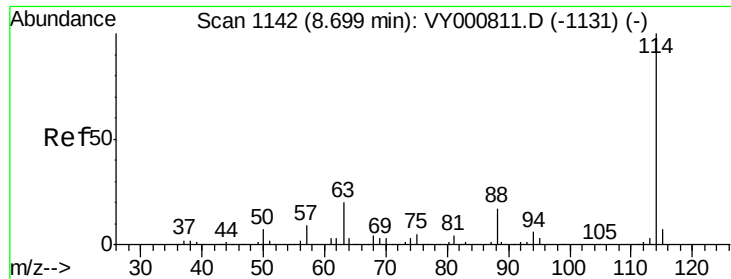
67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000902.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000902.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

ClientSampleId :

48-SPRUCE

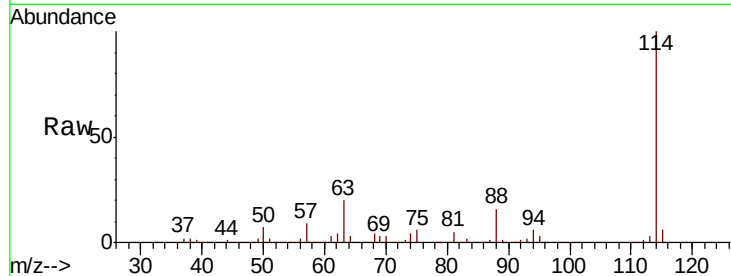
Tot Ion:114 Resp: 477473

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

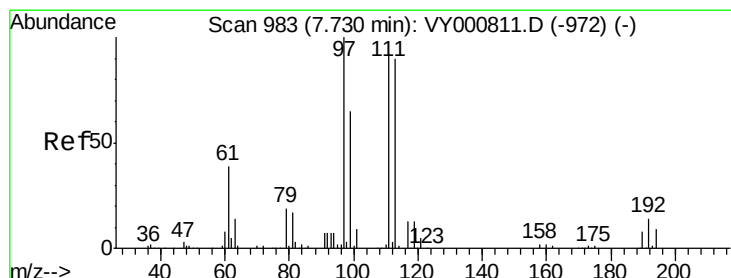
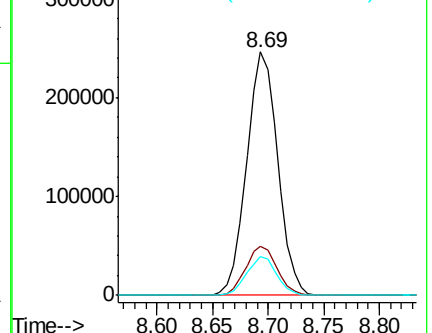
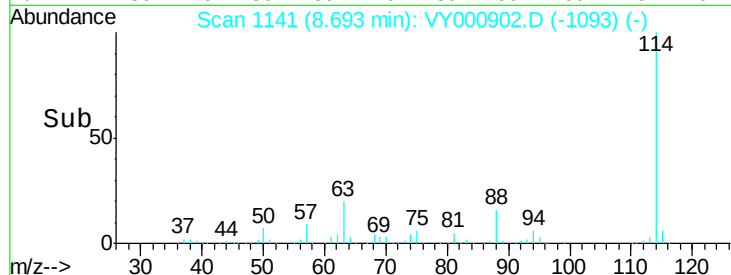
88 15.8 0.0 33.2



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: 50.052 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

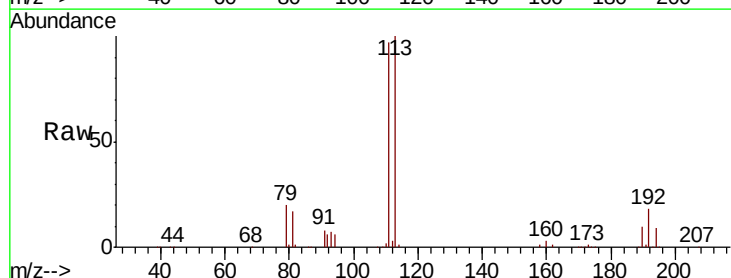
Tgt Ion:113 Resp: 139279

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

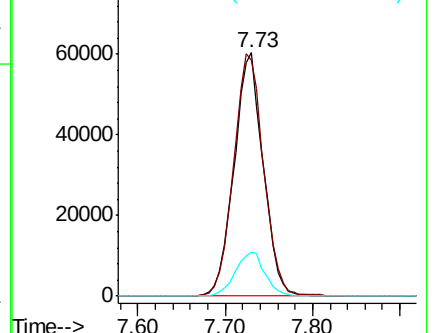
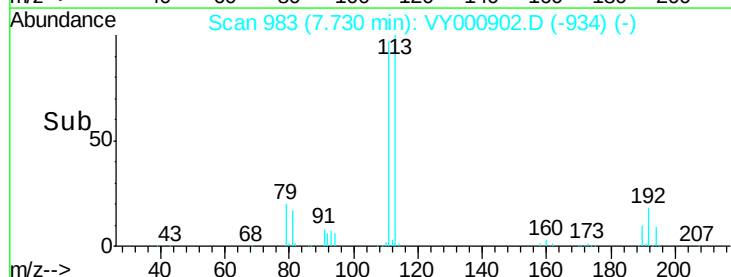
192 18.2 14.2 21.2

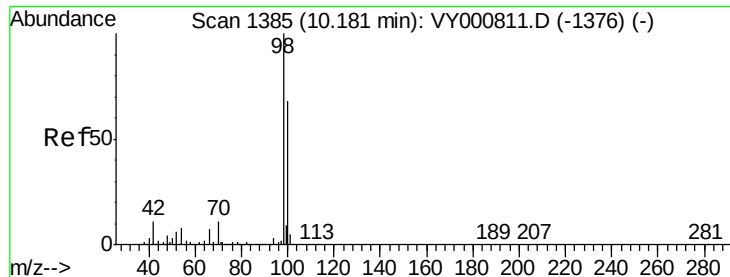


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.918 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

ClientSampleId :

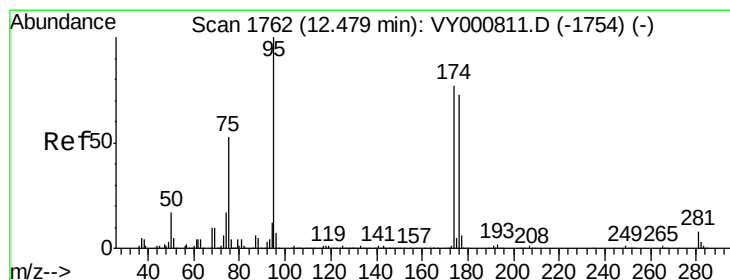
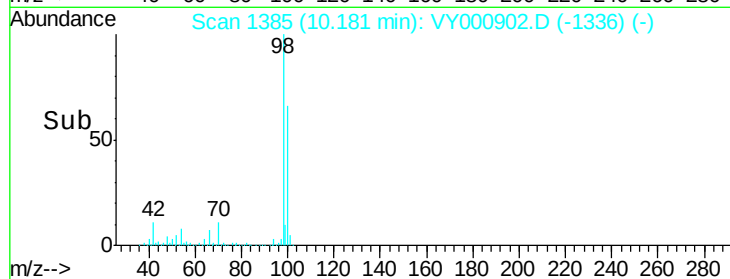
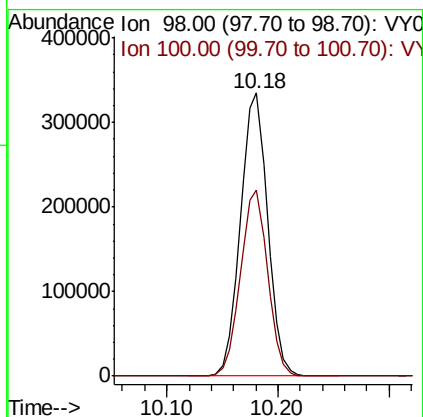
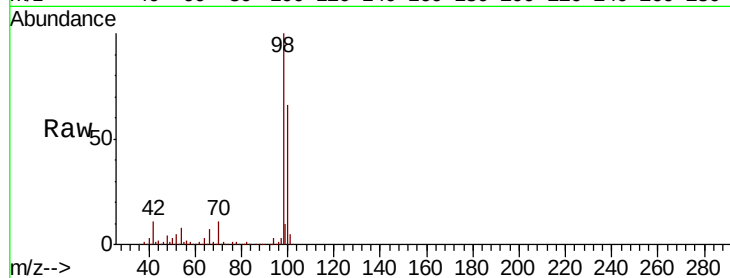
48-SPRUCE

Tot Ion: 98 Resp: 566470

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.895 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

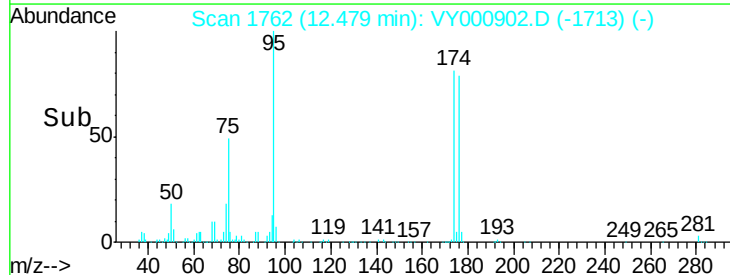
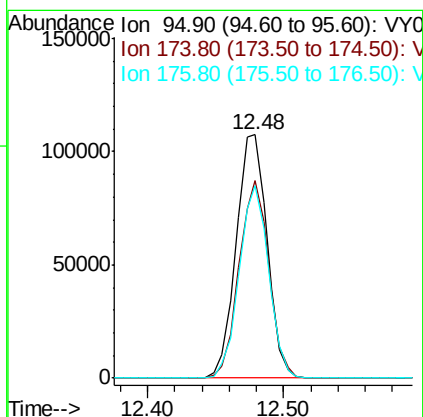
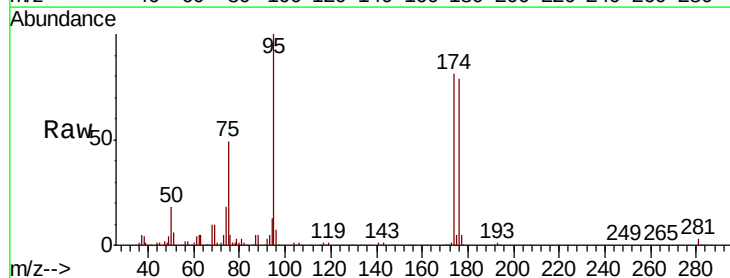
Tgt Ion: 95 Resp: 170861

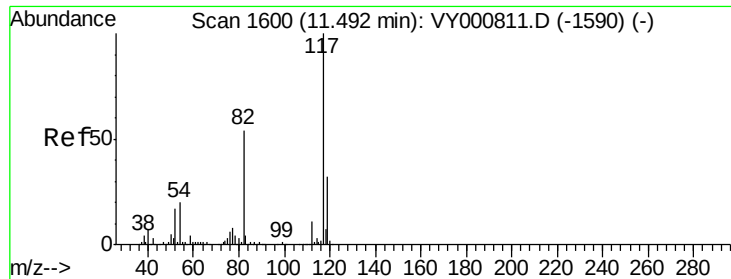
Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.6

176 75.1 0.0 145.2

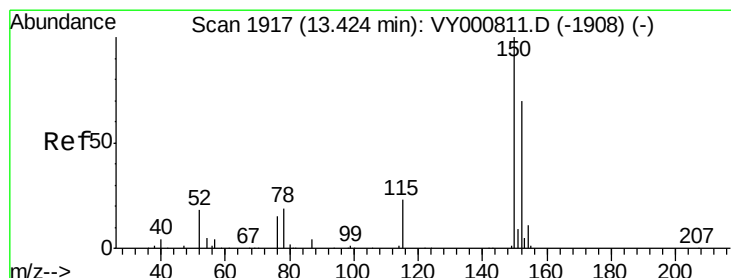
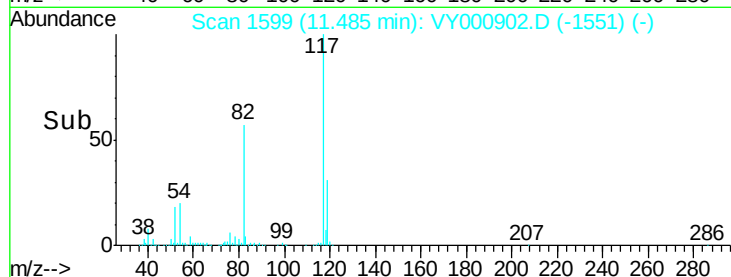
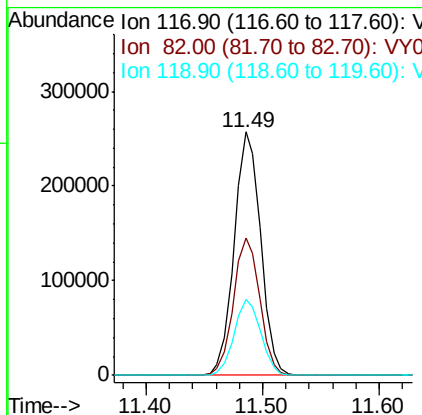
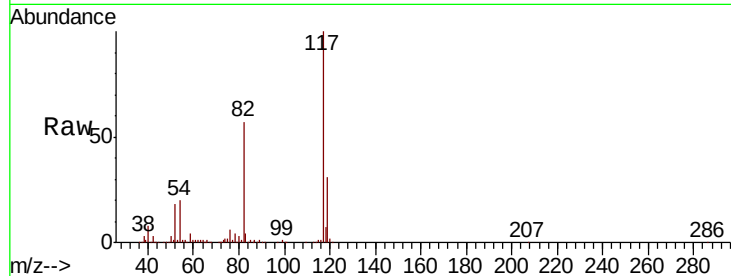




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

Instrument :
MSVOA_Y
ClientSampleId :
48-SPRUCE

Tot Ion:117 Resp: 407145
Ion Ratio Lower Upper
117 100
82 56.6 43.1 64.7
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

Tgt Ion:152 Resp: 161724
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.8
150 156.4 0.0 351.2

