

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000988.D
 Acq On : 17 Dec 2019 18:47
 Operator : SY/MD
 Sample : K6357-18
 Misc : 5.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-M

Quant Time: Dec 19 07:19:36 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

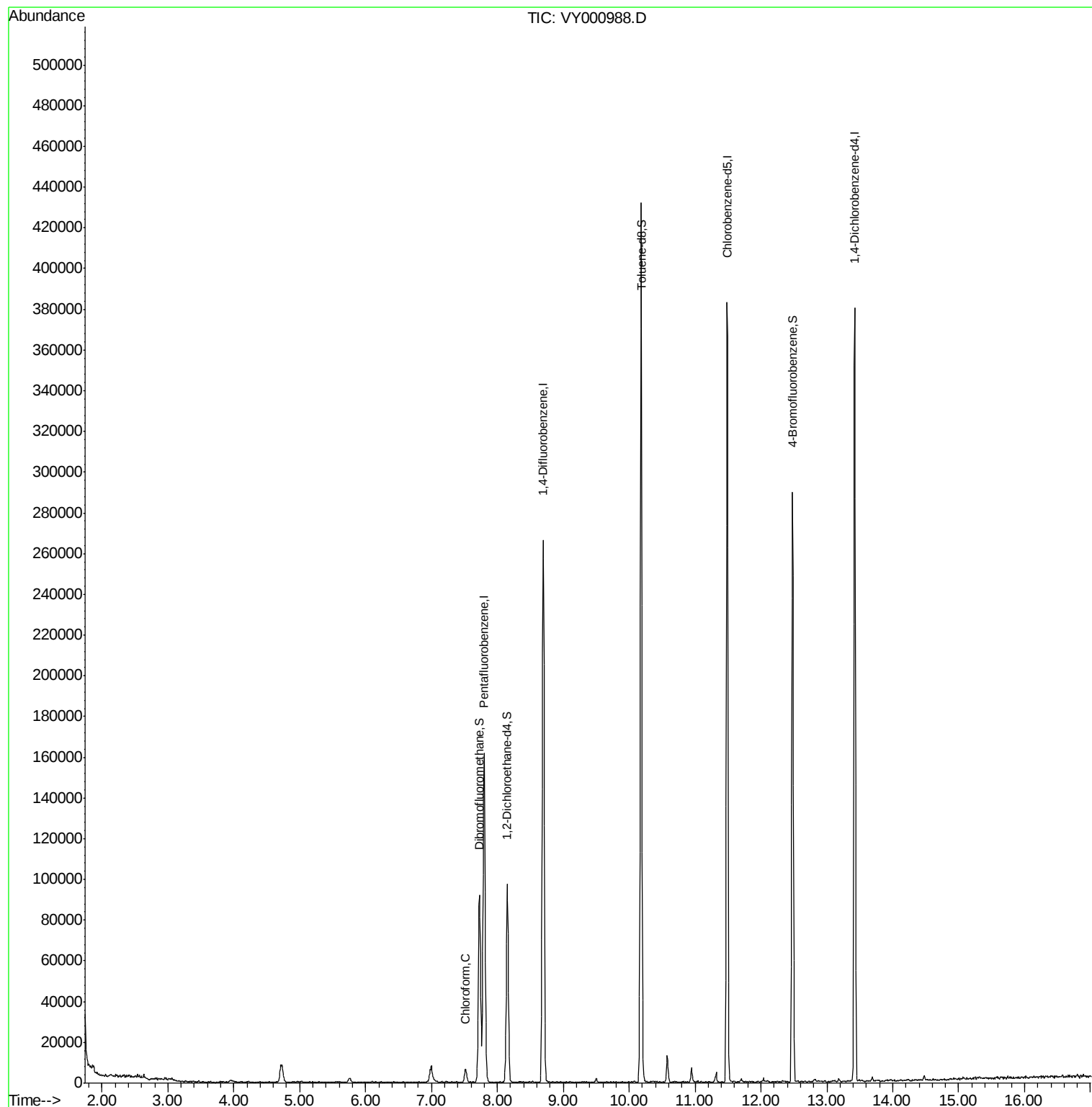
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	228762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	203918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	92443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	71737	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.73	113	66896	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.18	98	277034	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.48	95	86477	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
30) Chloroform	7.51	83	6405	2.371	ug/l	Qvalue 92

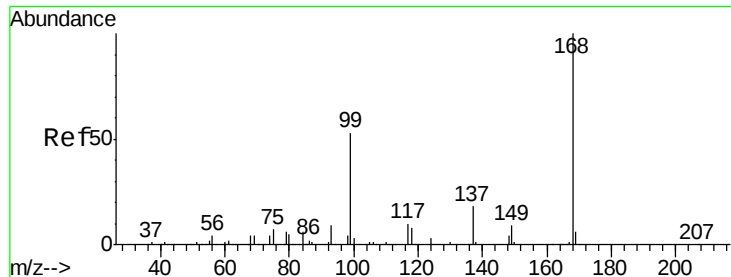
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000988.D

Acq: 17 Dec 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

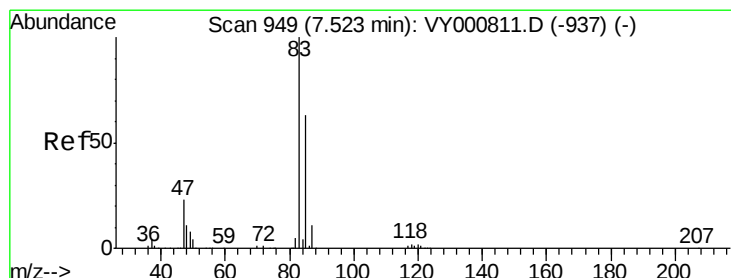
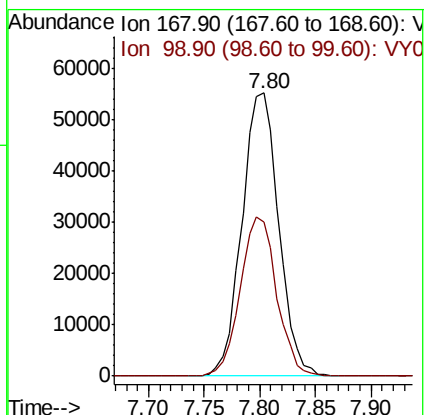
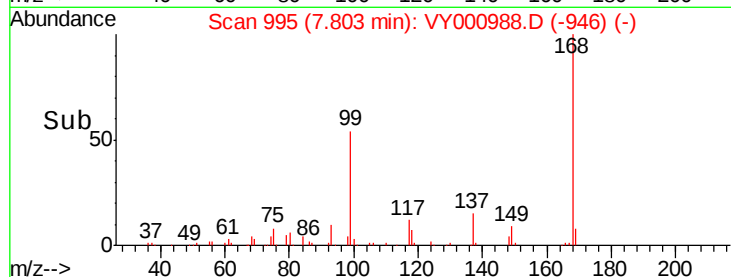
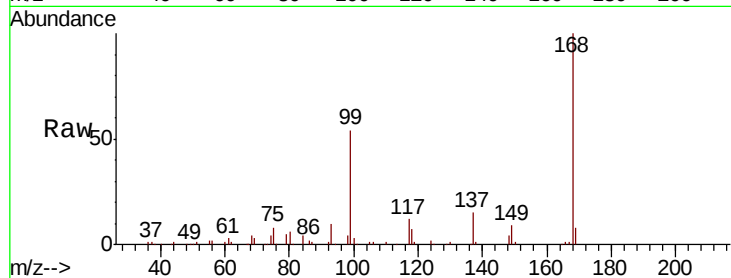
PF-M

Tot Ion:168 Resp: 126469

Ion Ratio Lower Upper

168 100

99 54.2 45.0 67.6



#30

Chloroform

Concen: 2.371 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000988.D

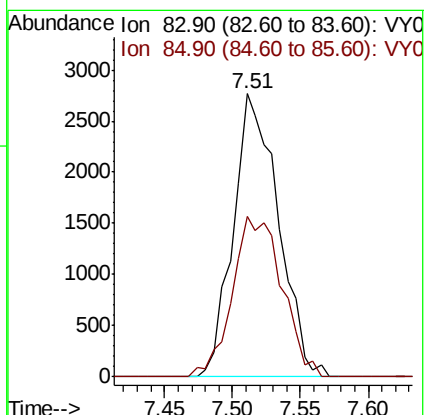
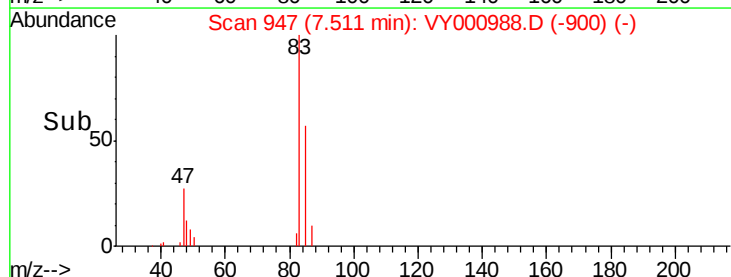
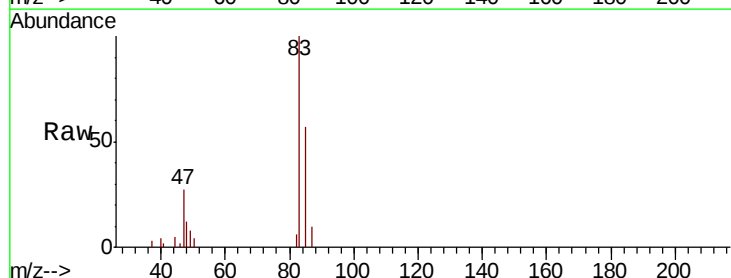
Acq: 17 Dec 2019 18:47

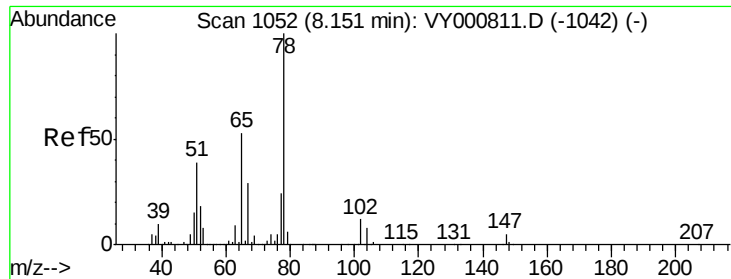
Tgt Ion: 83 Resp: 6405

Ion Ratio Lower Upper

83 100

85 56.8 50.4 75.6

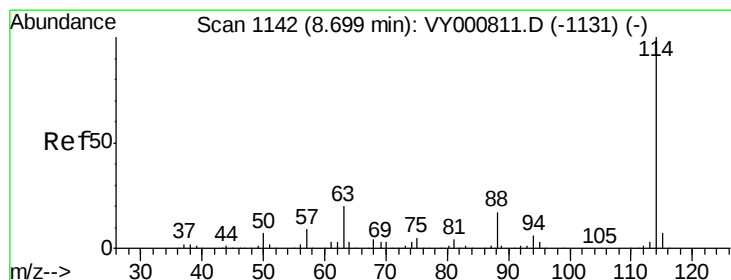
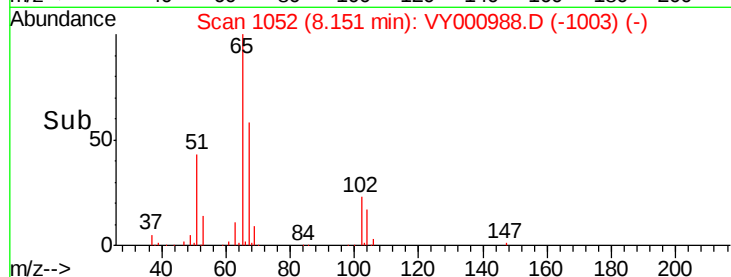
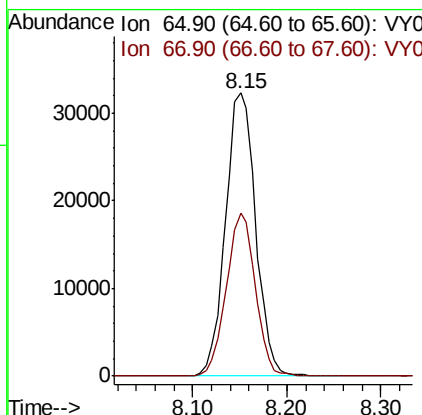
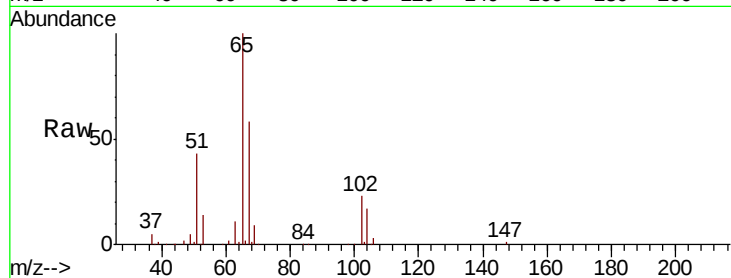




#33
 1,2-Dichloroethane-d4
 Concen: 53.382 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000988.D
 Acq: 17 Dec 2019 18:47

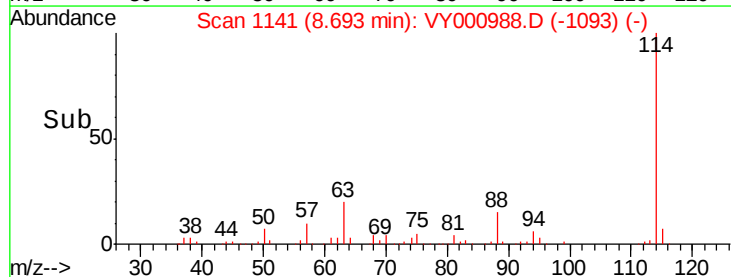
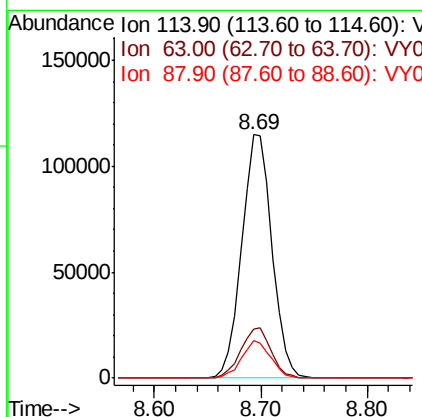
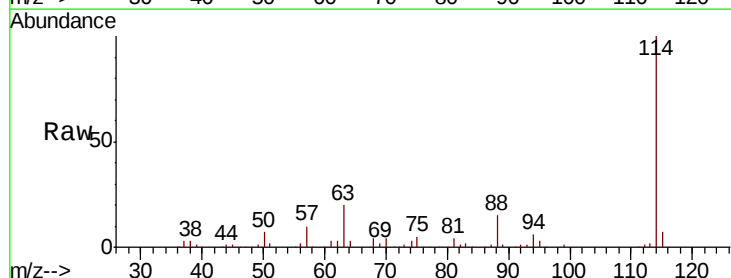
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-M

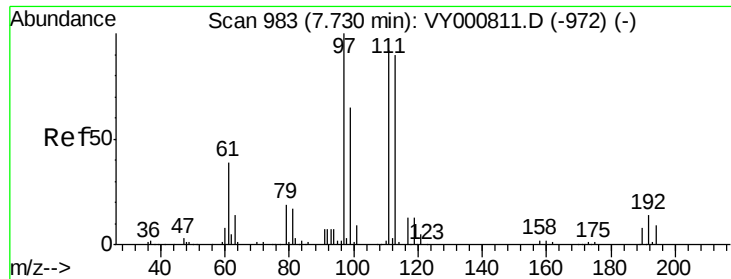
Tot Ion: 65 Resp: 71737
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000988.D
 Acq: 17 Dec 2019 18:47

Tgt Ion: 114 Resp: 228762
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.176 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000988.D

Acq: 17 Dec 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

PF-M

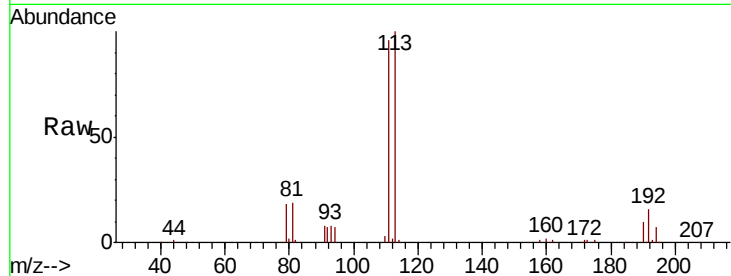
Tot Ion:113 Resp: 66896

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

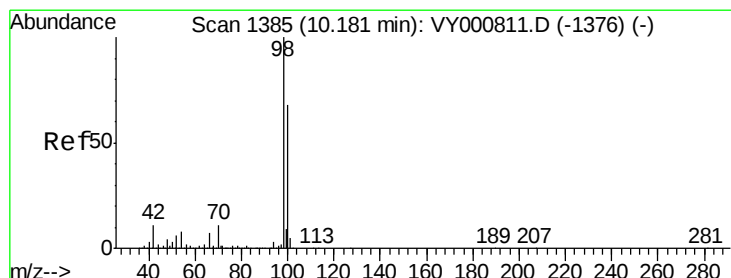
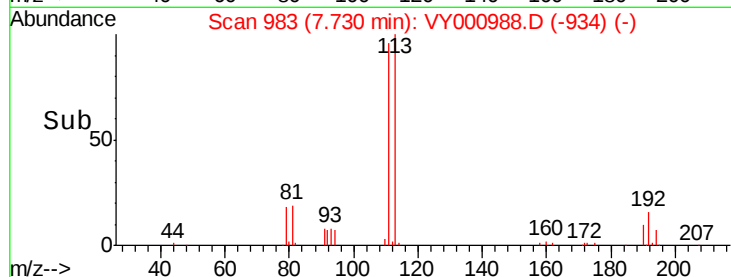
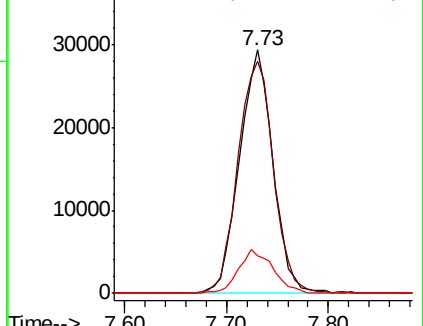
192 18.7 14.2 21.2



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: 51.975 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000988.D

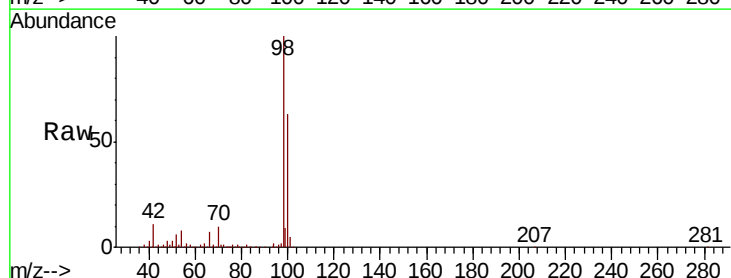
Acq: 17 Dec 2019 18:47

Tgt Ion: 98 Resp: 277034

Ion Ratio Lower Upper

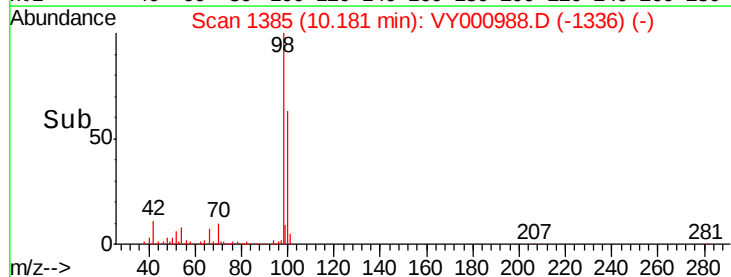
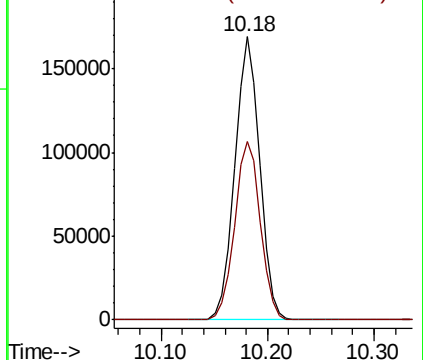
98 100

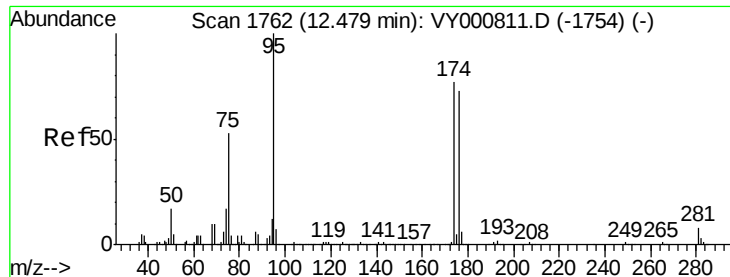
100 64.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

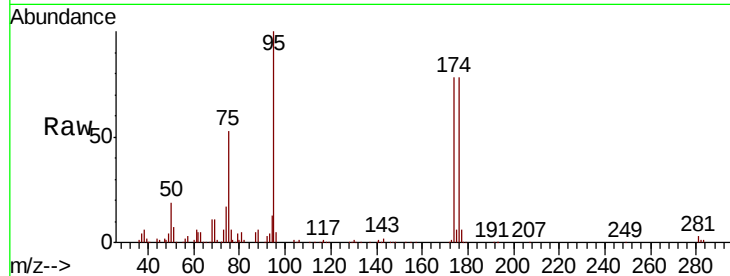




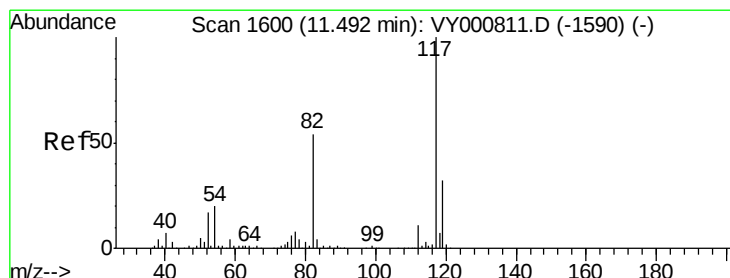
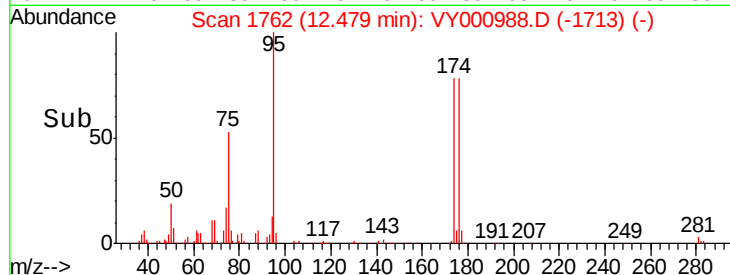
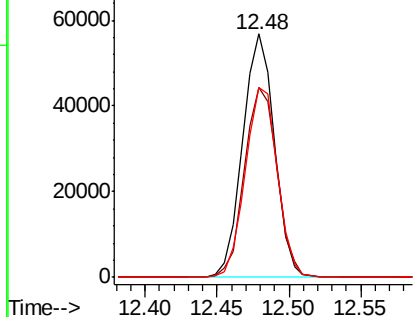
#62
4-Bromofluorobenzene
Concen: 43.201 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000988.D
Acq: 17 Dec 2019 18:47

Instrument :
MSVOA_Y
ClientSampled :
PF-M

Tot Ion	95	Resp	86477
Ion Ratio	Lower	Upper	
95	100		
174	80.1	0.0	150.6
176	79.1	0.0	145.2

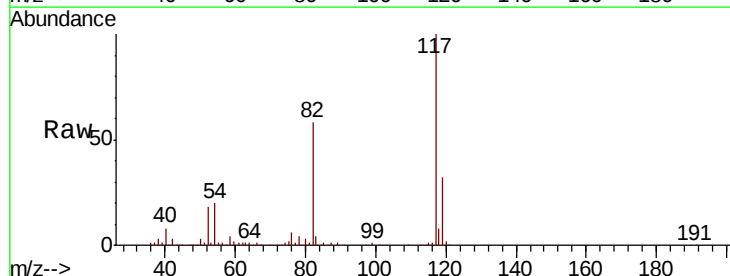


Abundance Ion 94.90 (94.60 to 95.60): VY000988.D (-1754) (-)
Ion 173.80 (173.50 to 174.50): VY000988.D (-1754) (-)
Ion 175.80 (175.50 to 176.50): VY000988.D (-1754) (-)

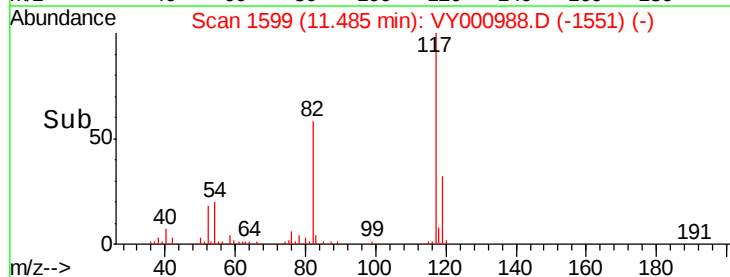
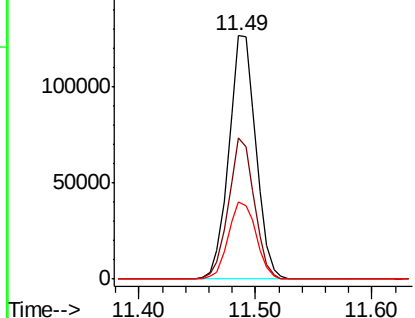


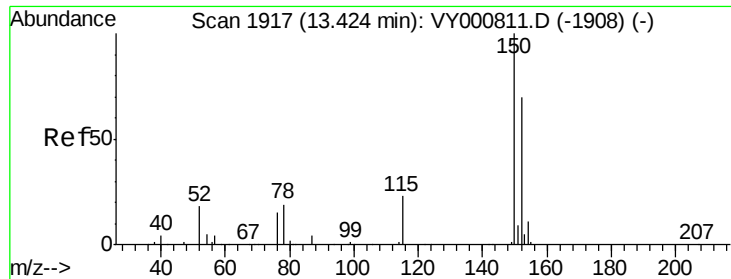
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000988.D
Acq: 17 Dec 2019 18:47

Tgt Ion	117	Resp	203918
Ion Ratio	Lower	Upper	
117	100		
82	58.1	43.1	64.7
119	31.9	25.3	37.9



Abundance Ion 116.90 (116.60 to 117.60): VY000988.D (-1551) (-)
Ion 82.00 (81.70 to 82.70): VY000988.D (-1551) (-)
Ion 118.90 (118.60 to 119.60): VY000988.D (-1551) (-)



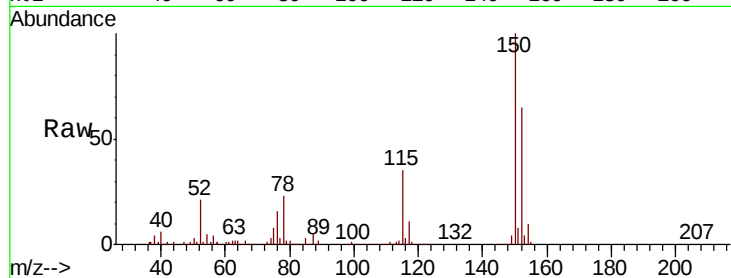


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000988.D
Acq: 17 Dec 2019 18:47

Instrument :
MSVOA_Y
ClientSampleId :
PF-M

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.3	87.8
150	157.3	0.0	351.2



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

