

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000987.D
 Acq On : 17 Dec 2019 18:25
 Operator : SY/MD
 Sample : K6357-17
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-L

Quant Time: Dec 19 07:17:36 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

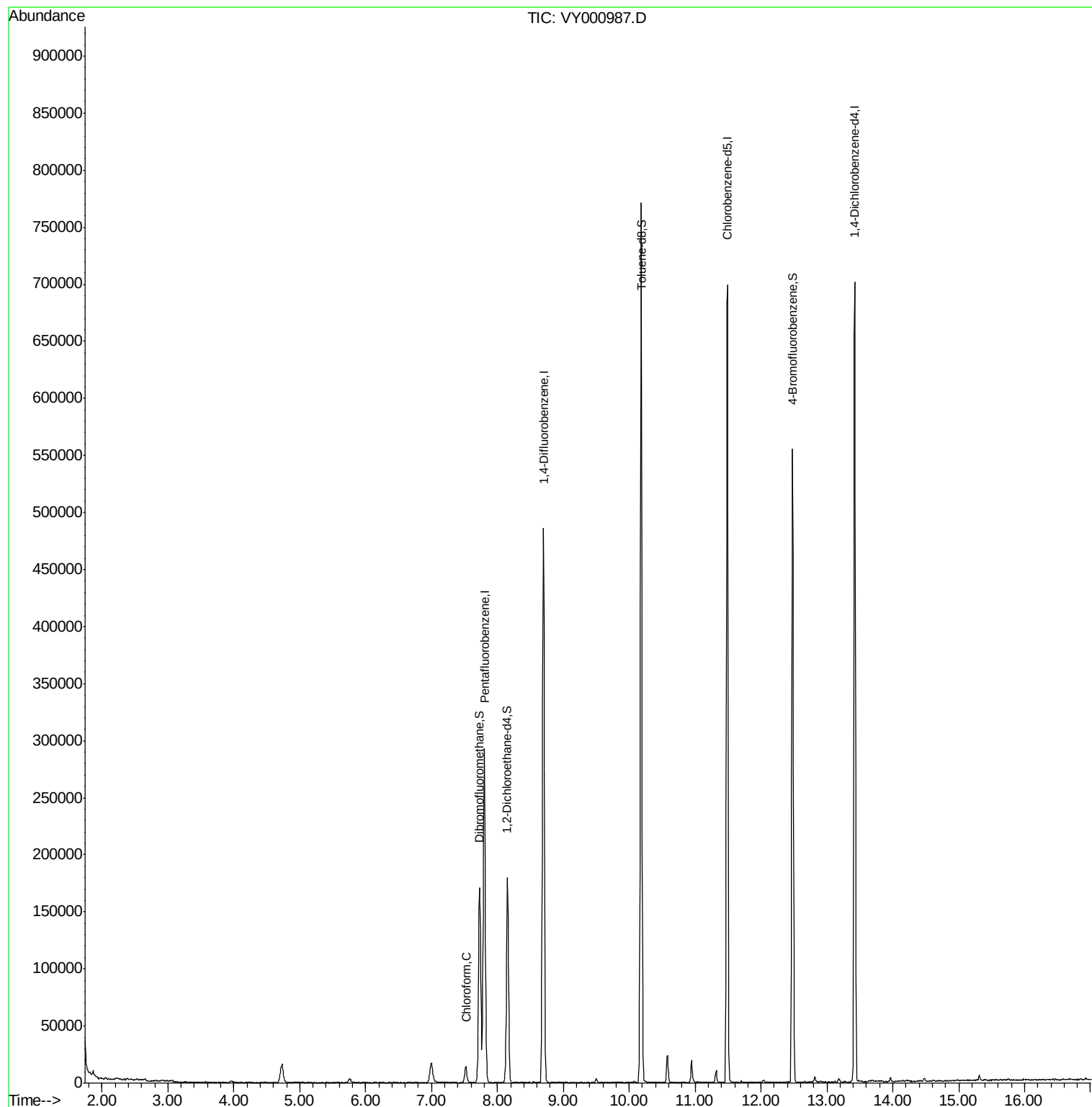
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	219988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130982	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	7.73	113	121753	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.18	98	489575	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.48	95	167173	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
30) Chloroform	7.52	83	13422	2.856	ug/l	Qvalue 93

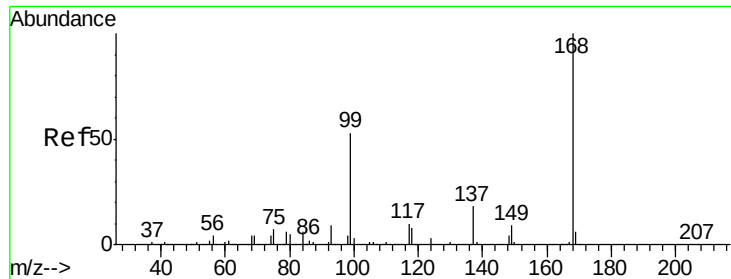
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000987.D

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Instrument :

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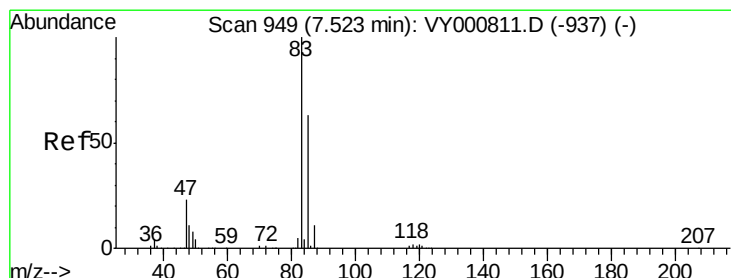
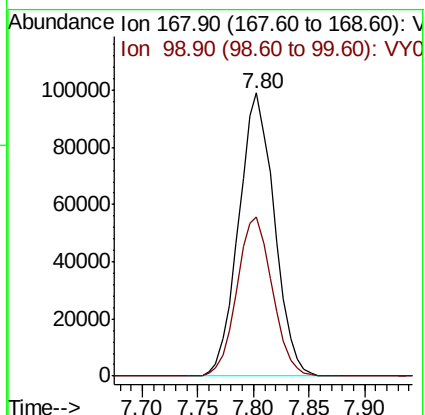
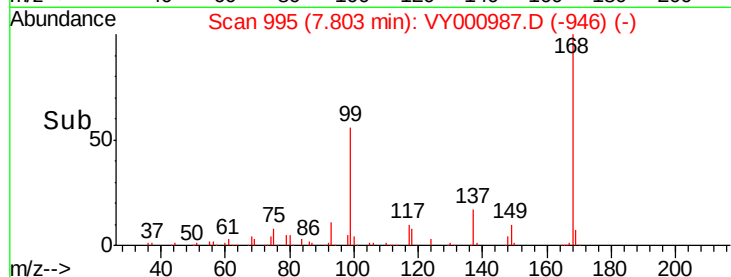
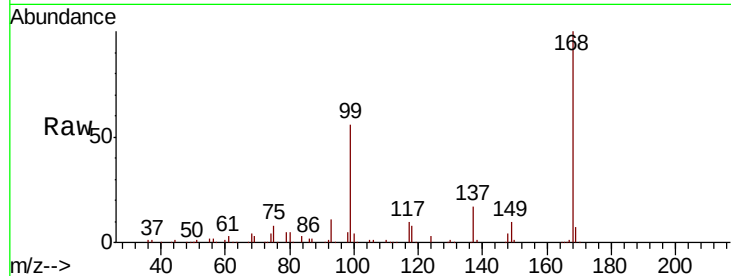
PF-L

Tot Ion:168 Resp: 219988

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



#30

Chloroform

Concen: 2.856 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY000987.D

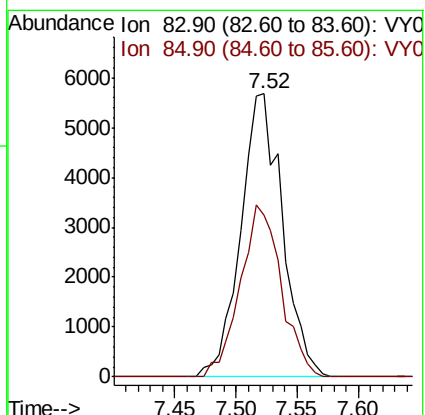
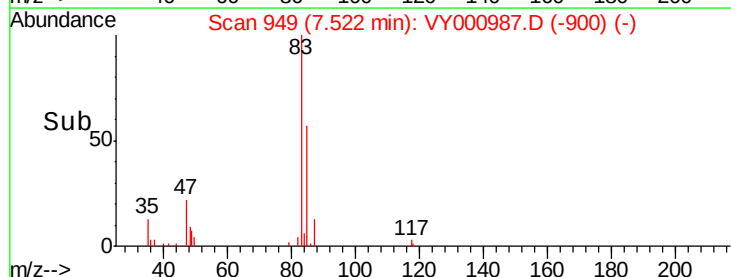
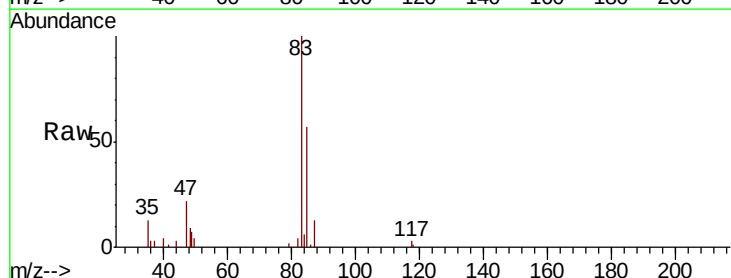
Acq: 17 Dec 2019 18:25

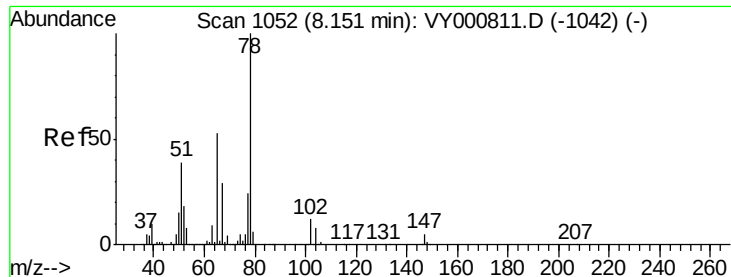
Tgt Ion: 83 Resp: 13422

Ion Ratio Lower Upper

83 100

85 57.2 50.4 75.6

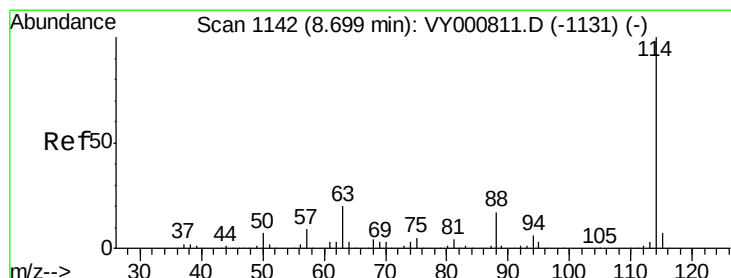
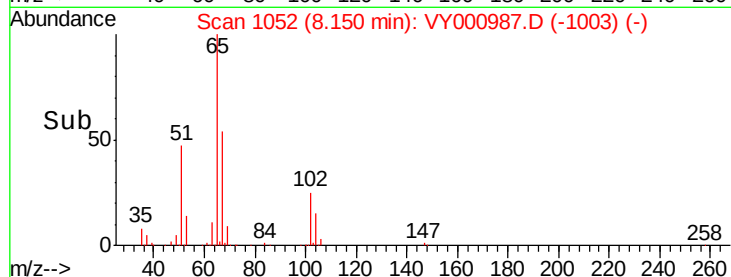
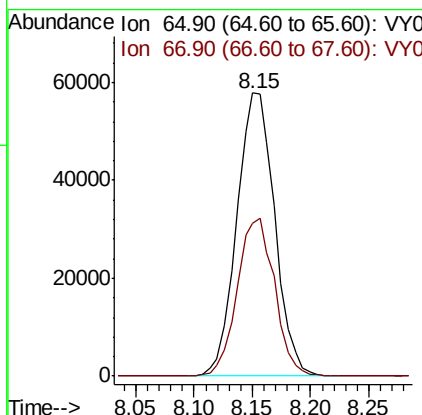
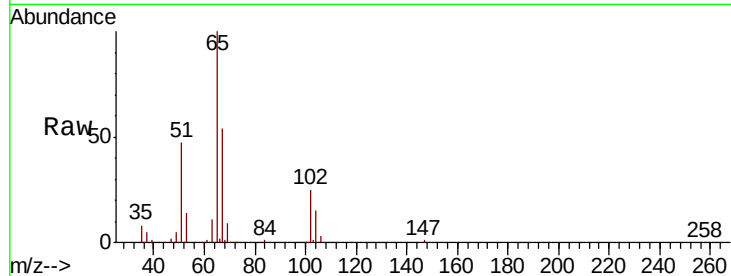




#33
 1,2-Dichloroethane-d4
 Concen: 56.034 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

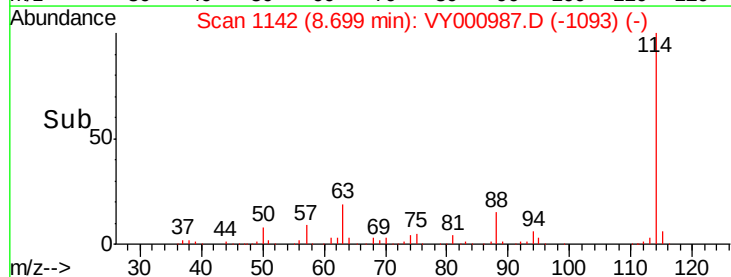
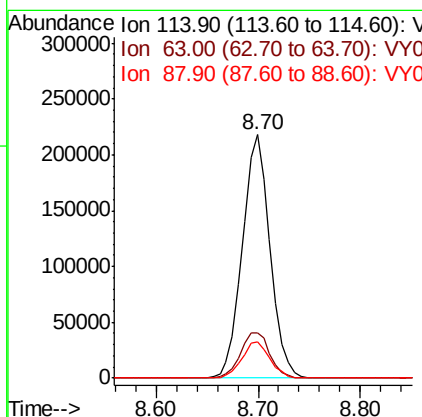
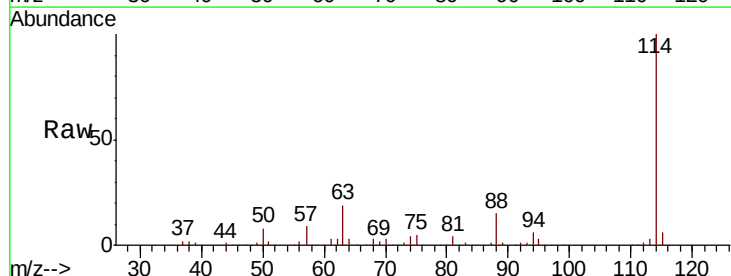
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-L

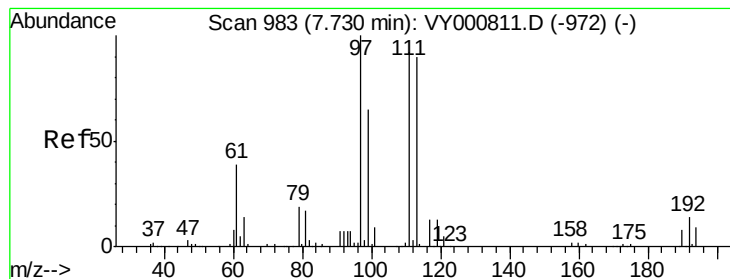
Tot Ion: 65 Resp: 130982
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Tgt Ion: 114 Resp: 409400
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.8
 88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.028 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

PF-L

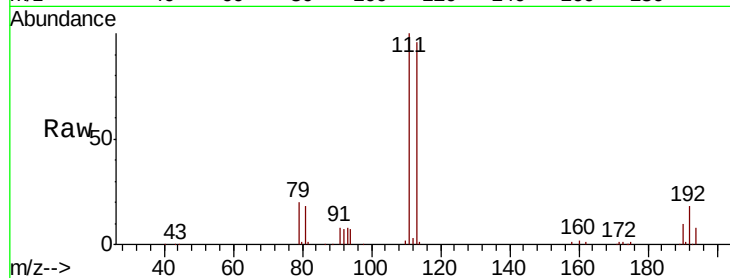
Tot Ion:113 Resp: 121753

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

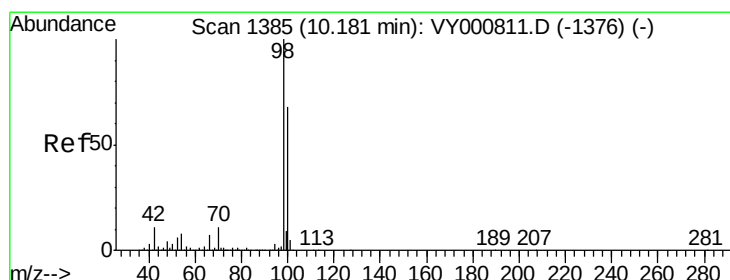
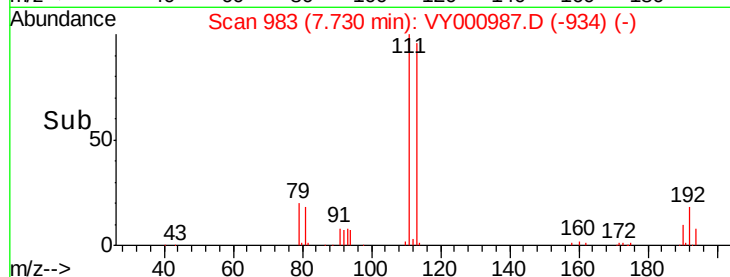
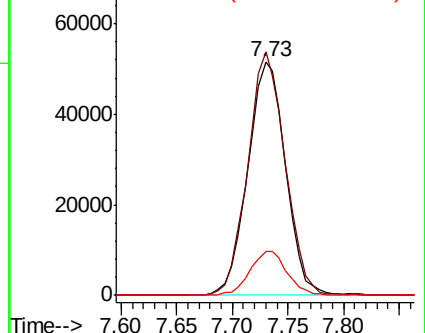
192 18.6 14.2 21.2



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: 51.323 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000987.D

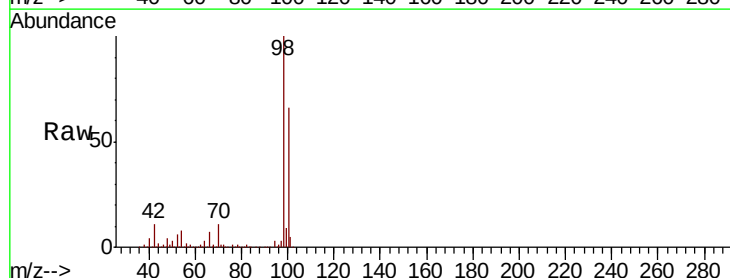
Acq: 17 Dec 2019 18:25

Tgt Ion: 98 Resp: 489575

Ion Ratio Lower Upper

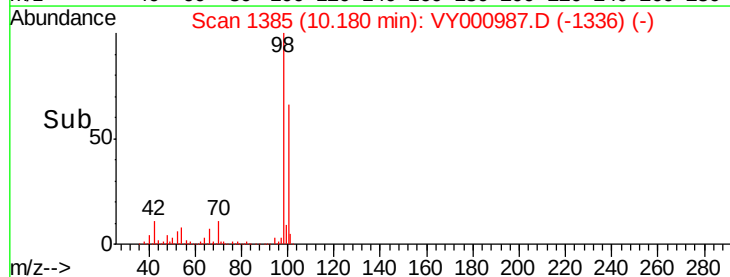
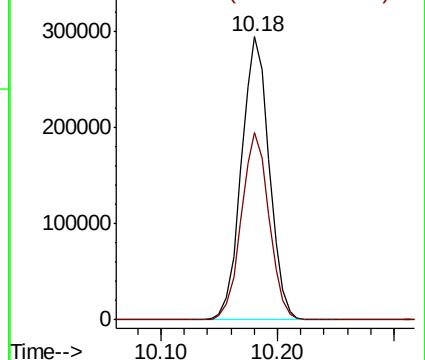
98 100

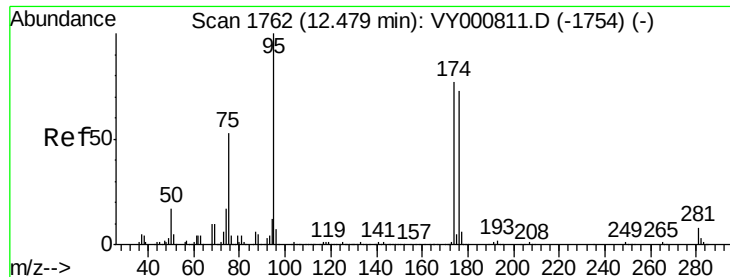
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

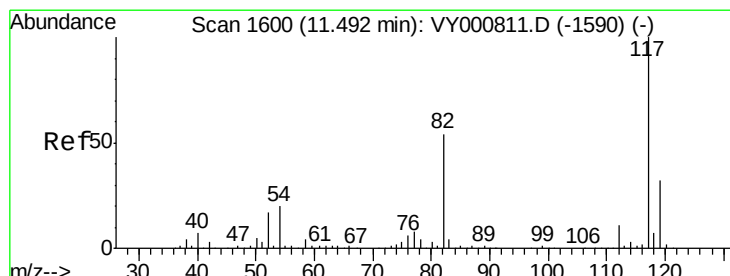
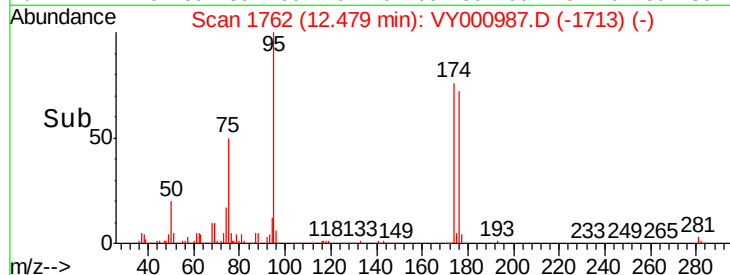
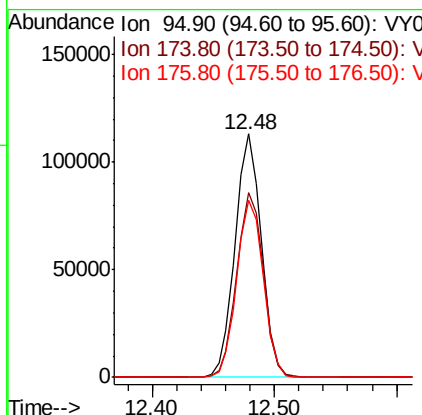
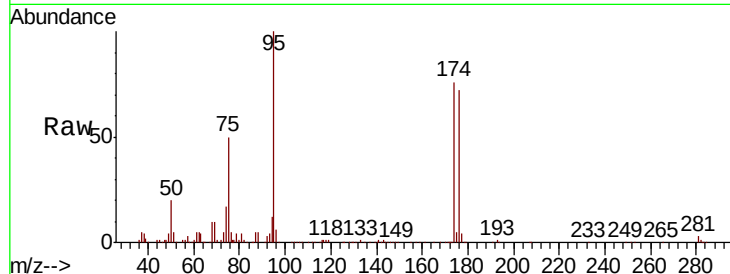




#62
4-Bromofluorobenzene
Concen: 46.665 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

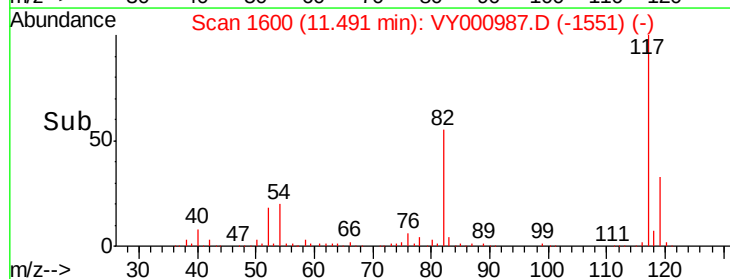
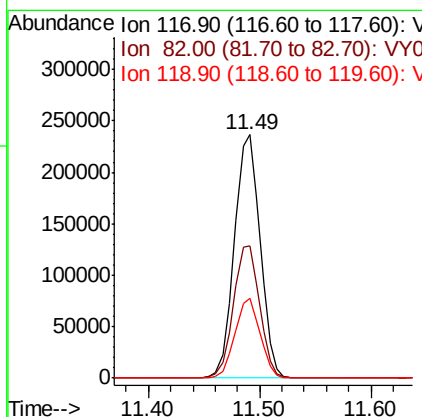
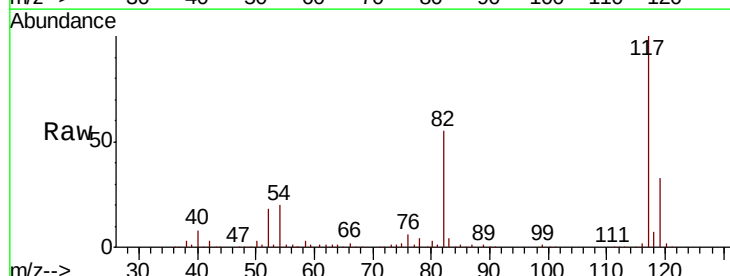
Instrument :
MSVOA_Y
ClientSampleId :
PF-L

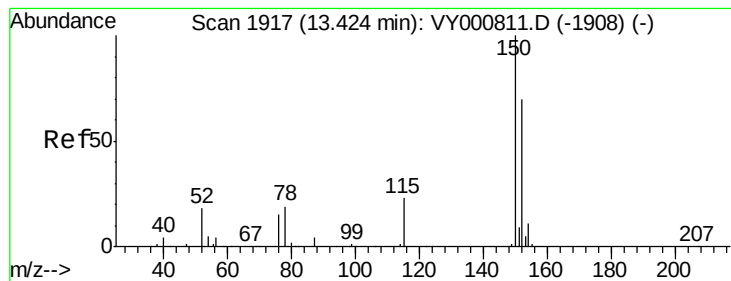
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	150.6
176	73.9	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.1	64.7
119	32.8	25.3	37.9



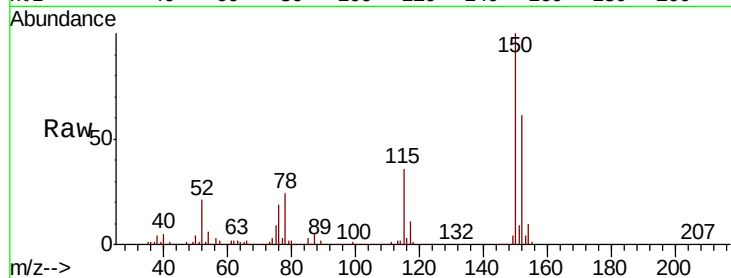


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

Instrument :
MSVOA_Y
ClientSampleId :
PF-L

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	87.8
150	160.6	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

