

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000957.D
 Acq On : 16 Dec 2019 16:11
 Operator : SY/MD
 Sample : K6317-03
 Misc : 7.2G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB3

Quant Time: Dec 17 07:39:58 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

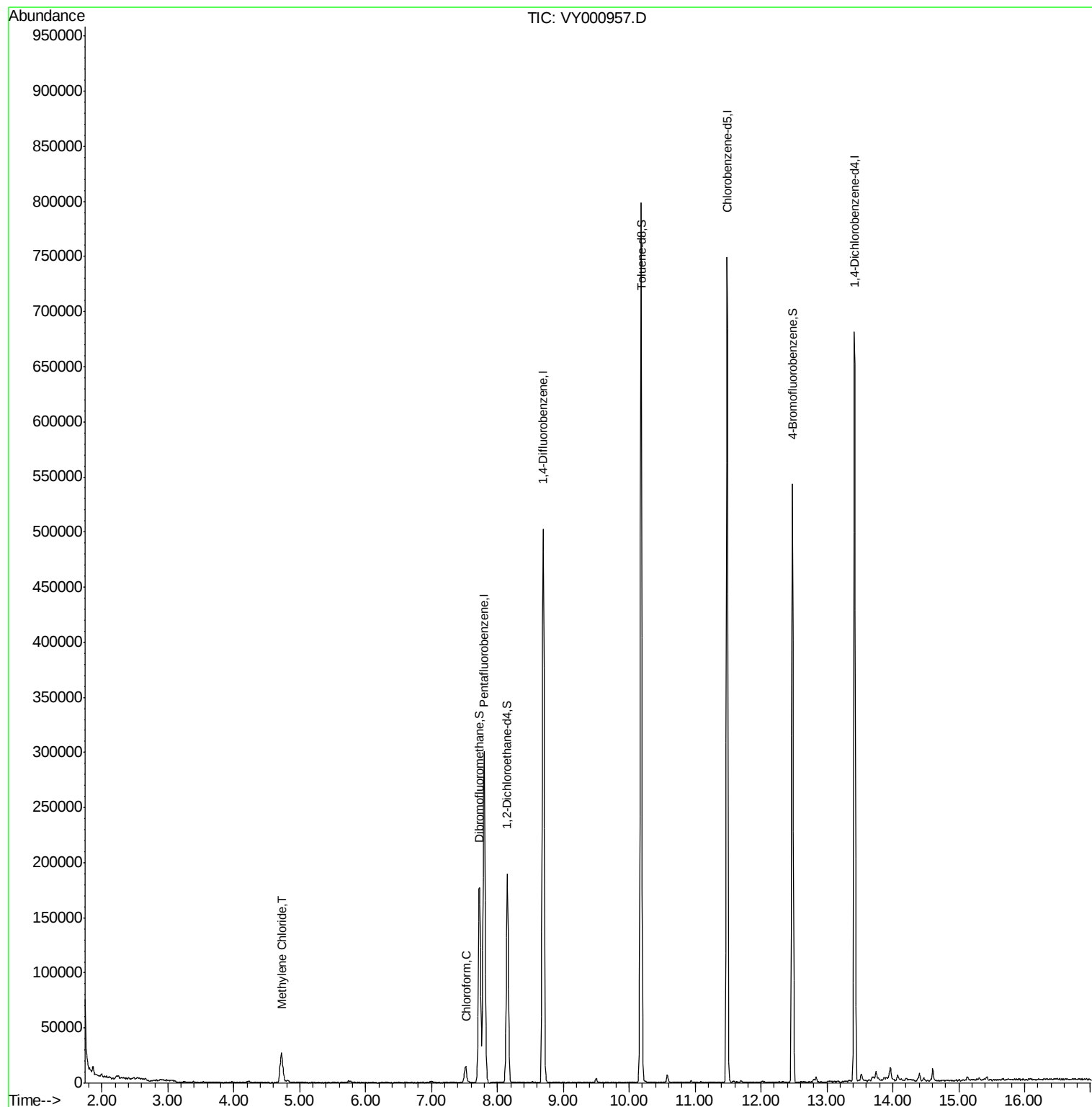
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140176	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.72	113	129358	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.18	98	512717	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.48	95	168937	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
20) Methylene Chloride	4.73	84	18655	6.363	ug/l	93
30) Chloroform	7.52	83	13757	2.822	ug/l	93

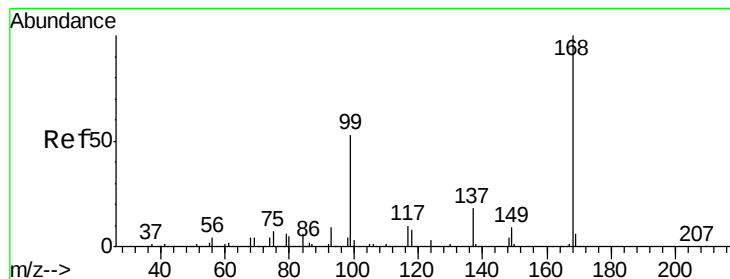
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000957.D

Acq: 16 Dec 2019 16:11

Instrument :

MSVOA_Y

ClientSampleId :

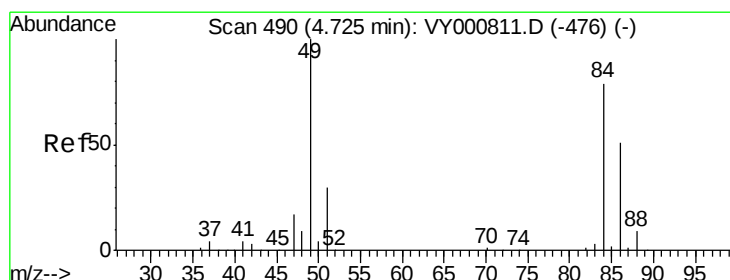
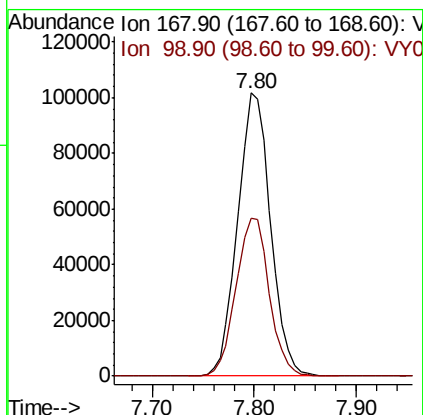
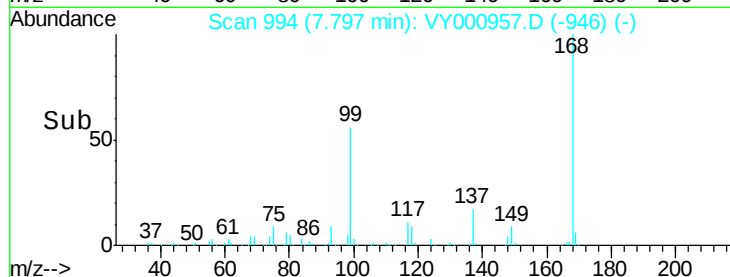
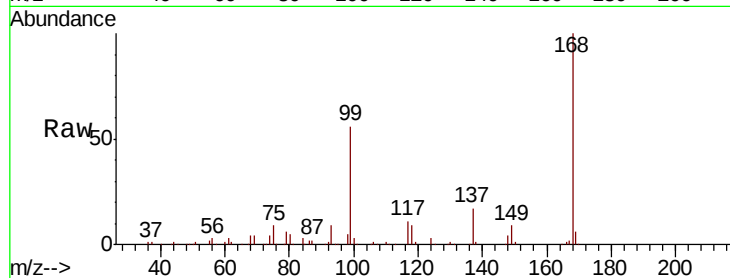
178K-SB3

Tot Ion:168 Resp: 228162

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.6



#20

Methylene Chloride

Concen: 6.363 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000957.D

Acq: 16 Dec 2019 16:11

Tgt Ion: 84 Resp: 18655

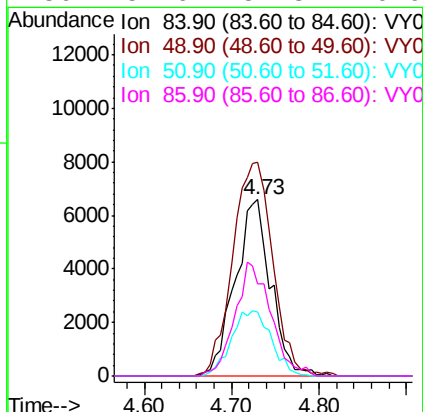
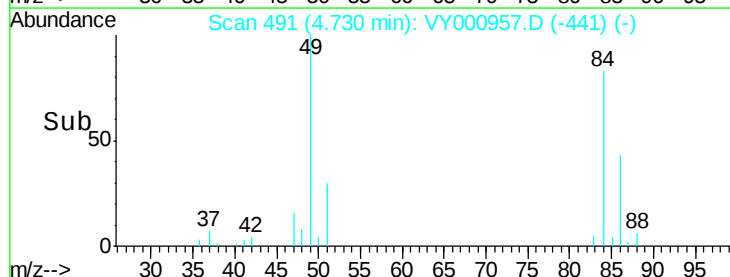
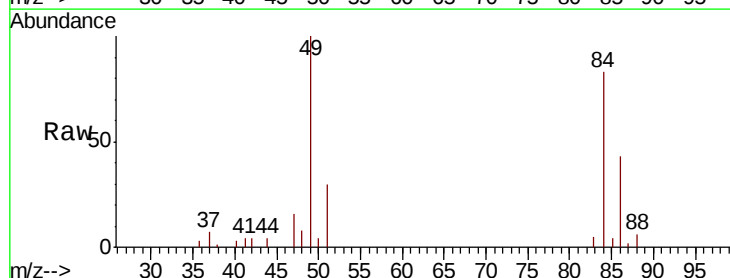
Ion Ratio Lower Upper

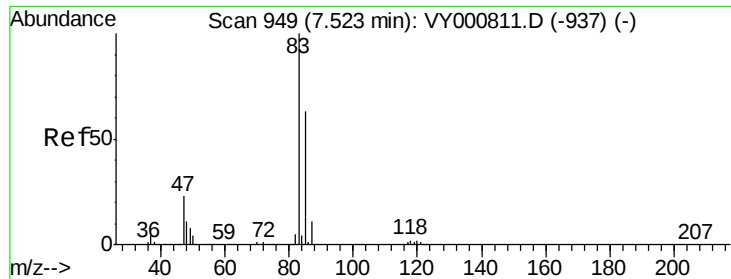
84 100

49 121.0 101.3 151.9

51 36.5 30.6 45.8

86 52.6 51.3 76.9

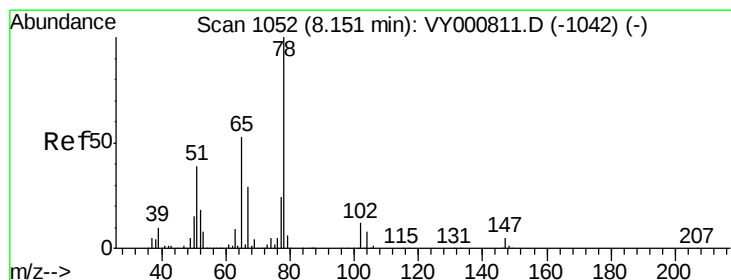
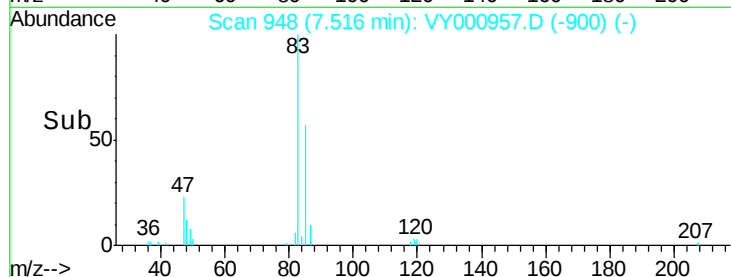
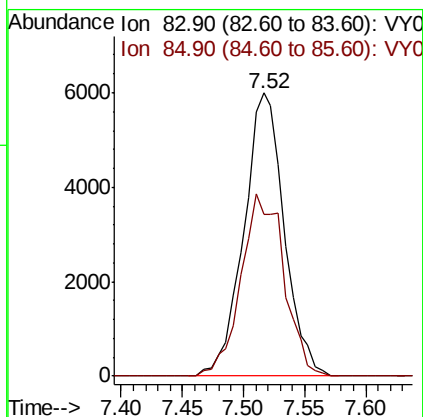
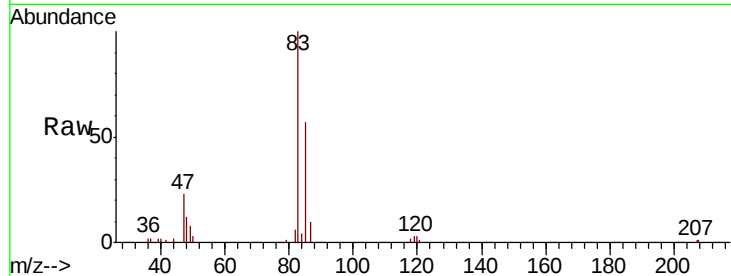




#30
Chloroform
Concen: 2.822 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000957.D
Acq: 16 Dec 2019 16:11

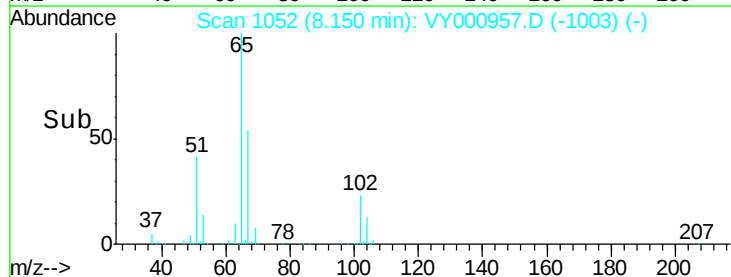
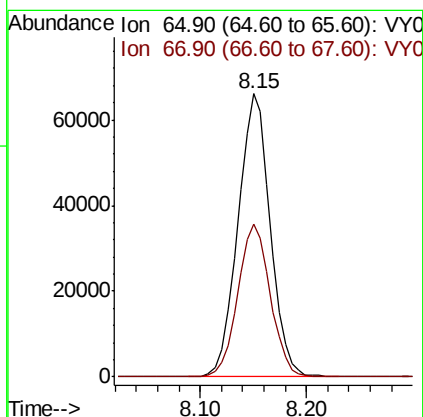
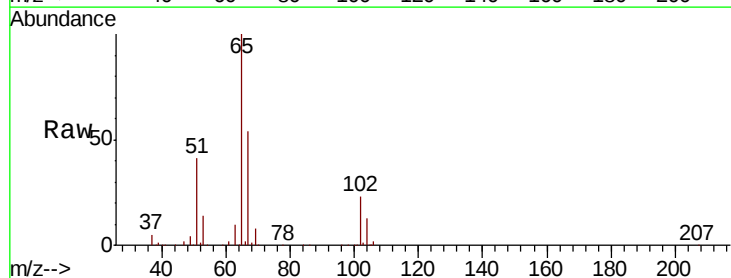
Instrument :
MSVOA_Y
ClientSampled :
178K-SB3

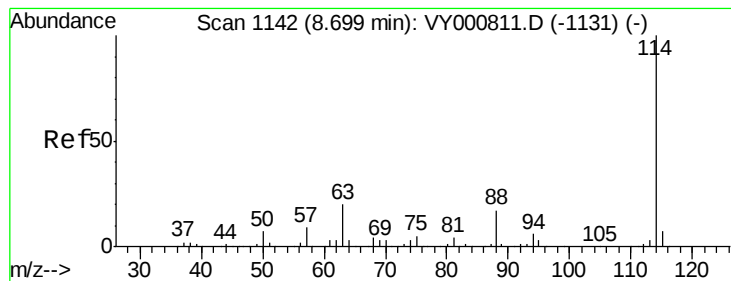
Tot Ion: 83 Resp: 13757
Ion Ratio Lower Upper
83 100
85 57.2 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 57.819 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000957.D
Acq: 16 Dec 2019 16:11

Tgt Ion: 65 Resp: 140176
Ion Ratio Lower Upper
65 100
67 54.5 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: VY000957.D

Acq: 16 Dec 2019 16:11

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB3

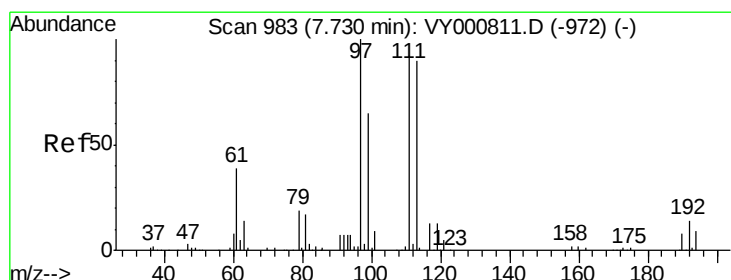
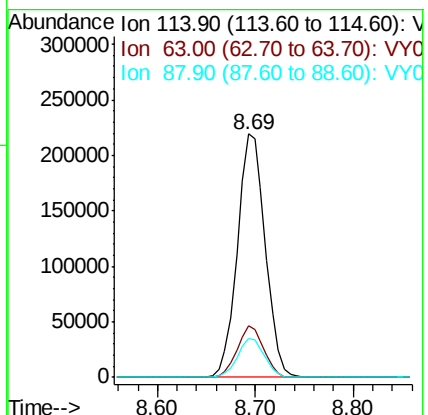
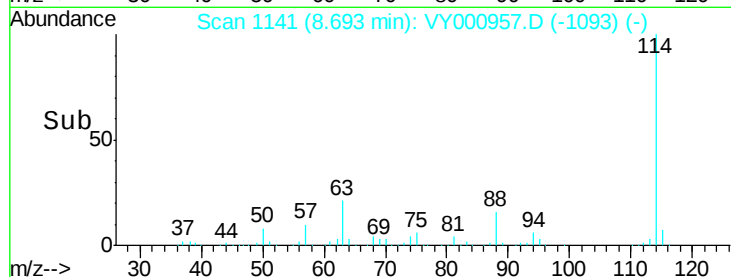
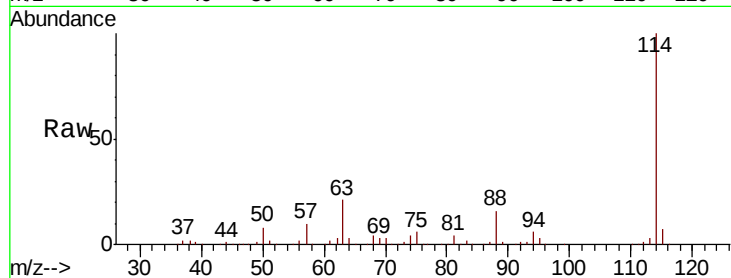
Tot Ion:114 Resp: 432249

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000957.D

Acq: 16 Dec 2019 16:11

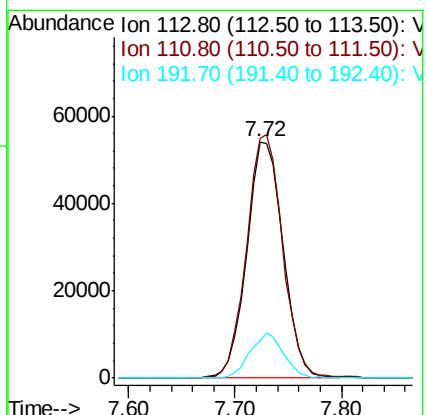
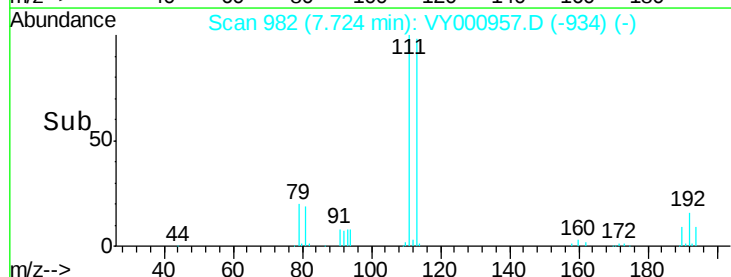
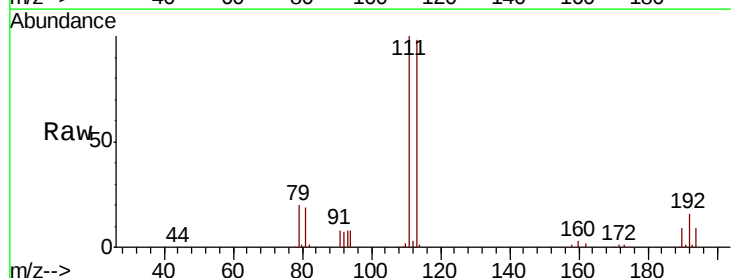
Tgt Ion:113 Resp: 129358

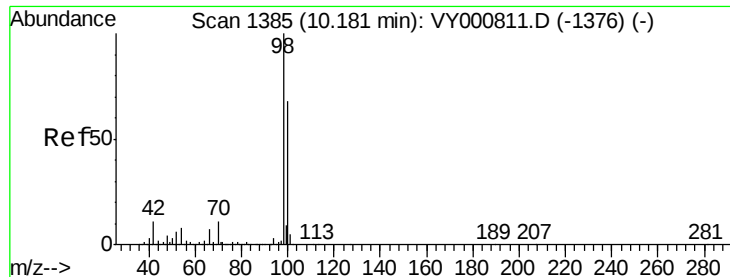
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.8 14.2 21.2





#50

Toluene-d8

Concen: 50.908 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000957.D

Acq: 16 Dec 2019 16:11

Instrument :

MSVOA_Y

ClientSampleId :

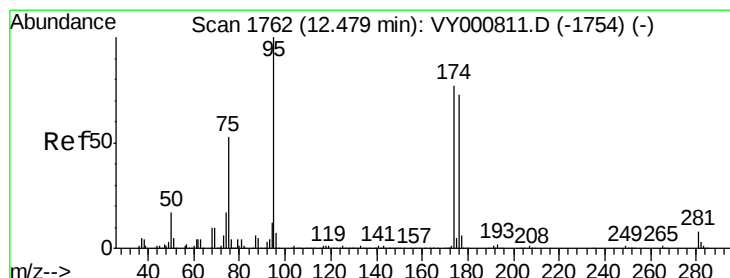
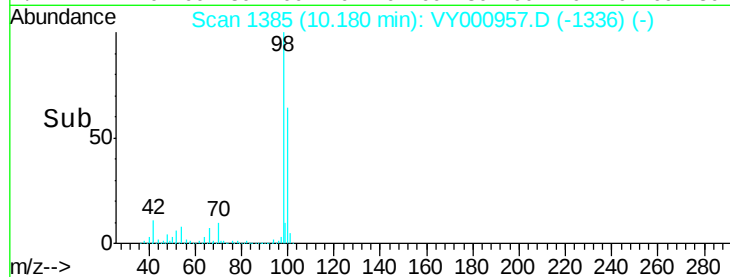
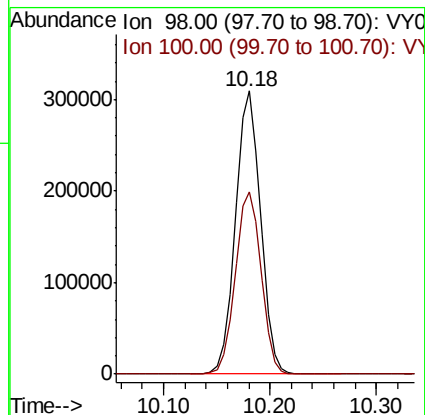
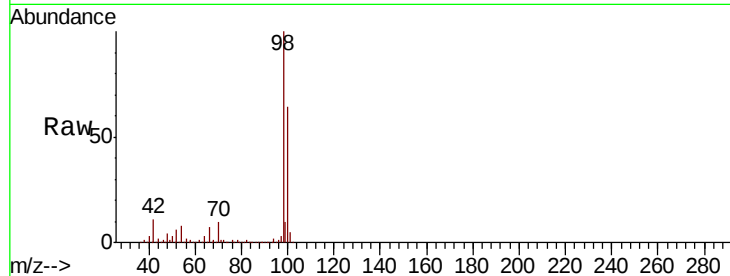
178K-SB3

Tot Ion: 98 Resp: 512717

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.665 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000957.D

Acq: 16 Dec 2019 16:11

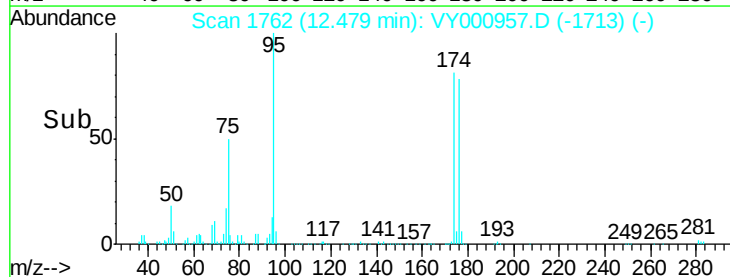
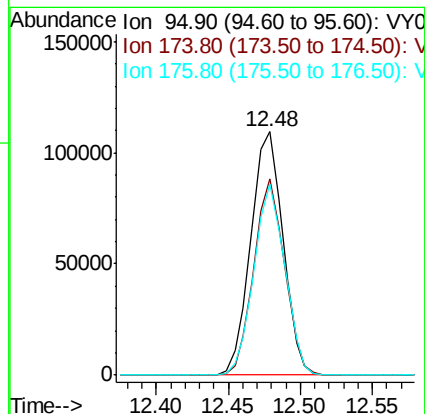
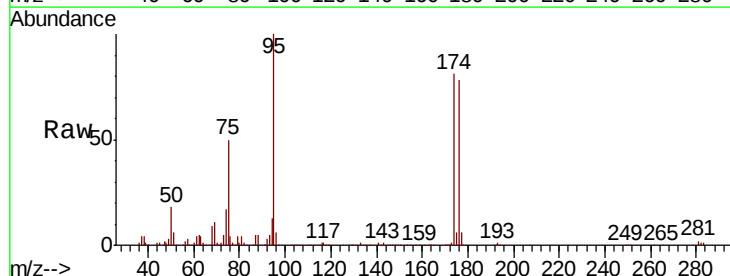
Tgt Ion: 95 Resp: 168937

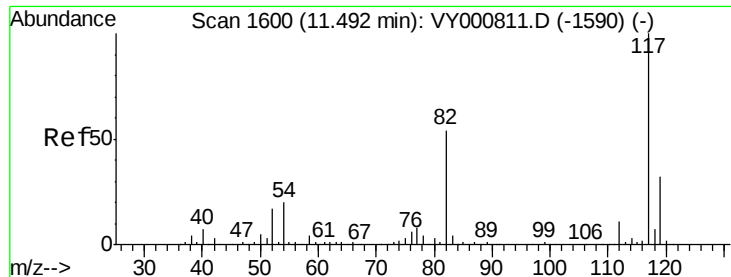
Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 75.6 0.0 145.2

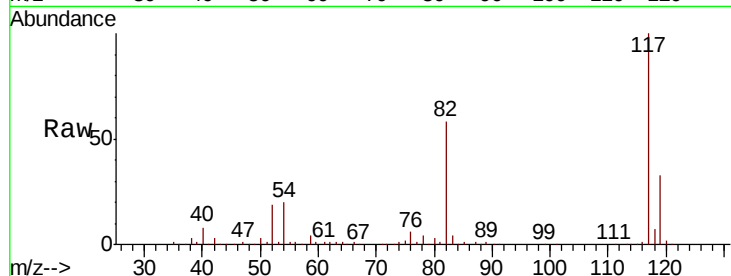




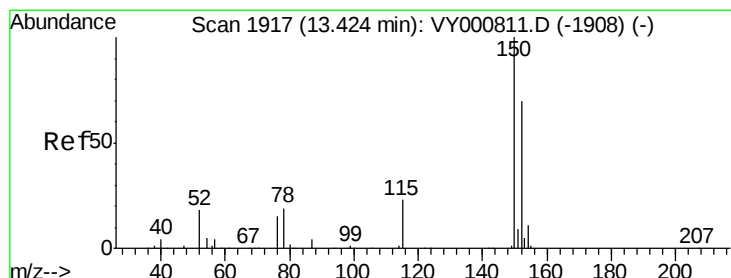
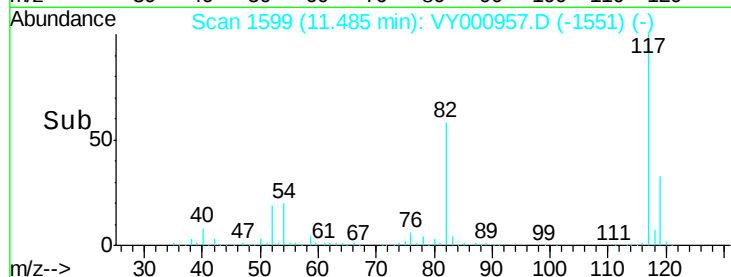
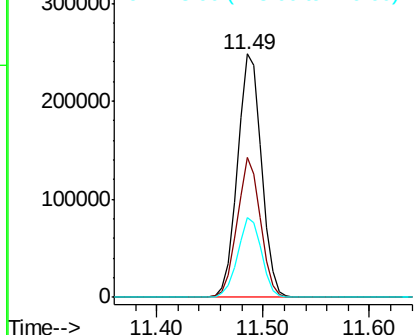
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000957.D
Acq: 16 Dec 2019 16:11

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB3

Tot Ion:117 Resp: 392468
Ion Ratio Lower Upper
117 100
82 57.5 43.1 64.7
119 32.5 25.3 37.9

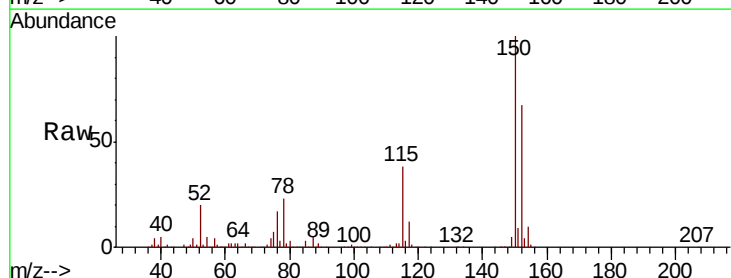


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000957.D
Acq: 16 Dec 2019 16:11

Tgt Ion:152 Resp: 170837
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 155.2 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

