

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000956.D
 Acq On : 16 Dec 2019 15:49
 Operator : SY/MD
 Sample : K6317-02
 Misc : 4.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB2

Quant Time: Dec 17 07:38:28 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

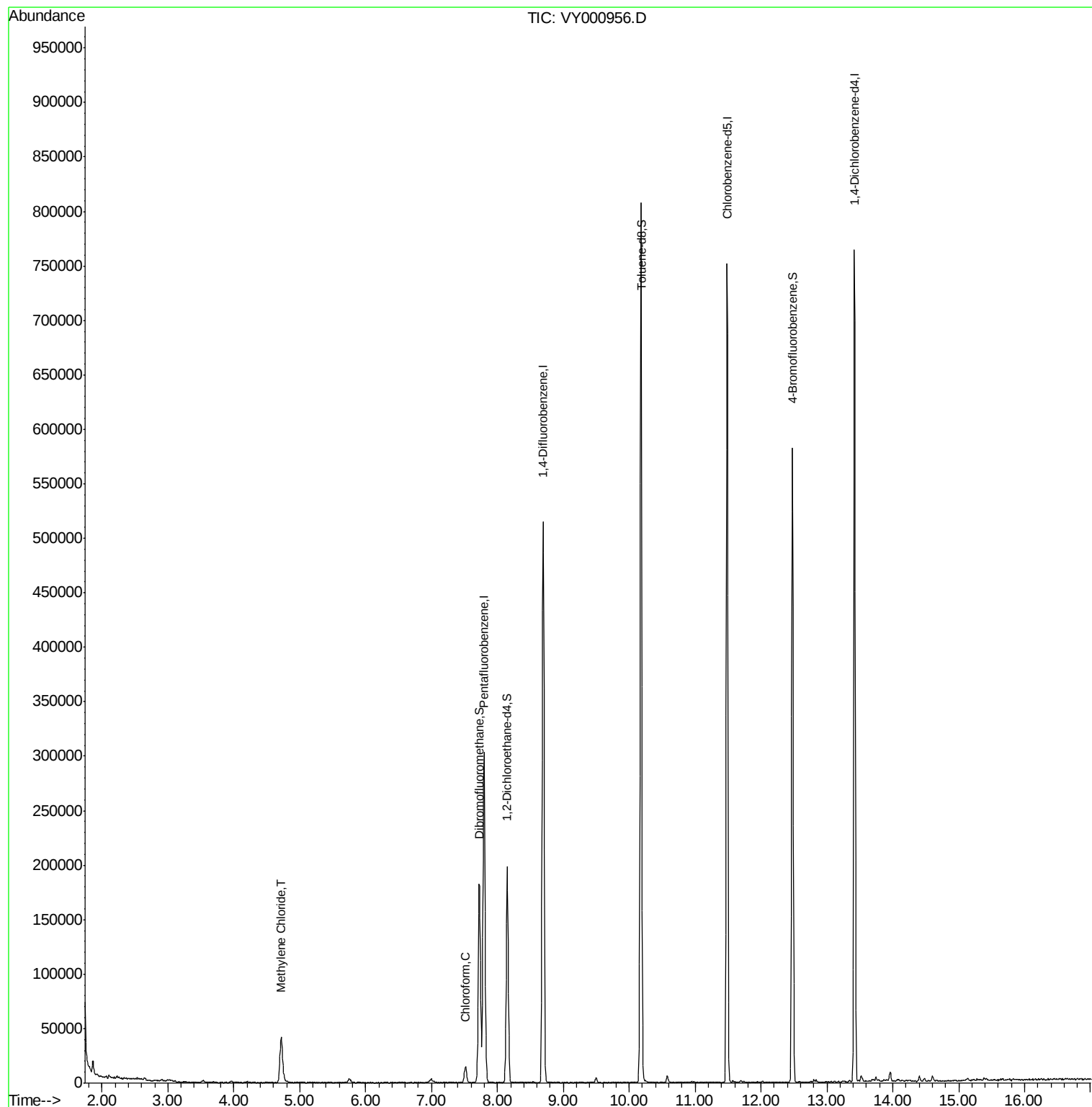
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145908	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
35) Dibromofluoromethane	7.73	113	130340	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.18	98	526963	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.48	95	180390	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
20) Methylene Chloride	4.72	84	29652	9.789	ug/l	96
30) Chloroform	7.52	83	14720	2.922	ug/l	92

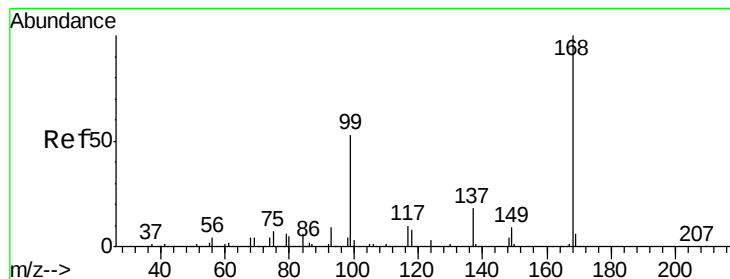
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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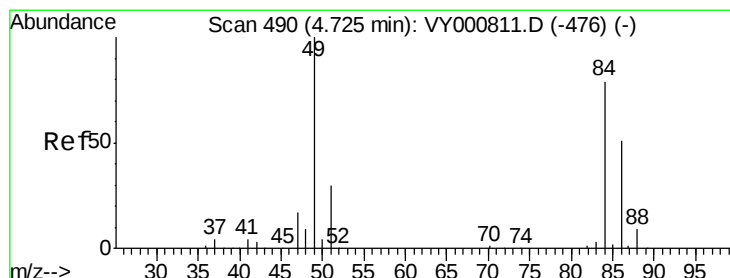
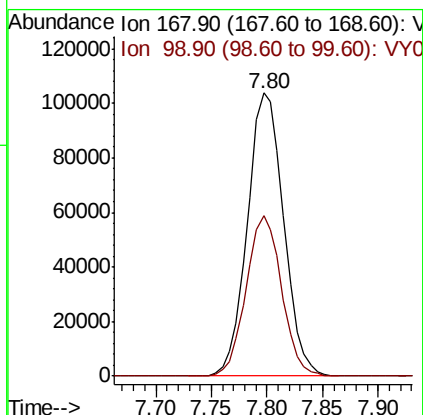
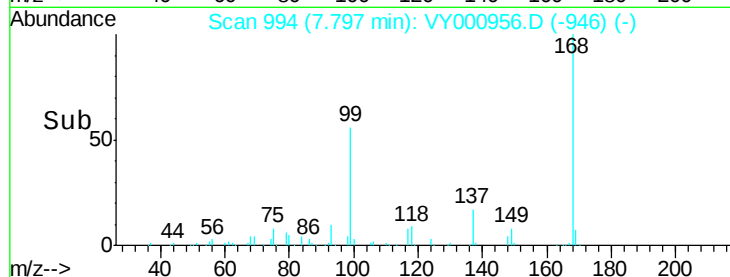
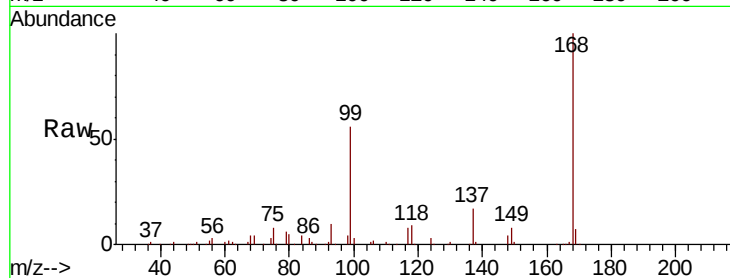


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000956.D
 Acq: 16 Dec 2019 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB2

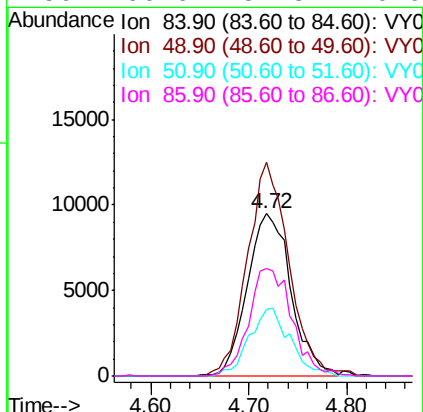
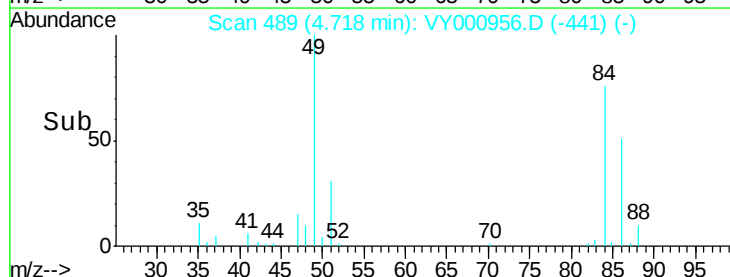
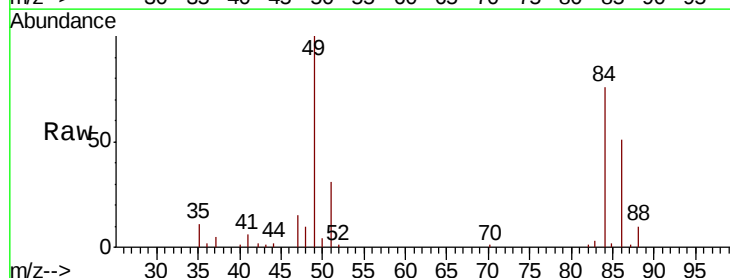
Tot Ion: 168 Resp: 235758
 Ion Ratio Lower Upper
 168 100
 99 56.5 45.0 67.6

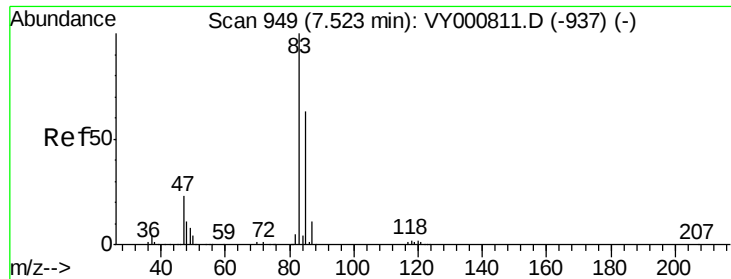


#20

Methylene Chloride
 Concen: 9.789 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000956.D
 Acq: 16 Dec 2019 15:49

Tgt Ion: 84 Resp: 29652
 Ion Ratio Lower Upper
 84 100
 49 131.8 101.3 151.9
 51 41.3 30.6 45.8
 86 66.6 51.3 76.9

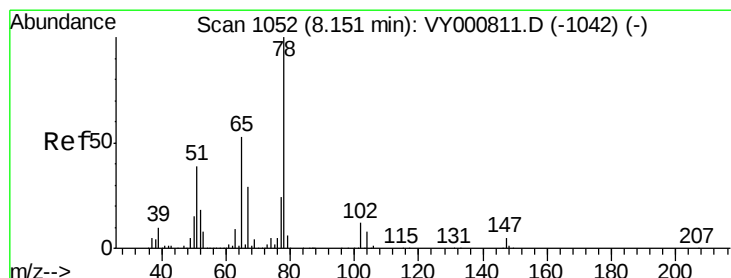
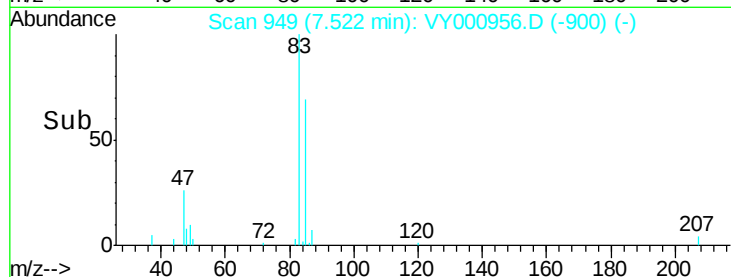
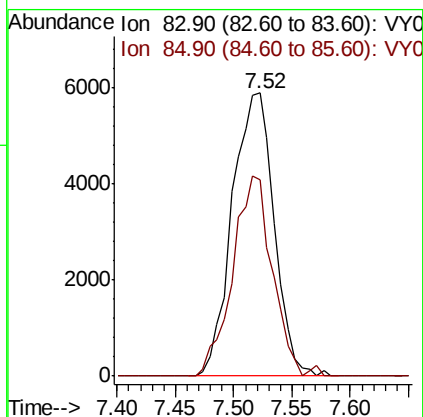
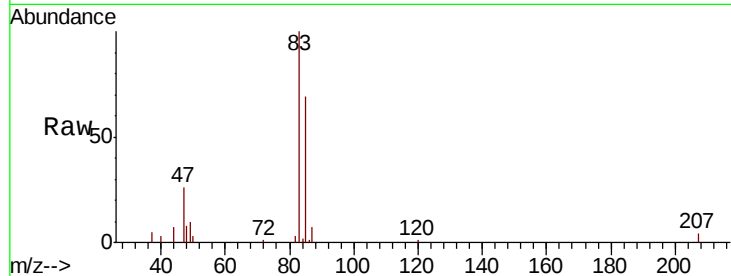




#30
Chloroform
Concen: 2.922 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

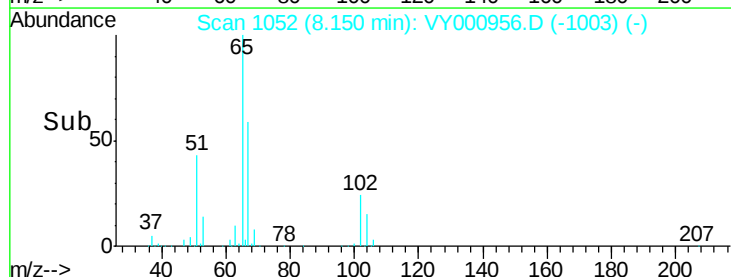
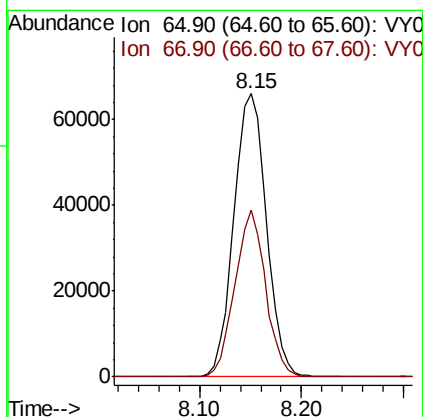
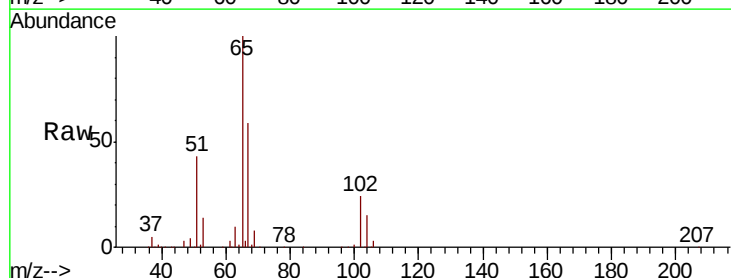
Instrument :
MSVOA_Y
ClientSampled :
178K-SB2

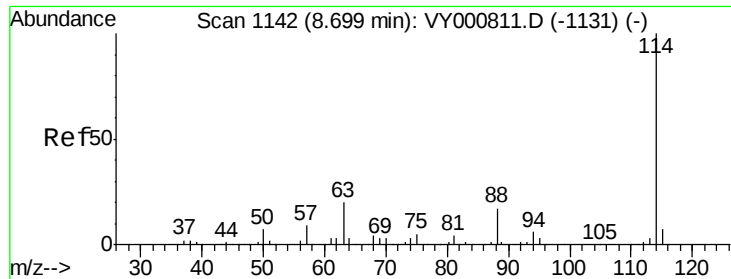
Tot Ion: 83 Resp: 14720
Ion Ratio Lower Upper
83 100
85 69.5 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 58.244 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion: 65 Resp: 145908
Ion Ratio Lower Upper
65 100
67 55.5 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: VY000956.D

Acq: 16 Dec 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB2

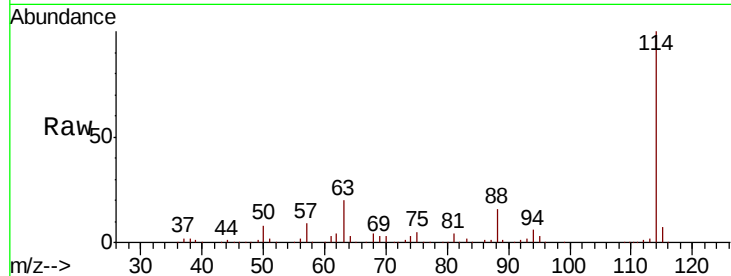
Tot Ion:114 Resp: 443079

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

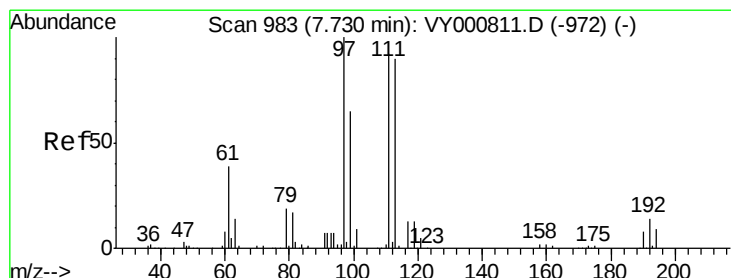
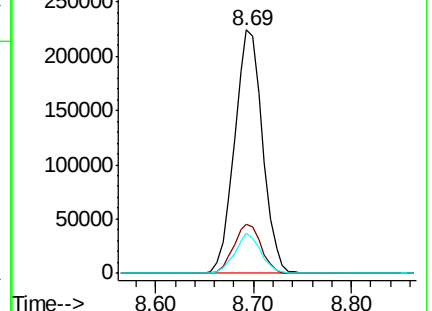
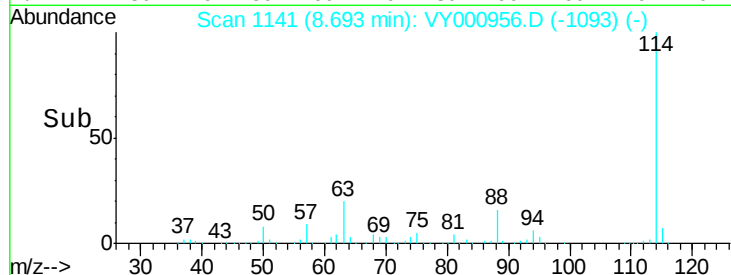
88 16.3 0.0 33.2



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: 50.475 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

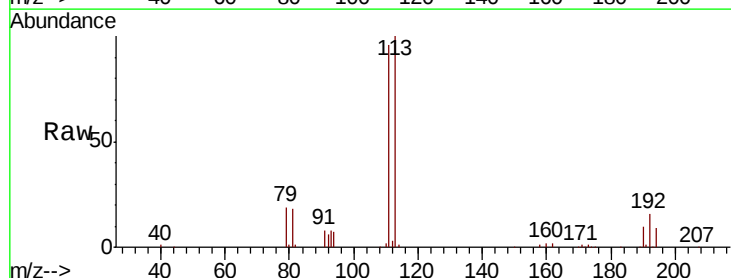
Tgt Ion:113 Resp: 130340

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

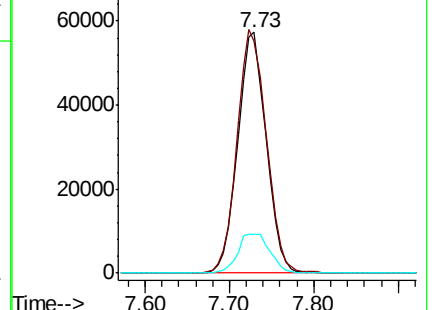
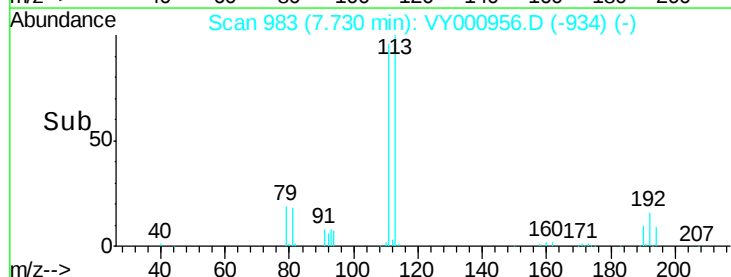
192 18.4 14.2 21.2

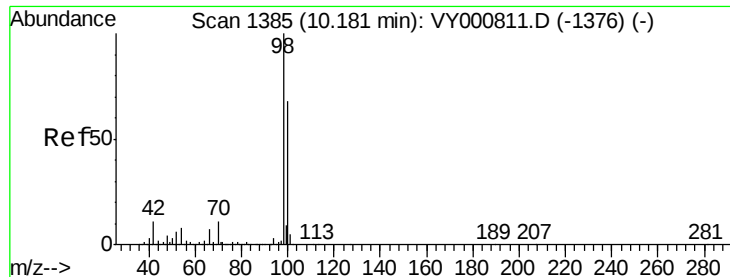


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.044 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

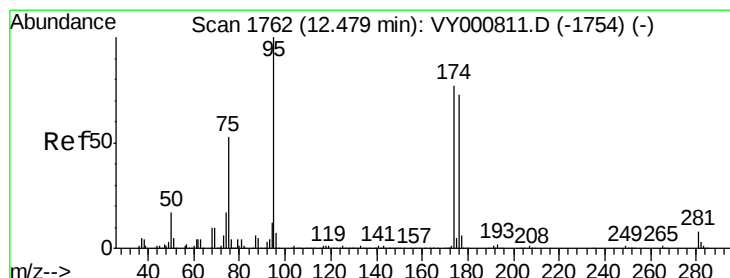
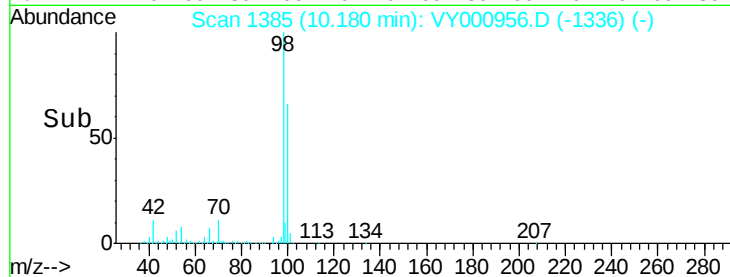
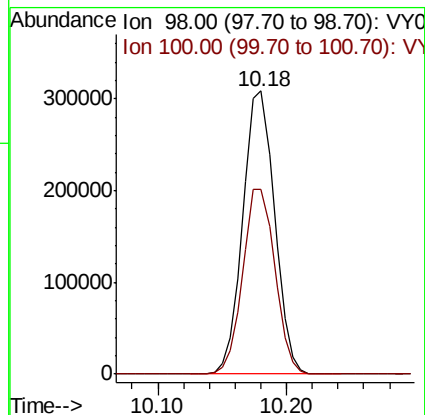
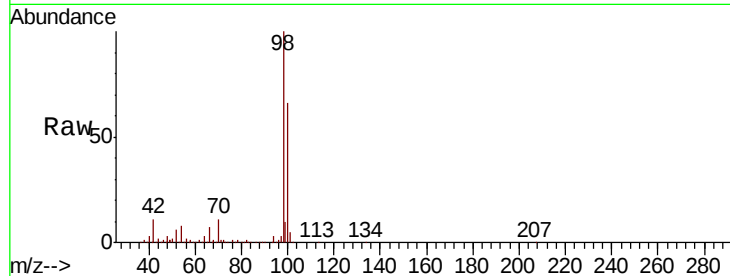
178K-SB2

Tot Ion: 98 Resp: 526963

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.527 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

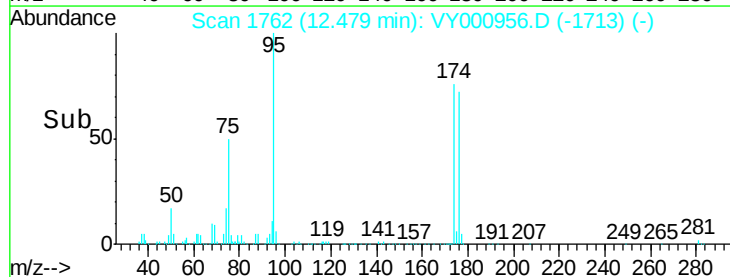
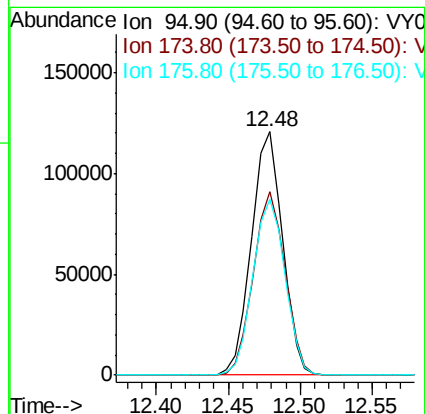
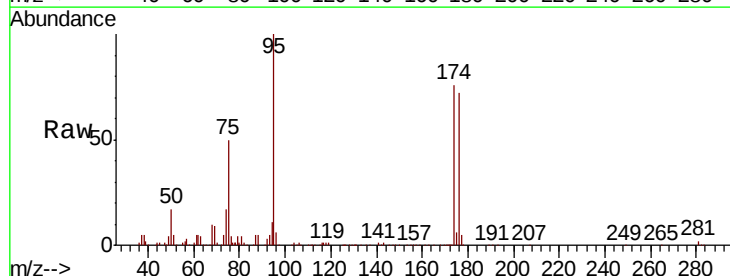
Tgt Ion: 95 Resp: 180390

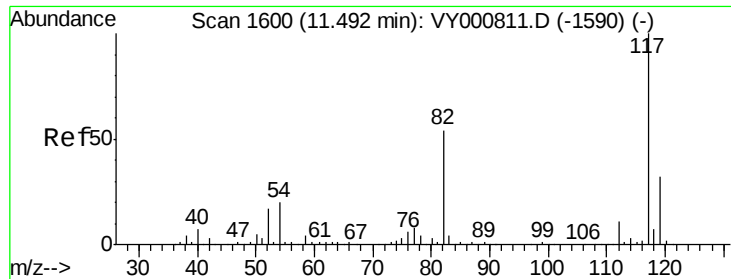
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 74.8 0.0 145.2

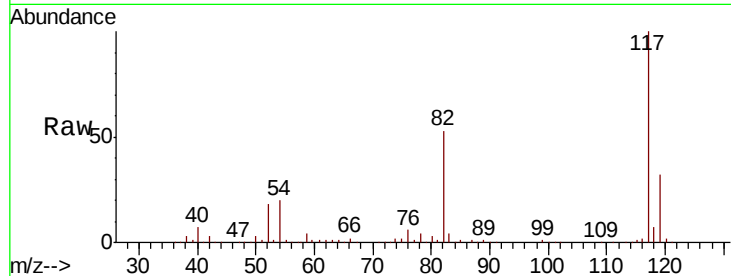




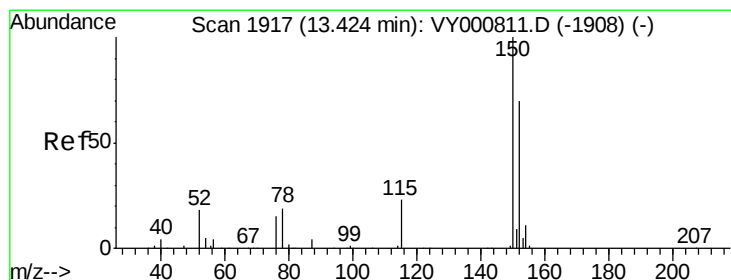
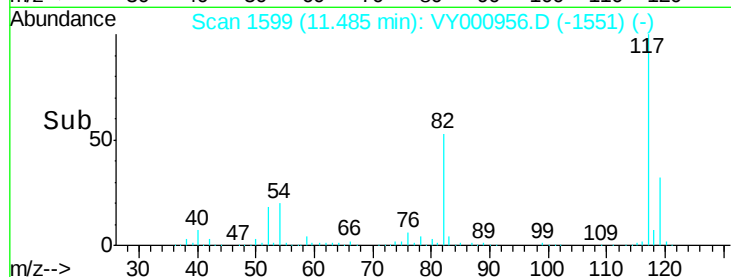
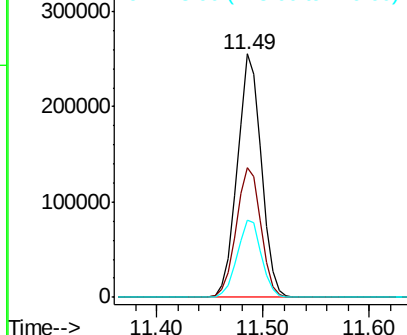
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

Tot Ion:117 Resp: 403719
Ion Ratio Lower Upper
117 100
82 53.0 43.1 64.7
119 31.7 25.3 37.9

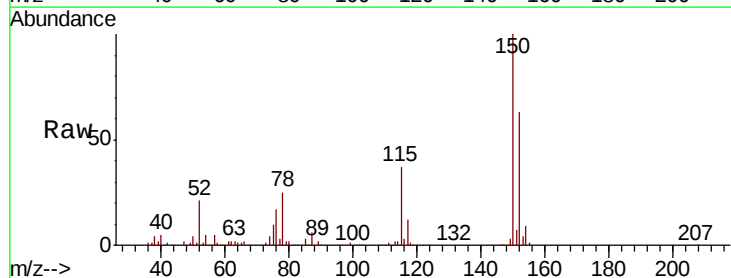


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion:152 Resp: 185577
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 157.6 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

