

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000983.D
 Acq On : 17 Dec 2019 16:56
 Operator : SY/MD
 Sample : K6324-05
 Misc : 6.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-13

Quant Time: Dec 19 07:12:00 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

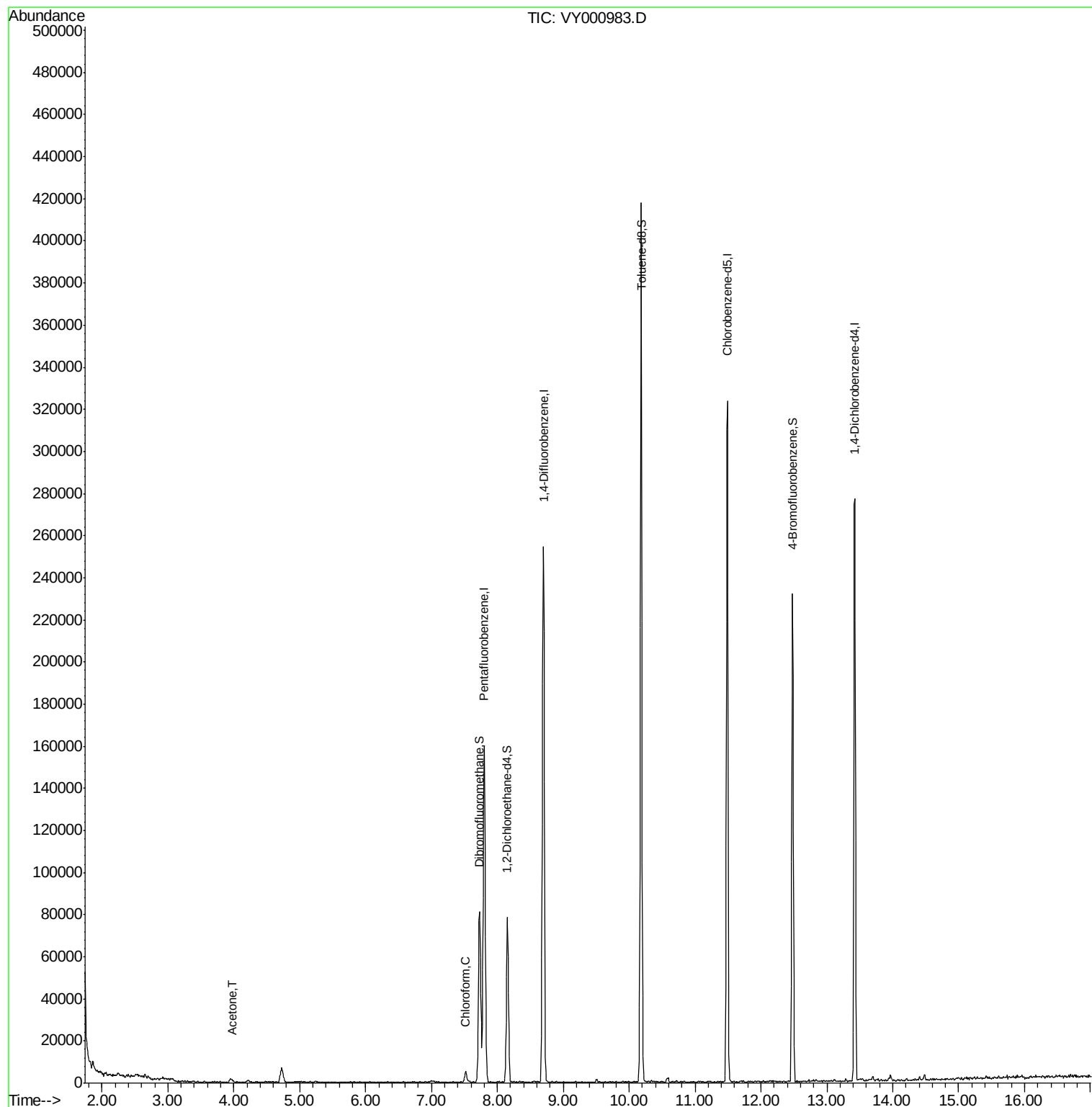
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	222450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	174845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	56305	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
35) Dibromofluoromethane	7.73	113	58440	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	10.18	98	259070	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.48	95	70141	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
Target Compounds						
16) Acetone	3.97	43	2729	8.865	ug/l	100
30) Chloroform	7.52	83	5075	1.881	ug/l #	67

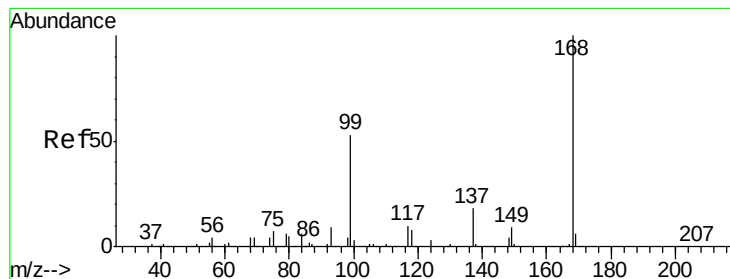
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampled :

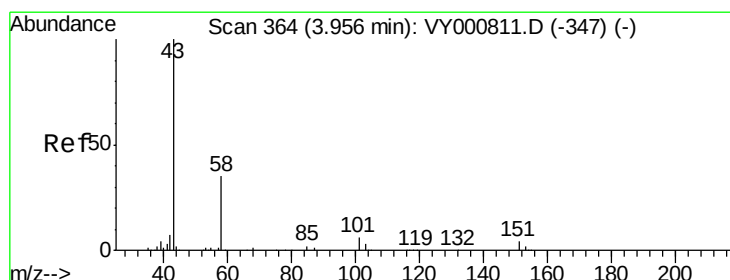
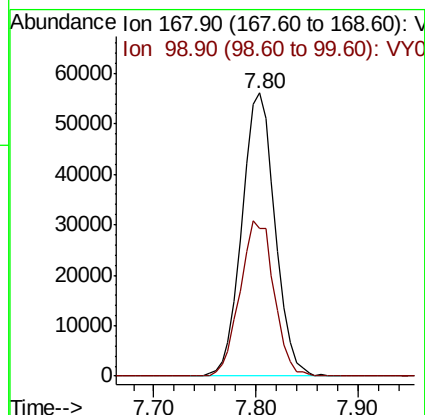
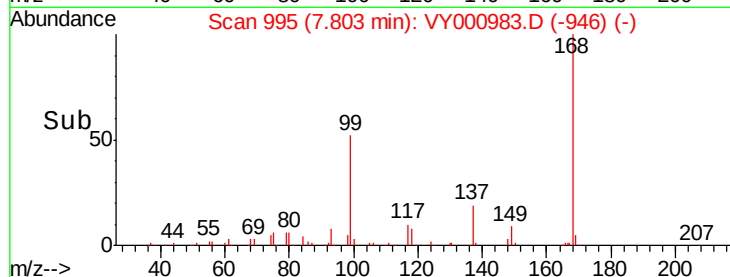
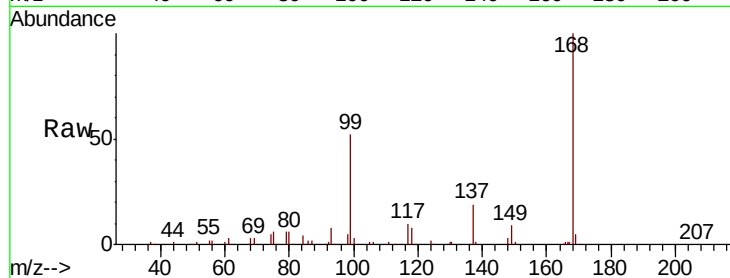
EP-13

Tot Ion:168 Resp: 126284

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.6



#16

Acetone

Concen: 8.865 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000983.D

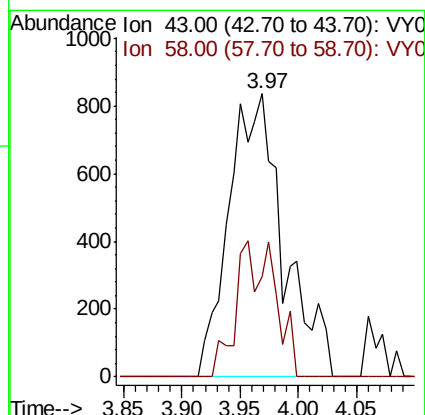
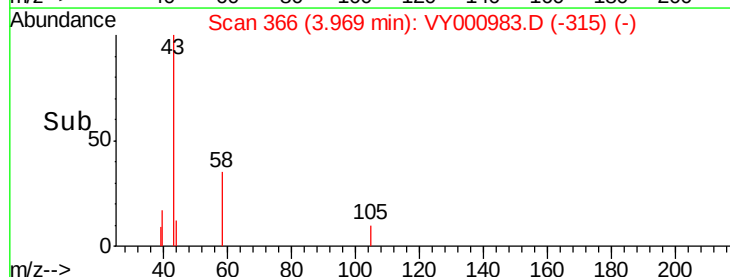
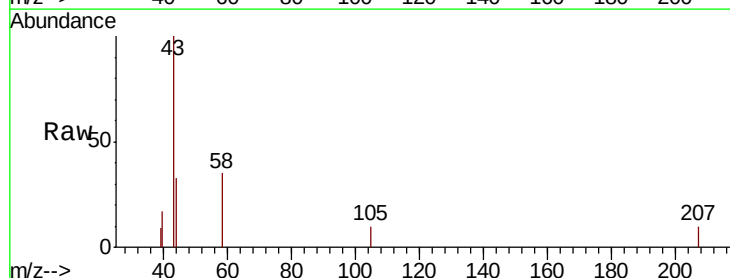
Acq: 17 Dec 2019 16:56

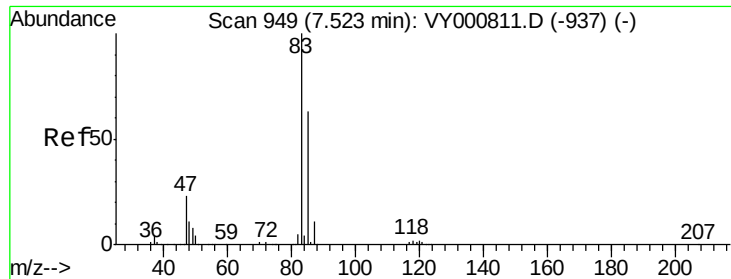
Tgt Ion: 43 Resp: 2729

Ion Ratio Lower Upper

43 100

58 35.3 28.0 42.0

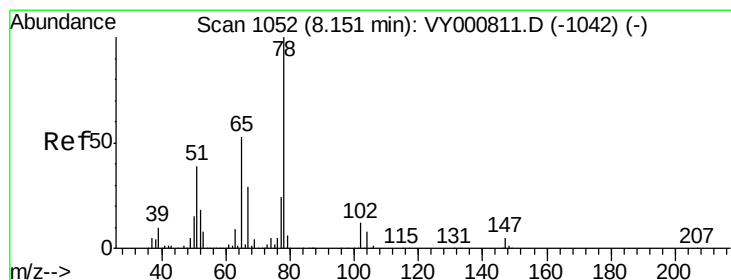
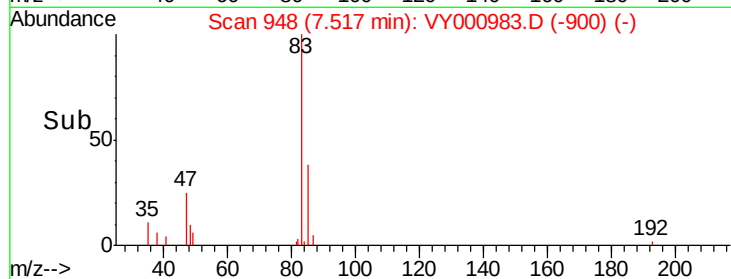
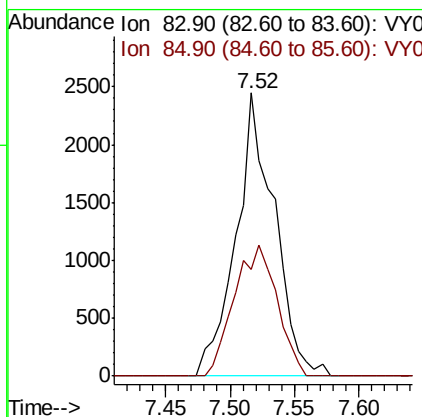
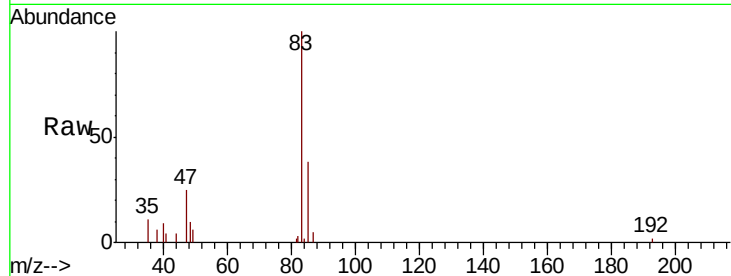




#30
 Chloroform
 Concen: 1.881 ug/l
 RT: 7.52 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

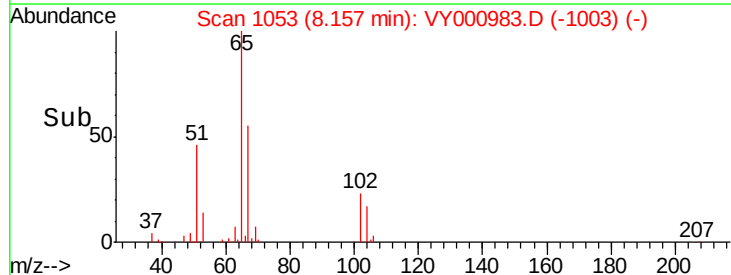
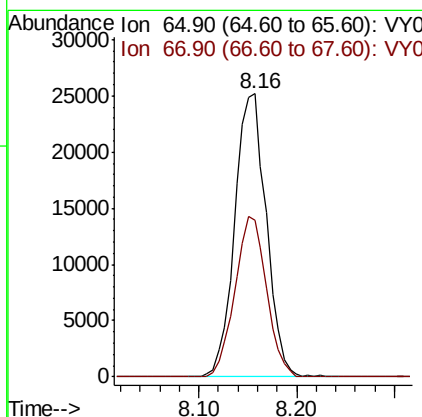
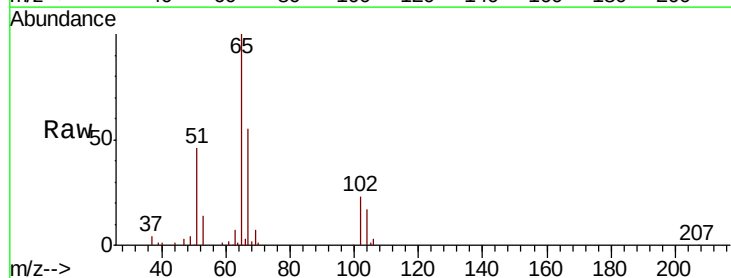
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-13

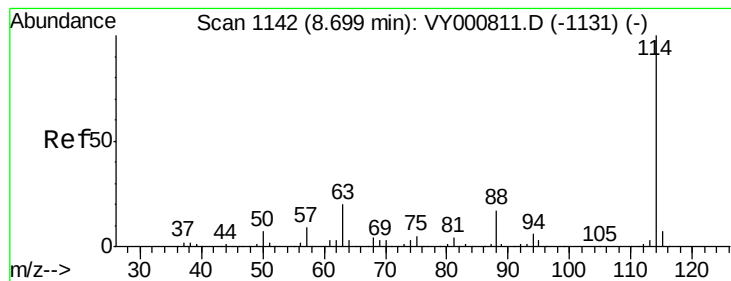
Tot Ion: 83 Resp: 5075
 Ion Ratio Lower Upper
 83 100
 85 37.7 50.4 75.6#



#33
 1,2-Dichloroethane-d4
 Concen: 41.960 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

Tgt Ion: 65 Resp: 56305
 Ion Ratio Lower Upper
 65 100
 67 56.8 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: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampled :

EP-13

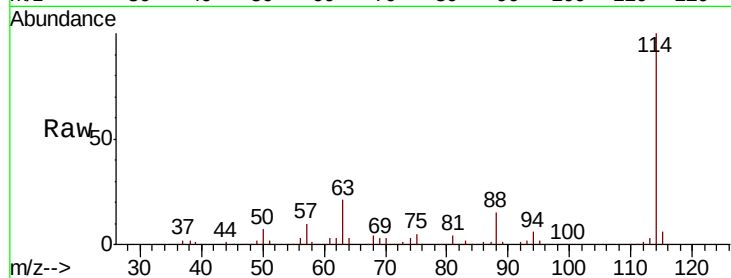
Tot Ion:114 Resp: 222450

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

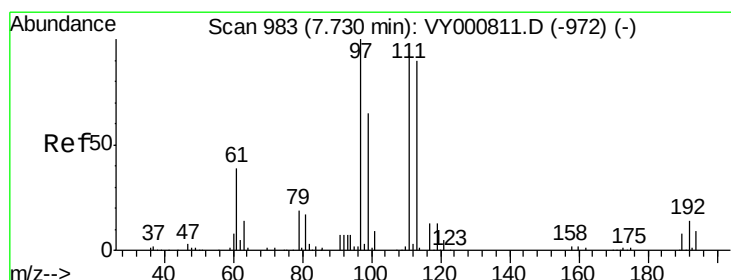
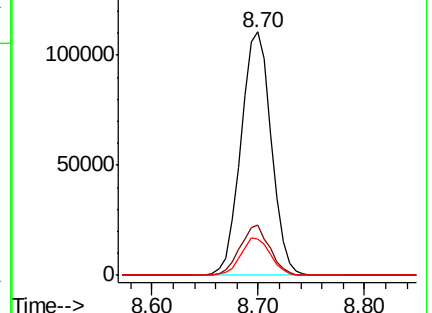
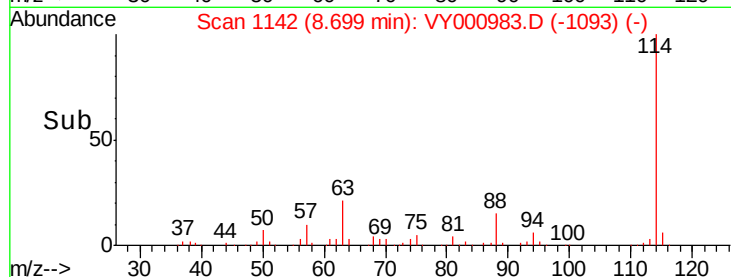
88 14.7 0.0 33.2



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: 45.077 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

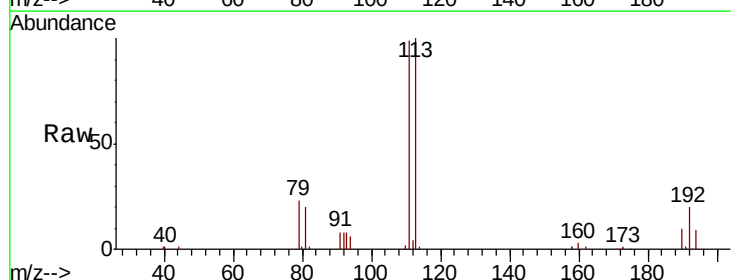
Tgt Ion:113 Resp: 58440

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

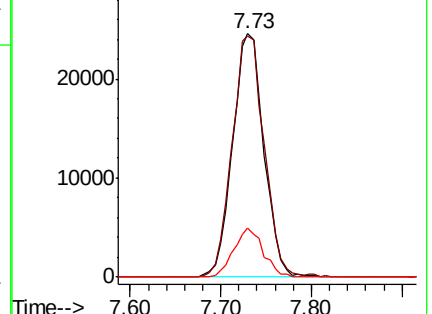
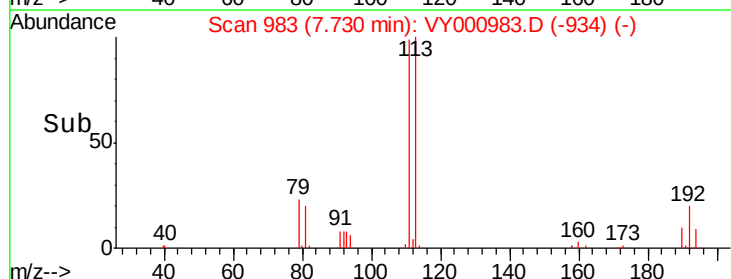
192 19.1 14.2 21.2

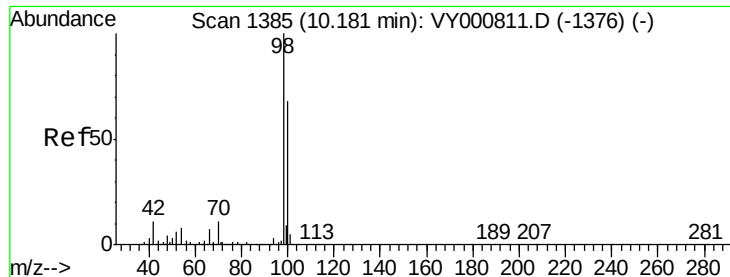


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.984 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

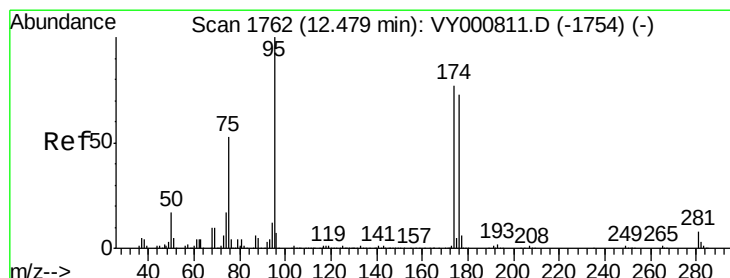
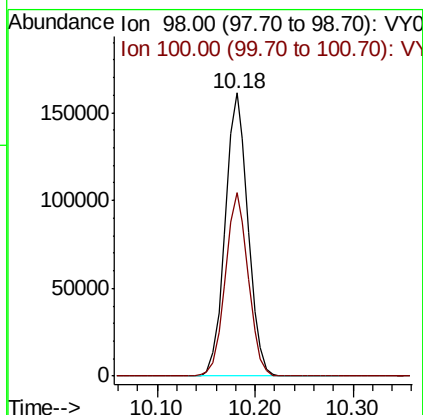
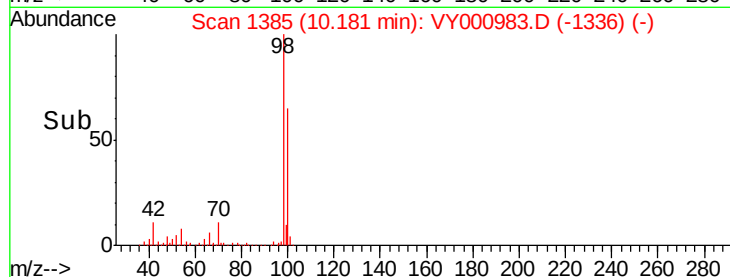
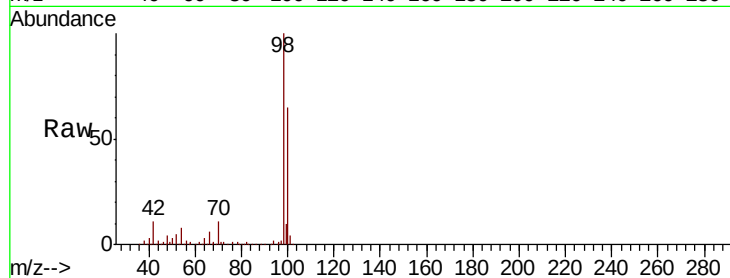
EP-13

Tot Ion: 98 Resp: 259070

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 36.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

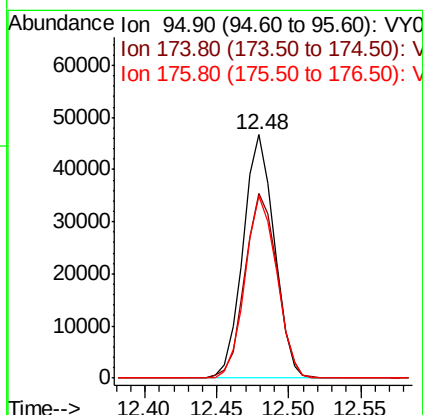
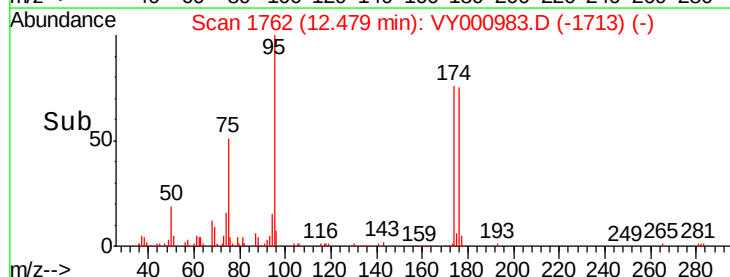
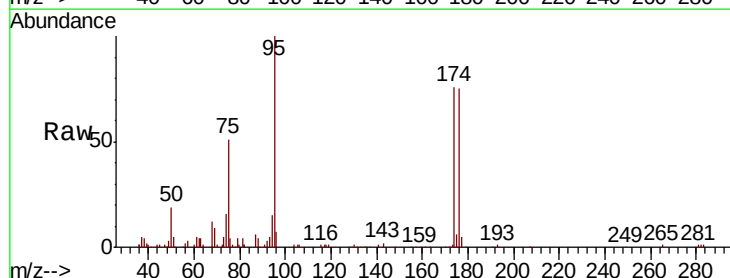
Tgt Ion: 95 Resp: 70141

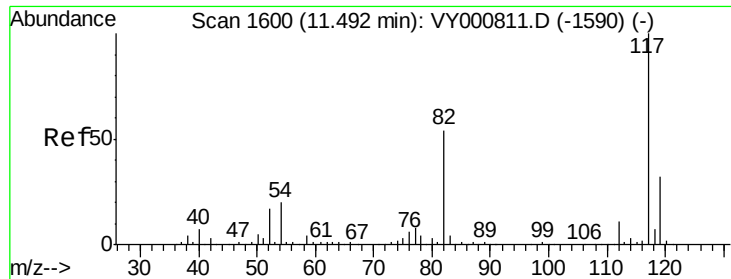
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

176 75.5 0.0 145.2

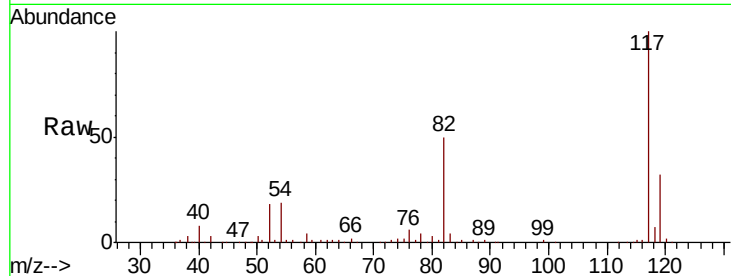




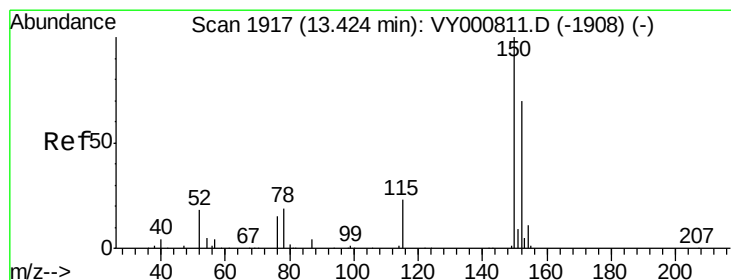
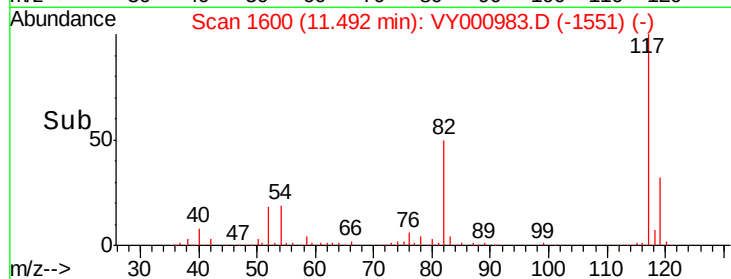
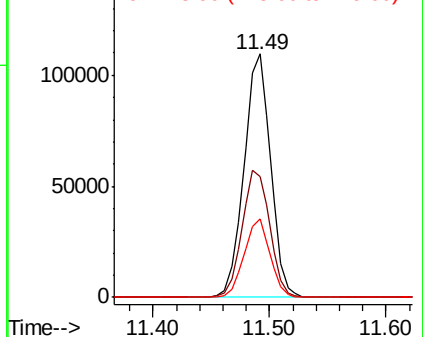
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Instrument :
MSVOA_Y
ClientSampleId :
EP-13

Tot Ion:117 Resp: 174845
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 32.5 25.3 37.9

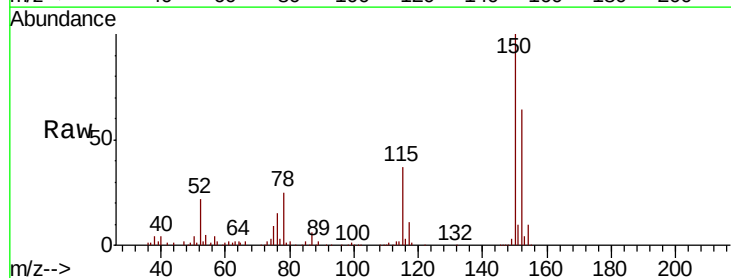


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Tgt Ion:152 Resp: 71262
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 158.1 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

