

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000706.D
 Acq On : 15 Nov 2019 17:05
 Operator : SY/MD
 Sample : K5861-17
 Misc : 4.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-14

Quant Time: Nov 16 03:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

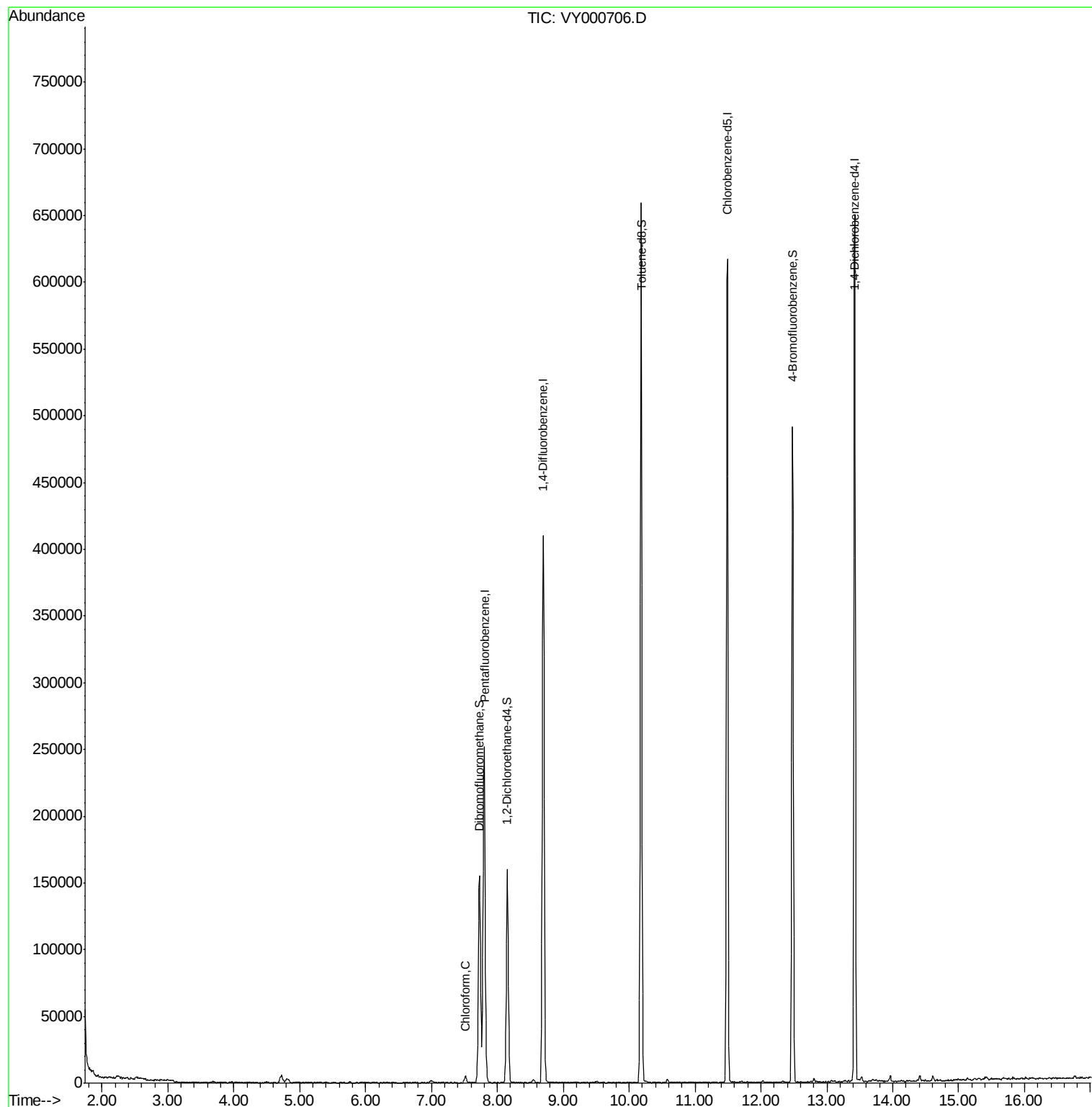
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	190984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	350426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118578	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
35) Dibromofluoromethane	7.72	113	106022	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.18	98	410684	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.48	95	147191	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
30) Chloroform	7.52	83	4222	1.143	ug/l #	Qvalue 83

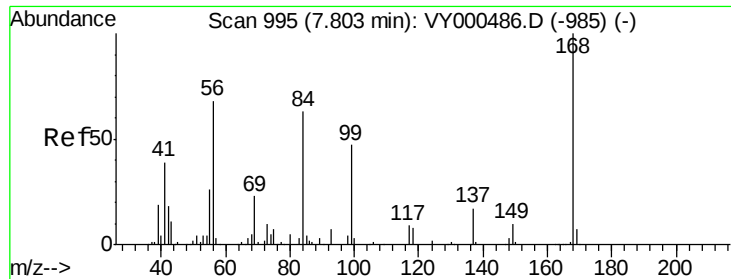
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
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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: VY000706.D

Acq: 15 Nov 2019 17:05

Instrument :

MSVOA_Y

ClientSampleId :

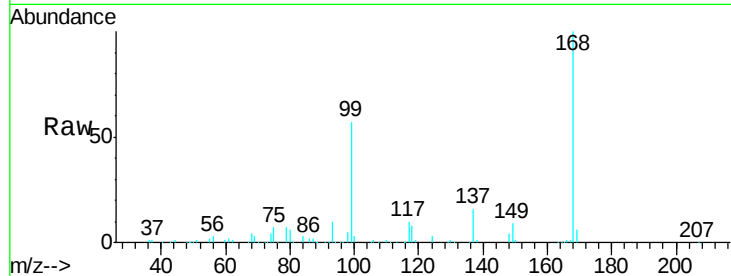
EP-14

Tgt Ion:168 Resp: 190984

Ion Ratio Lower Upper

168 100

99 57.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

80000

60000

40000

20000

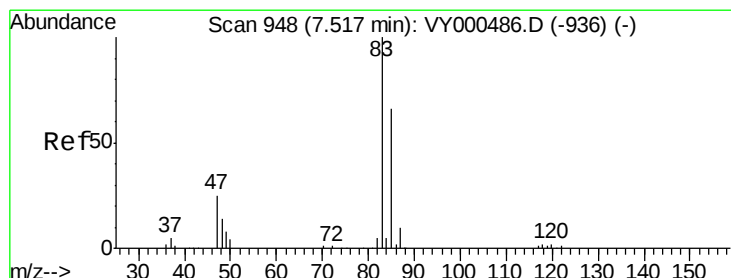
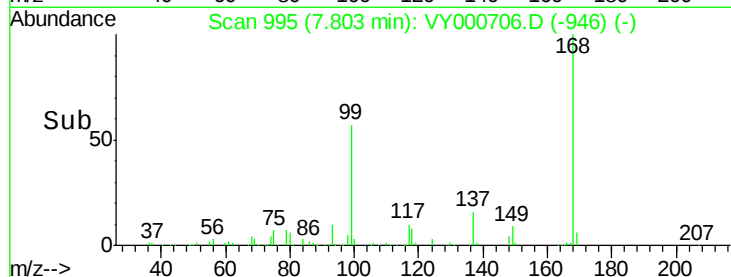
0

7.70

7.80

7.90

Time-->



#30

Chloroform

Concen: 1.143 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000706.D

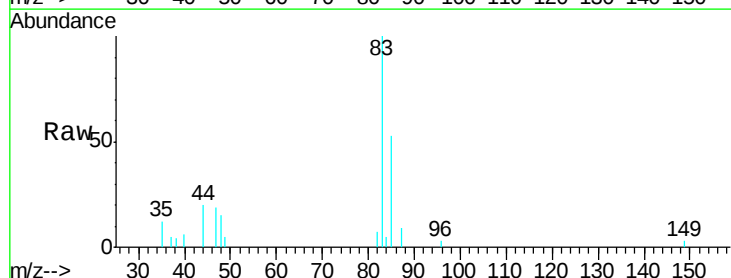
Acq: 15 Nov 2019 17:05

Tgt Ion: 83 Resp: 4222

Ion Ratio Lower Upper

83 100

85 52.5 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-936) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-936) (-)

7.52

2000

1500

1000

500

0

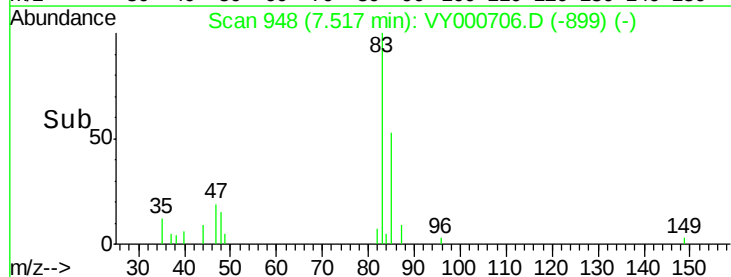
7.45

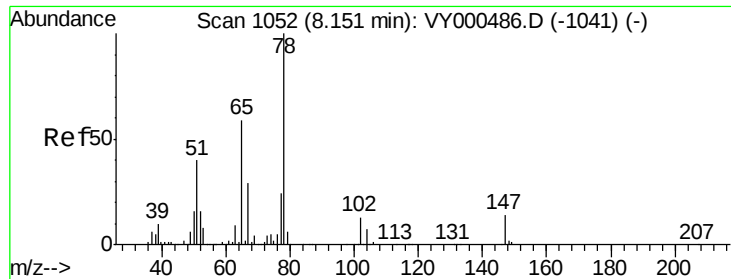
7.50

7.55

7.60

Time-->

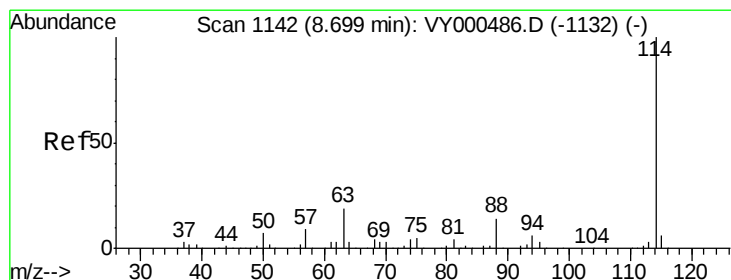
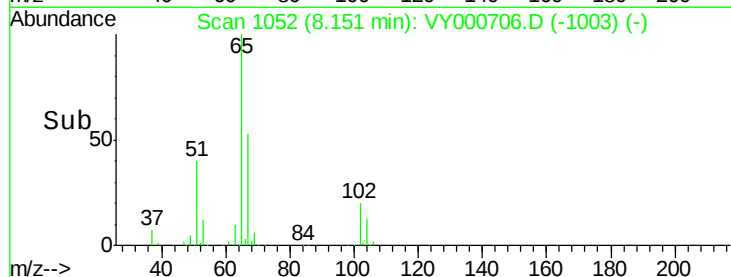
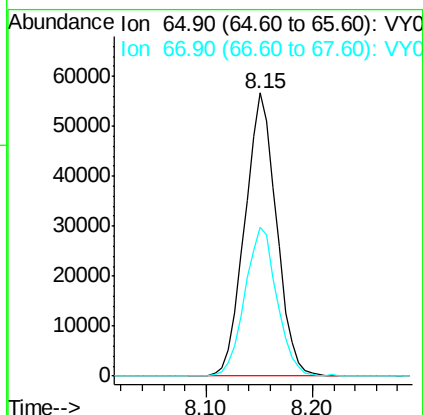
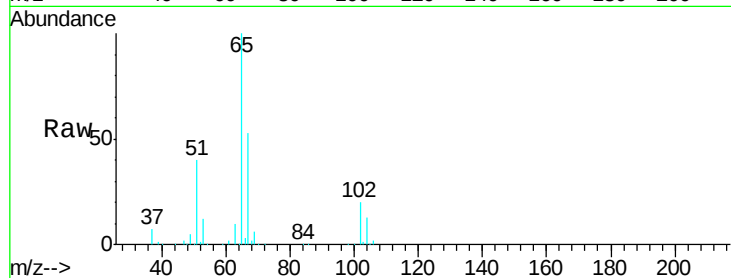




#33
 1,2-Dichloroethane-d4
 Concen: 59.996 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000706.D
 Acq: 15 Nov 2019 17:05

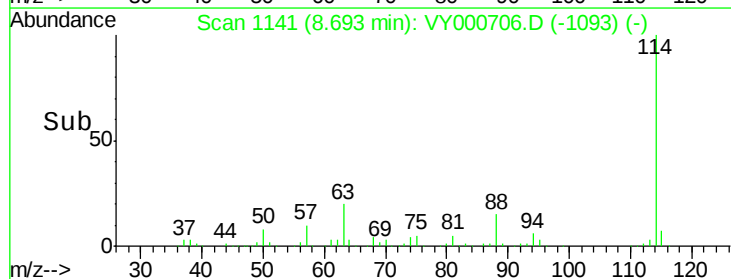
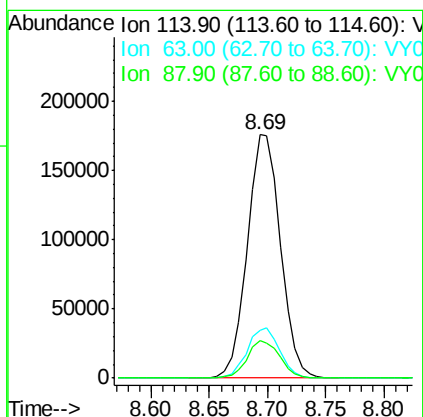
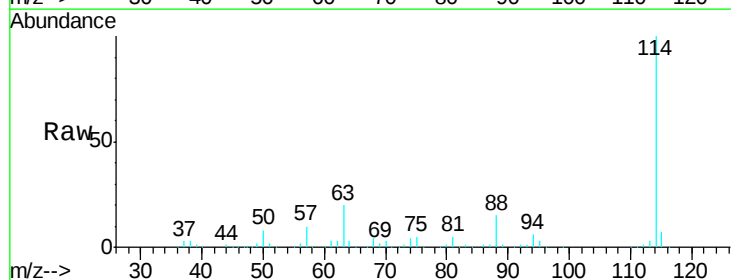
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-14

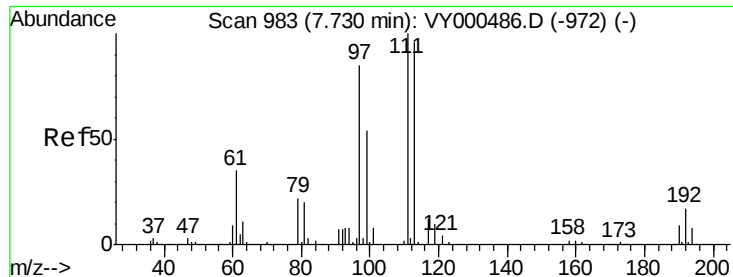
Tgt Ion: 65 Resp: 118578
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000706.D
 Acq: 15 Nov 2019 17:05

Tgt Ion: 114 Resp: 350426
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.3 0.0 28.6

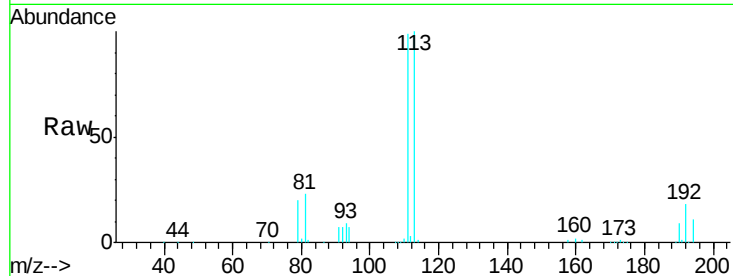




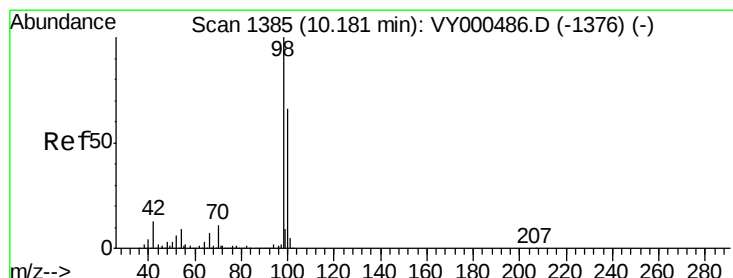
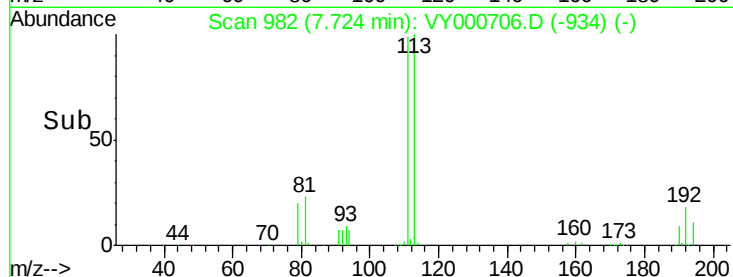
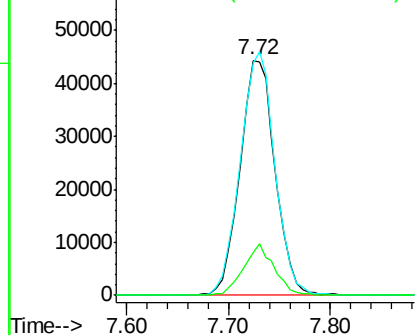
#35
Dibromofluoromethane
Concen: 51.536 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000706.D
Acq: 15 Nov 2019 17:05

Instrument :
MSVOA_Y
ClientSampled :
EP-14

Tgt Ion:113 Resp: 106022
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 19.1 15.0 22.4

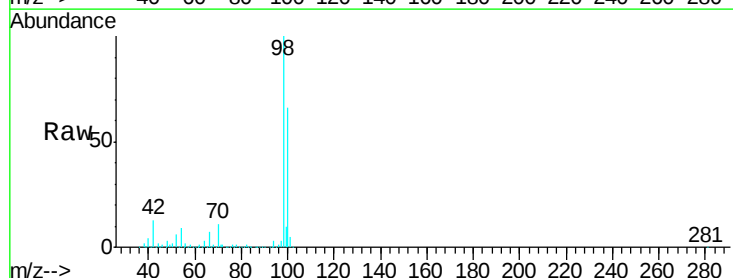


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

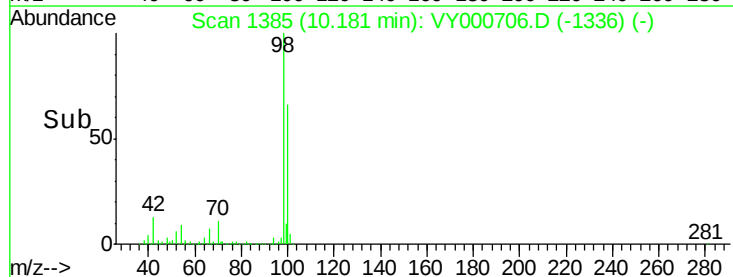
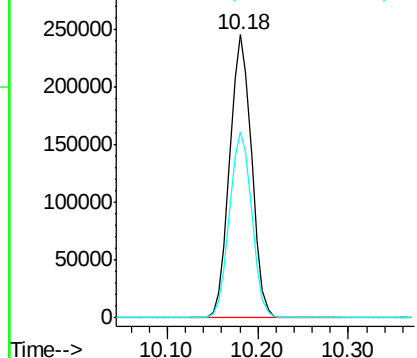


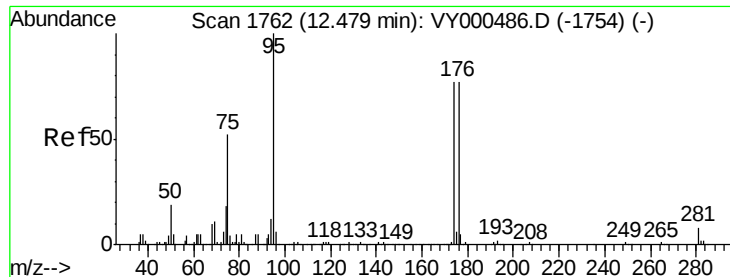
#50
Toluene-d8
Concen: 52.611 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000706.D
Acq: 15 Nov 2019 17:05

Tgt Ion: 98 Resp: 410684
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 49.530 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000706.D

Acq: 15 Nov 2019 17:05

Instrument :

MSVOA_Y

ClientSampled :

EP-14

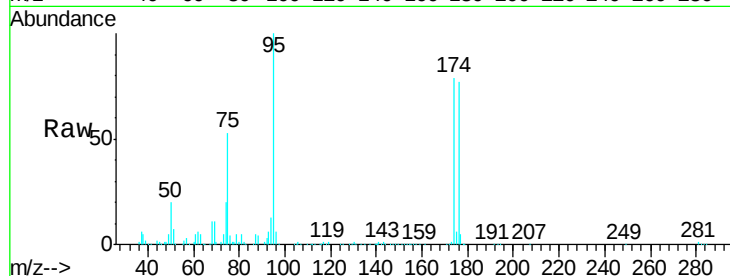
Tgt Ion: 95 Resp: 147191

Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.6

176 77.7 0.0 157.8



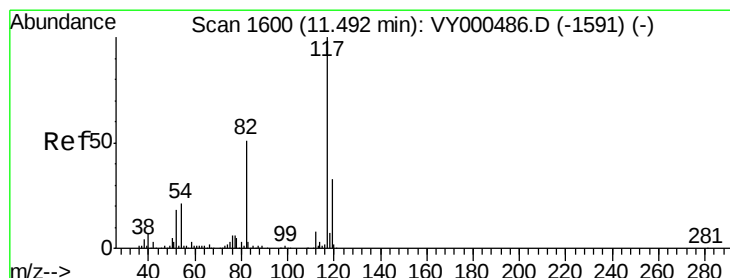
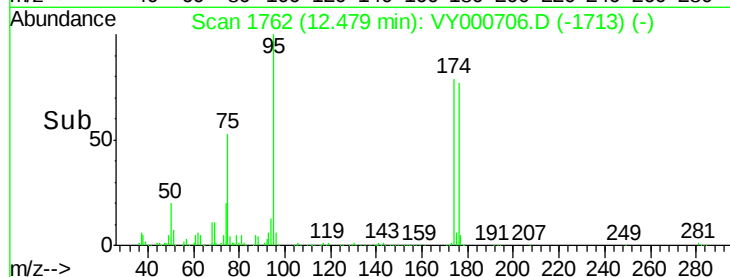
Abundance Ion 94.90 (94.60 to 95.60): VY000706.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000706.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000706.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000706.D

Acq: 15 Nov 2019 17:05

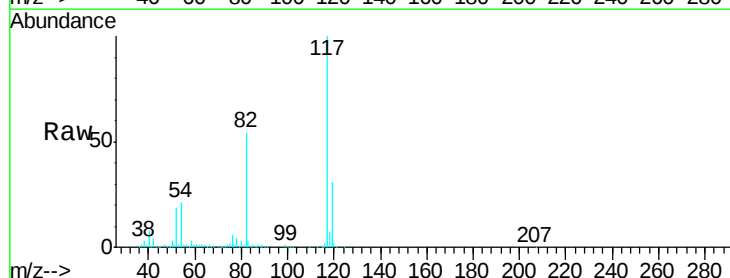
Tgt Ion: 117 Resp: 327040

Ion Ratio Lower Upper

117 100

82 53.6 40.8 61.2

119 30.6 26.2 39.2



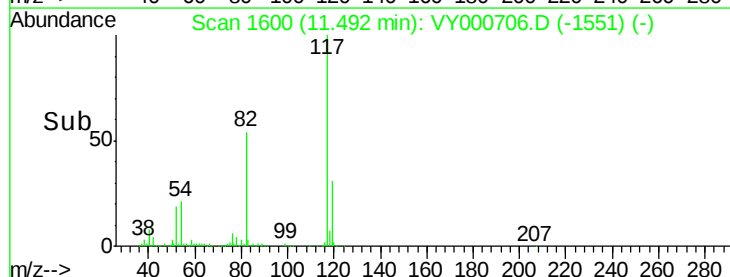
Abundance Ion 116.90 (116.60 to 117.60): VY000706.D (-1591) (-)

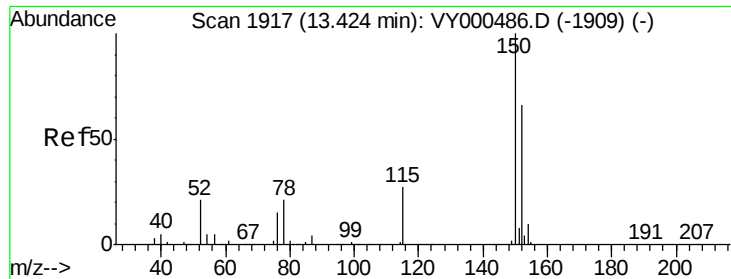
Ion 82.00 (81.70 to 82.70): VY000706.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000706.D (-1591) (-)

11.49

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000706.D

Acq: 15 Nov 2019 17:05

Instrument :

MSVOA_Y

ClientSampleId :

EP-14

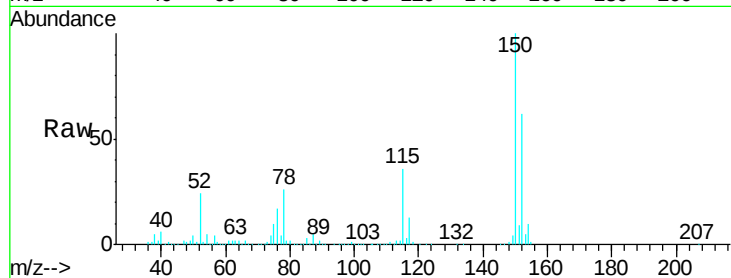
Tgt Ion:152 Resp: 156258

Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.4

150 157.8 0.0 348.8



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

