

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000724.D
 Acq On : 18 Nov 2019 14:13
 Operator : SY/MD
 Sample : K5861-20
 Misc : 5.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-17

Quant Time: Nov 18 15:13:02 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	20908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	31657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	23115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	9083	41.98	ug/l	0.00
Spiked Amount			Recovery	=	83.96%	
35) Dibromofluoromethane	7.73	113	7599	40.89	ug/l	0.00
Spiked Amount			Recovery	=	81.78%	
50) Toluene-d8	10.18	98	34815	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.48	95	10173	37.89	ug/l	0.00
Spiked Amount			Recovery	=	75.78%	

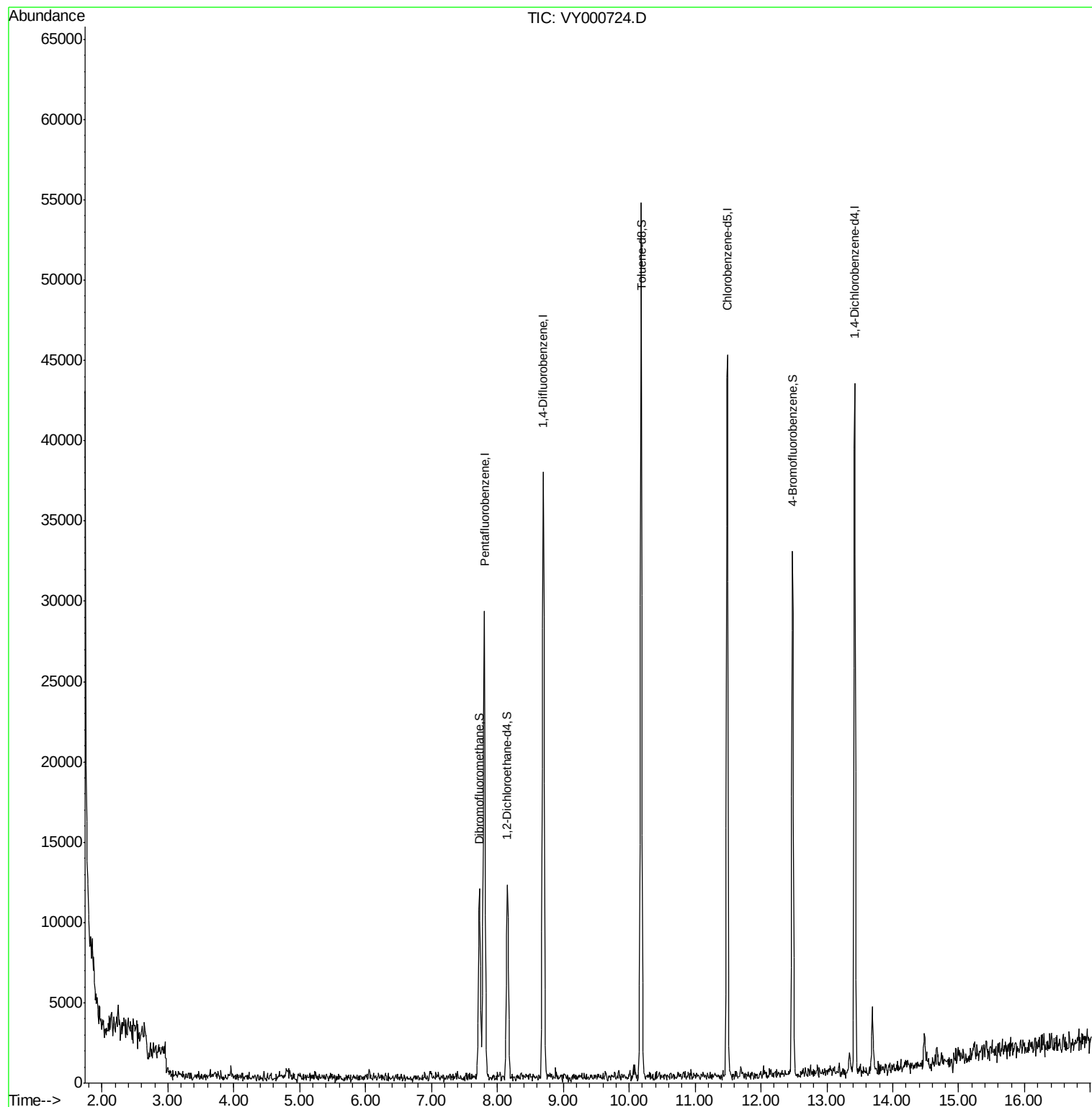
Target Compounds	Qvalue
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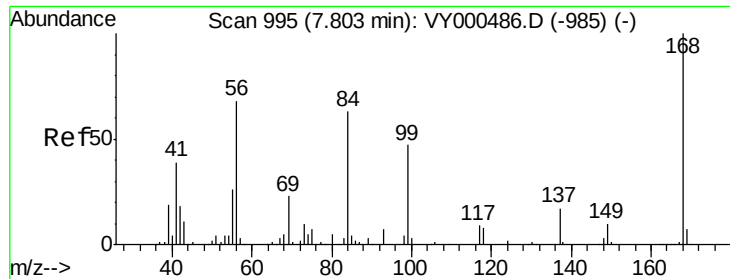
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000724.D

Acq: 18 Nov 2019 14:13

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MSVOA_Y

ClientSampleId :

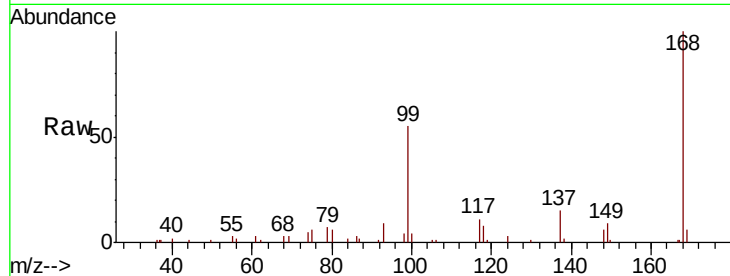
EP-17

Tot Ion:168 Resp: 20908

Ion Ratio Lower Upper

168 100

99 55.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000724.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000724.D (-946) (-)

7.80

10000

8000

6000

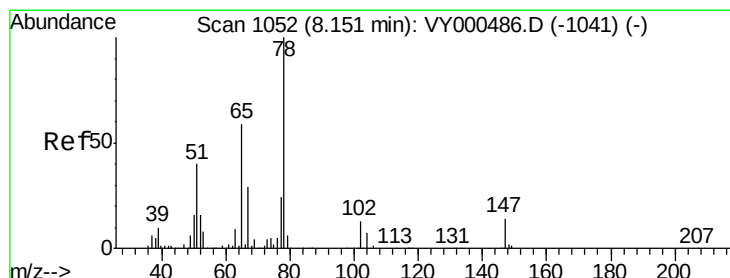
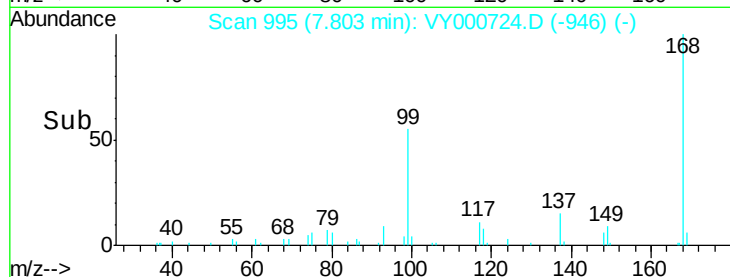
4000

2000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#33

1,2-Dichloroethane-d4

Concen: 41.979 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000724.D

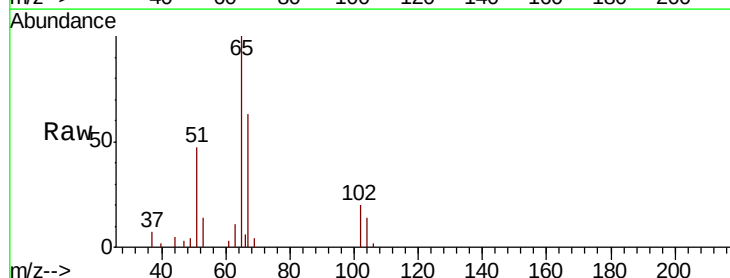
Acq: 18 Nov 2019 14:13

Tgt Ion: 65 Resp: 9083

Ion Ratio Lower Upper

65 100

67 58.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000724.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000724.D (-1003) (-)

8.15

4000

3000

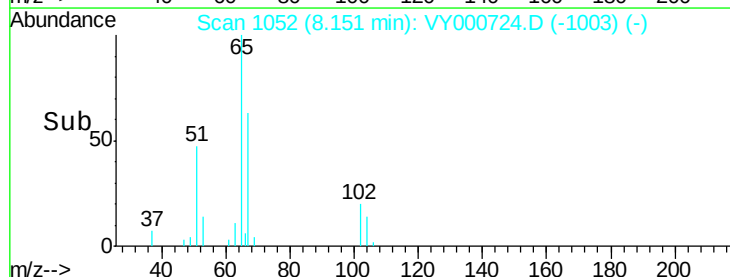
2000

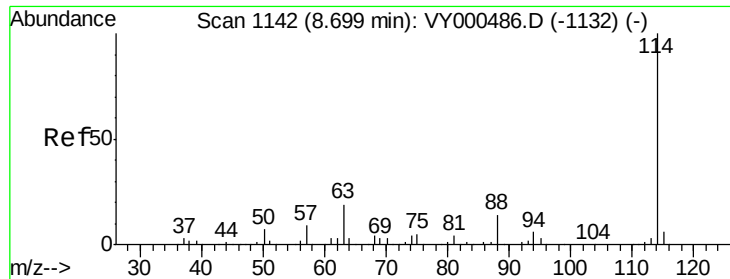
1000

0

Time-->

8.10 8.15 8.20

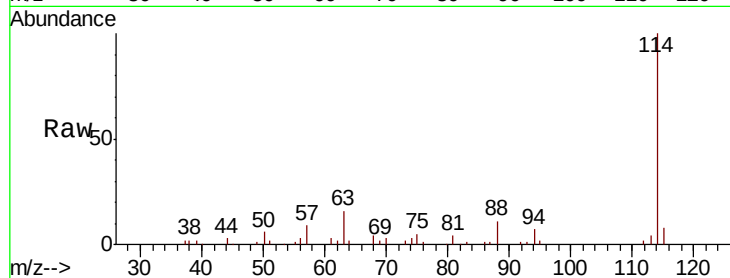




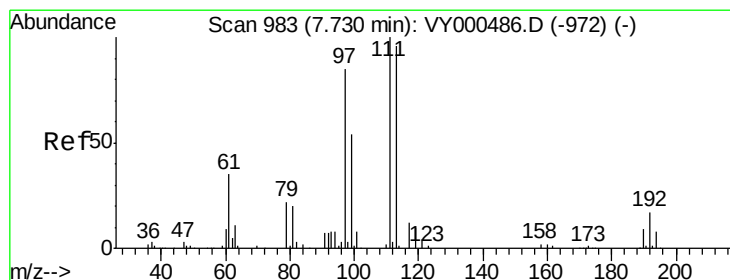
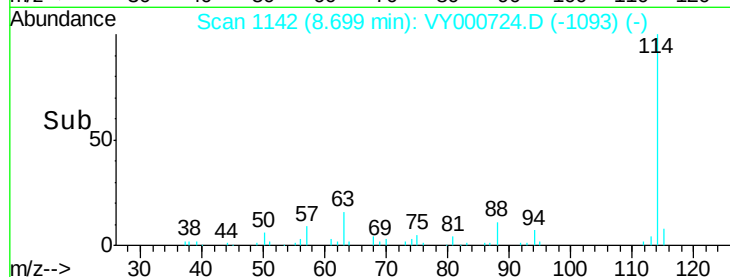
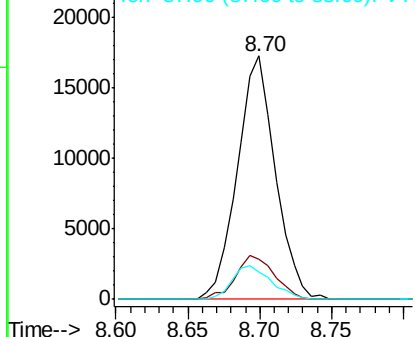
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-17

Tot Ion:114 Resp: 31657
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 38.0
 88 11.2 0.0 28.6

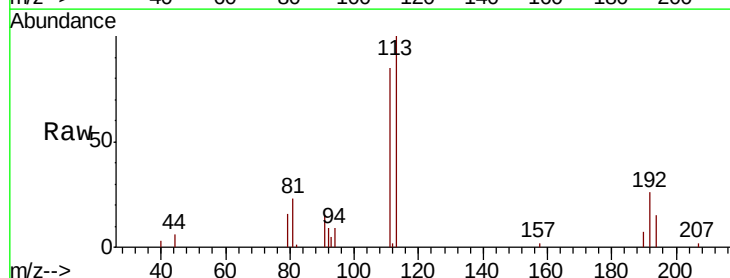


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

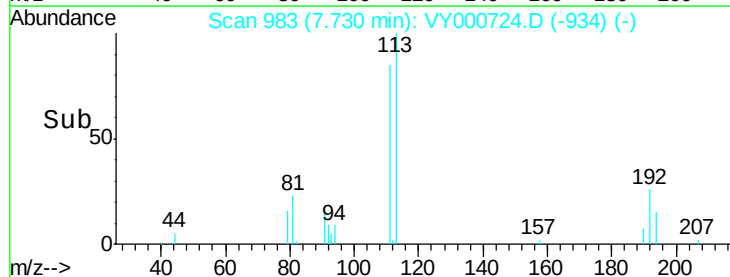
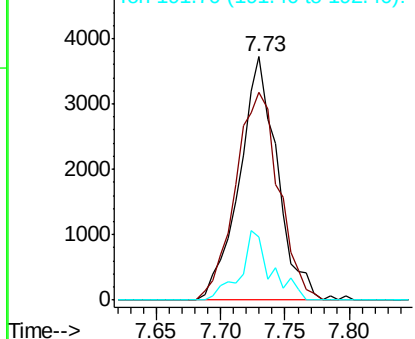


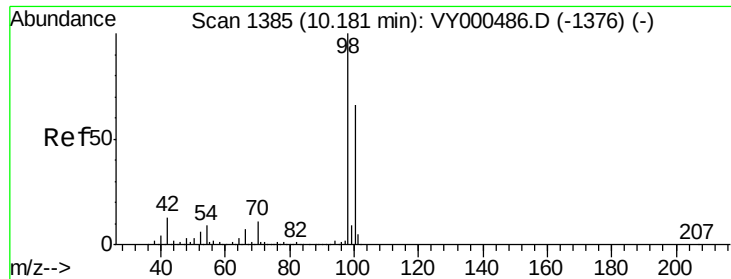
#35
 Dibromofluoromethane
 Concen: 40.888 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Tgt Ion:113 Resp: 7599
 Ion Ratio Lower Upper
 113 100
 111 98.0 81.7 122.5
 192 22.9 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: 49.370 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

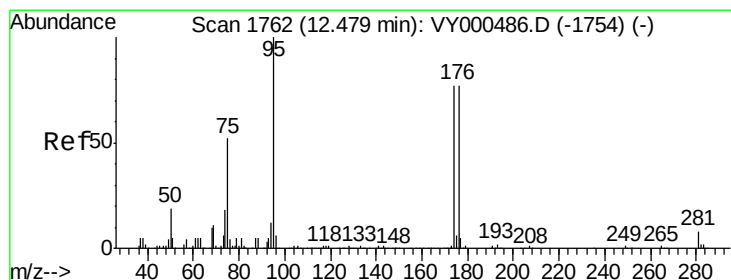
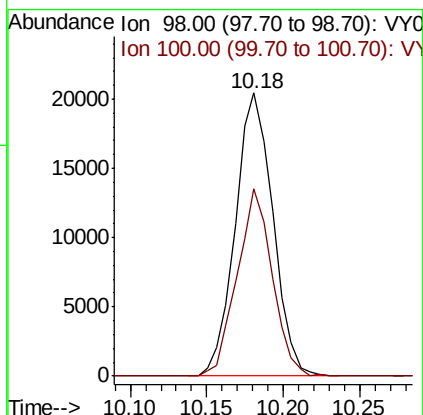
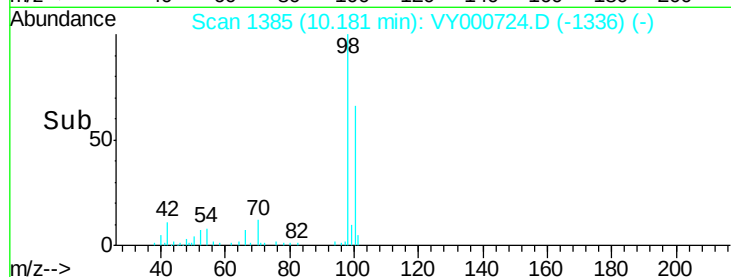
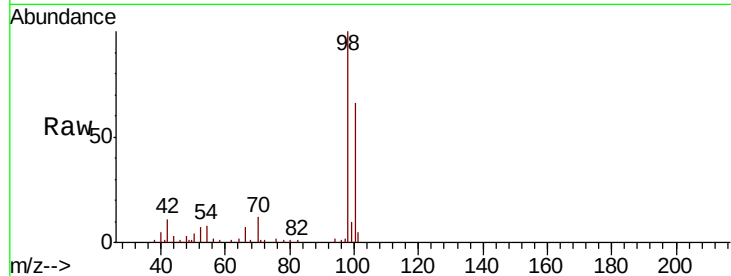
EP-17

Tot Ion: 98 Resp: 34815

Ion Ratio Lower Upper

98 100

100 61.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 37.894 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

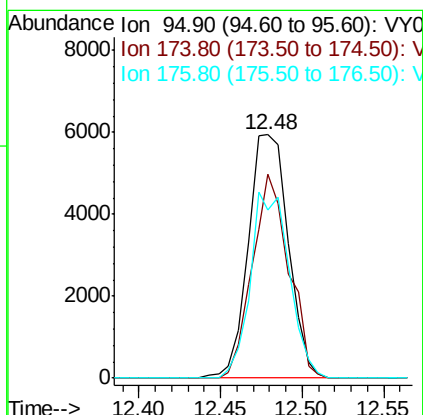
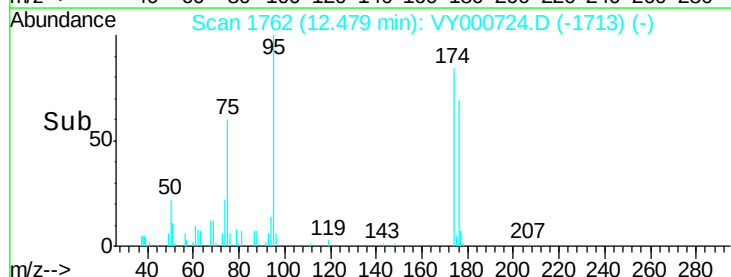
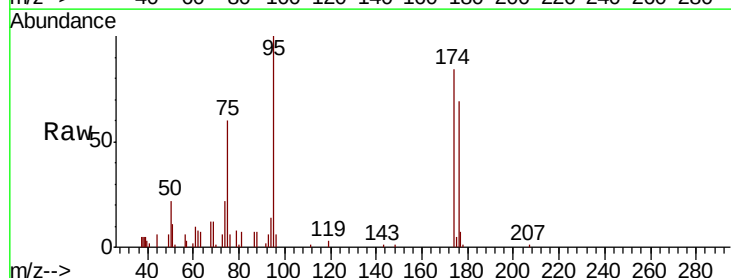
Tgt Ion: 95 Resp: 10173

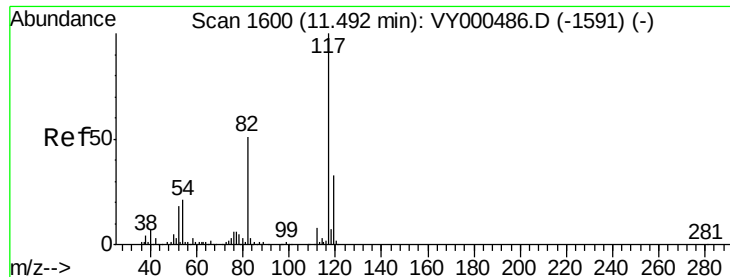
Ion Ratio Lower Upper

95 100

174 76.2 0.0 161.6

176 73.5 0.0 157.8

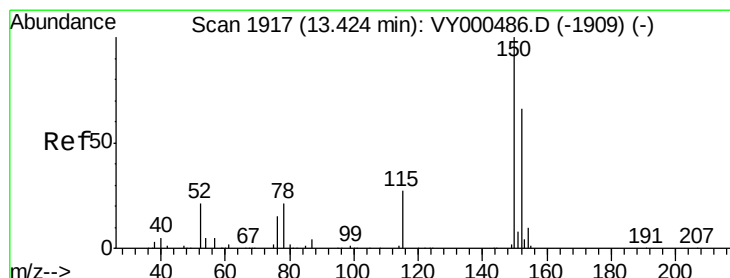
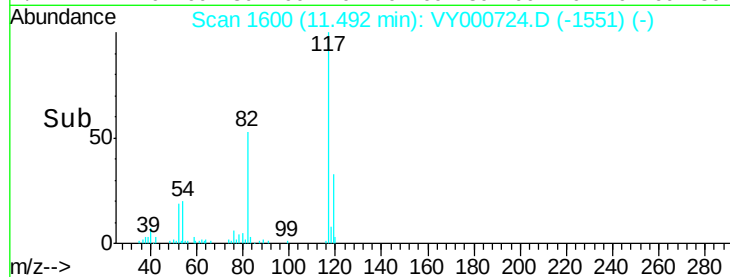
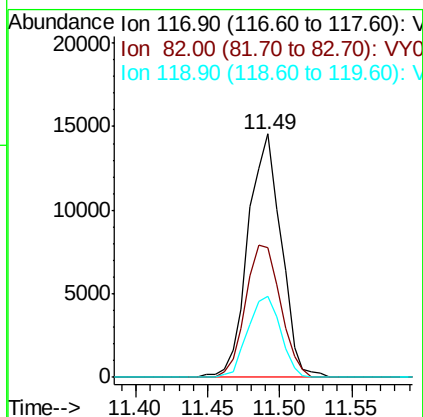
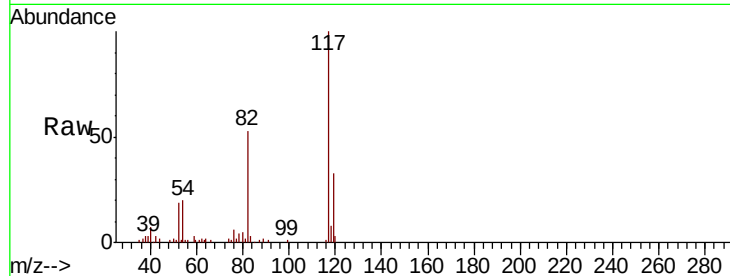




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Instrument :
MSVOA_Y
ClientSampleId :
EP-17

Tot Ion:117 Resp: 23115
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 33.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Tgt Ion:152 Resp: 9825
Ion Ratio Lower Upper
152 100
115 60.2 29.1 87.4
150 153.5 0.0 348.8

