

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000723.D
 Acq On : 18 Nov 2019 13:50
 Operator : SY/MD
 Sample : K5861-19
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-16

Quant Time: Nov 18 14:19:02 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	89493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	144029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	116076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	51187	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	43938	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
35) Dibromofluoromethane	7.73	113	40038	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	10.18	98	158934	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.48	95	49354	40.41	ug/l	0.00
Spiked Amount			Recovery	=	80.82%	

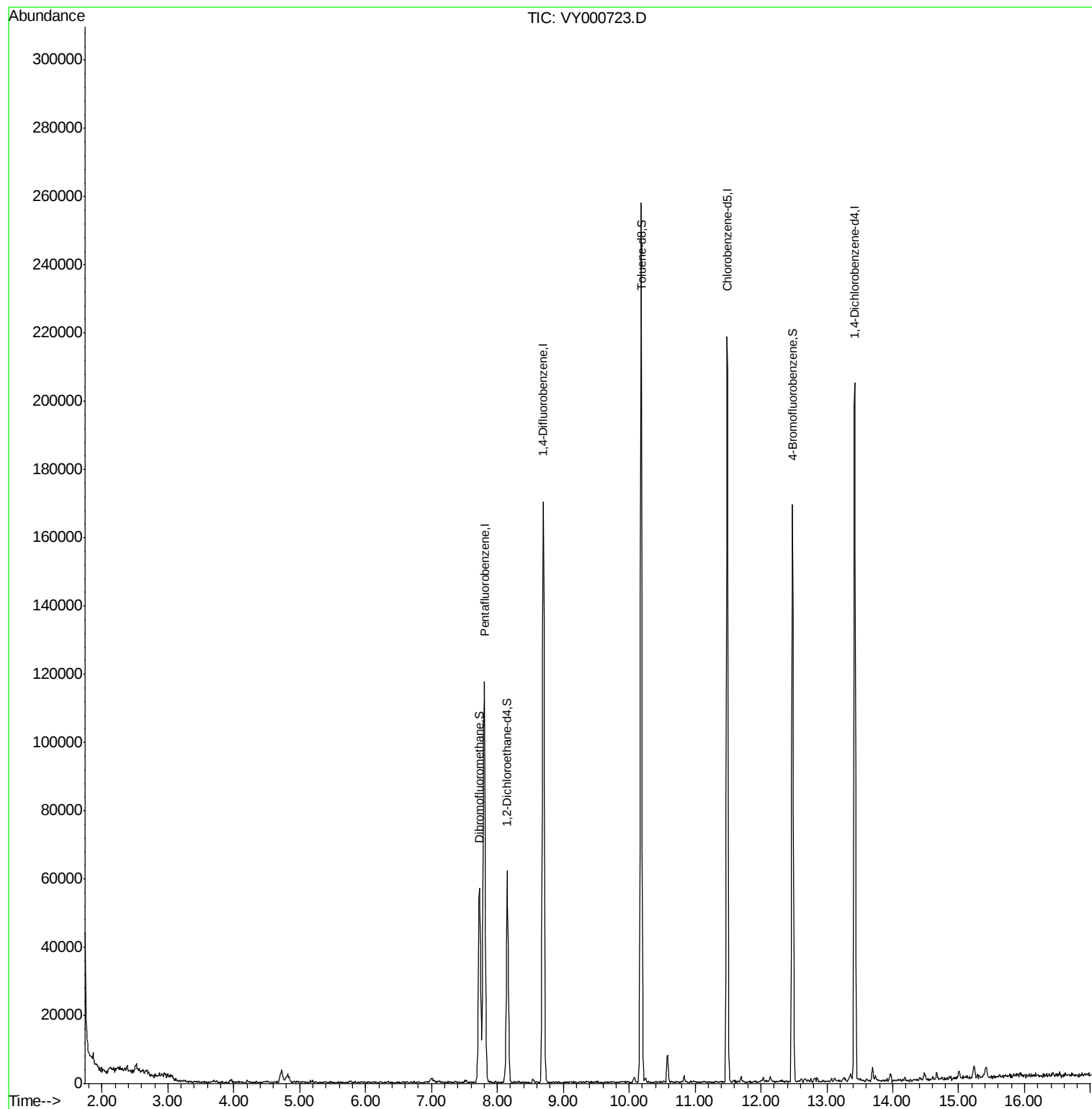
Target Compounds	Qvalue

(#) = 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: VY000723.D

Acq: 18 Nov 2019 13:50

Instrument :

MSVOA_Y

ClientSampled :

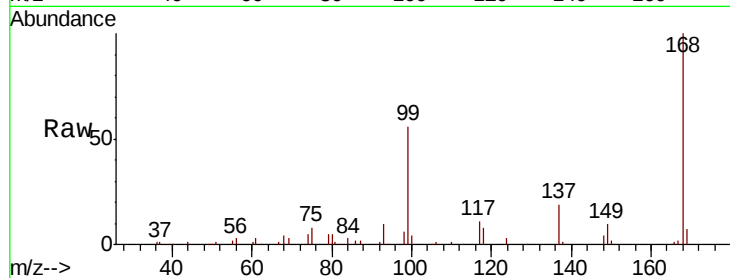
EP-16

Tot Ion:168 Resp: 89493

Ion Ratio Lower Upper

168 100

99 56.3 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

40000

30000

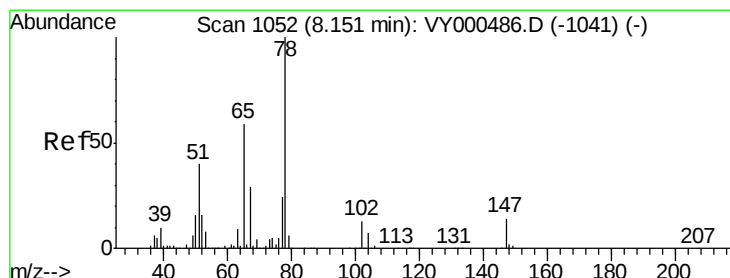
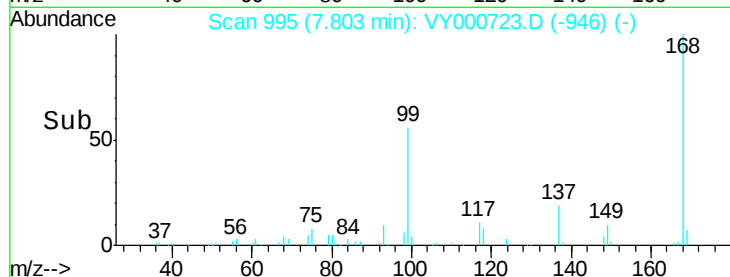
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 47.442 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000723.D

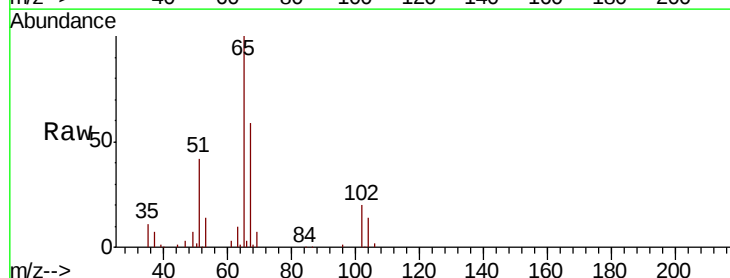
Acq: 18 Nov 2019 13:50

Tgt Ion: 65 Resp: 43938

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

20000

15000

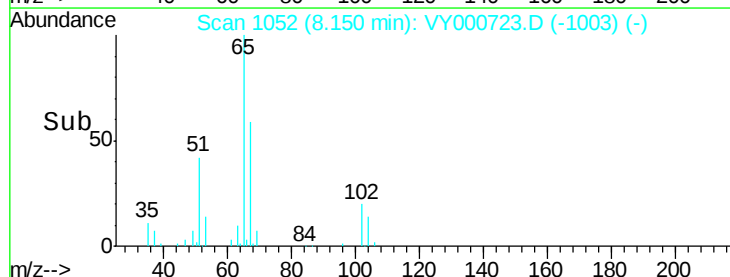
10000

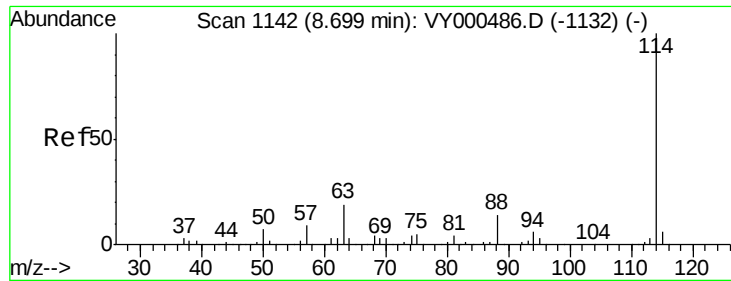
5000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000723.D

Acq: 18 Nov 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

EP-16

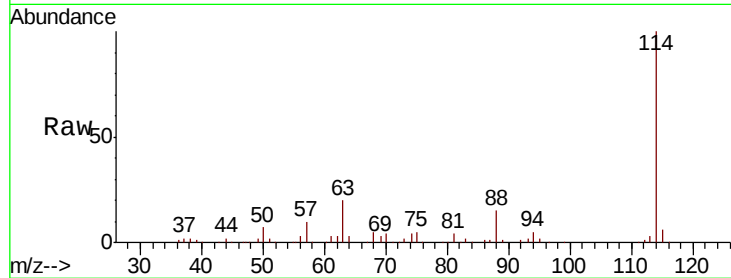
Tot Ion:114 Resp: 144029

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

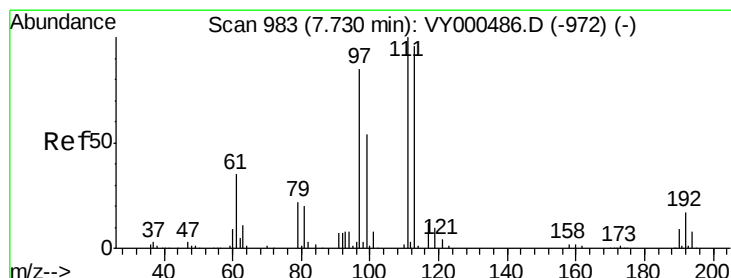
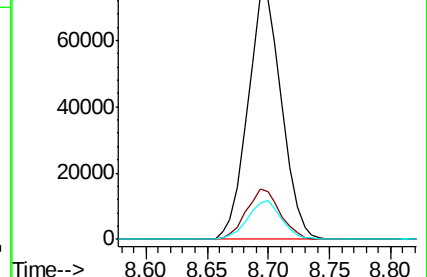
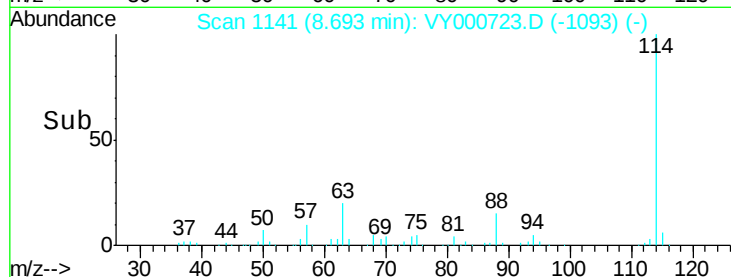
88 15.0 0.0 28.6



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: 47.352 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000723.D

Acq: 18 Nov 2019 13:50

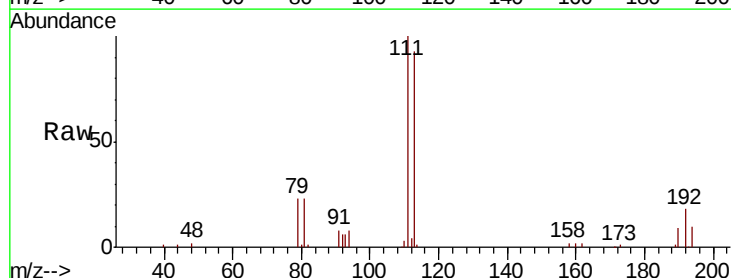
Tgt Ion:113 Resp: 40038

Ion Ratio Lower Upper

113 100

111 104.7 81.7 122.5

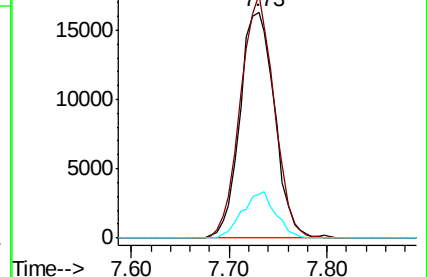
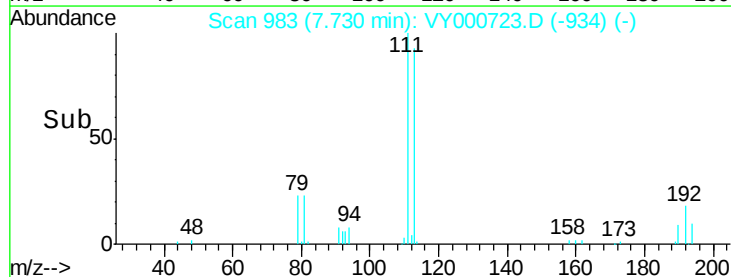
192 19.6 15.0 22.4

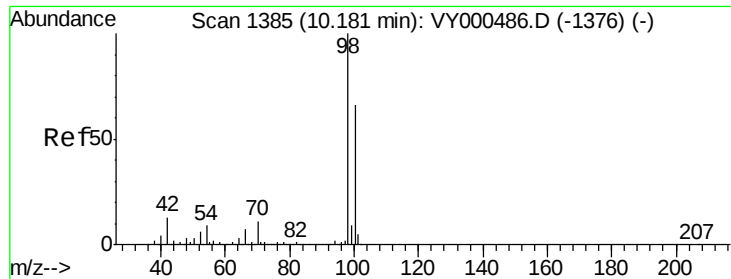


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.537 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000723.D

Acq: 18 Nov 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

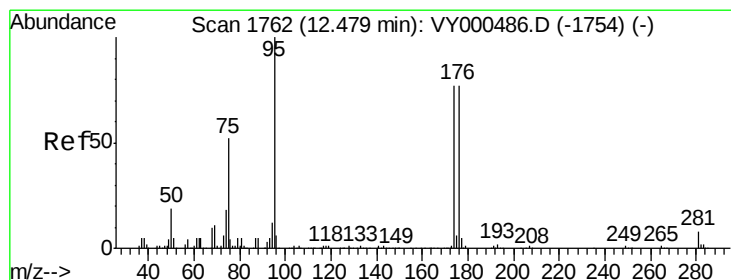
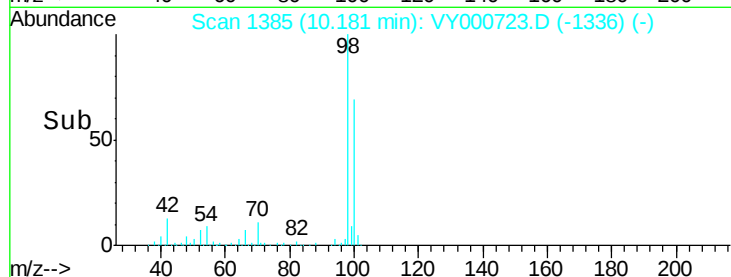
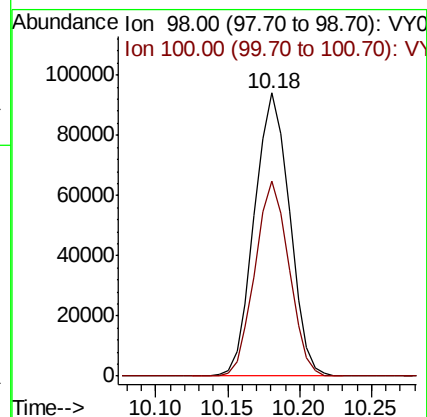
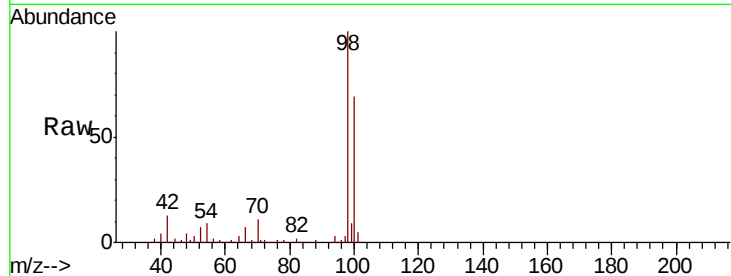
EP-16

Tot Ion: 98 Resp: 158934

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.407 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000723.D

Acq: 18 Nov 2019 13:50

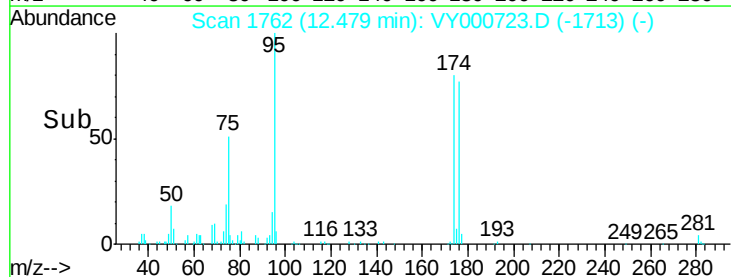
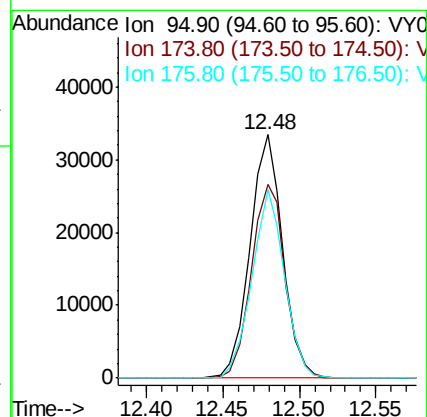
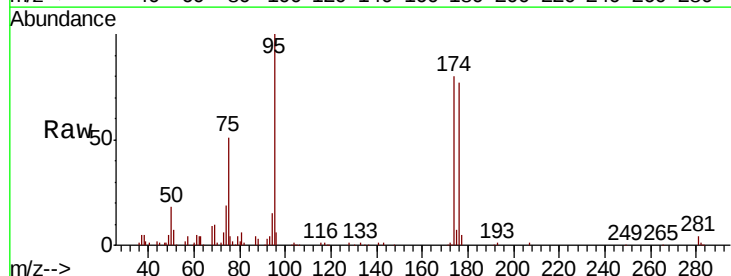
Tgt Ion: 95 Resp: 49354

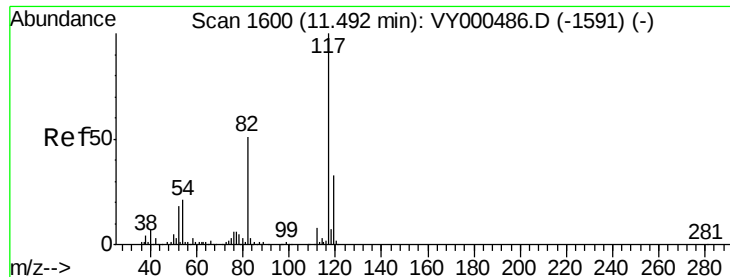
Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 77.4 0.0 157.8

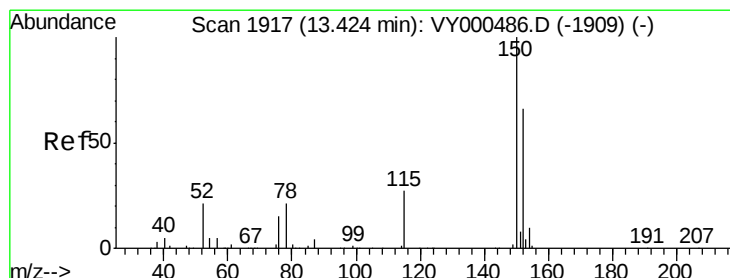
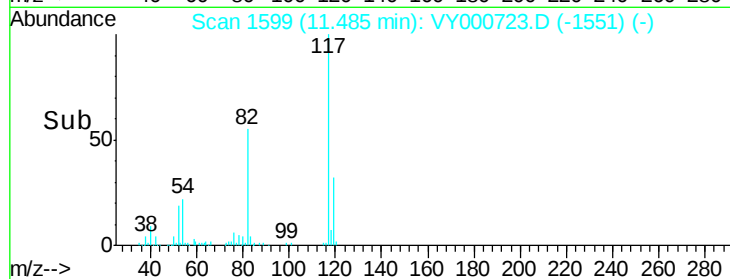
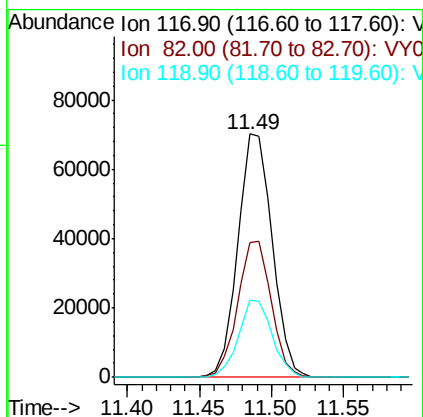
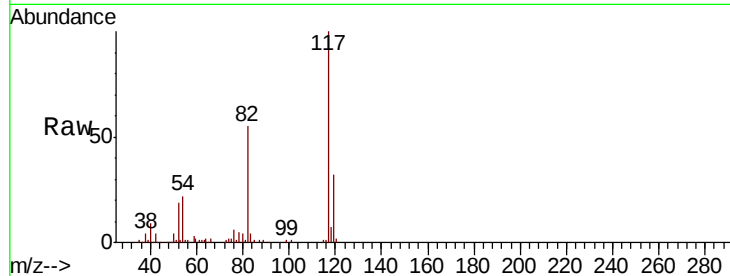




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000723.D
Acq: 18 Nov 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-16

Tot Ion:117 Resp: 116076
Ion Ratio Lower Upper
117 100
82 55.3 40.8 61.2
119 31.9 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: VY000723.D
Acq: 18 Nov 2019 13:50

Tgt Ion:152 Resp: 51187
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 154.7 0.0 348.8

