

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
 Data File : VY000741.D
 Acq On : 19 Nov 2019 13:25
 Operator : SY/MD
 Sample : K5908-02RE
 Misc : 6.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-1-(6-12)RE

Quant Time: Nov 19 15:46:17 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	177922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	331619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	121030	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	113188	61.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.94%	
35) Dibromofluoromethane	7.73	113	101724	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.18	98	382261	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.48	95	122442	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	

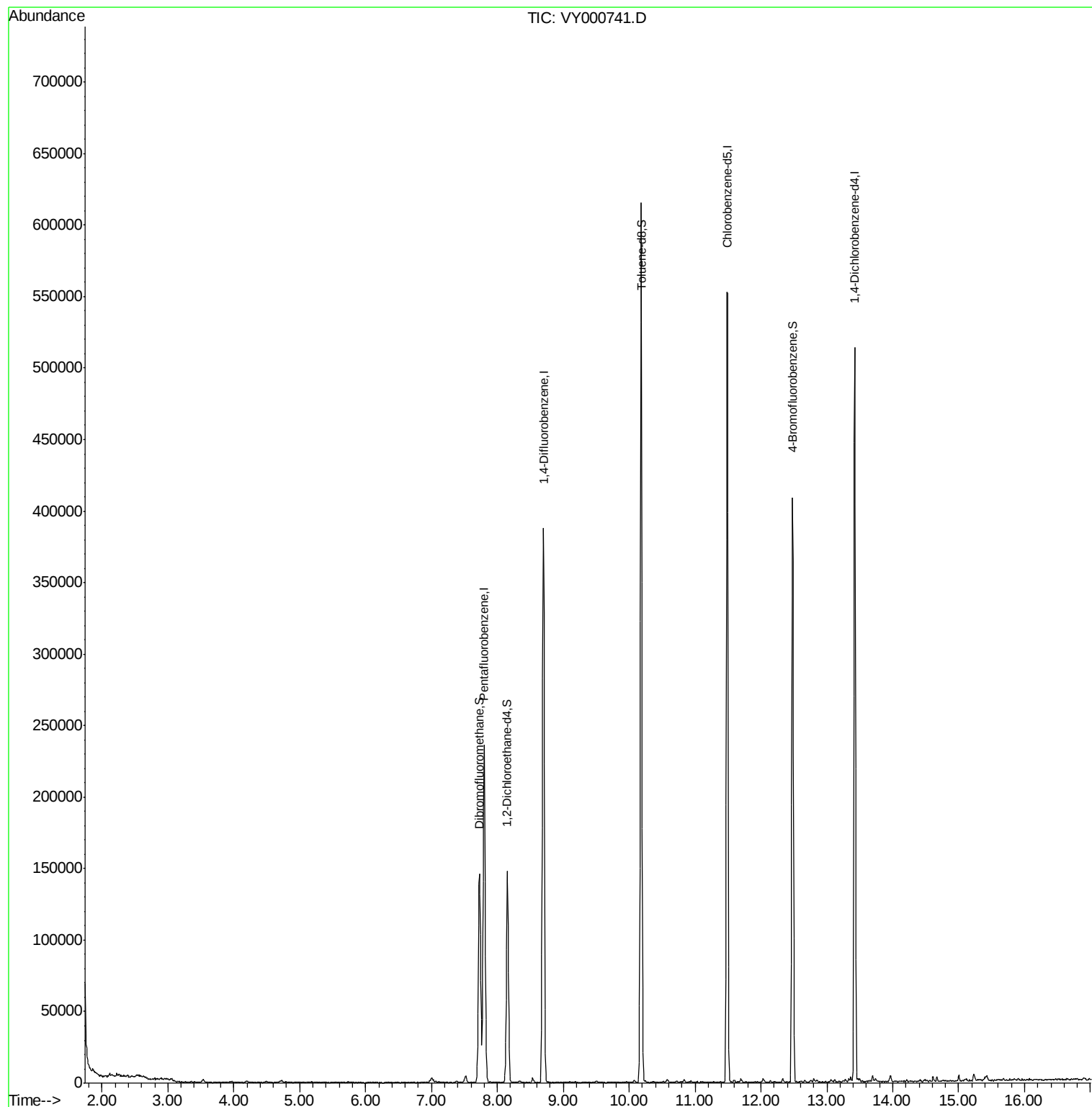
Target Compounds	Qvalue

(#) = 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: VY000741.D

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MSVOA_Y

ClientSampleId :

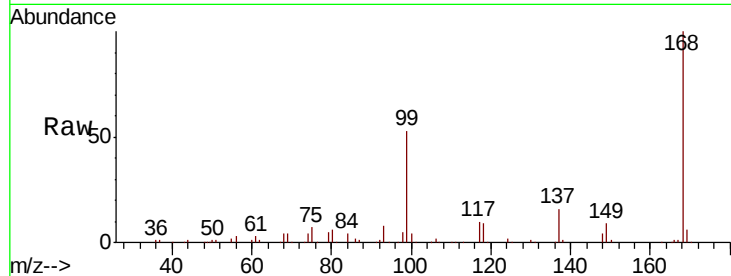
B-8-1-(6-12)RE

Tot Ion:168 Resp: 177922

Ion Ratio Lower Upper

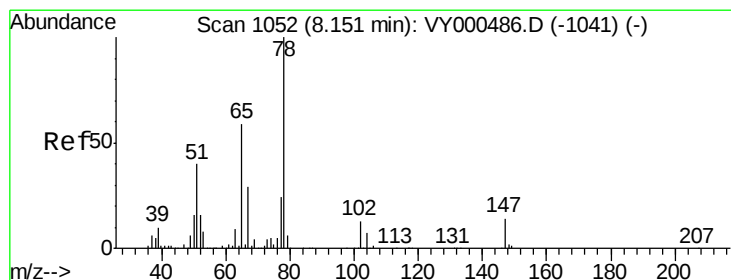
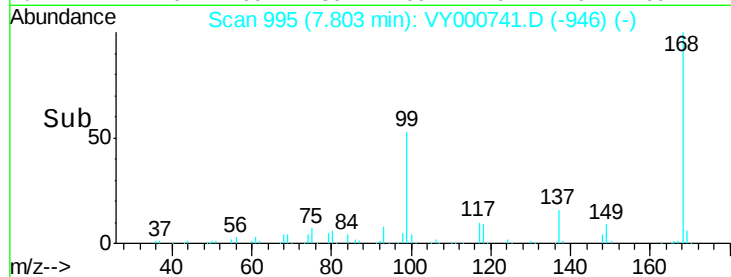
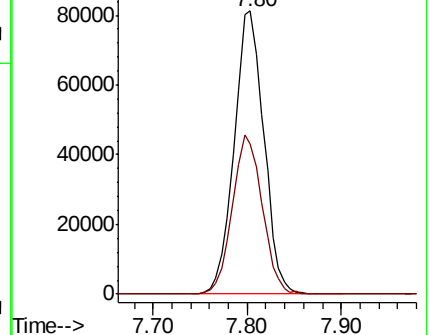
168 100

99 52.9 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.473 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000741.D

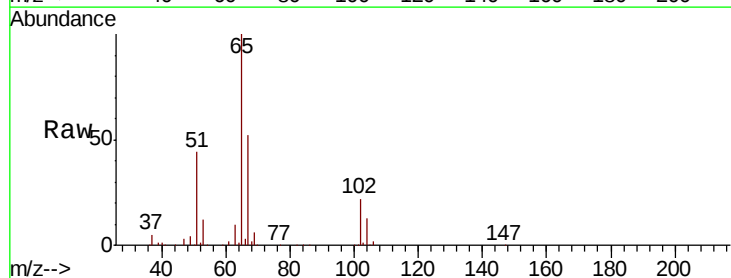
Acq: 19 Nov 2019 13:25

Tgt Ion: 65 Resp: 113188

Ion Ratio Lower Upper

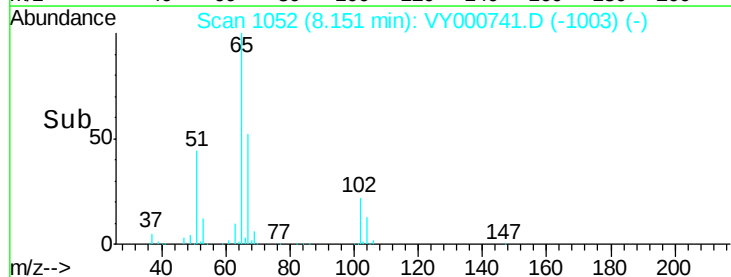
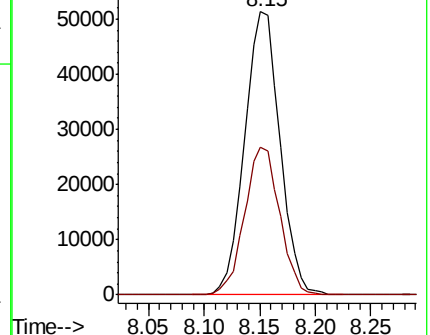
65 100

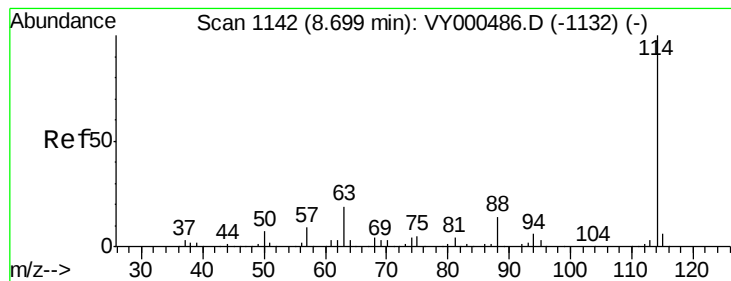
67 51.8 0.0 107.2



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

B-8-1-(6-12)RE

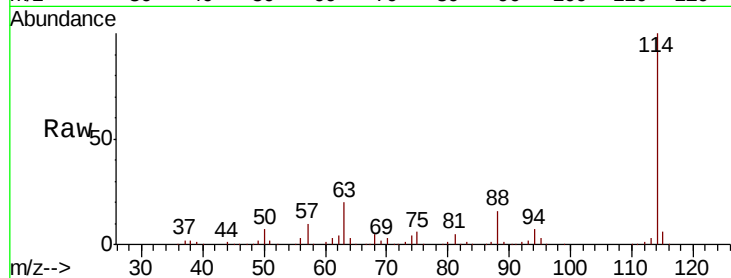
Tot Ion:114 Resp: 331619

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

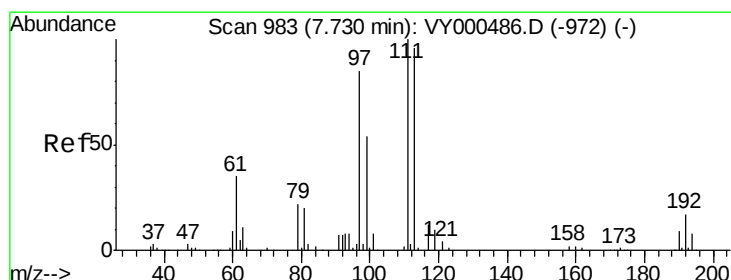
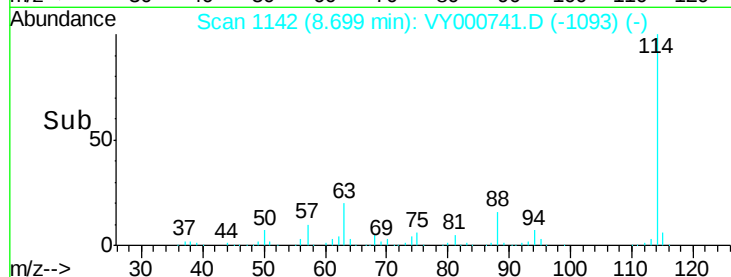
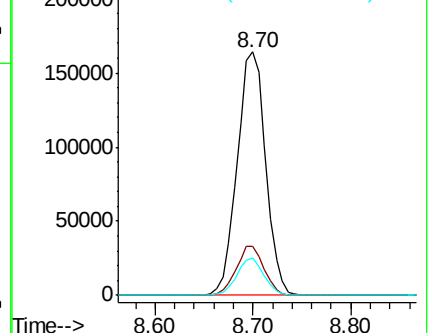
88 15.5 0.0 28.6



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: 52.251 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

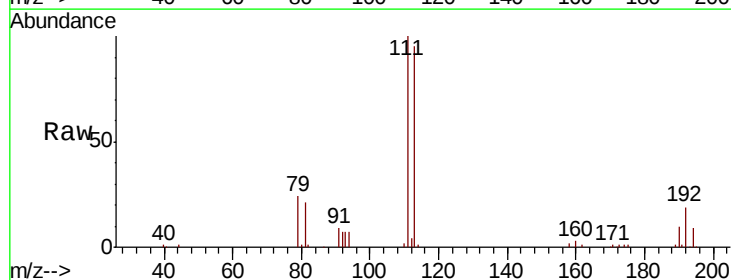
Tgt Ion:113 Resp: 101724

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

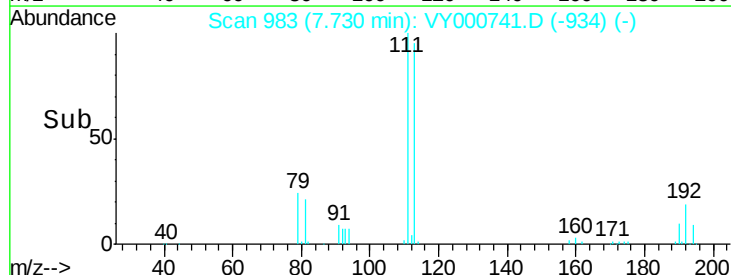
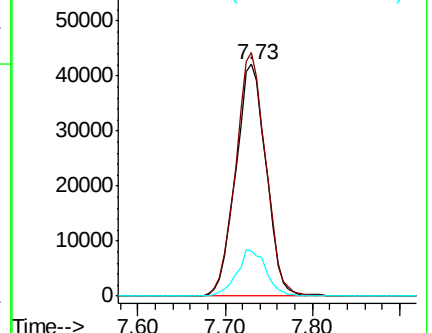
192 19.1 15.0 22.4

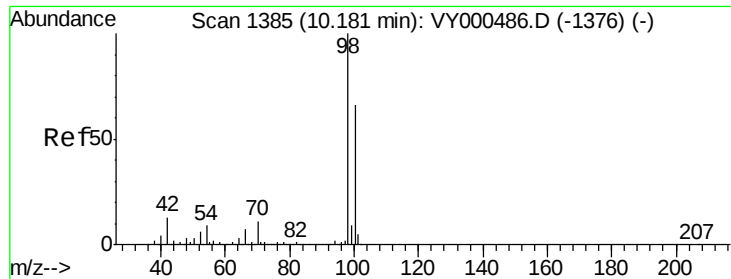


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.747 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

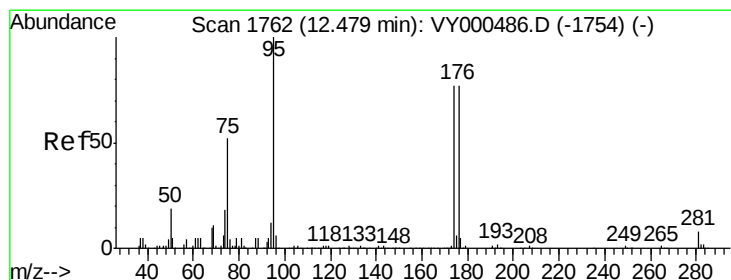
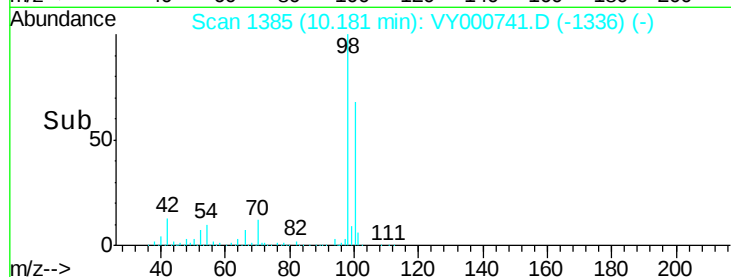
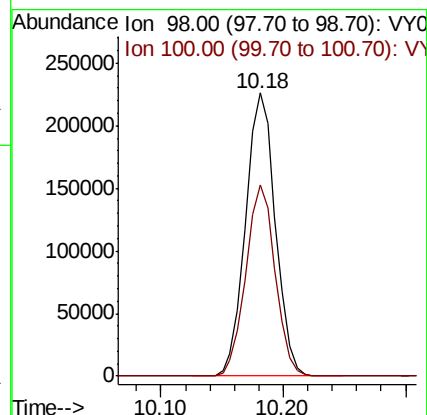
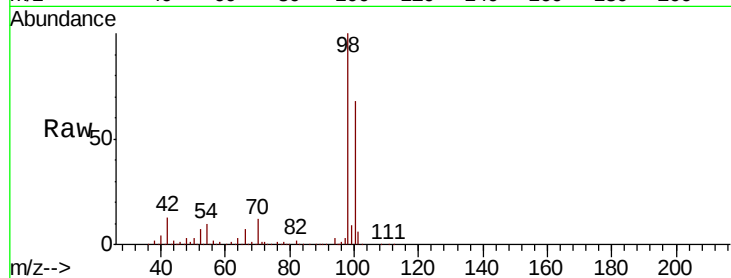
B-8-1-(6-12)RE

Tot Ion: 98 Resp: 382261

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.539 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

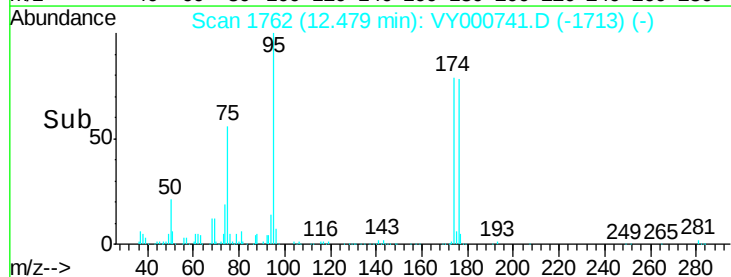
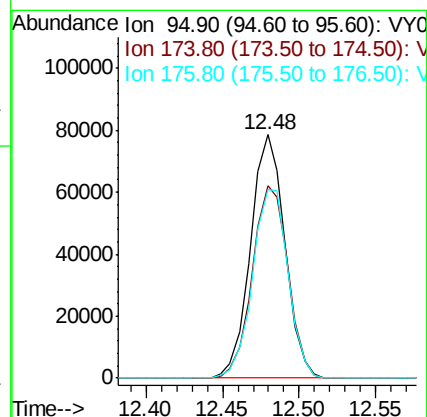
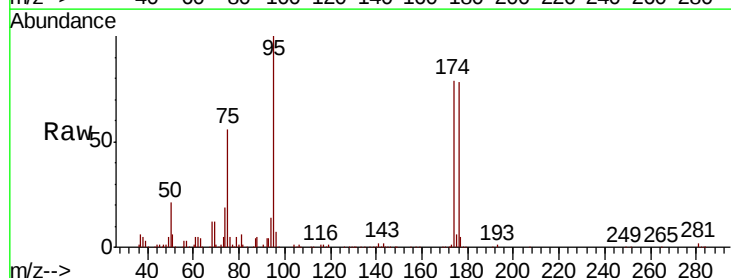
Tgt Ion: 95 Resp: 122442

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

176 80.5 0.0 157.8

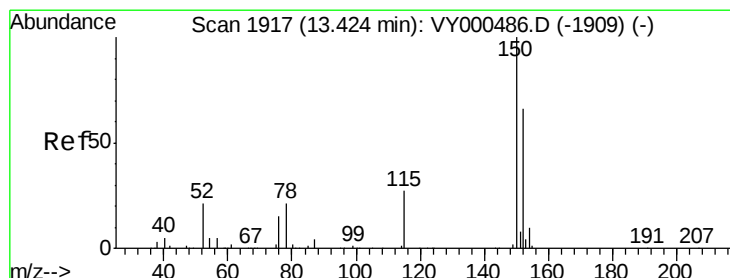
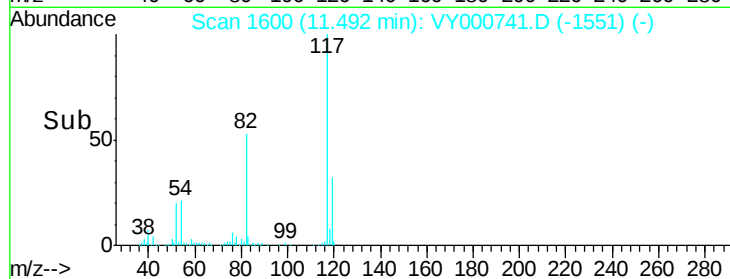
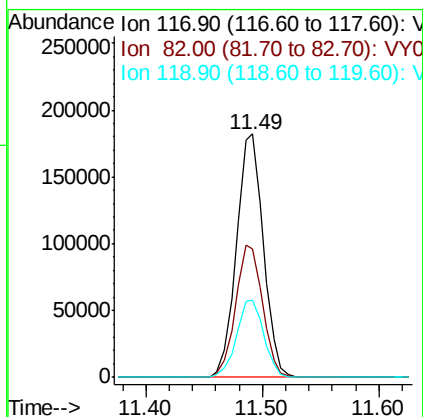
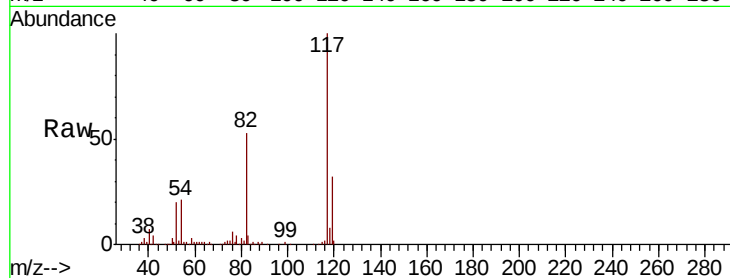




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000741.D
Acq: 19 Nov 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
B-8-1-(6-12)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.8	61.2
119	31.6	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: VY000741.D
Acq: 19 Nov 2019 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.1	87.4
150	157.5	0.0	348.8

