

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000734.D
 Acq On : 18 Nov 2019 17:55
 Operator : SY/MD
 Sample : K5908-04
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-3-(6-12)

Quant Time: Nov 18 18:17:25 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	170686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	321359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130979	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	107502	60.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.72%	
35) Dibromofluoromethane	7.73	113	97405	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	10.18	98	375967	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.48	95	127521	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	

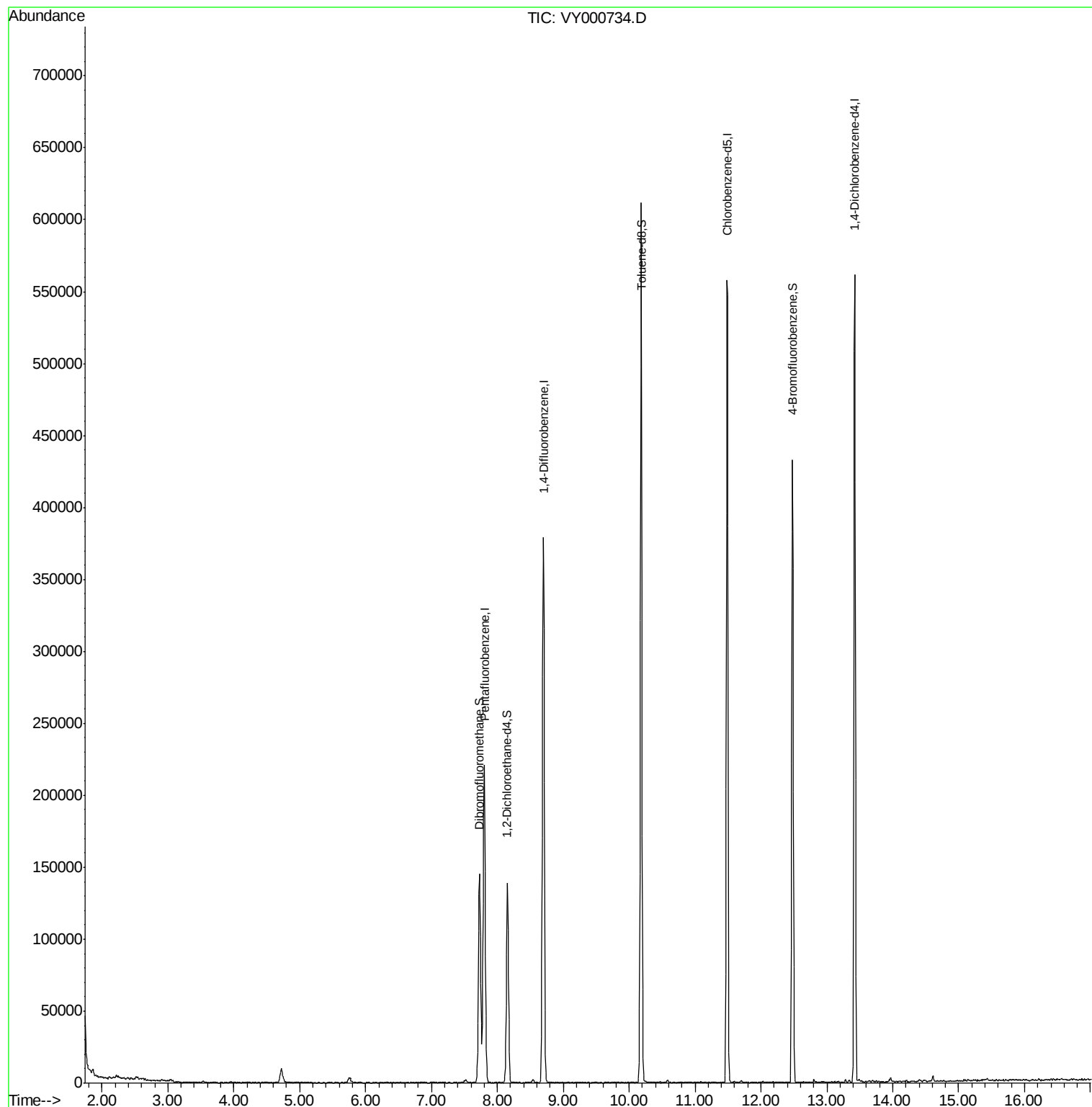
Target Compounds	Qvalue
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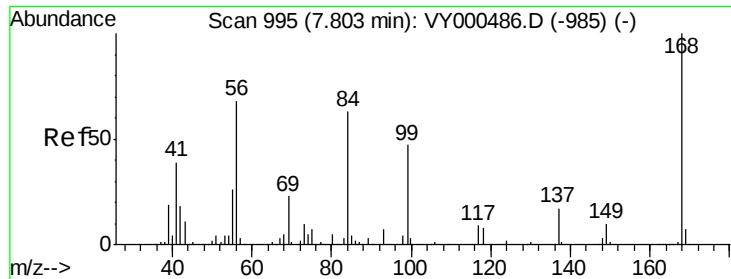
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

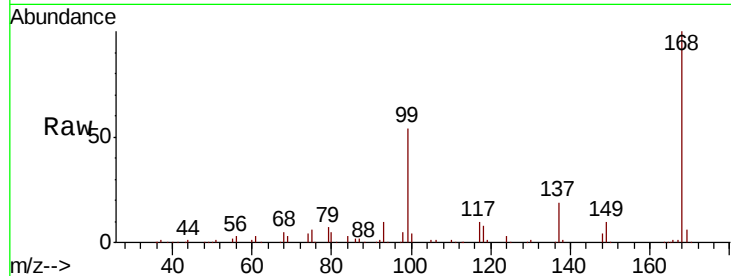
B-8-3-(6-12)

Tot Ion:168 Resp: 170686

Ion Ratio Lower Upper

168 100

99 53.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000734.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000734.D (-946) (-)

7.80

80000

60000

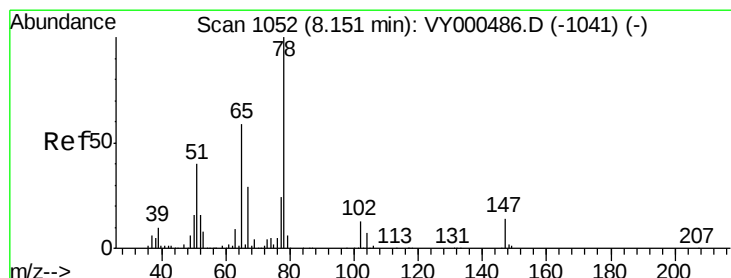
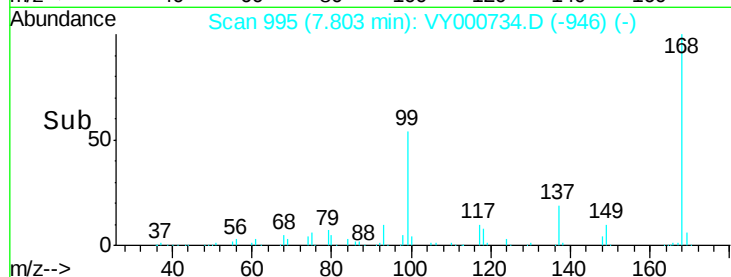
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 60.860 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000734.D

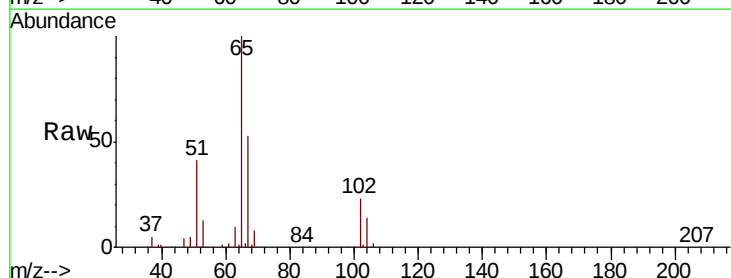
Acq: 18 Nov 2019 17:55

Tgt Ion: 65 Resp: 107502

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000734.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000734.D (-1003) (-)

8.15

50000

40000

30000

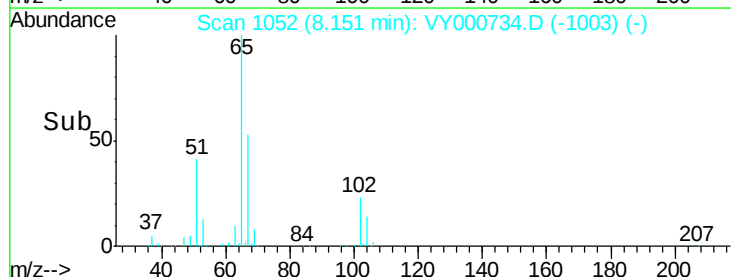
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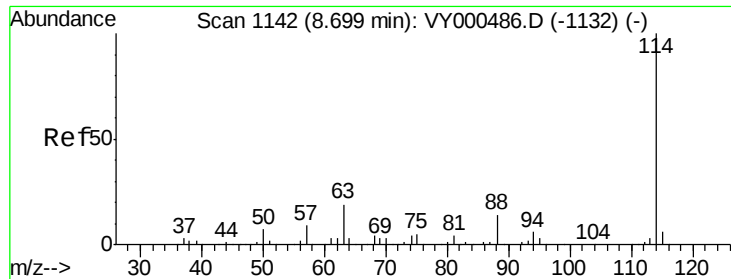
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0

Time-->

8.05 8.10 8.15 8.20 8.25

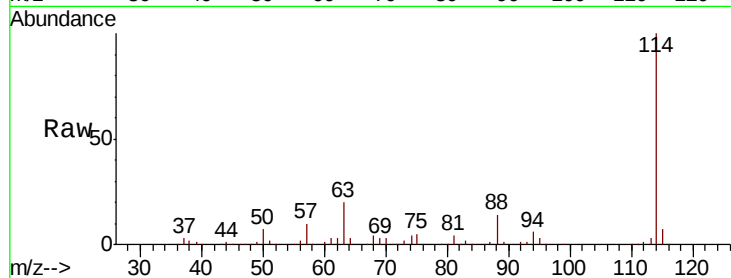




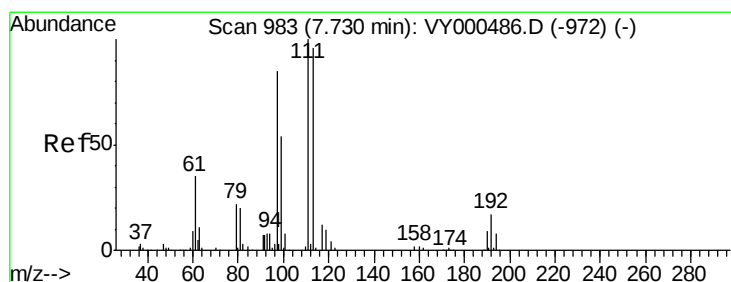
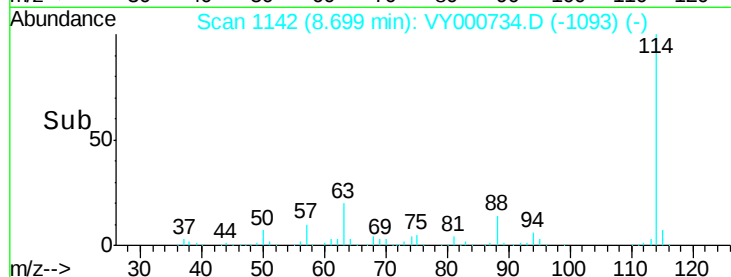
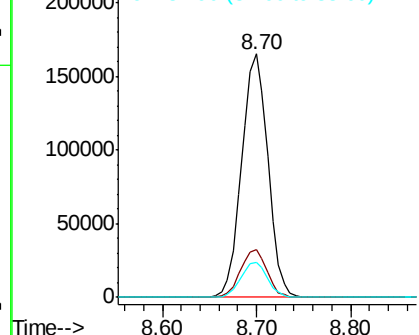
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :
B-8-3-(6-12)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.0
88	14.2	0.0	28.6

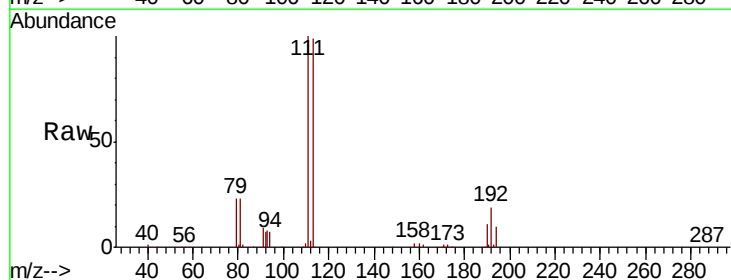


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

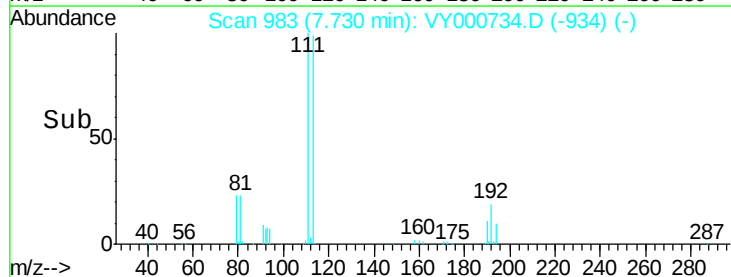
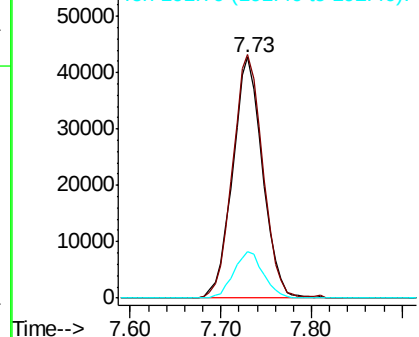


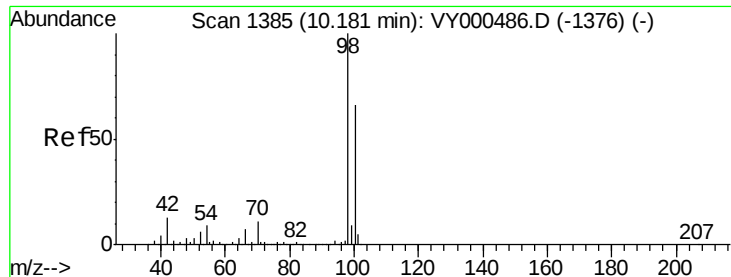
#35
Dibromofluoromethane
Concen: 51.630 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	19.2	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: 52.520 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

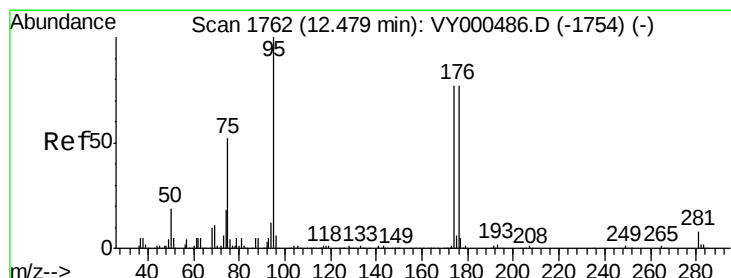
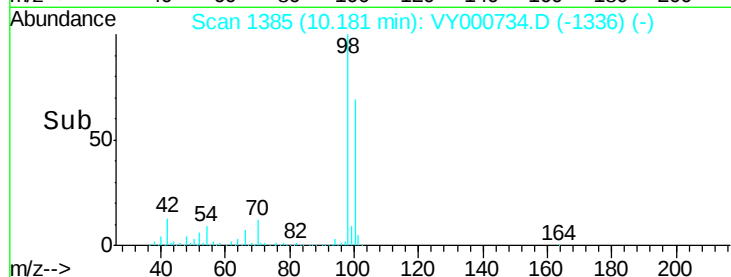
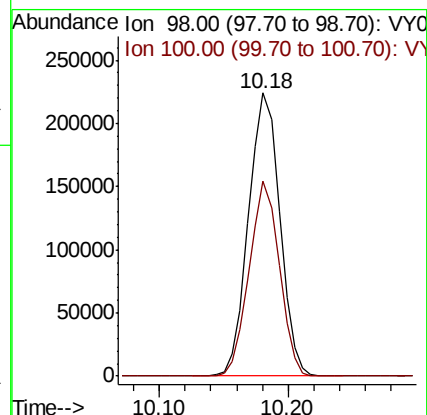
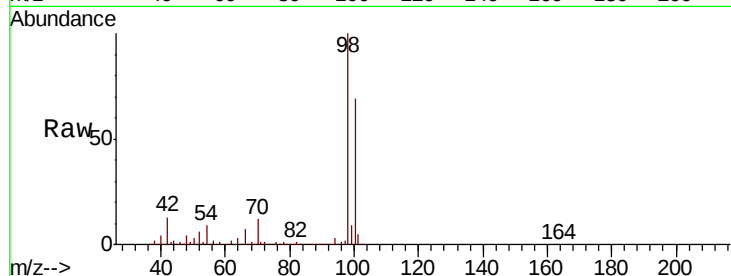
B-8-3-(6-12)

Tot Ion: 98 Resp: 375967

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.793 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

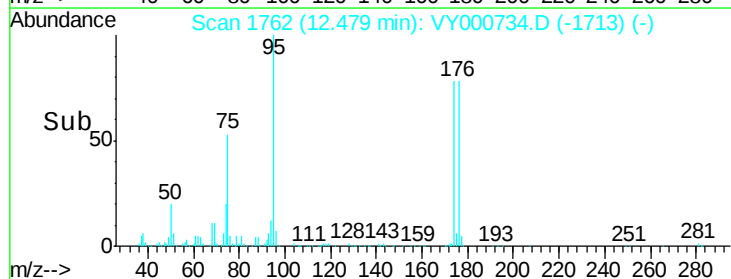
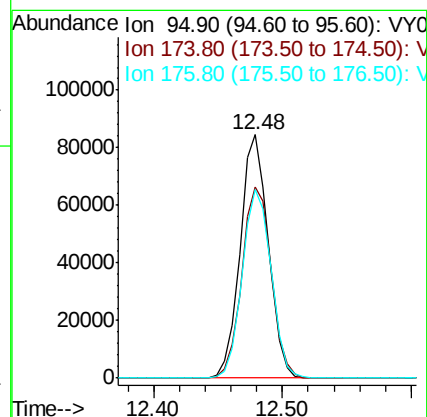
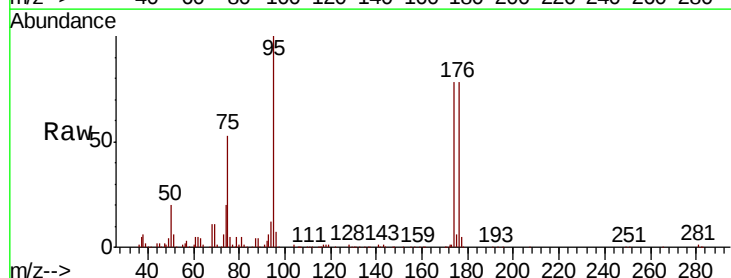
Tgt Ion: 95 Resp: 127521

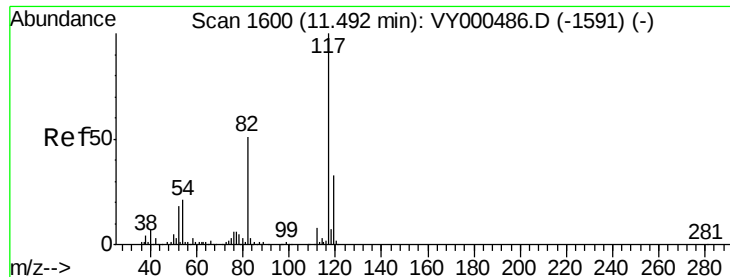
Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

176 79.7 0.0 157.8

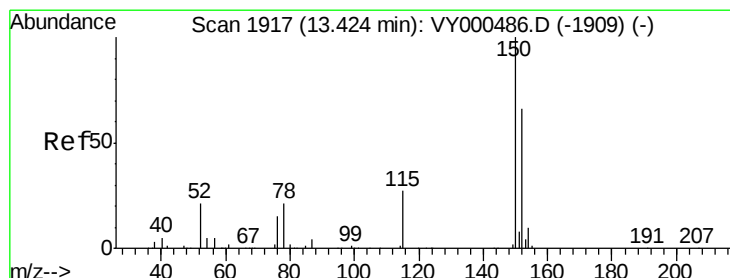
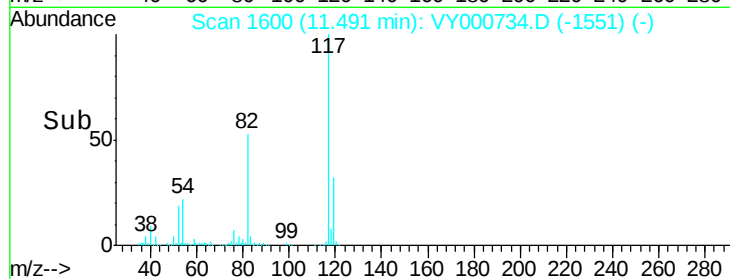
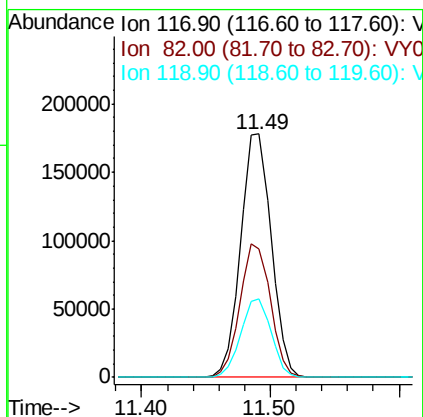
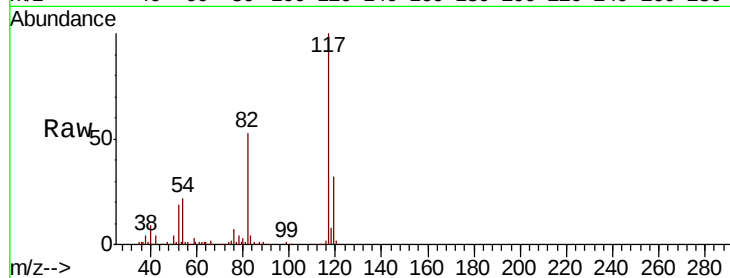




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :
B-8-3-(6-12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.8	61.2
119	32.1	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: VY000734.D
Acq: 18 Nov 2019 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.4
150	157.8	0.0	348.8

