

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000614.D
 Acq On : 08 Nov 2019 14:05
 Operator : SY/MD
 Sample : K5722-13
 Misc : 5.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-C

Quant Time: Nov 11 06:00:50 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	102434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	161656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	129464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	55374	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	50401	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
35) Dibromofluoromethane	7.73	113	44890	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.19	98	177636	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.48	95	55505	40.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.98%	

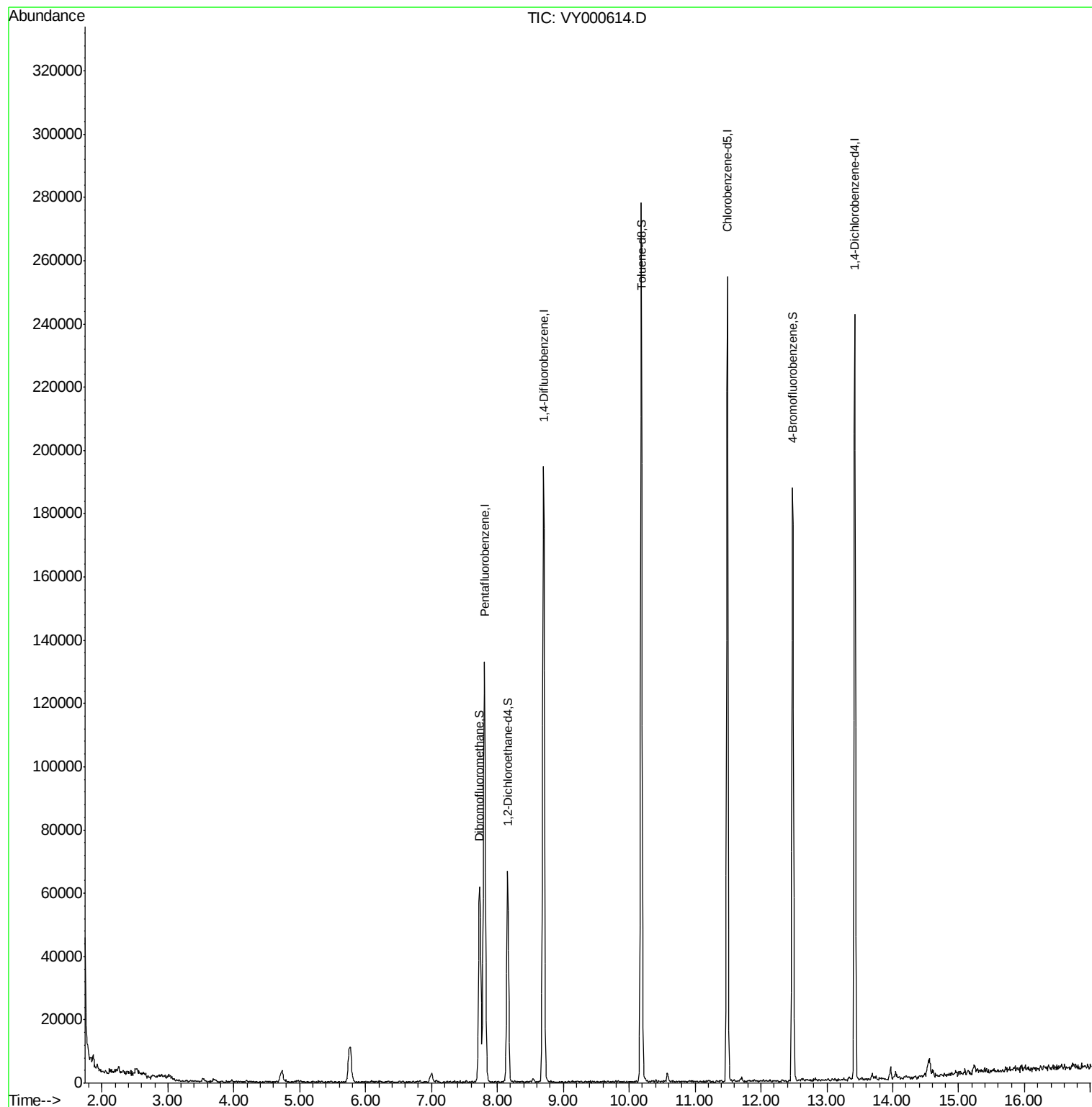
Target Compounds	Qvalue

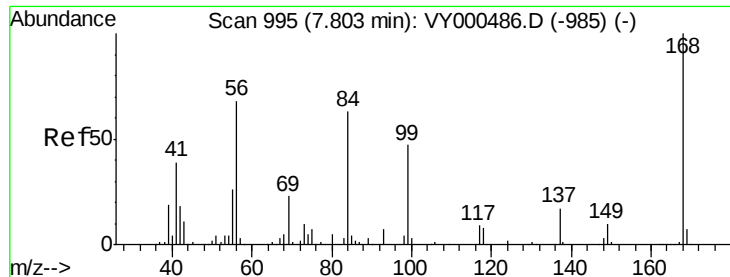
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampled :

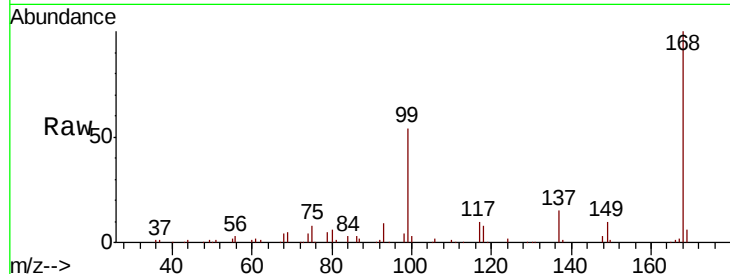
1-C

Tot Ion:168 Resp: 102434

Ion Ratio Lower Upper

168 100

99 54.3 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

50000

40000

30000

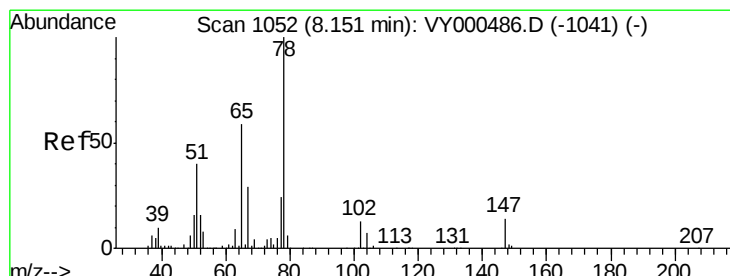
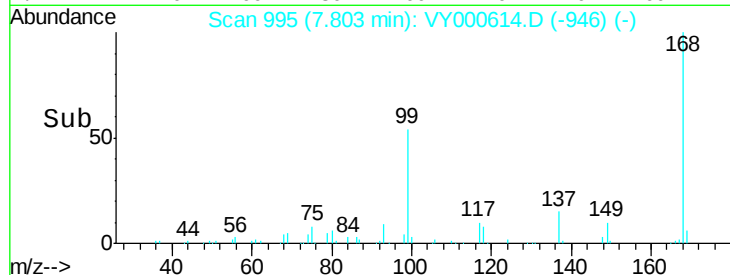
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 47.546 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000614.D

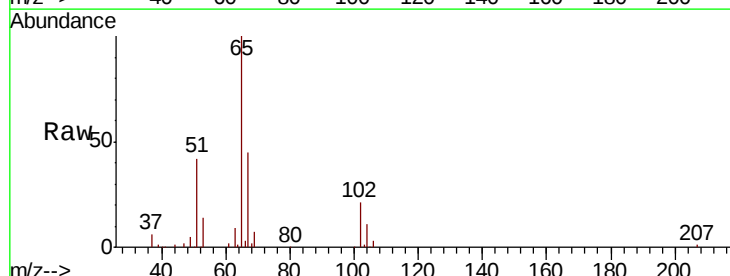
Acq: 08 Nov 2019 14:05

Tgt Ion: 65 Resp: 50401

Ion Ratio Lower Upper

65 100

67 49.8 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) (-)

8.16

25000

20000

15000

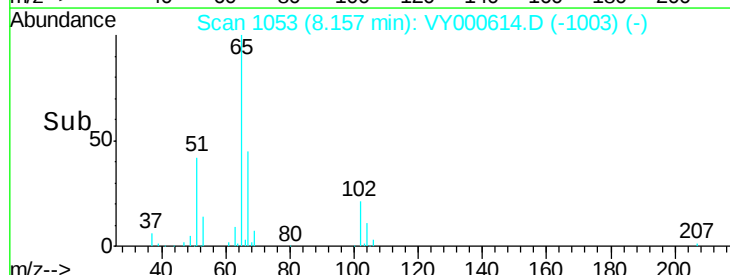
10000

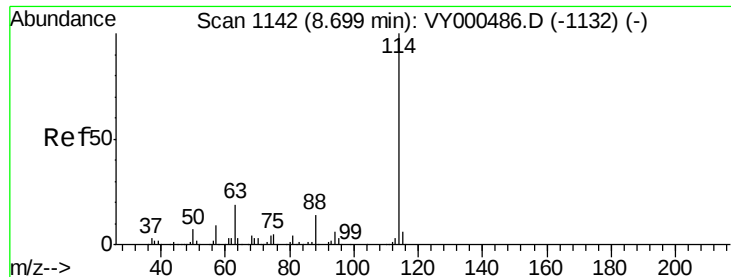
5000

0

Time-->

8.10 8.20

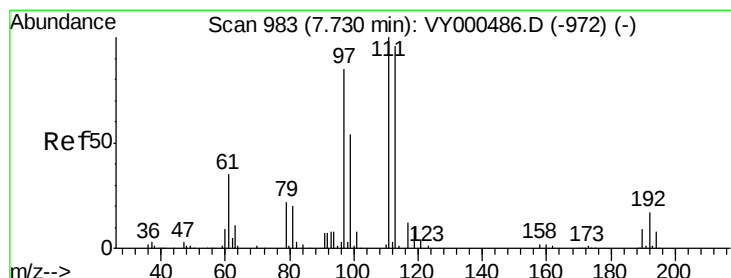
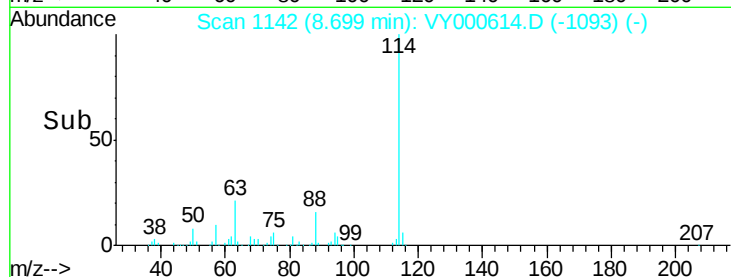
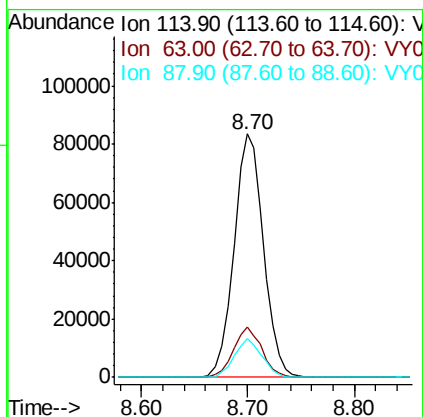
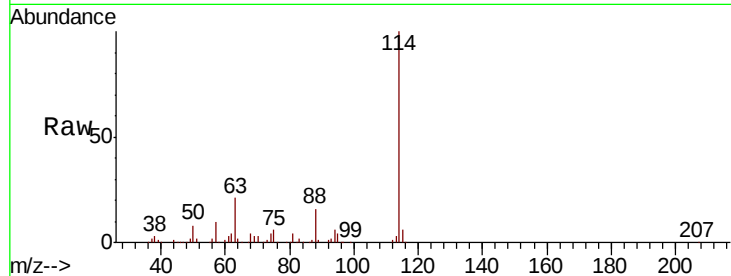




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

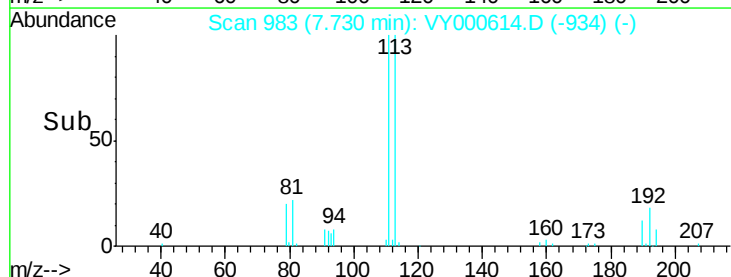
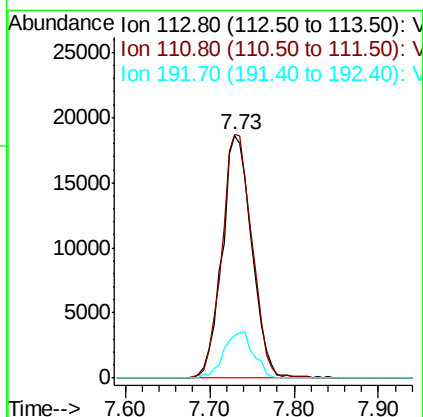
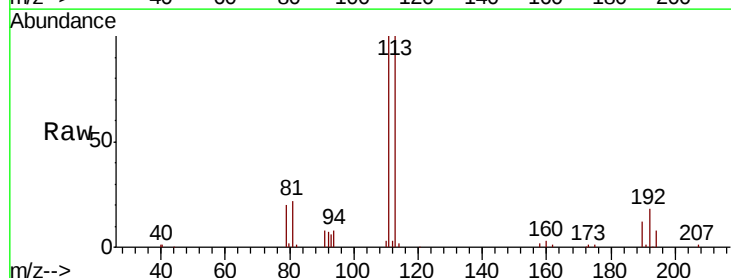
Instrument :
 MSVOA_Y
 ClientSampled :
 1-C

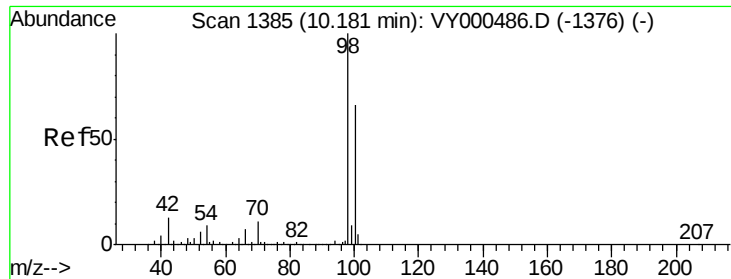
Tot Ion:114 Resp: 161656
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 16.1 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 47.301 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

Tgt Ion:113 Resp: 44890
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 18.9 15.0 22.4





#50

Toluene-d8

Concen: 49.329 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

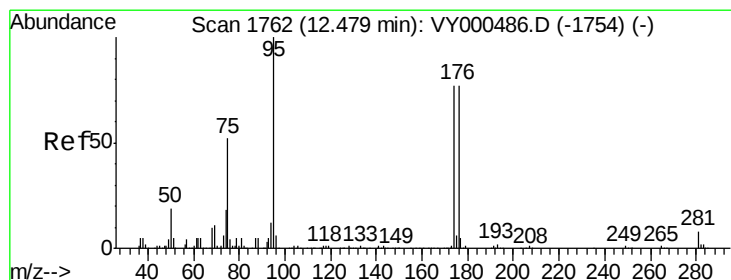
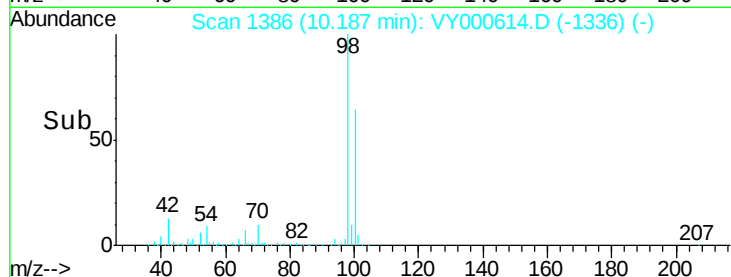
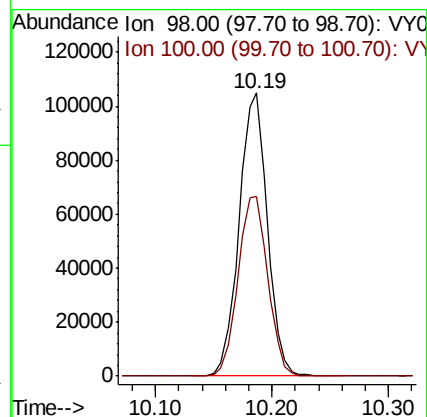
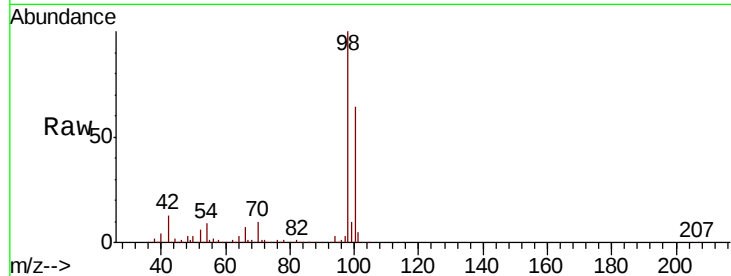
1-C

Tot Ion: 98 Resp: 177636

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.488 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

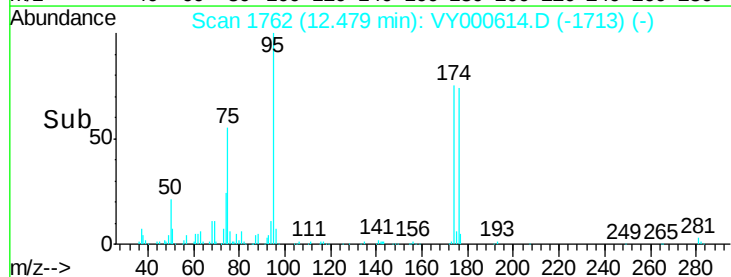
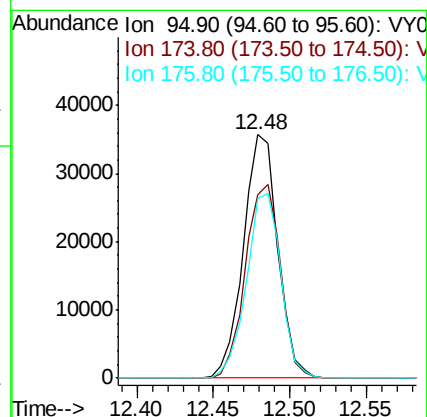
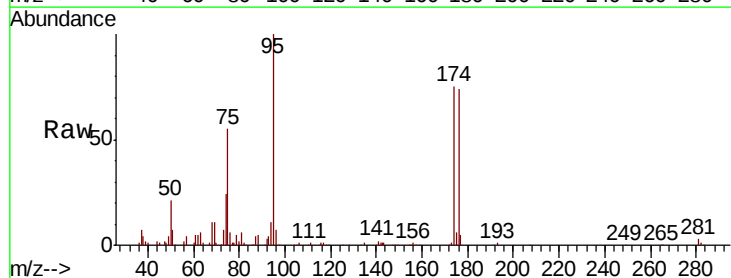
Tgt Ion: 95 Resp: 55505

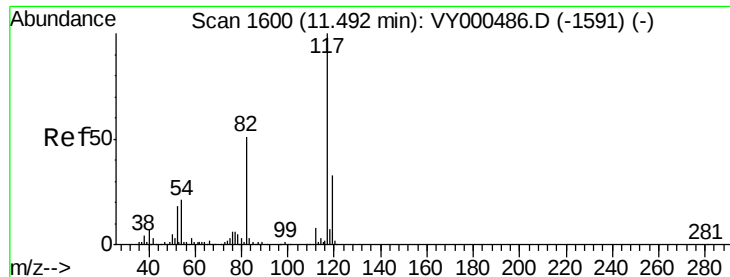
Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

176 76.1 0.0 157.8

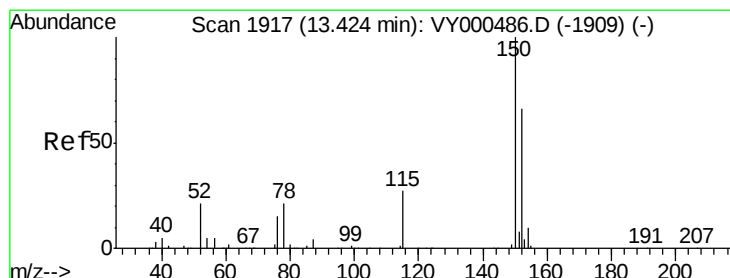
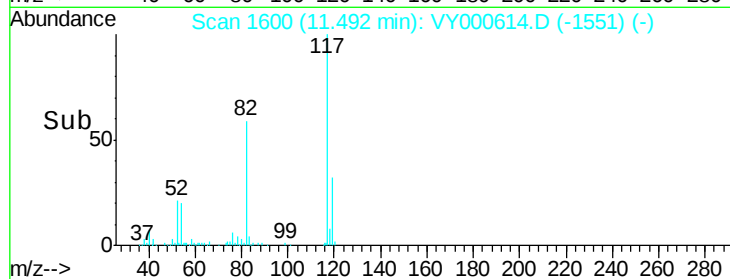
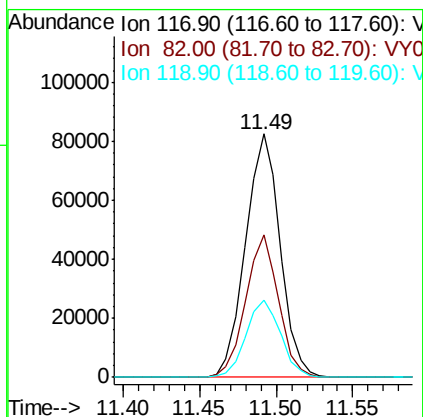
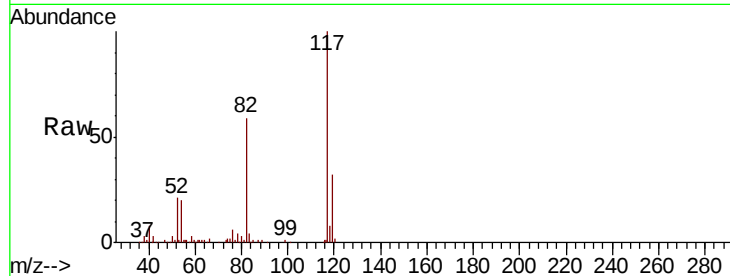




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000614.D
Acq: 08 Nov 2019 14:05

Instrument :
MSVOA_Y
ClientSampled :
1-C

Tot Ion:117 Resp: 129464
Ion Ratio Lower Upper
117 100
82 58.6 40.8 61.2
119 31.5 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: VY000614.D
Acq: 08 Nov 2019 14:05

Tgt Ion:152 Resp: 55374
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 160.6 0.0 348.8

