

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002178.D
 Acq On : 01 Apr 2020 20:54
 Operator : SY/MD
 Sample : L2132-05
 Misc : 3.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1-B

Quant Time: Apr 02 08:26:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	103670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	198582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	149938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	35877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	59512	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.75	113	58549	52.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.19	98	225356	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.49	95	54475	33.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.40%	

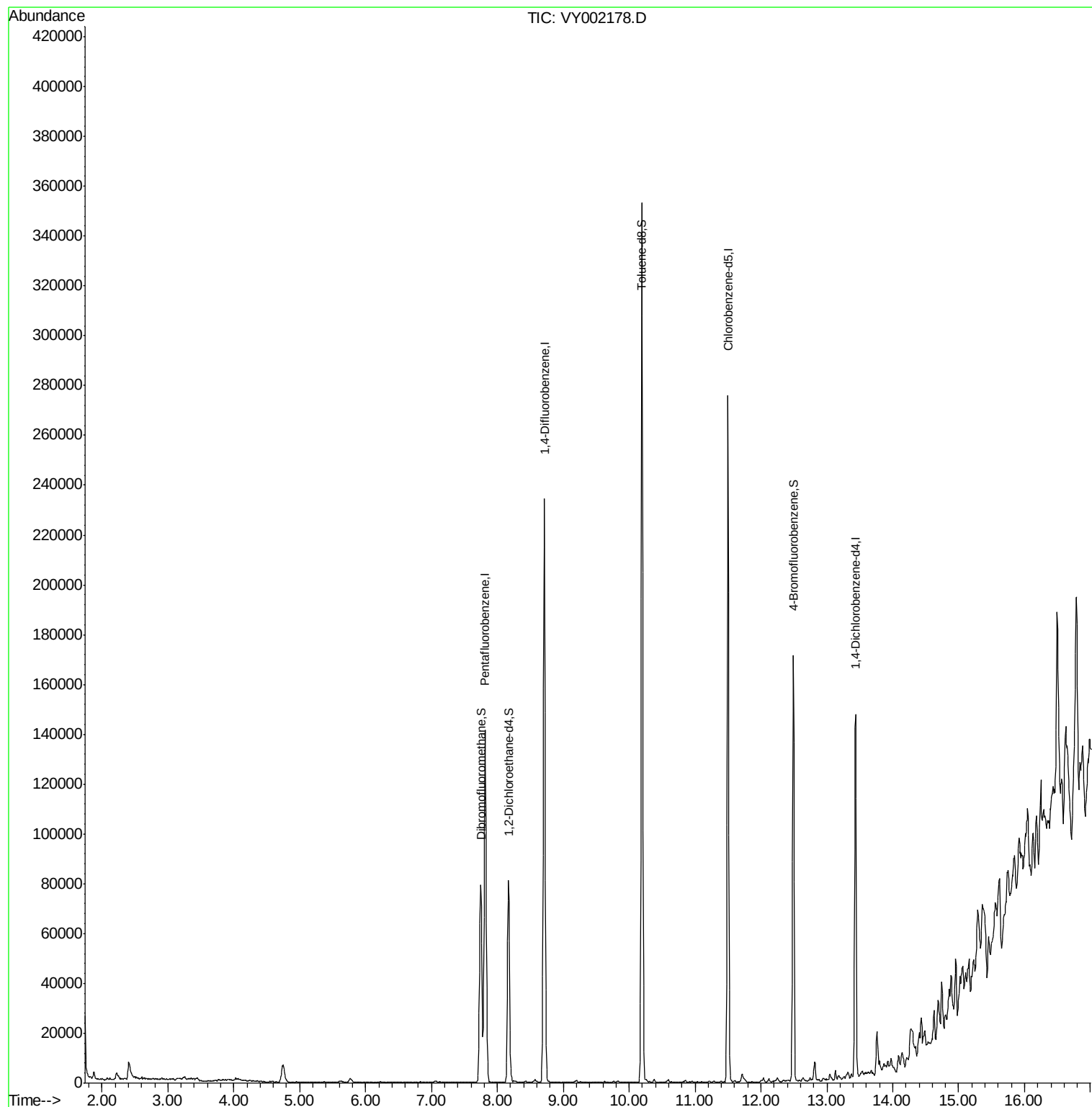
Target Compounds	Qvalue
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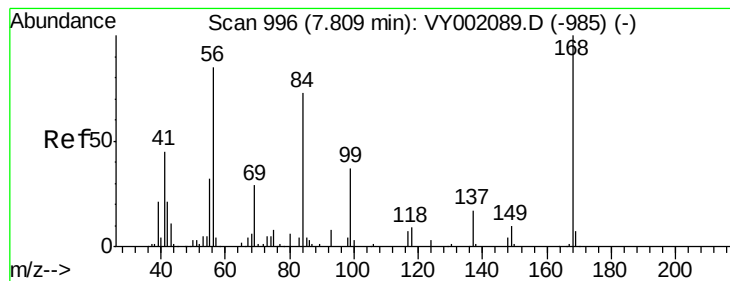
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

ClientSampled :

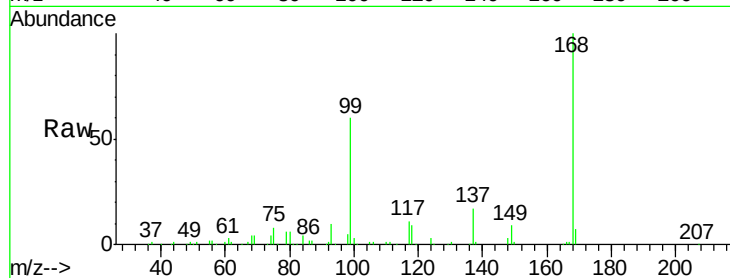
T-1-B

Tot Ion:168 Resp: 103670

Ion Ratio Lower Upper

168 100

99 60.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002178.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002178.D (-947) (-)

7.82

50000

40000

30000

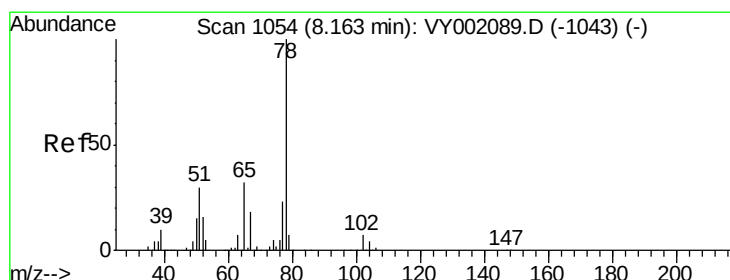
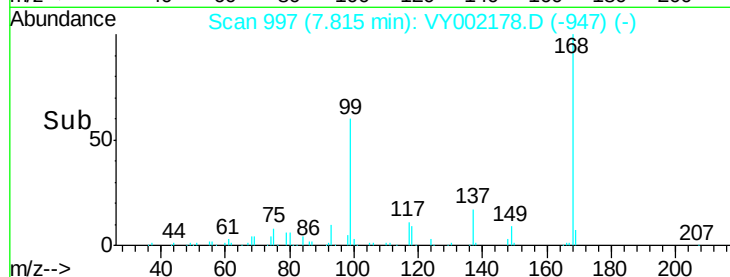
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 51.928 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002178.D

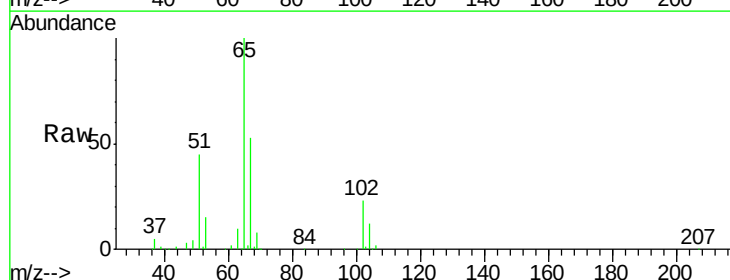
Acq: 01 Apr 2020 20:54

Tgt Ion: 65 Resp: 59512

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002178.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002178.D (-1005) (-)

8.17

30000

25000

20000

15000

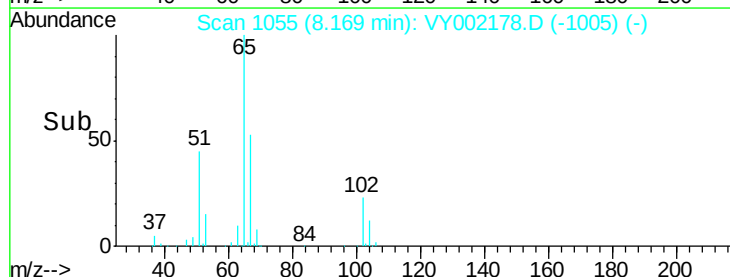
10000

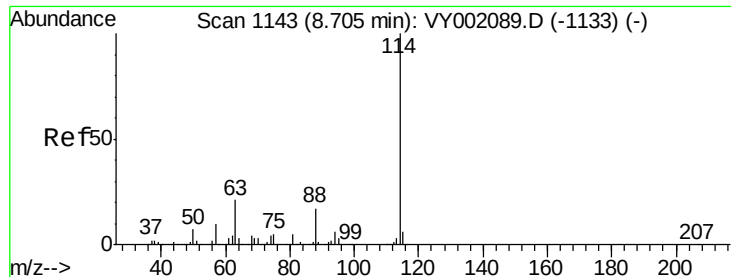
5000

0

Time-->

8.10 8.15 8.20 8.25

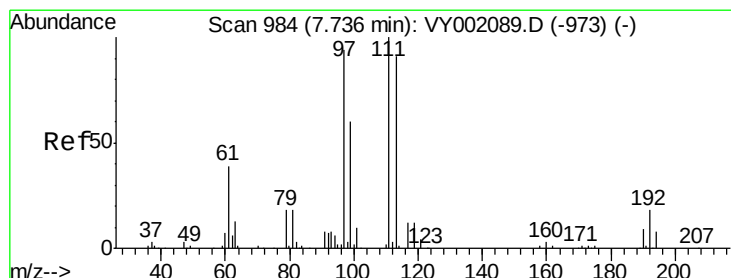
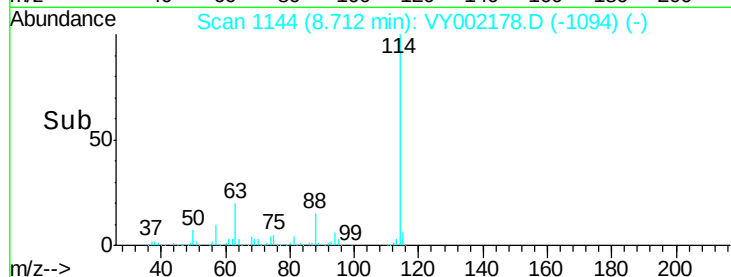
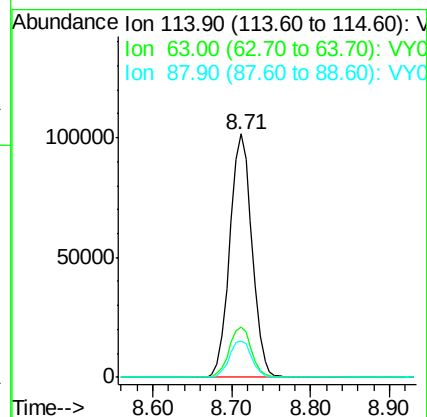
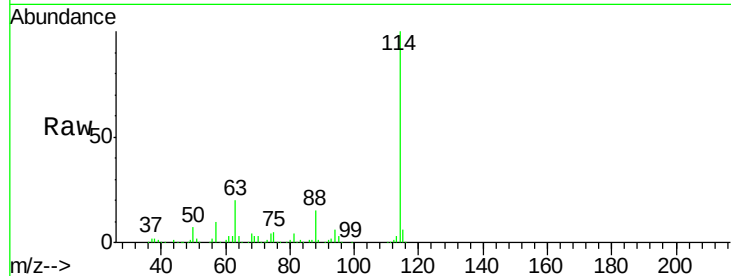




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002178.D
 Acq: 01 Apr 2020 20:54

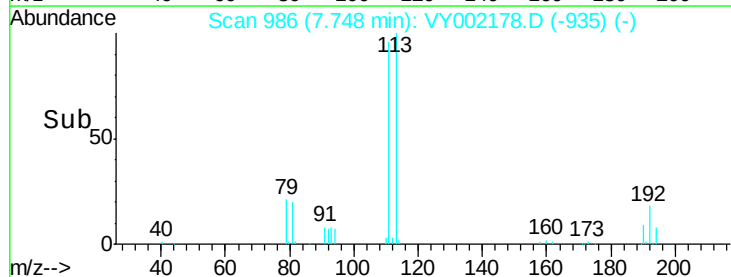
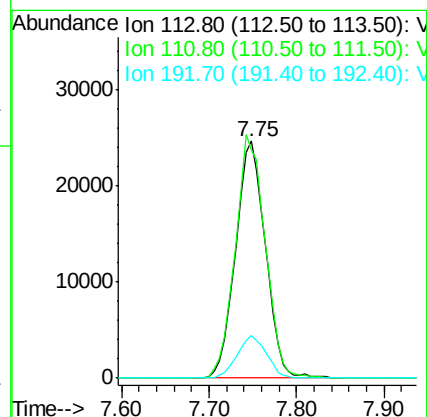
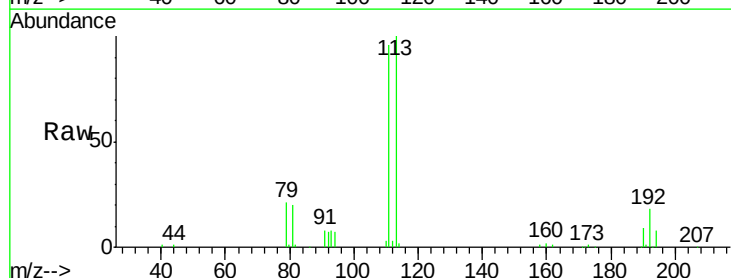
Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1-B

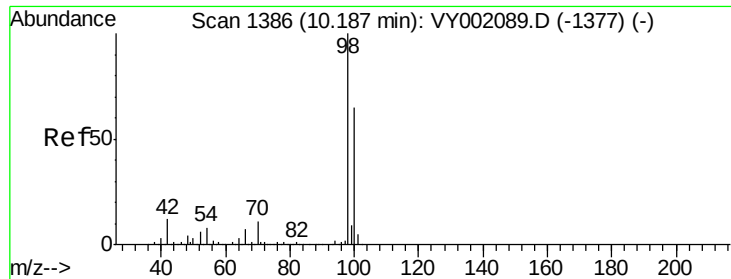
Tot Ion:114 Resp: 198582
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.0 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 52.620 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002178.D
 Acq: 01 Apr 2020 20:54

Tgt Ion:113 Resp: 58549
 Ion Ratio Lower Upper
 113 100
 111 103.1 84.4 126.6
 192 17.7 14.6 21.8





#50

Toluene-d8

Concen: 48.753 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

ClientSampled :

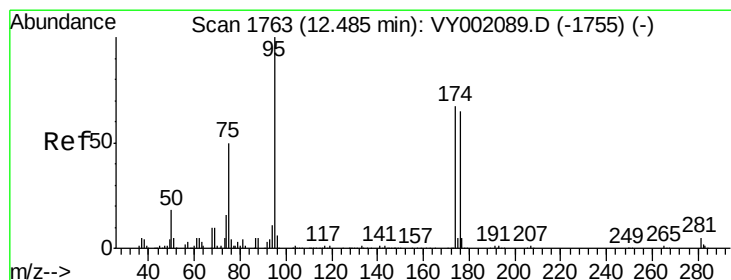
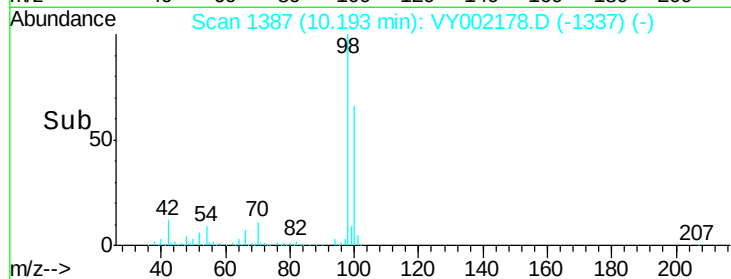
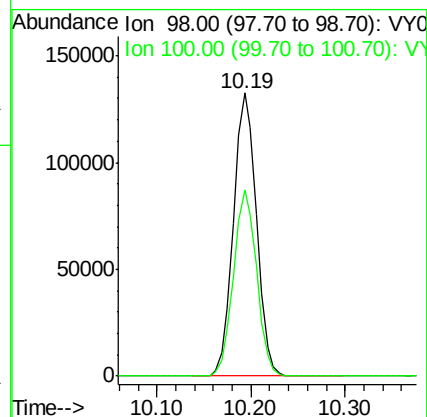
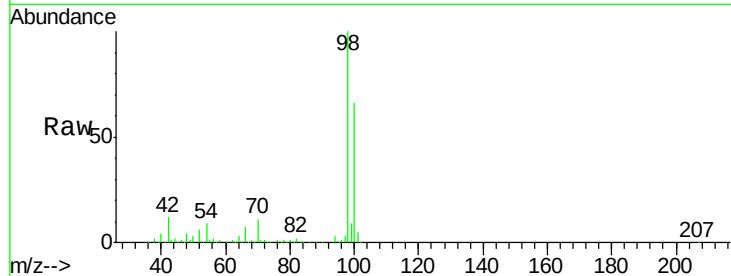
T-1-B

Tot Ion: 98 Resp: 225356

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.697 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

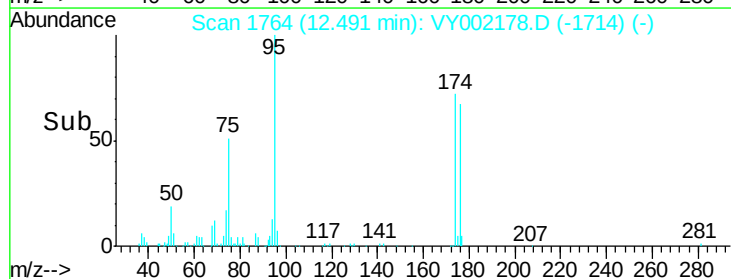
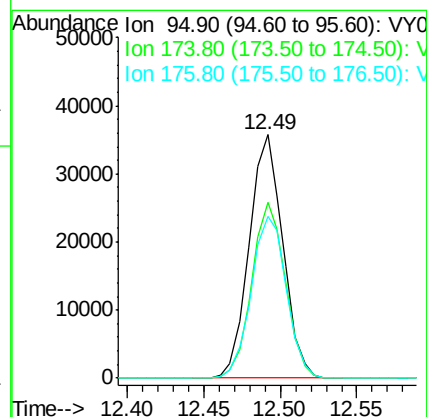
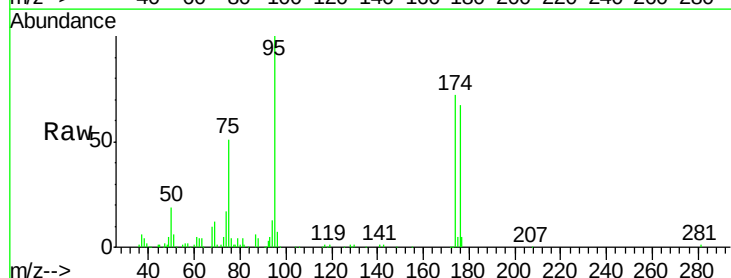
Tgt Ion: 95 Resp: 54475

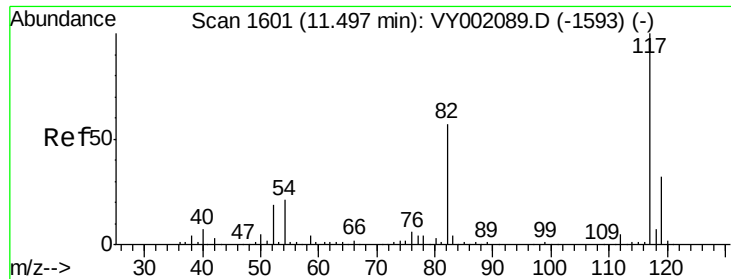
Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

176 69.3 0.0 137.0

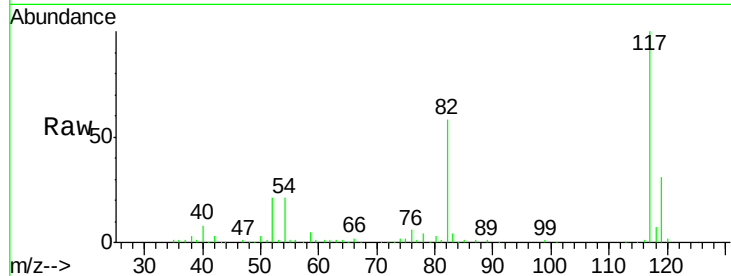




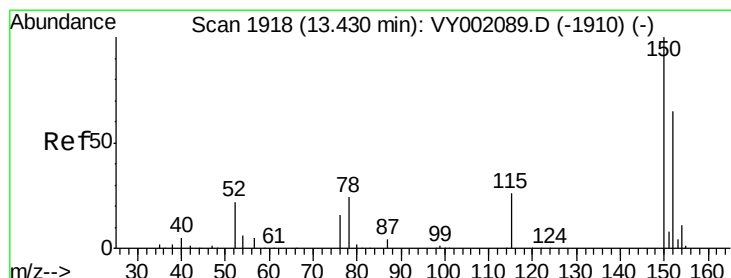
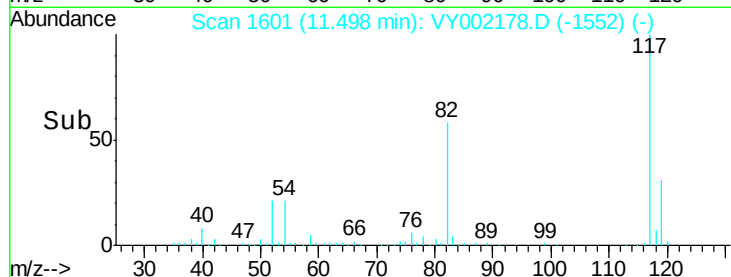
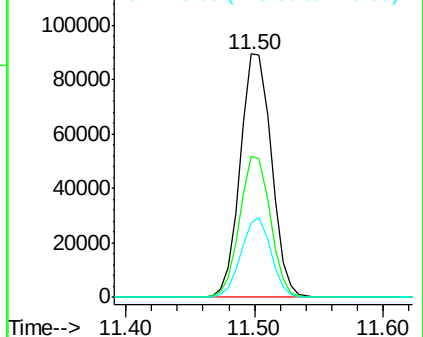
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
T-1-B

Tot Ion:117 Resp: 149938
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 30.5 25.3 37.9

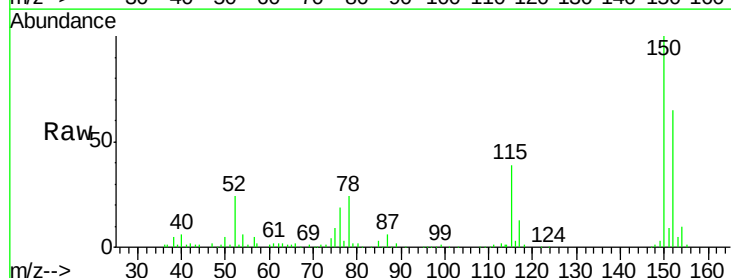


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Tgt Ion:152 Resp: 35877
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 156.7 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

