

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-15-30

Quant Time: Jan 18 05:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.84	168	186817	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.73	114	336451	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.52	117	298809	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.44	152	130885	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.19	65	105914	53.68	ug/l	0.04
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.77	113	98857	50.18	ug/l	0.04
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.21	98	393376	51.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.50	95	139545	44.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	89.94%	

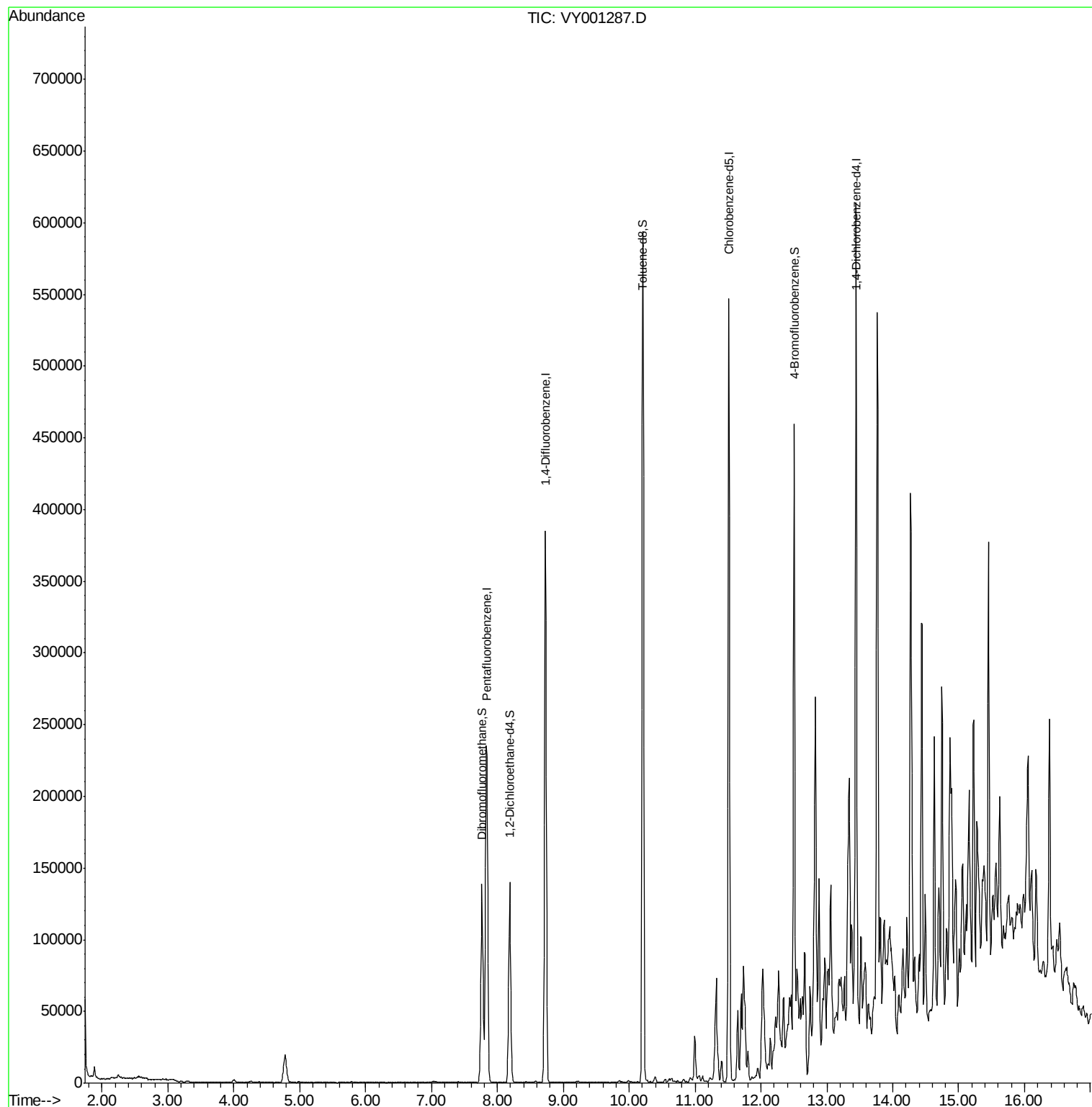
Target Compounds	Qvalue

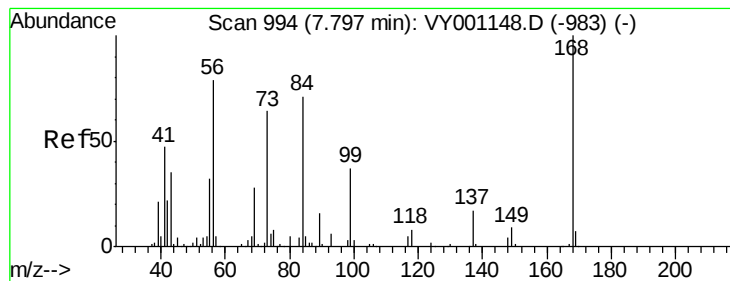
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.84 min Scan# 1001

Delta R.T. 0.04 min

Lab File: VY001287.D

Acq: 17 Jan 2020 23:28

Instrument :

MSVOA_Y

ClientSampleId :

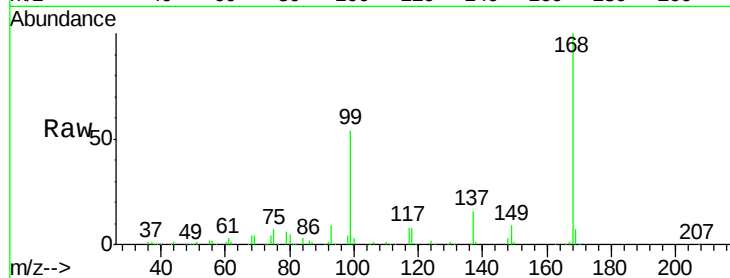
B2-15-30

Tot Ion:168 Resp: 186817

Ion Ratio Lower Upper

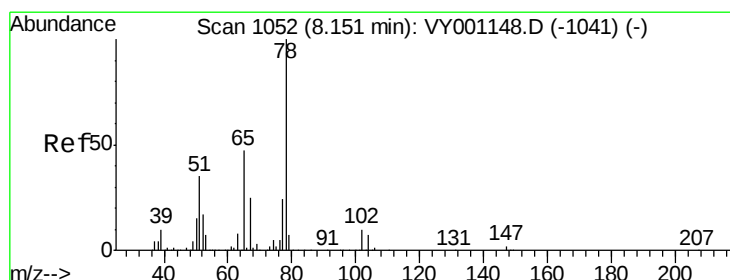
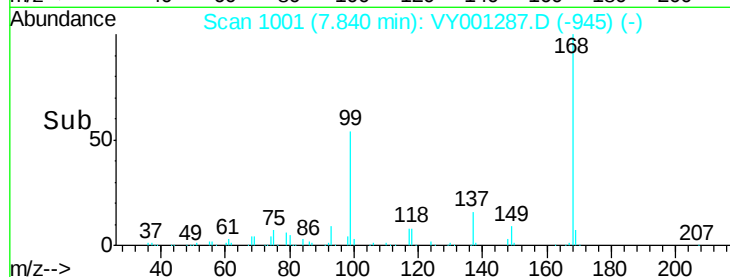
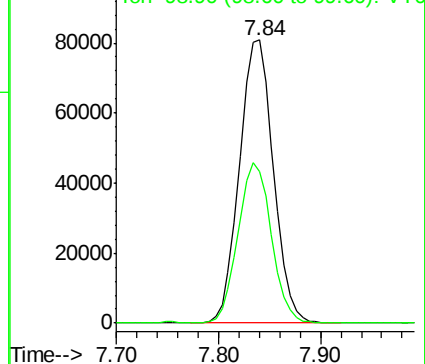
168 100

99 53.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.679 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.04 min

Lab File: VY001287.D

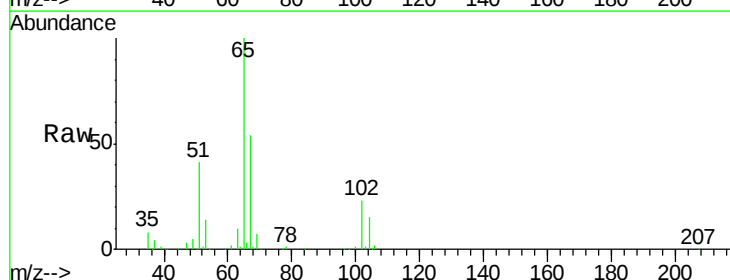
Acq: 17 Jan 2020 23:28

Tgt Ion: 65 Resp: 105914

Ion Ratio Lower Upper

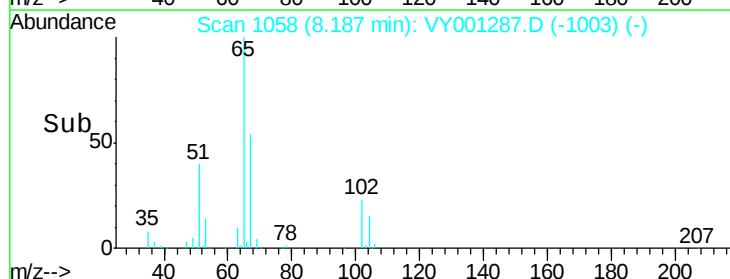
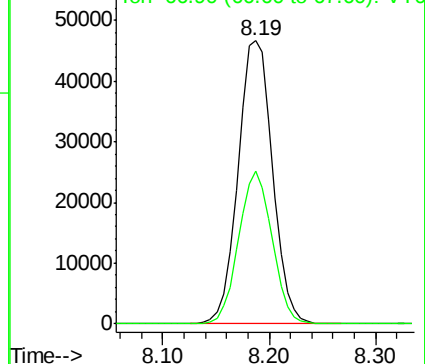
65 100

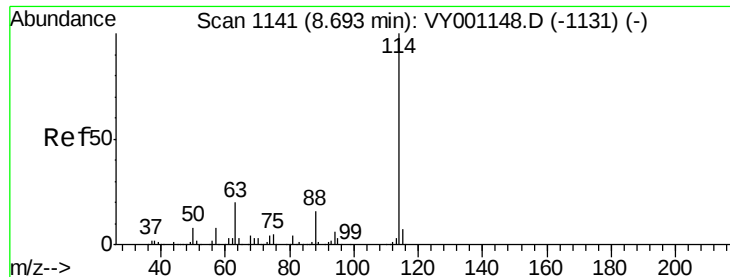
67 52.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

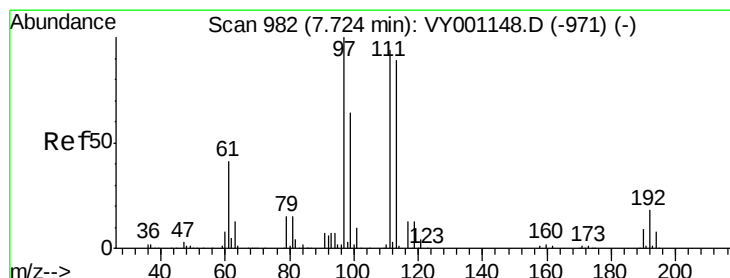
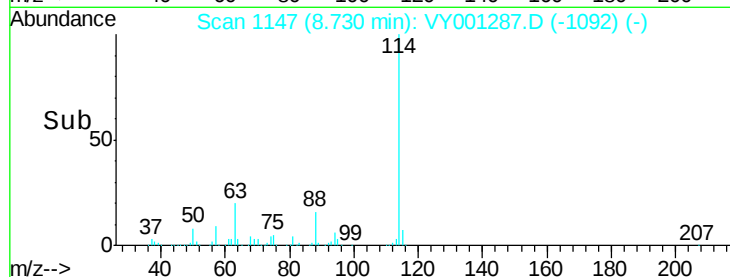
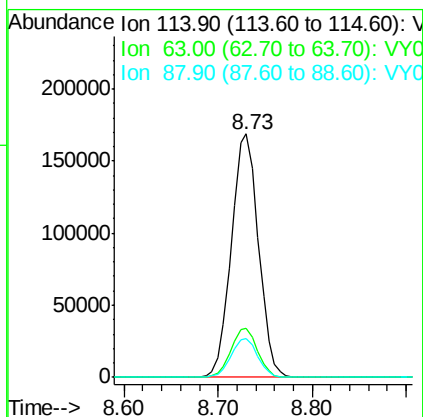
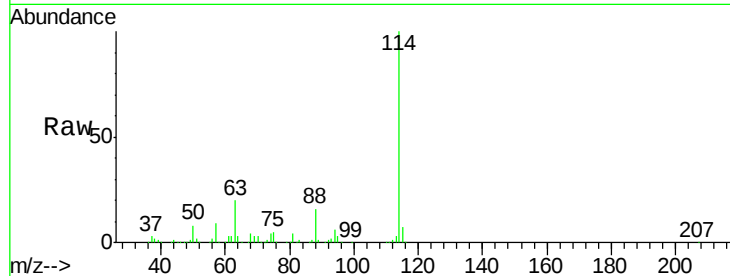




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.73 min Scan# 1147
 Delta R.T. 0.04 min
 Lab File: VY001287.D
 Acq: 17 Jan 2020 23:28

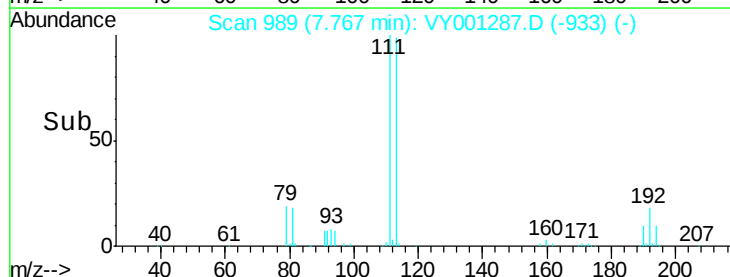
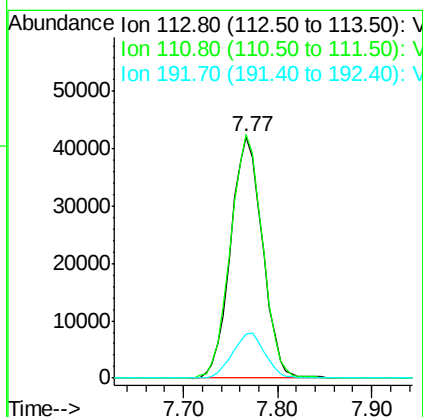
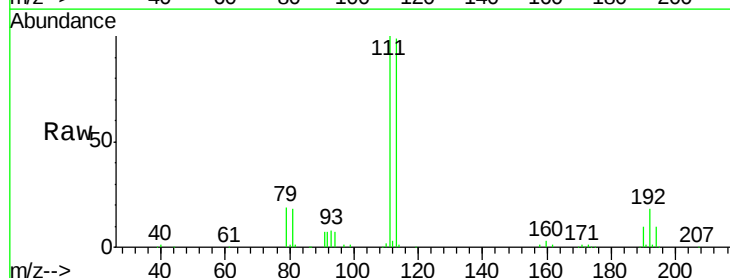
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-15-30

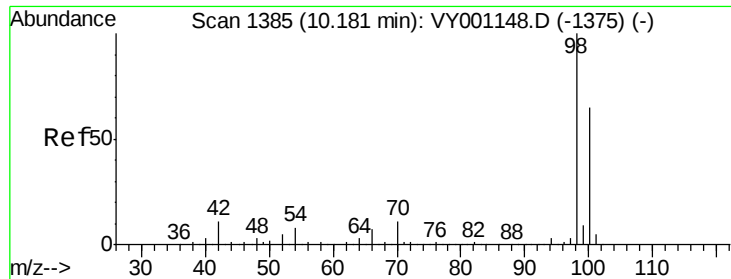
Tot Ion:114 Resp: 336451
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.2 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.183 ug/l
 RT: 7.77 min Scan# 989
 Delta R.T. 0.04 min
 Lab File: VY001287.D
 Acq: 17 Jan 2020 23:28

Tgt Ion:113 Resp: 98857
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.9 124.3
 192 19.2 15.4 23.2





#50

Toluene-d8

Concen: 51.826 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001287.D

Acq: 17 Jan 2020 23:28

Instrument :

MSVOA_Y

ClientSampled :

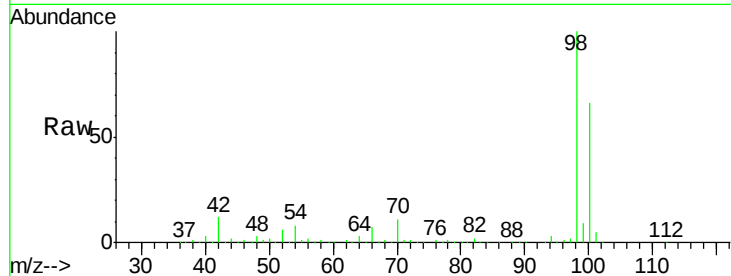
B2-15-30

Tot Ion: 98 Resp: 393376

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

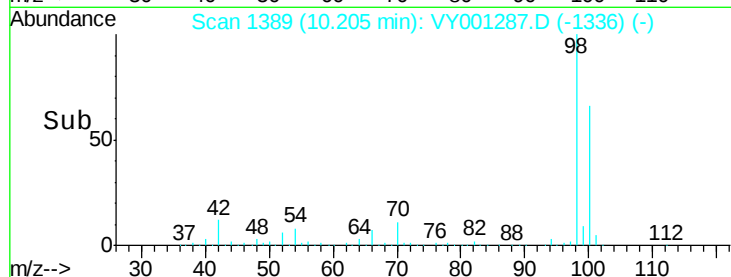
50000

0

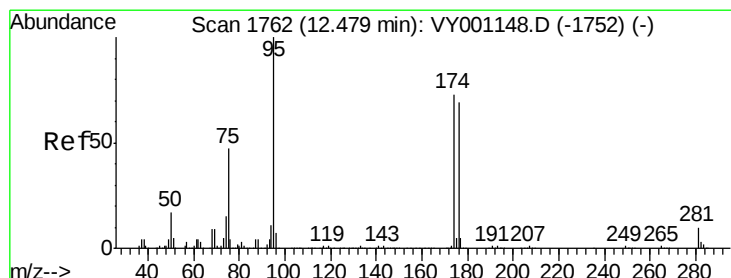
10.10

10.20

10.30



Time-->



#62

4-Bromofluorobenzene

Concen: 44.968 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. 0.02 min

Lab File: VY001287.D

Acq: 17 Jan 2020 23:28

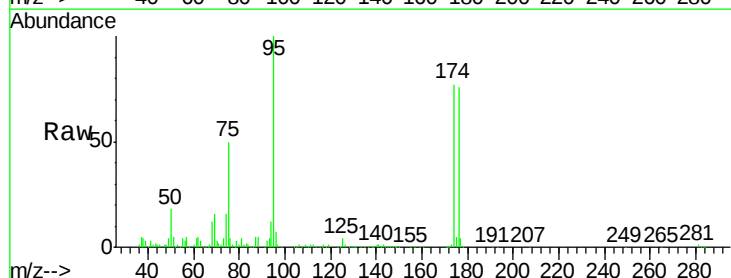
Tgt Ion: 95 Resp: 139545

Ion Ratio Lower Upper

95 100

174 75.0 0.0 143.2

176 74.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

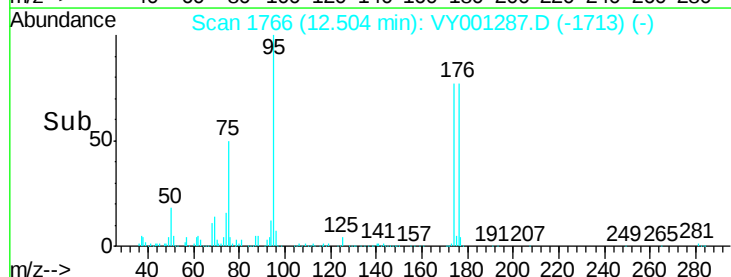
20000

0

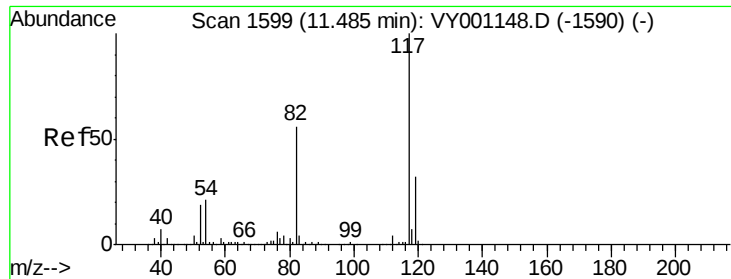
12.45

12.50

12.55



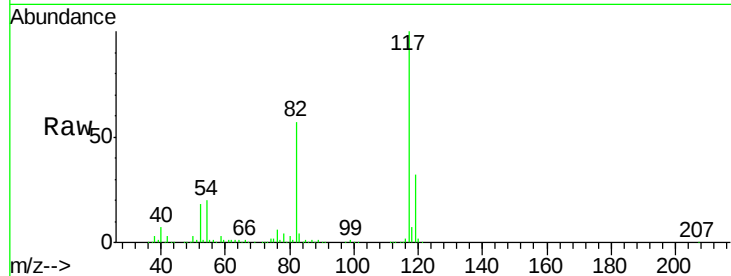
Time-->



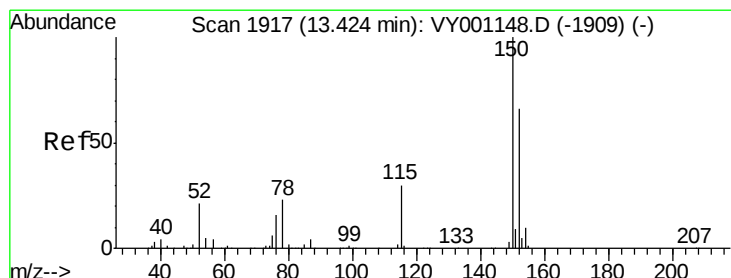
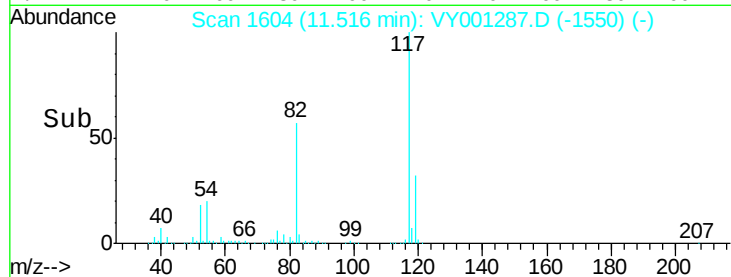
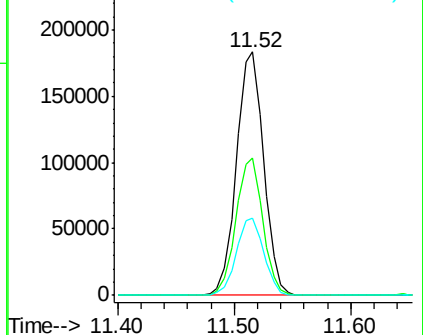
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.03 min
Lab File: VY001287.D
Acq: 17 Jan 2020 23:28

Instrument :
MSVOA_Y
ClientSampleId :
B2-15-30

Tot Ion:117 Resp: 298809
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 31.9 25.7 38.5

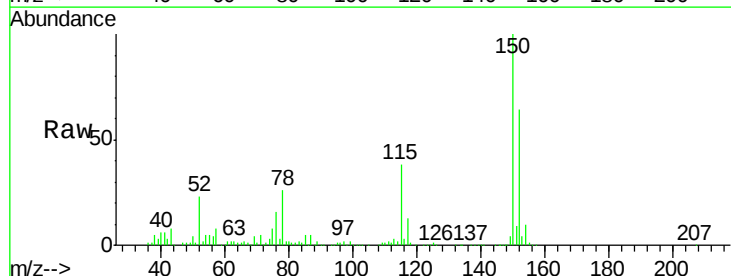


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001287.D
Acq: 17 Jan 2020 23:28

Tgt Ion:152 Resp: 130885
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.5
150 157.8 0.0 346.8



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

