

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001517.D
 Acq On : 05 Feb 2020 19:02
 Operator : SY/MD
 Sample : L1360-03
 Misc : 18.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 06 08:04:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157943	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	292744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	98019	61.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.28%	
35) Dibromofluoromethane	7.75	113	88512	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.20	98	350909	54.94	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.49	95	138040	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

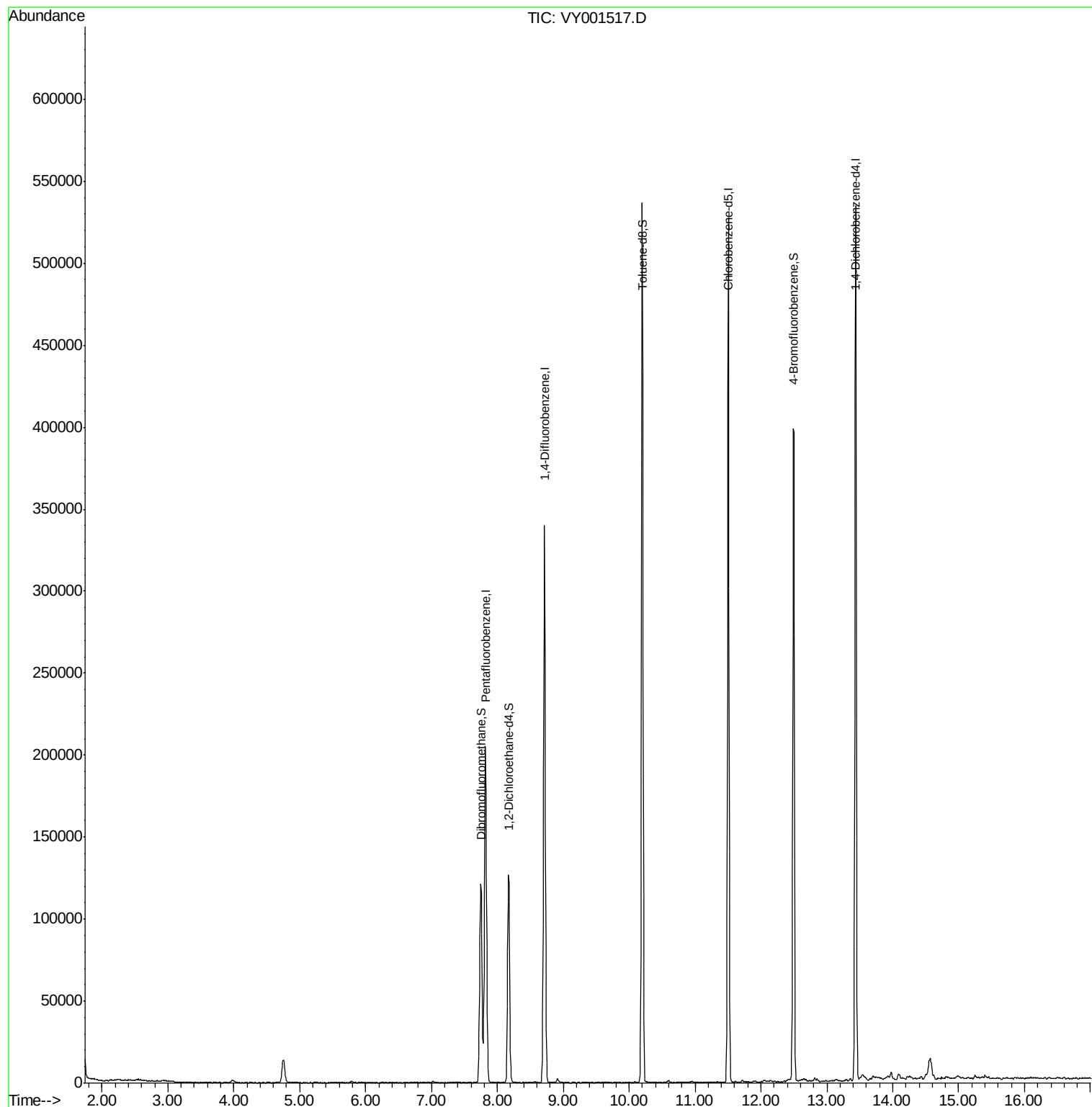
Target Compounds	Qvalue

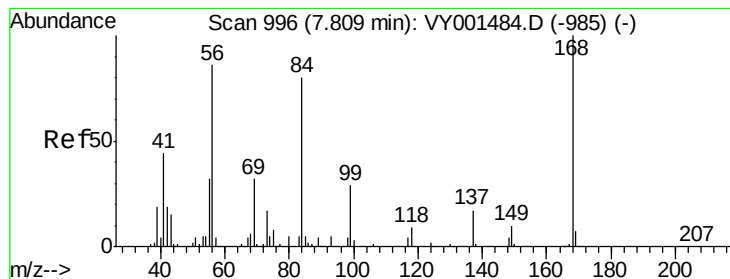
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001517.D

Acq: 05 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampled :

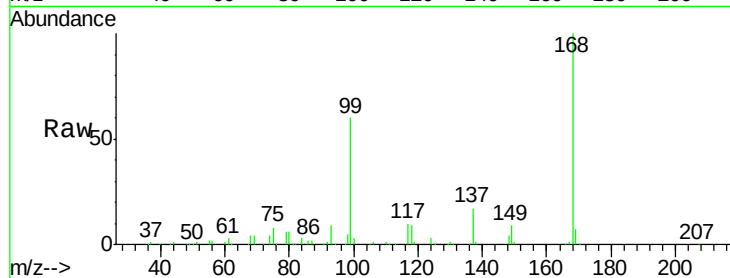
TP-3

Tot Ion:168 Resp: 157943

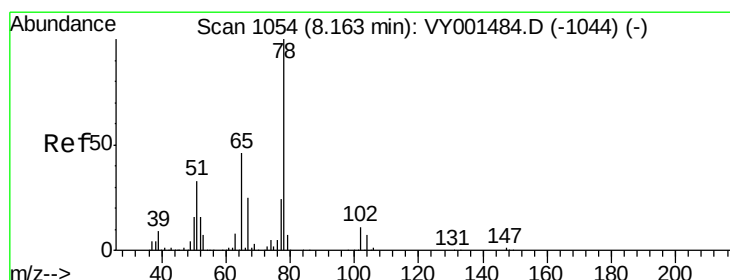
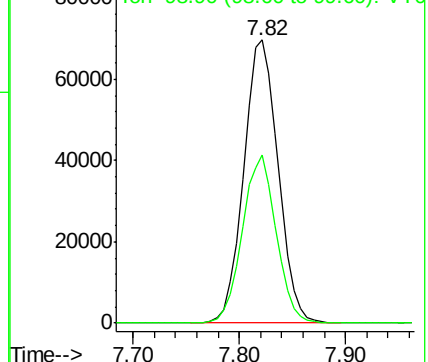
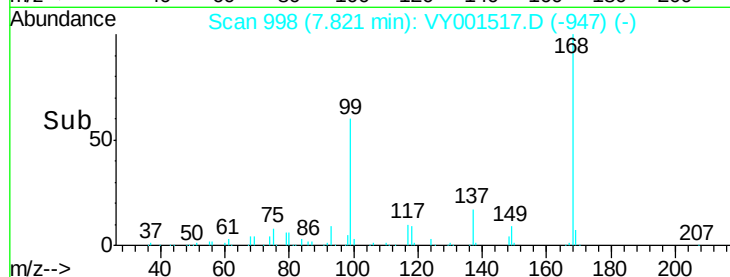
Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001517.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.637 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001517.D

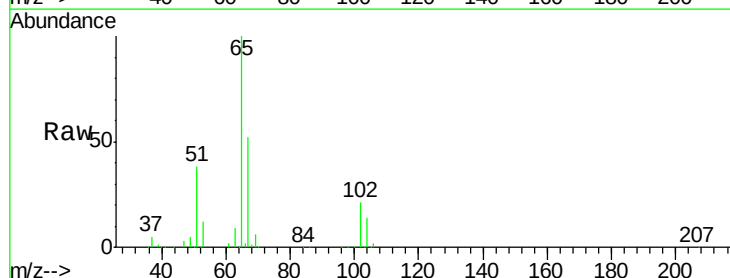
Acq: 05 Feb 2020 19:02

Tgt Ion: 65 Resp: 98019

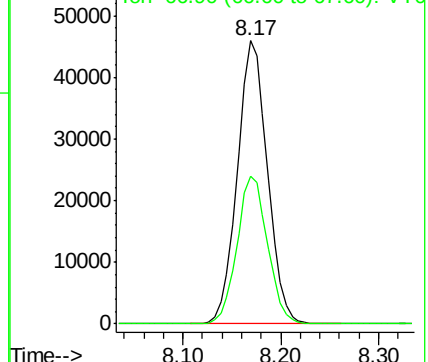
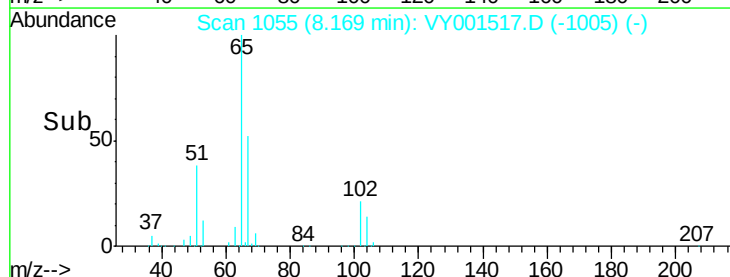
Ion Ratio Lower Upper

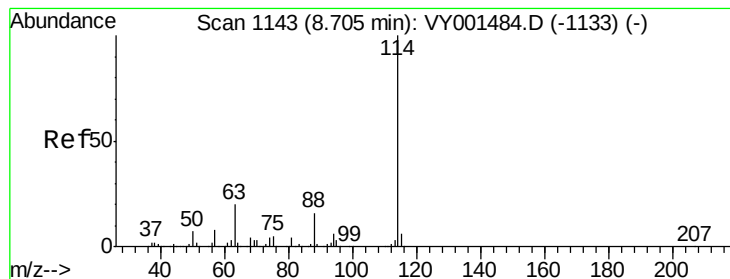
65 100

67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001517.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001517.D

Acq: 05 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

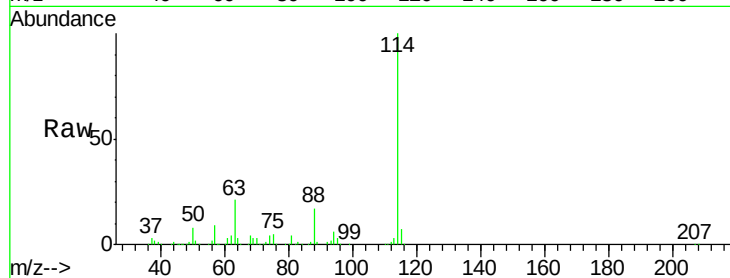
Tot Ion:114 Resp: 292744

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

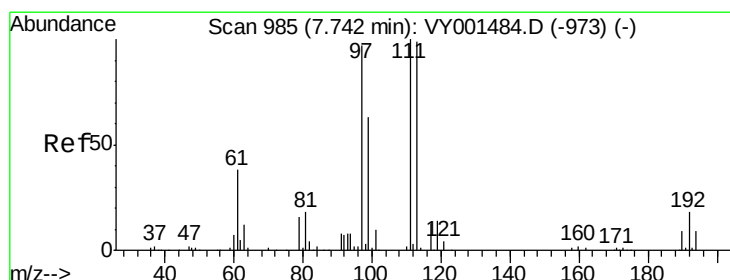
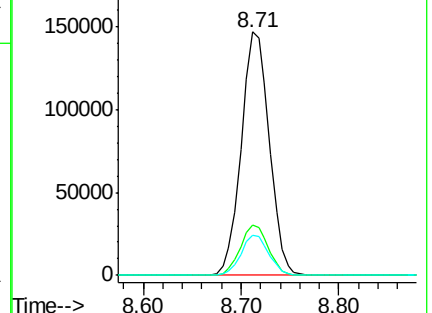
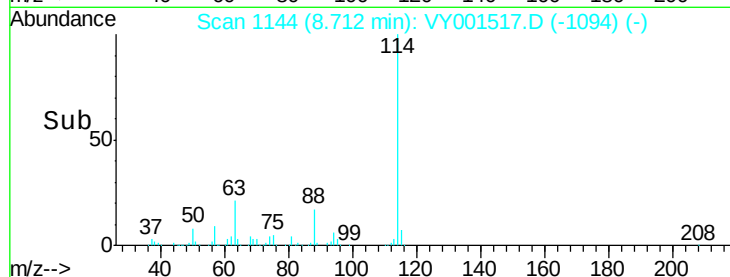
88 16.5 0.0 32.6



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: 52.433 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001517.D

Acq: 05 Feb 2020 19:02

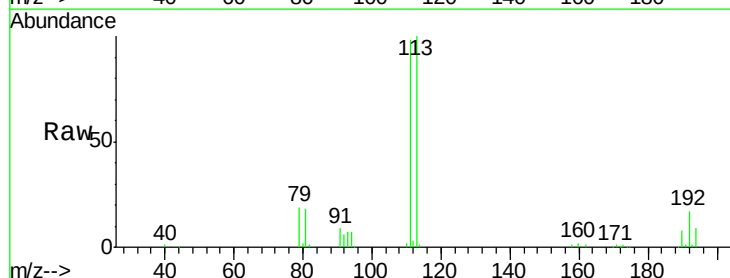
Tgt Ion:113 Resp: 88512

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

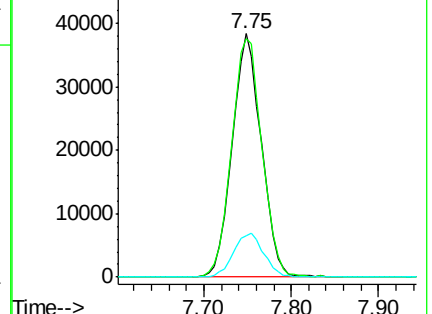
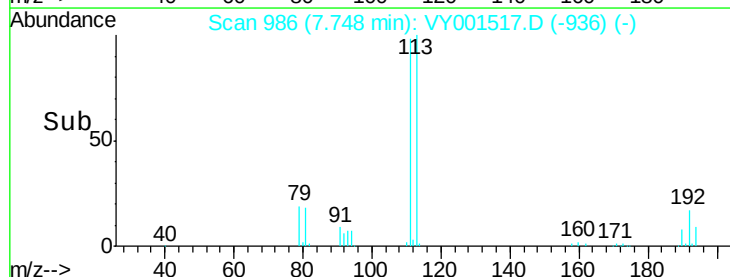
192 18.7 14.6 22.0

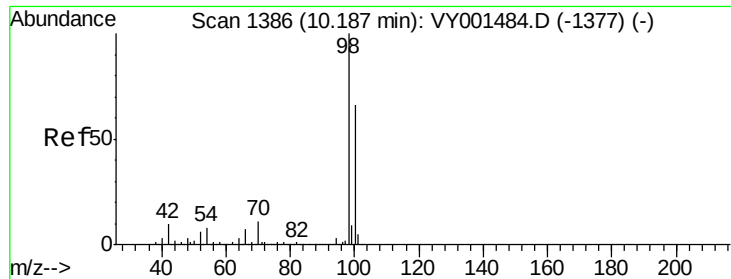


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.943 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001517.D

Acq: 05 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

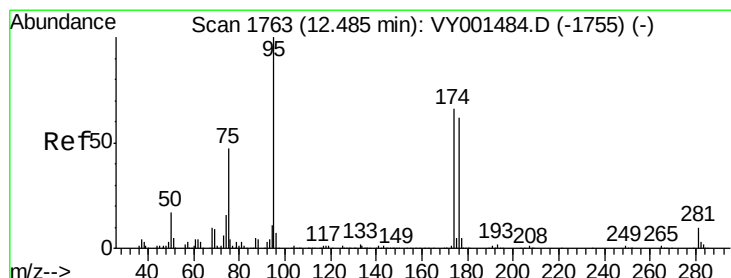
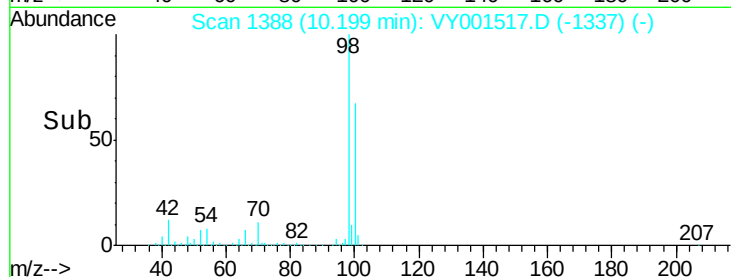
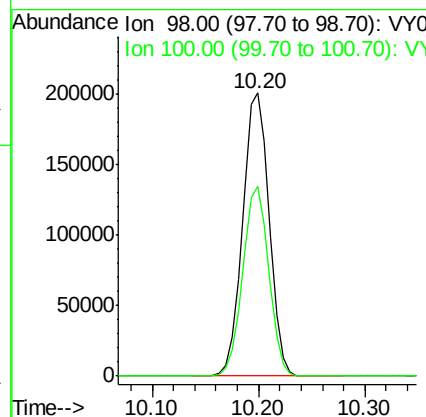
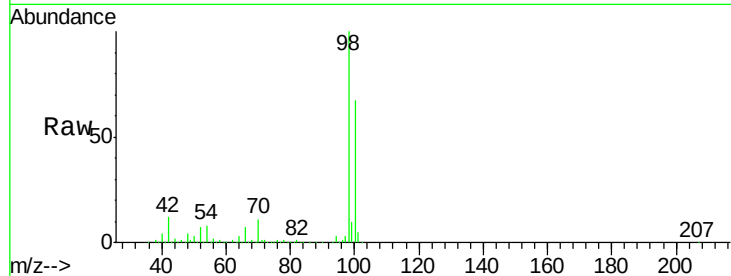
TP-3

Tot Ion: 98 Resp: 350909

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.864 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001517.D

Acq: 05 Feb 2020 19:02

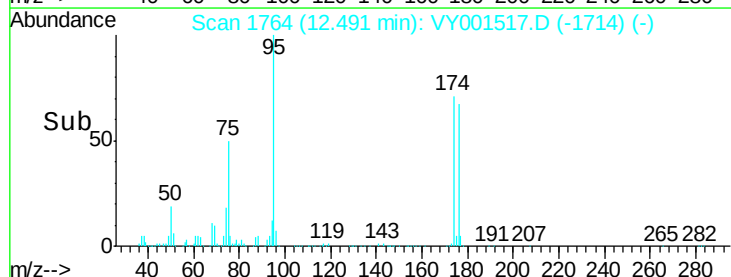
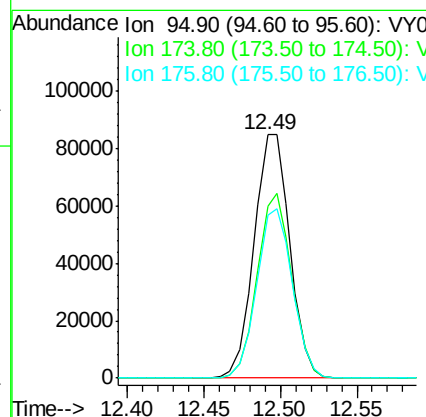
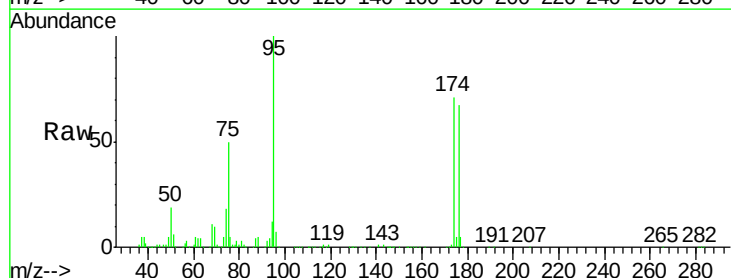
Tgt Ion: 95 Resp: 138040

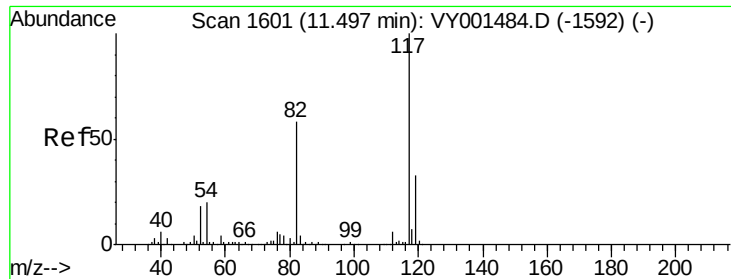
Ion Ratio Lower Upper

95 100

174 73.1 0.0 141.4

176 69.4 0.0 135.4

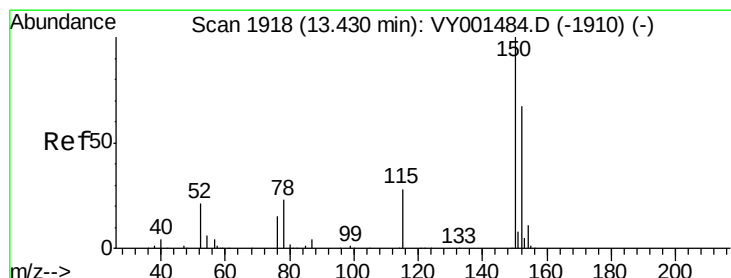
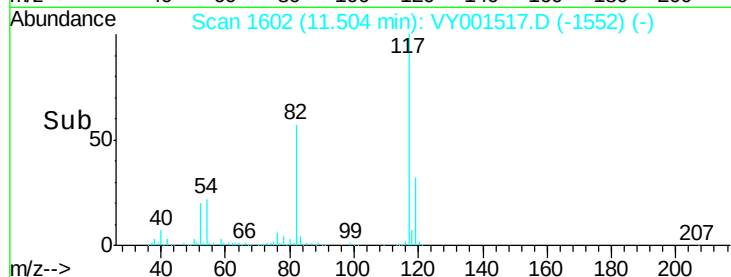
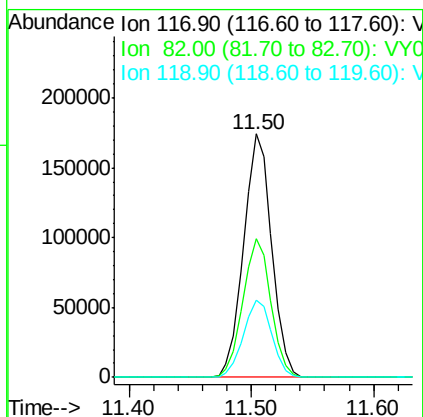
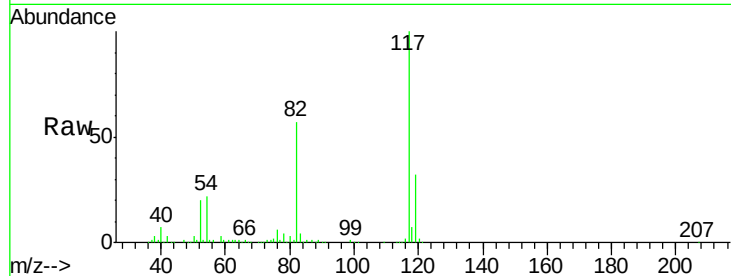




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001517.D
Acq: 05 Feb 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tot Ion:117 Resp: 276942
Ion Ratio Lower Upper
117 100
82 56.9 46.1 69.1
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001517.D
Acq: 05 Feb 2020 19:02

Tgt Ion:152 Resp: 132209
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.3
150 156.5 0.0 346.8

