

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002175.D
 Acq On : 01 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2129-31
 Misc : 7.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Apr 02 08:20:34 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	113038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	214371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	159761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	42768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	68008	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.74	113	65191	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.19	98	252199	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.49	95	56368	32.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.60%	

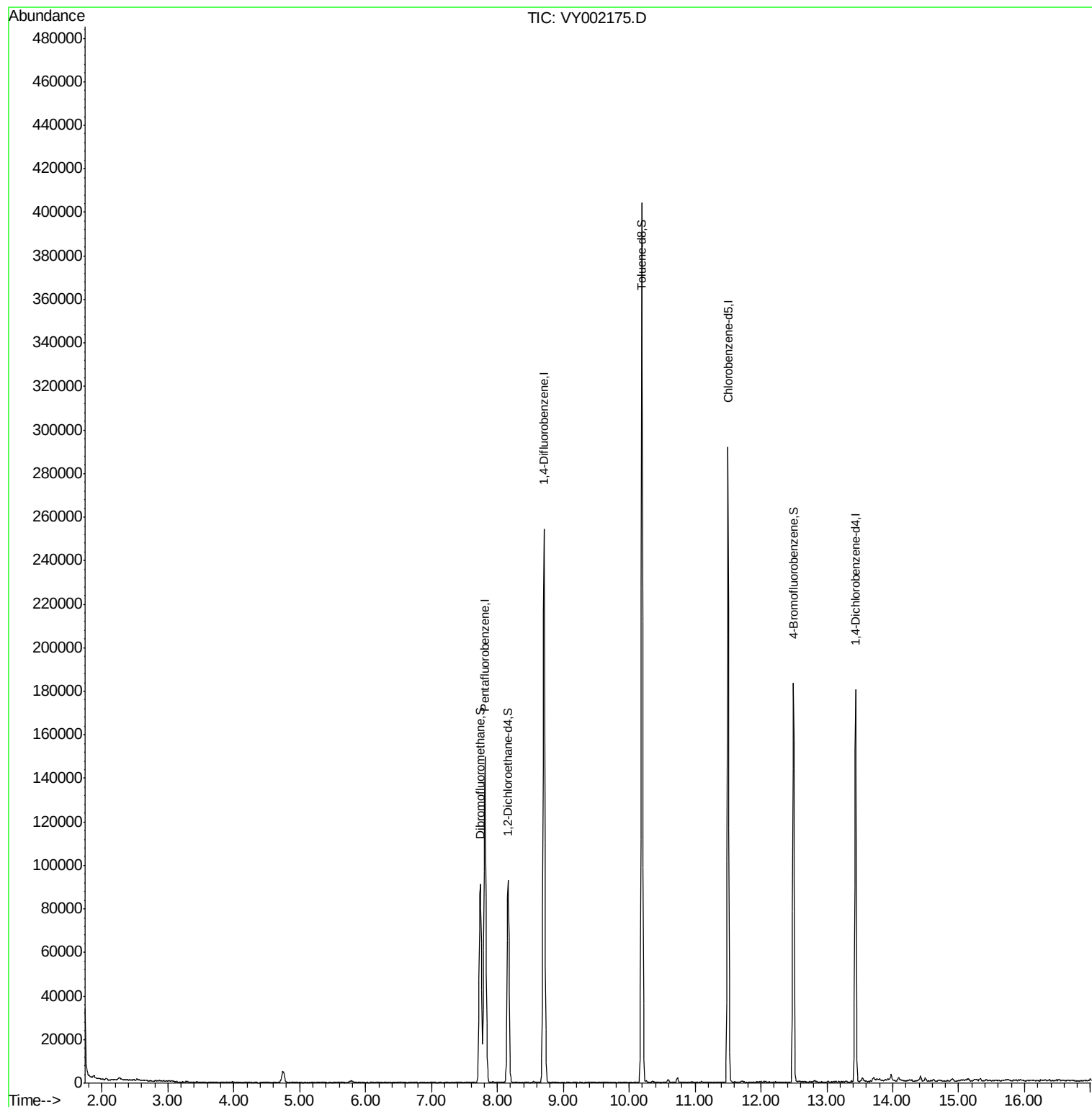
Target Compounds	Qvalue

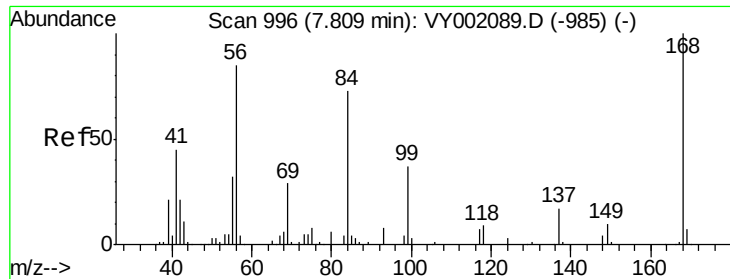
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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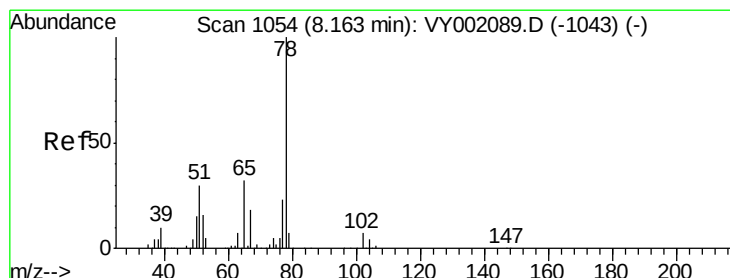
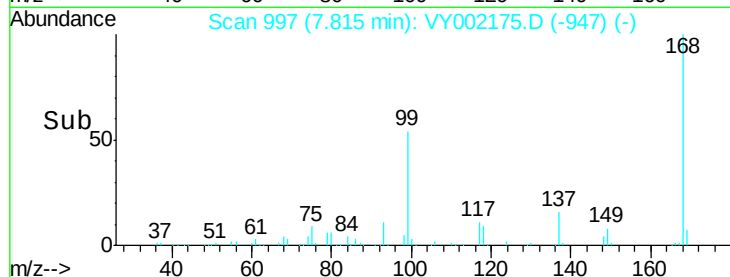
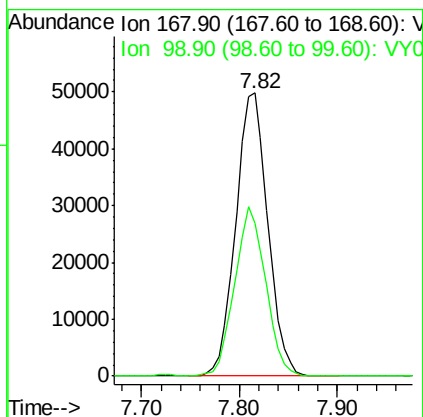
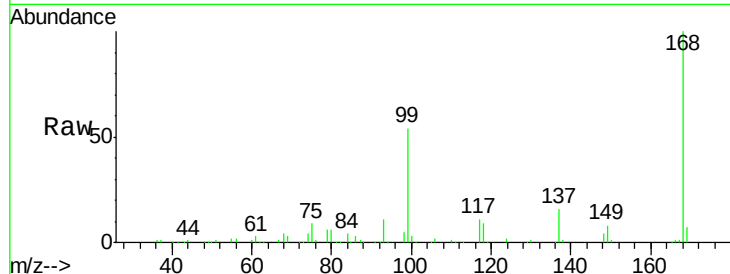




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

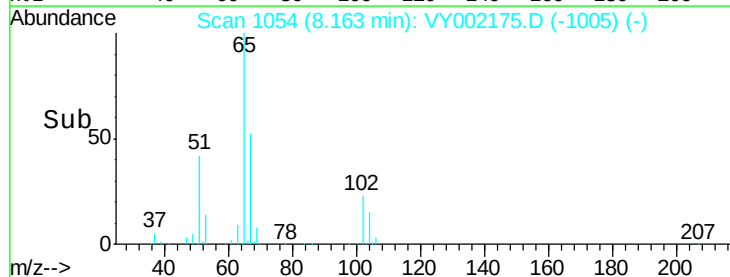
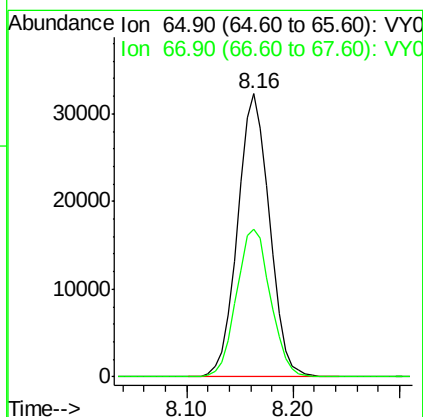
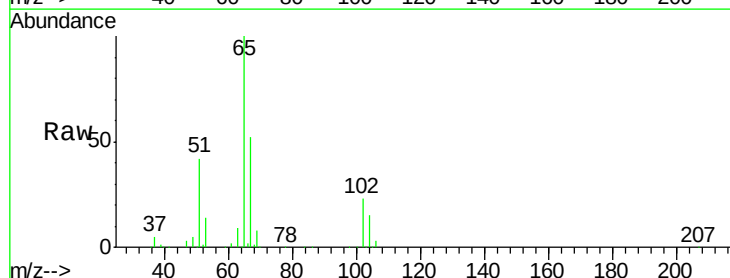
Instrument :
MSVOA_Y
ClientSampled :
TP-5

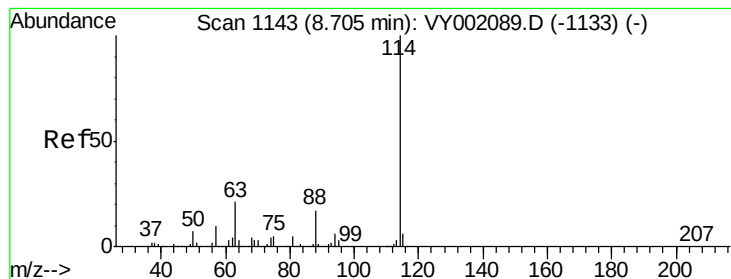
Tot Ion:168 Resp: 113038
Ion Ratio Lower Upper
168 100
99 53.8 47.6 71.4



#33
1,2-Dichloroethane-d4
Concen: 54.424 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Tgt Ion: 65 Resp: 68008
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampled :

TP-5

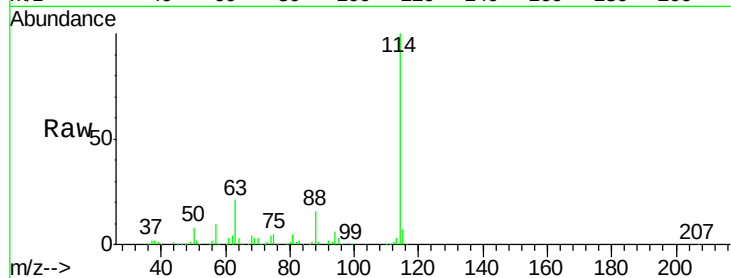
Tot Ion:114 Resp: 214371

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

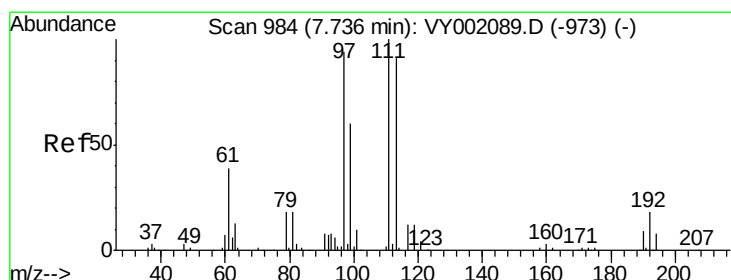
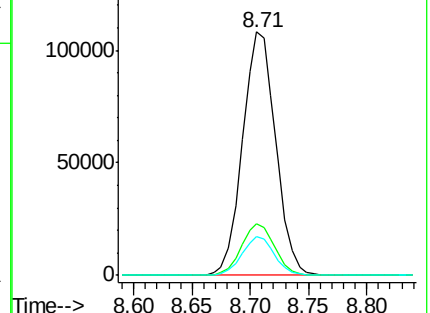
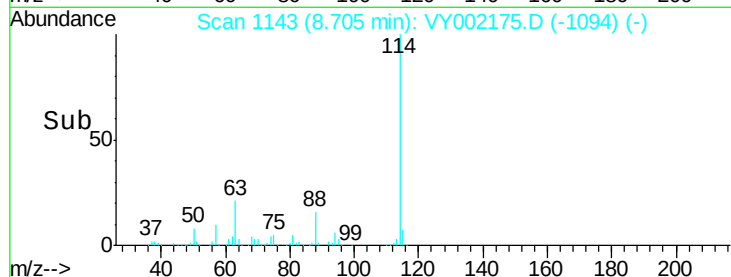
88 15.8 0.0 33.0



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: 54.274 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

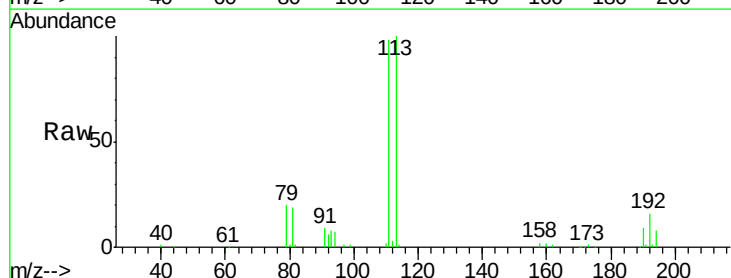
Tgt Ion:113 Resp: 65191

Ion Ratio Lower Upper

113 100

111 102.5 84.4 126.6

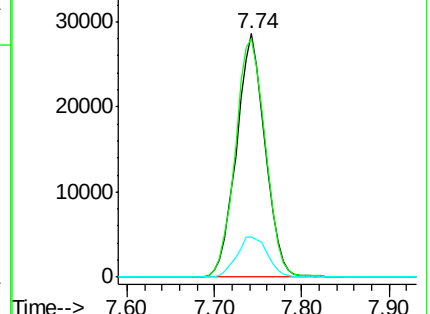
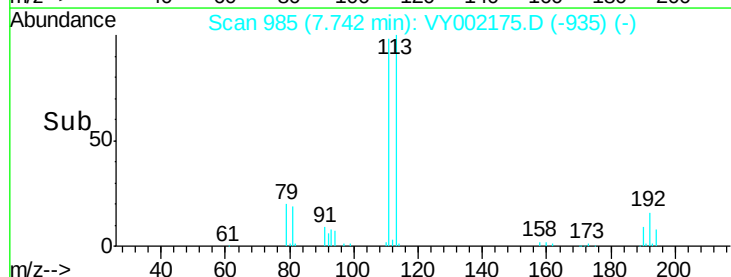
192 17.8 14.6 21.8

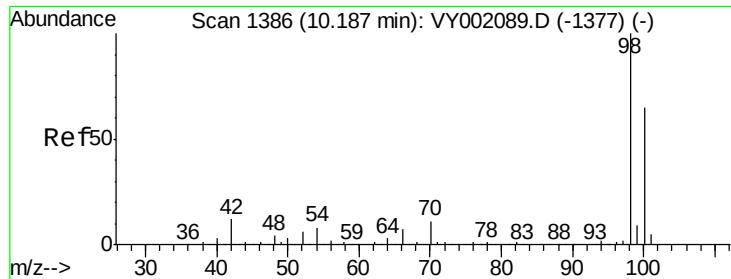


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.542 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

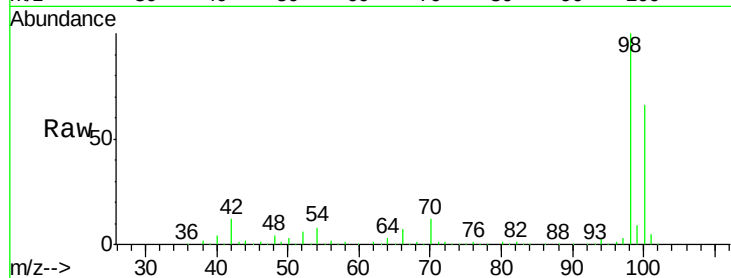
TP-5

Tot Ion: 98 Resp: 252199

Ion Ratio Lower Upper

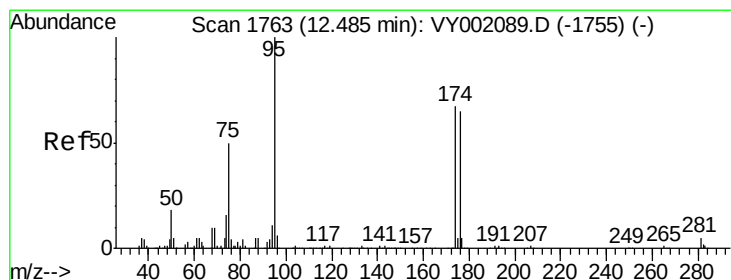
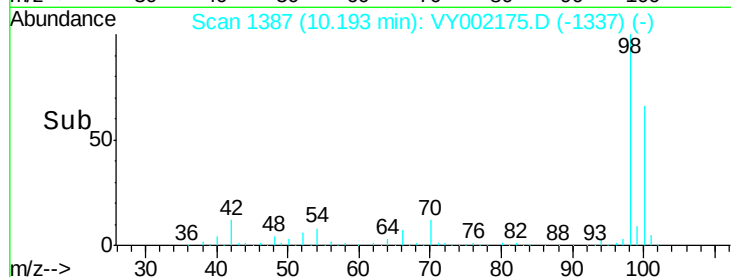
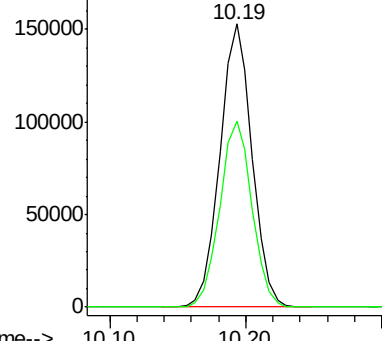
98 100

100 66.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 32.300 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002175.D

Acq: 01 Apr 2020 19:47

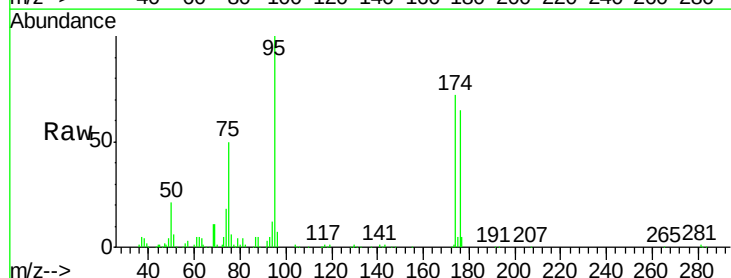
Tgt Ion: 95 Resp: 56368

Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.4

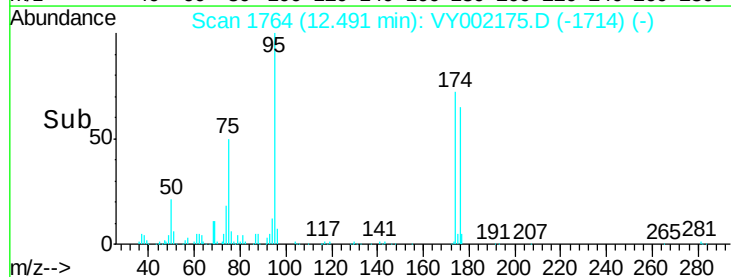
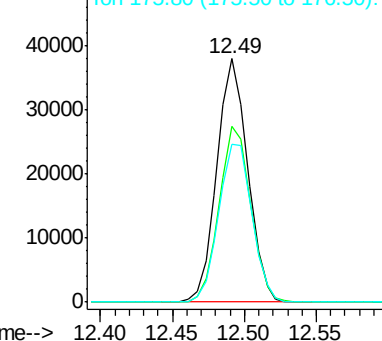
176 69.6 0.0 137.0

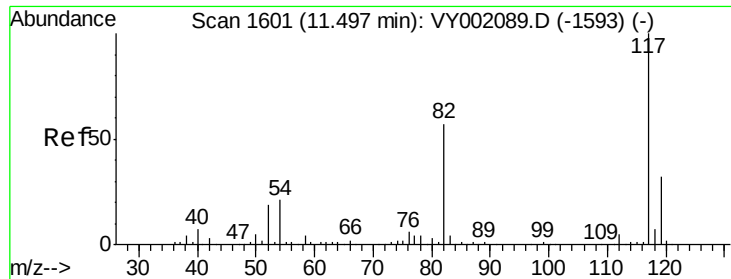


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

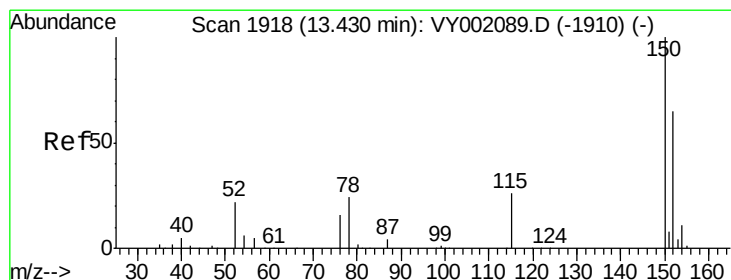
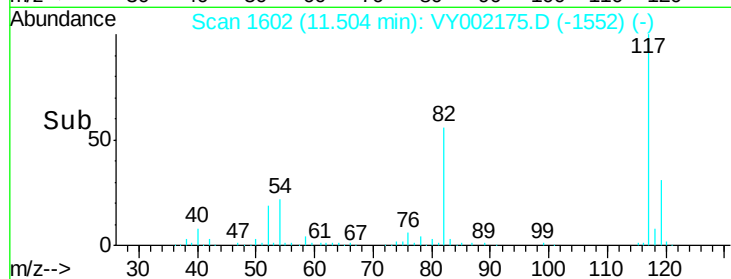
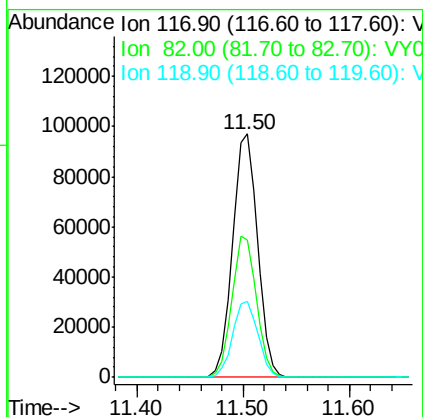
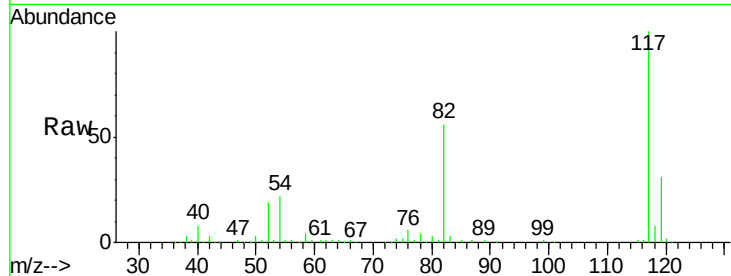




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Instrument :
MSVOA_Y
ClientSampled :
TP-5

Tot Ion:117 Resp: 159761
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002175.D
Acq: 01 Apr 2020 19:47

Tgt Ion:152 Resp: 42768
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 153.3 0.0 354.8

