

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002235.D
 Acq On : 06 Apr 2020 14:32
 Operator : SY/MD
 Sample : L2166-15
 Misc : 6.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-45

Quant Time: Apr 07 05:10:30 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	7.80	168	130074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	256482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	88603	61.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	123.24%	
35) Dibromofluoromethane	7.73	113	78215	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.18	98	316200	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.48	95	112677	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

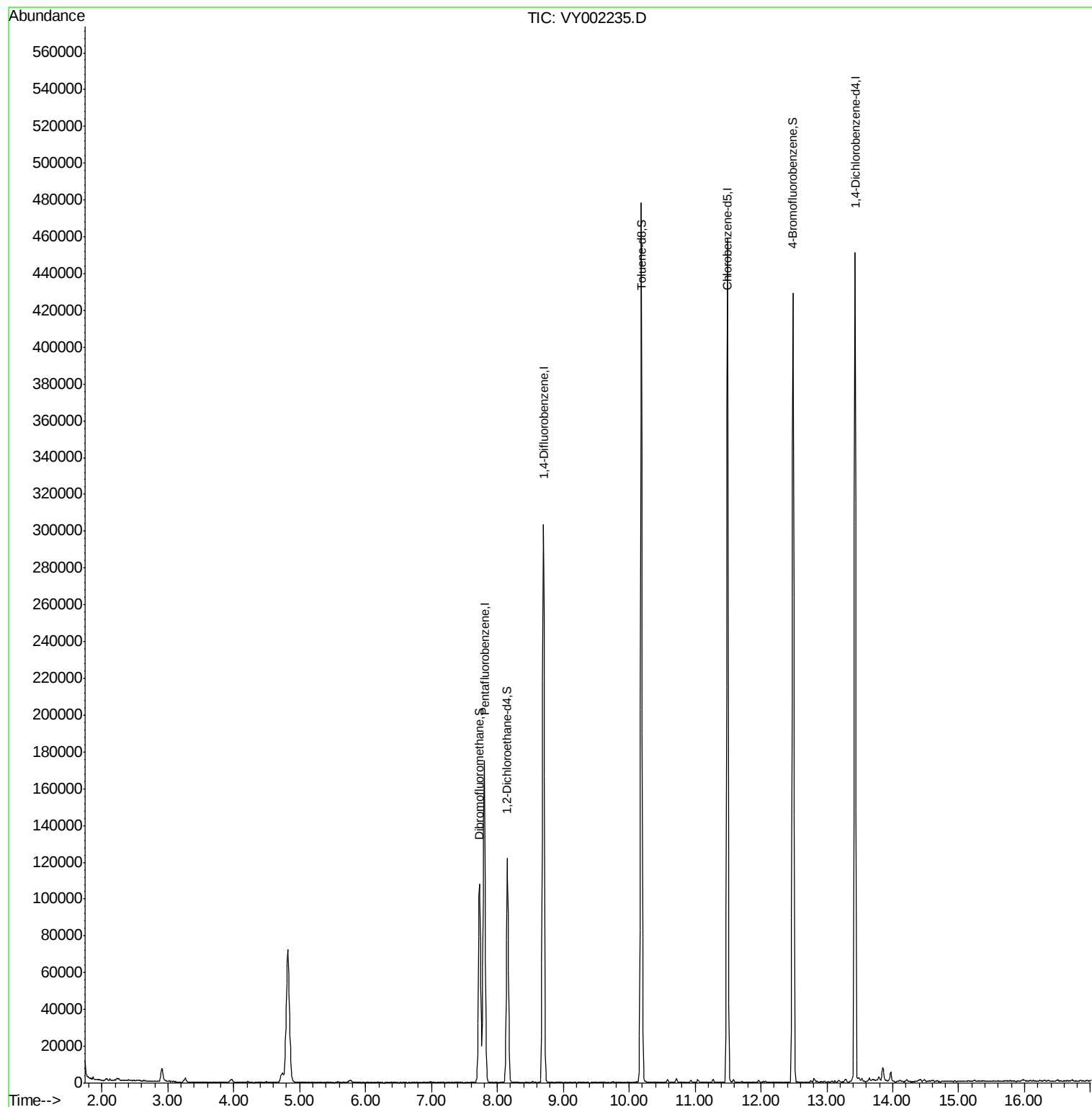
Target Compounds	Qvalue

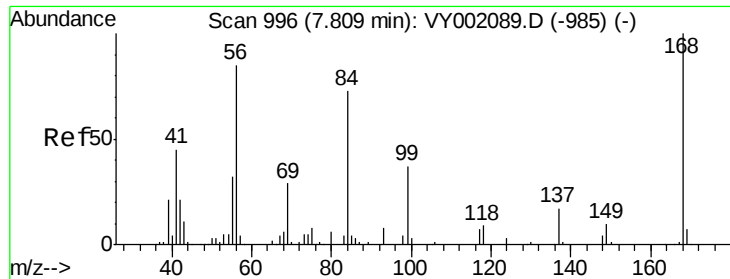
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

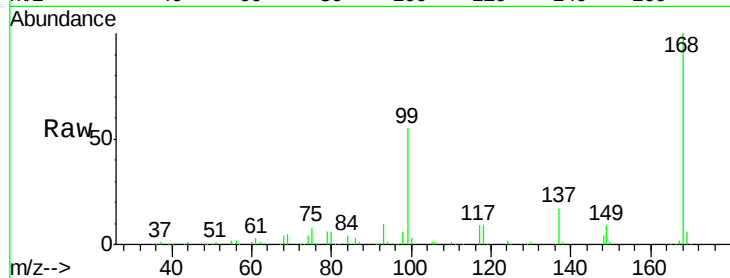
TP-45

Tot Ion:168 Resp: 130074

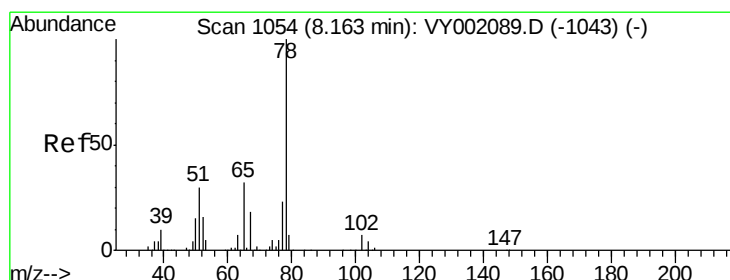
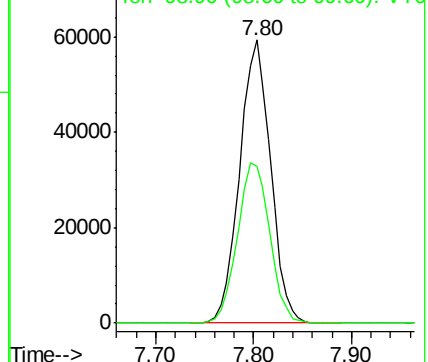
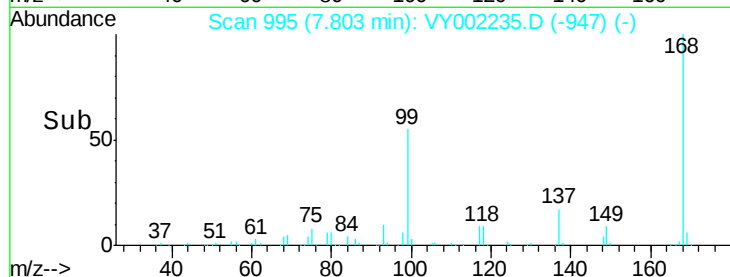
Ion Ratio Lower Upper

168 100

99 55.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002235.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.618 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002235.D

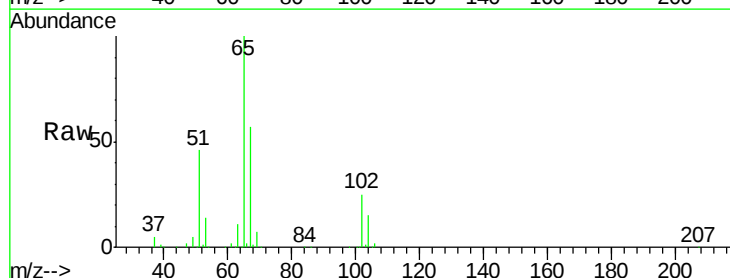
Acq: 06 Apr 2020 14:32

Tgt Ion: 65 Resp: 88603

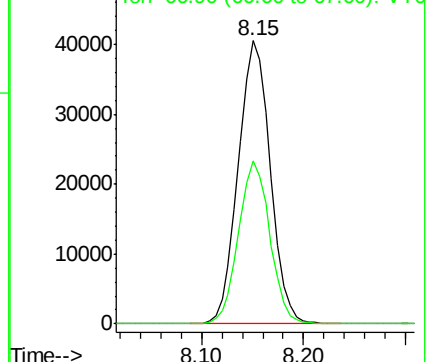
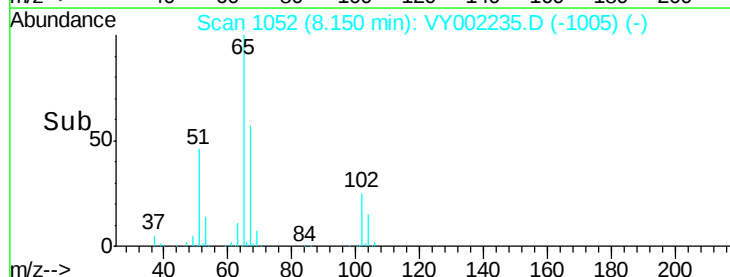
Ion Ratio Lower Upper

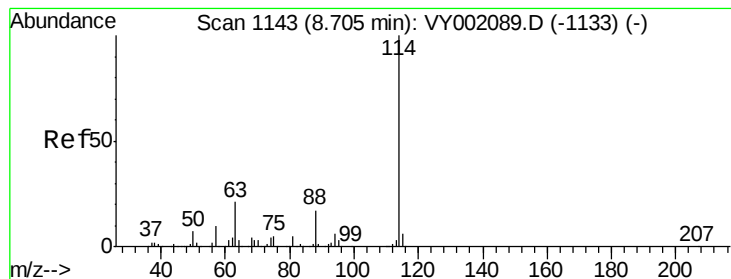
65 100

67 56.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002235.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-45

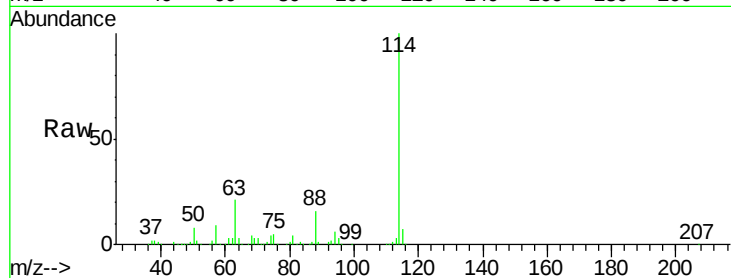
Tot Ion:114 Resp: 256482

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

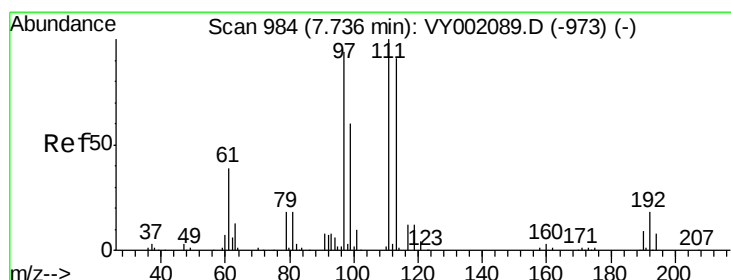
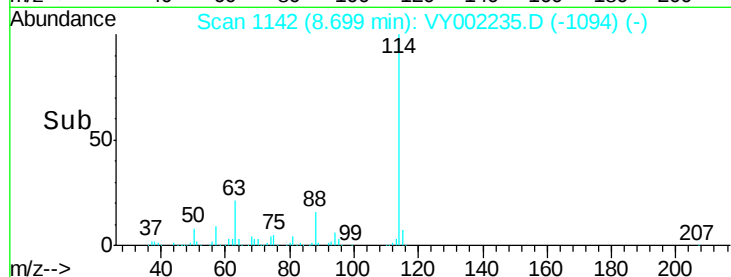
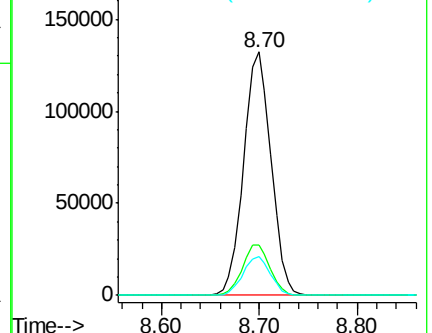
88 16.1 0.0 33.0



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: 54.425 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

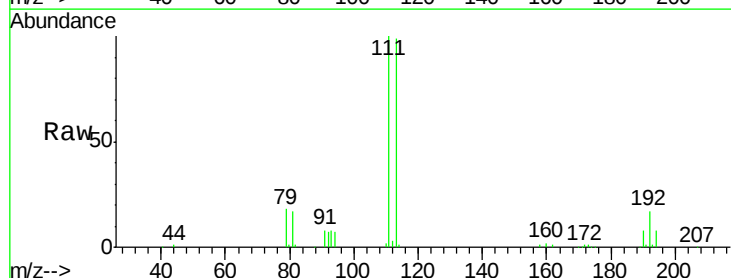
Tgt Ion:113 Resp: 78215

Ion Ratio Lower Upper

113 100

111 103.3 84.4 126.6

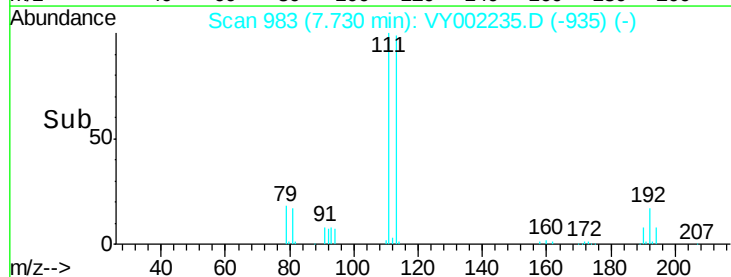
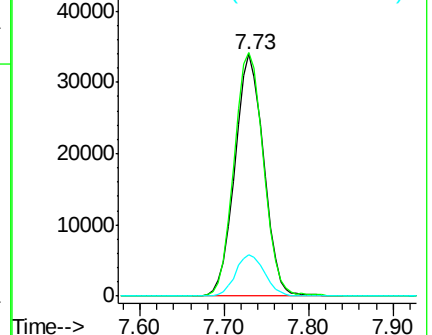
192 17.5 14.6 21.8

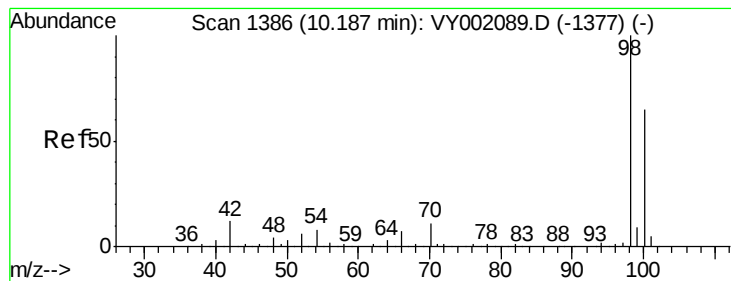


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.964 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

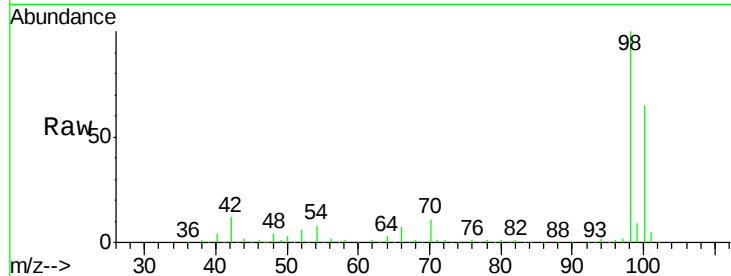
TP-45

Tot Ion: 98 Resp: 316200

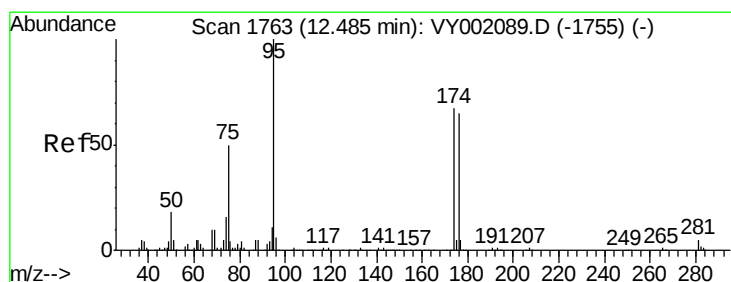
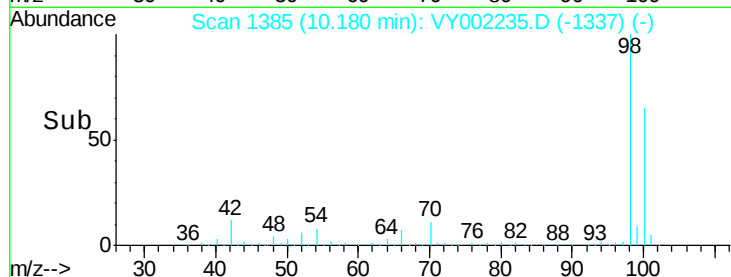
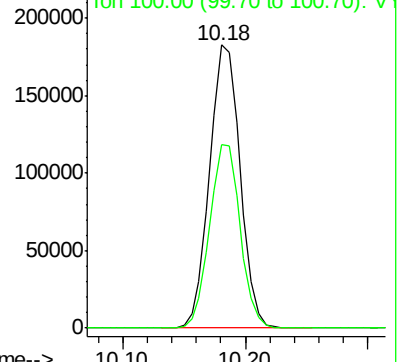
Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 53.966 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

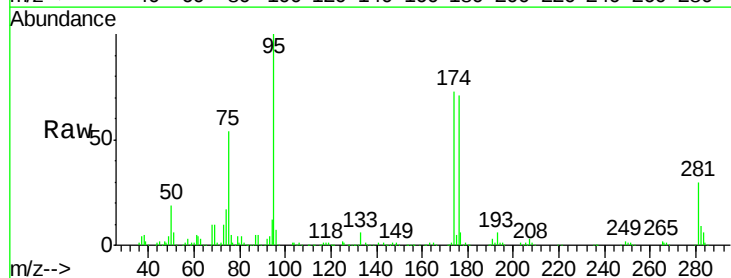
Tgt Ion: 95 Resp: 112677

Ion Ratio Lower Upper

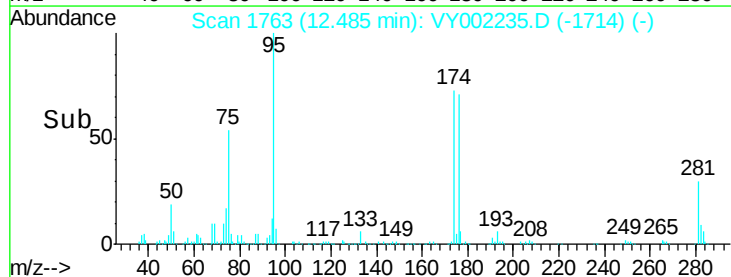
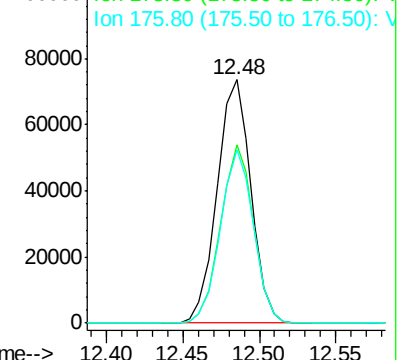
95 100

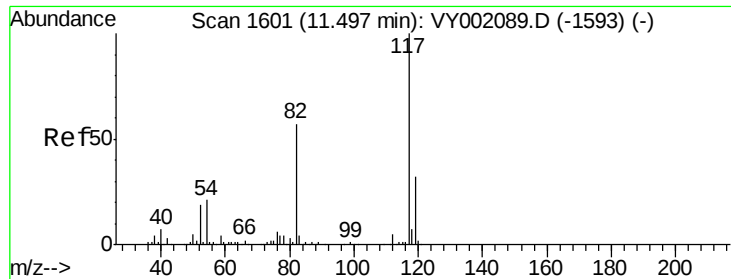
174 71.7 0.0 143.4

176 70.2 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

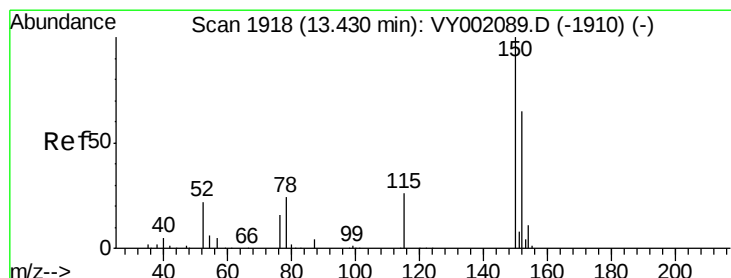
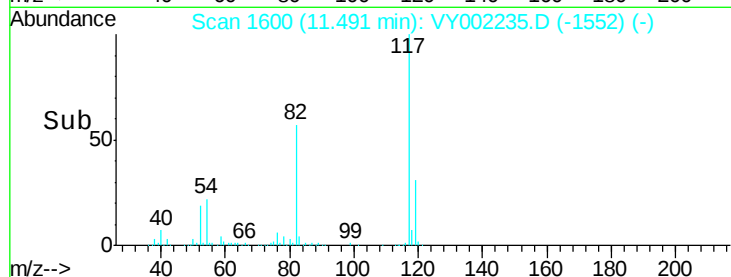
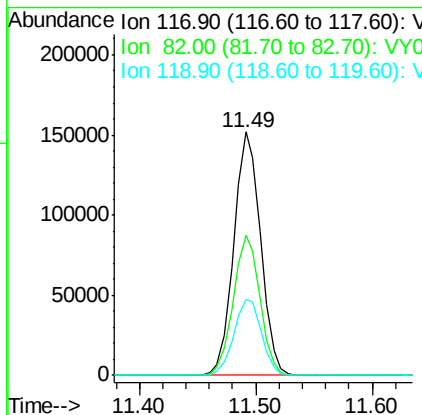
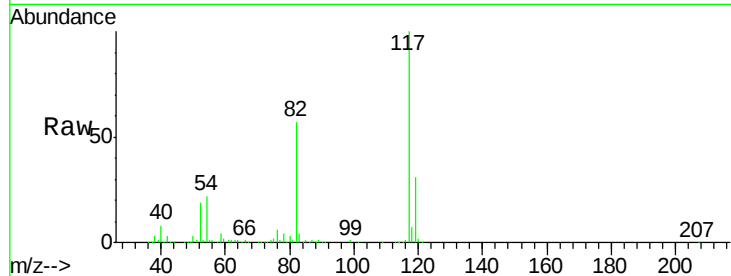




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-45

Tot Ion:117 Resp: 242797
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Tgt Ion:152 Resp: 110078
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 159.8 0.0 354.8

