

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002393.D
 Acq On : 17 Apr 2020 13:00
 Operator : SY/MD
 Sample : L2284-13
 Misc : 9.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(6-7)

Quant Time: Apr 18 06:38:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

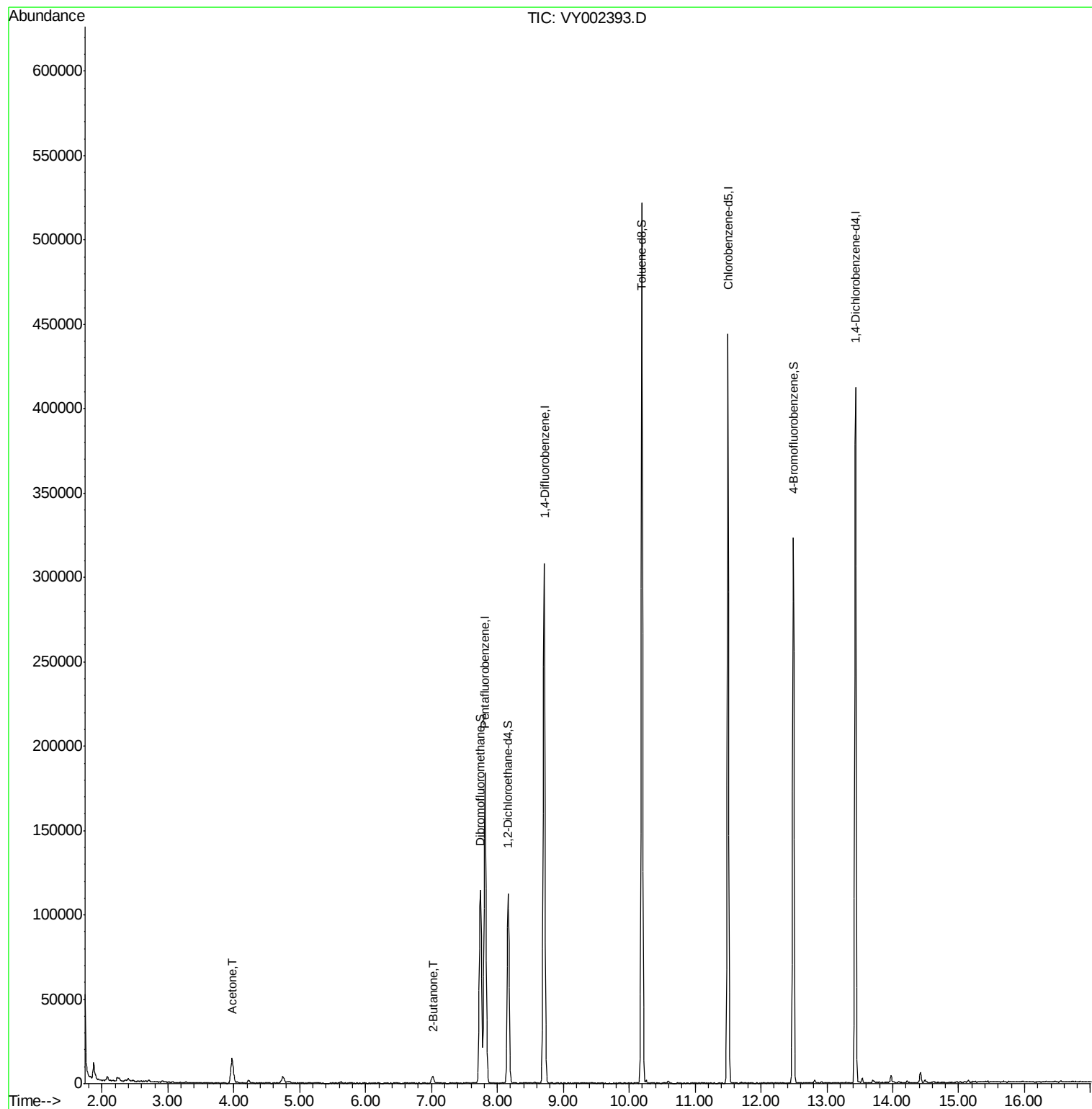
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	144383	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	285976	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	259810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76777	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.74	113	85267	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.19	98	346313	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.49	95	107909	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
16) Acetone	3.97	43	24730	58.477	ug/l	94
25) 2-Butanone	7.02	43	6140	9.174	ug/l	96

(#) = 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: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

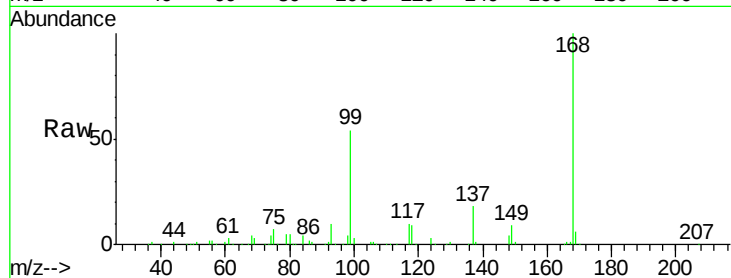
TP-12-(6-7)

Tot Ion:168 Resp: 144383

Ion Ratio Lower Upper

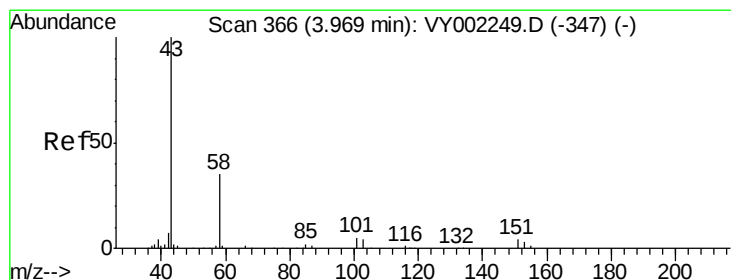
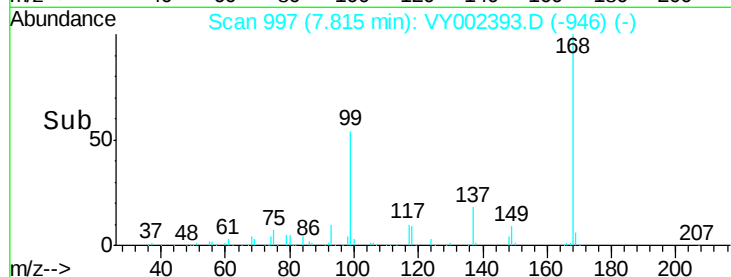
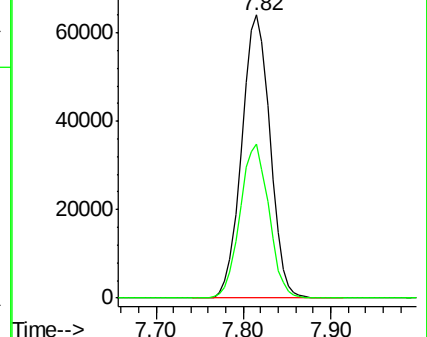
168 100

99 54.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 58.477 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002393.D

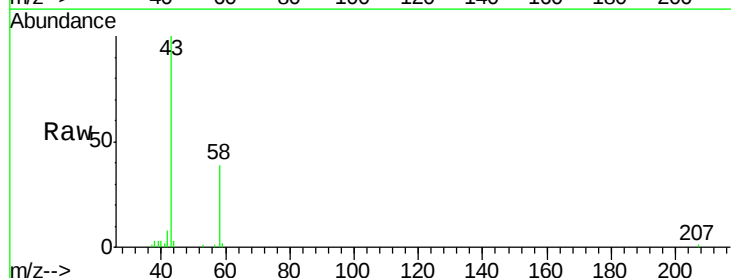
Acq: 17 Apr 2020 13:00

Tgt Ion: 43 Resp: 24730

Ion Ratio Lower Upper

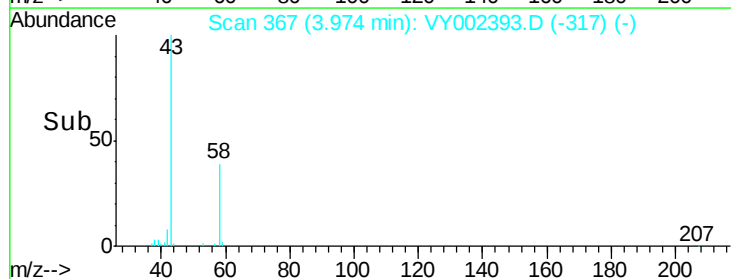
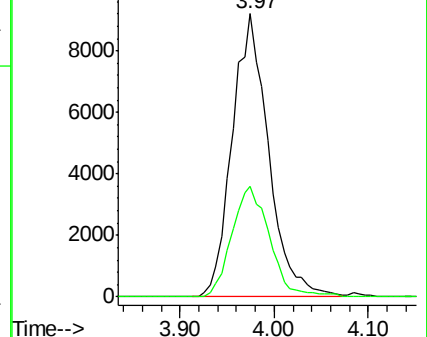
43 100

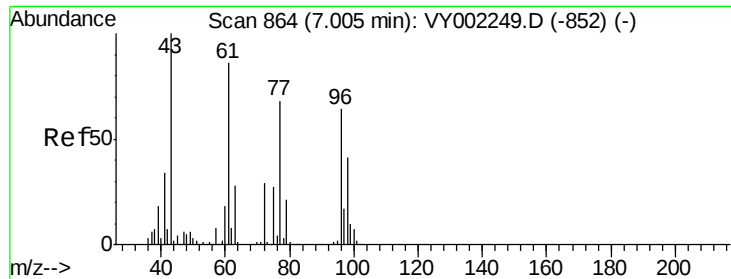
58 39.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#25

2-Butanone

Concen: 9.174 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampled :

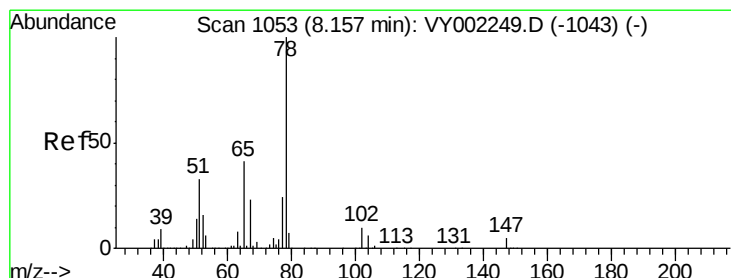
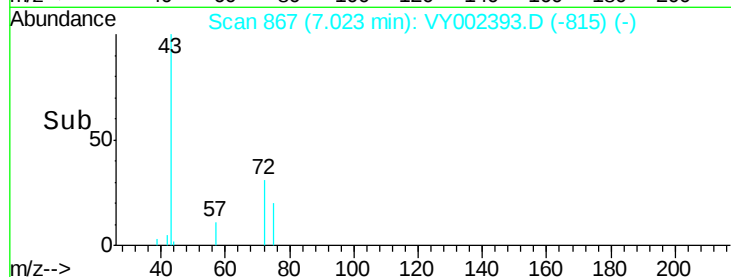
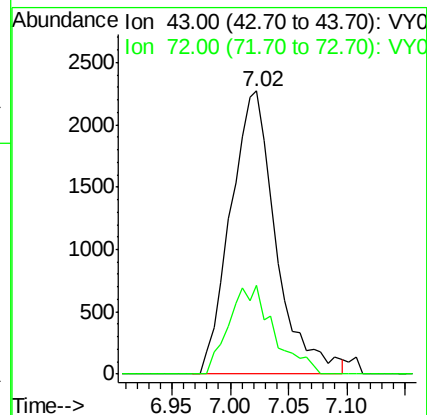
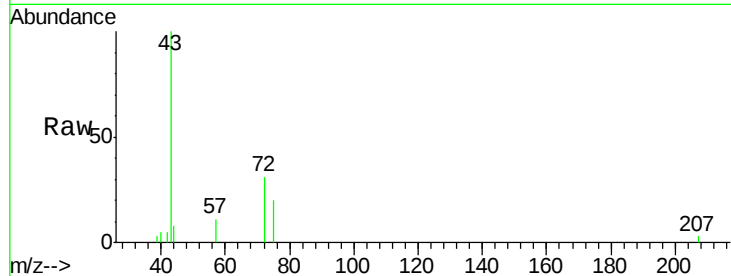
TP-12-(6-7)

Tot Ion: 43 Resp: 6140

Ion Ratio Lower Upper

43 100

72 31.2 23.2 34.8



#33

1,2-Dichloroethane-d4

Concen: 47.817 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002393.D

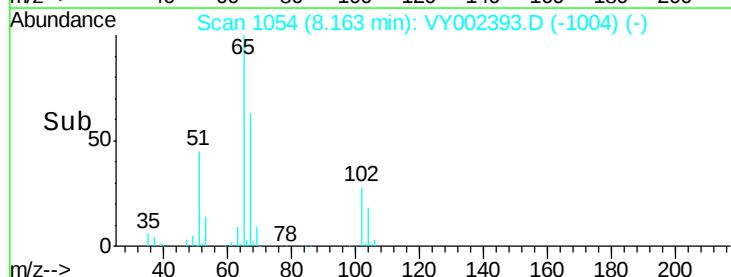
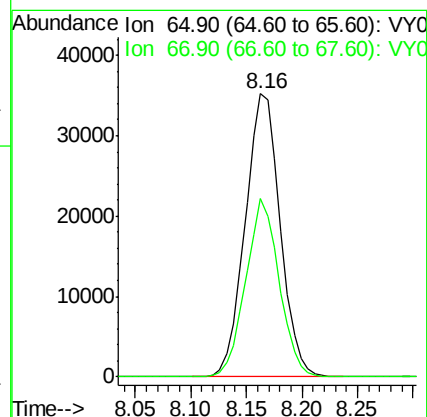
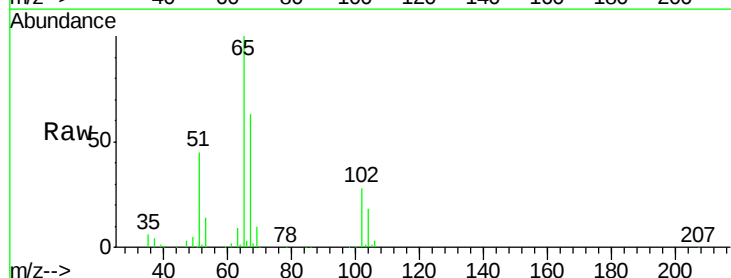
Acq: 17 Apr 2020 13:00

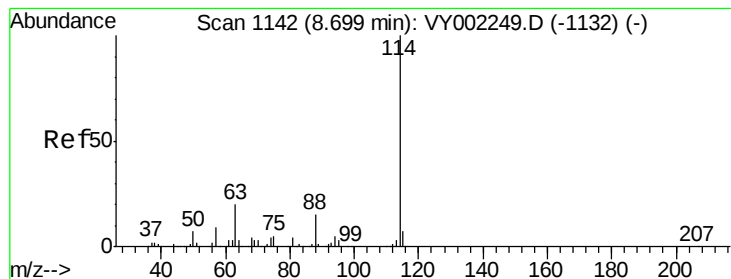
Tgt Ion: 65 Resp: 76777

Ion Ratio Lower Upper

65 100

67 60.1 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-(6-7)

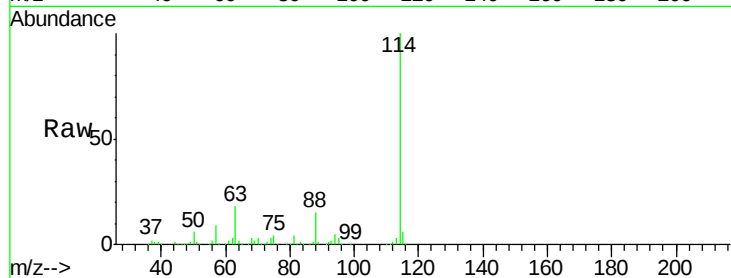
Tot Ion:114 Resp: 285976

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.0

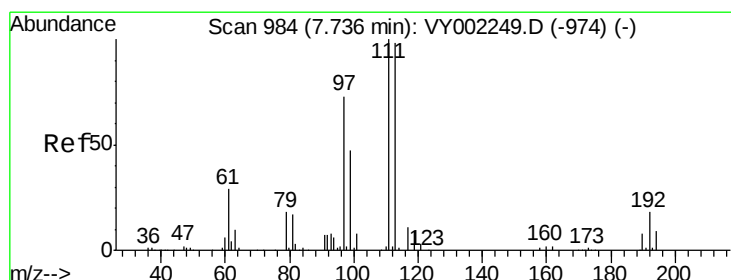
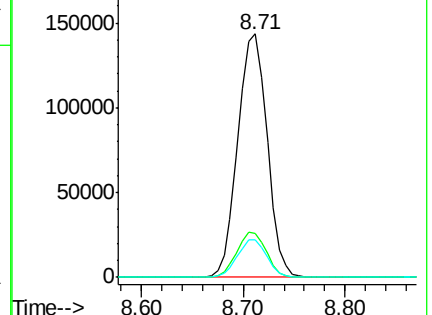
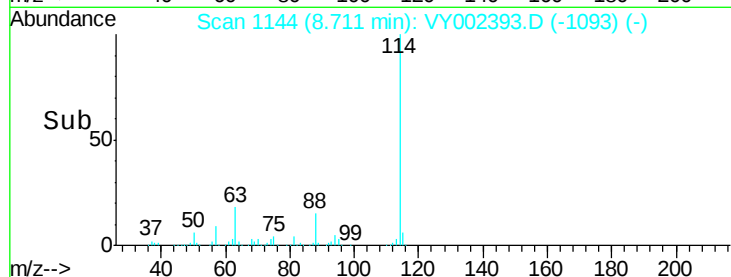
88 15.2 0.0 31.0



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: 50.108 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

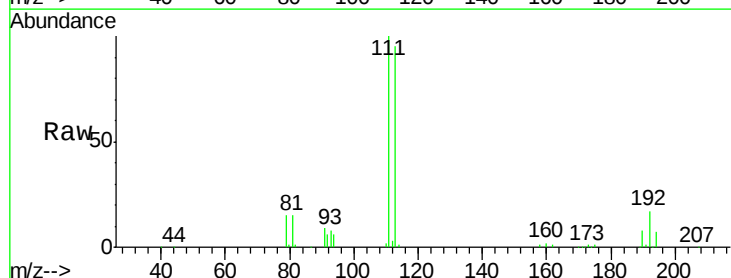
Tgt Ion:113 Resp: 85267

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

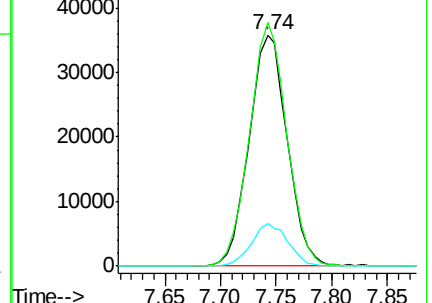
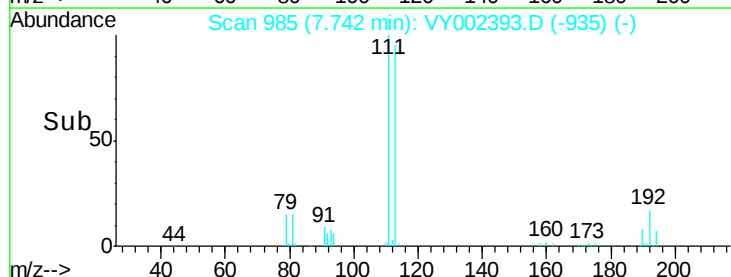
192 17.9 14.7 22.1

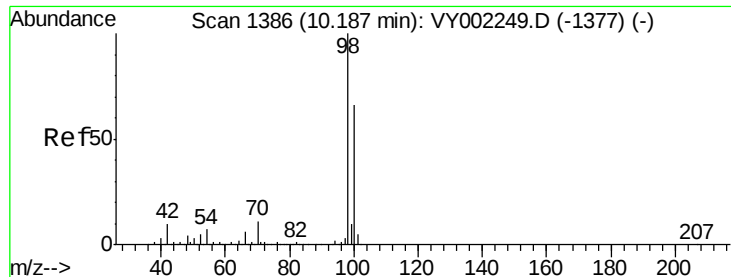


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.623 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

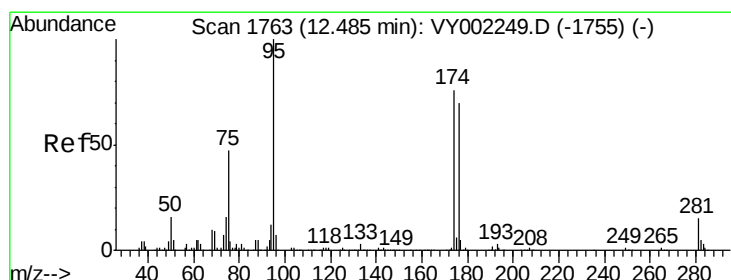
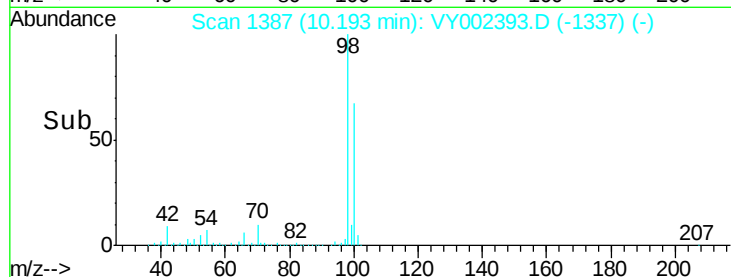
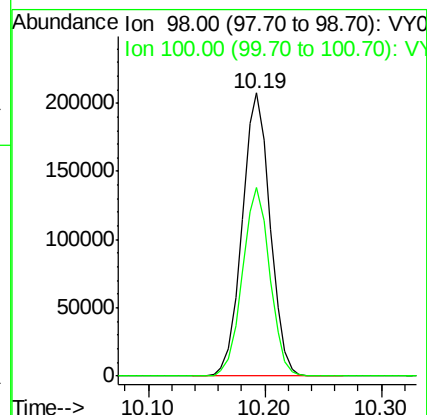
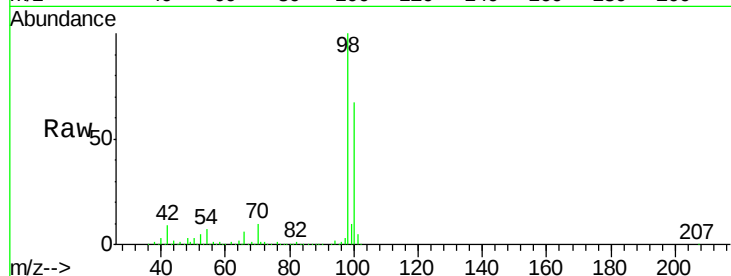
TP-12-(6-7)

Tot Ion: 98 Resp: 346313

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.923 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

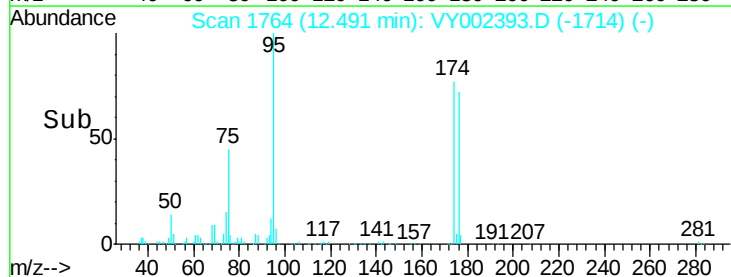
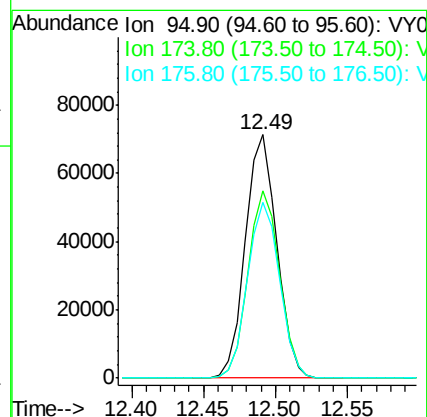
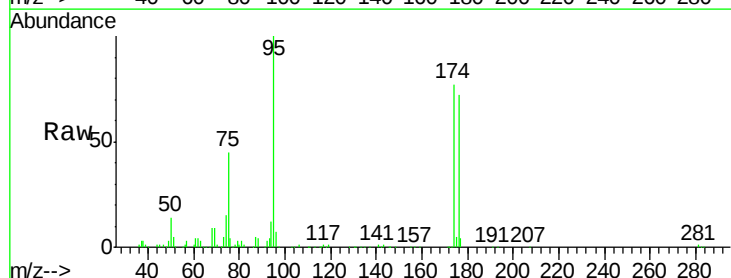
Tgt Ion: 95 Resp: 107909

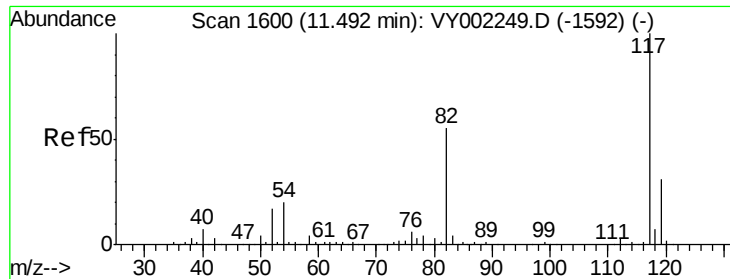
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 73.5 0.0 141.4

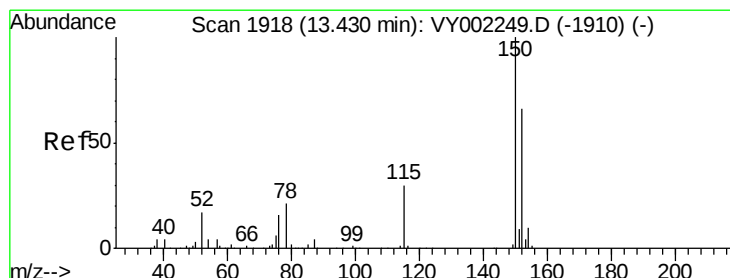
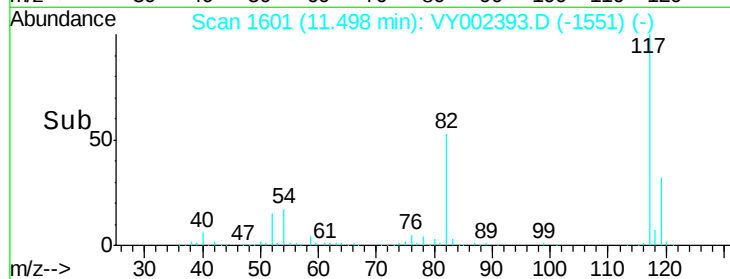
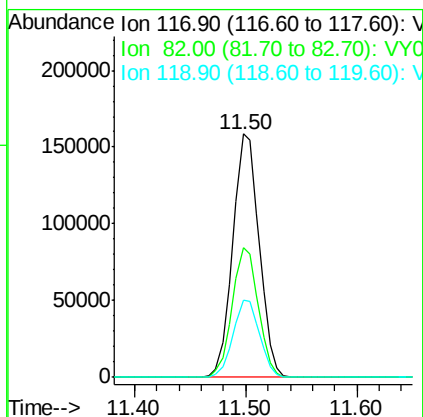
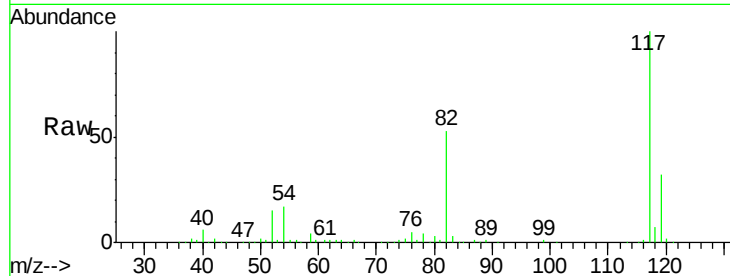




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(6-7)

Tot Ion:117 Resp: 259810
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

Tgt Ion:152 Resp: 105488
Ion Ratio Lower Upper
152 100
115 59.8 30.7 92.1
150 157.5 0.0 350.6

