

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002391.D
 Acq On : 17 Apr 2020 12:15
 Operator : SY/MD
 Sample : L2284-05
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(6-7)

Quant Time: Apr 18 06:18:41 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

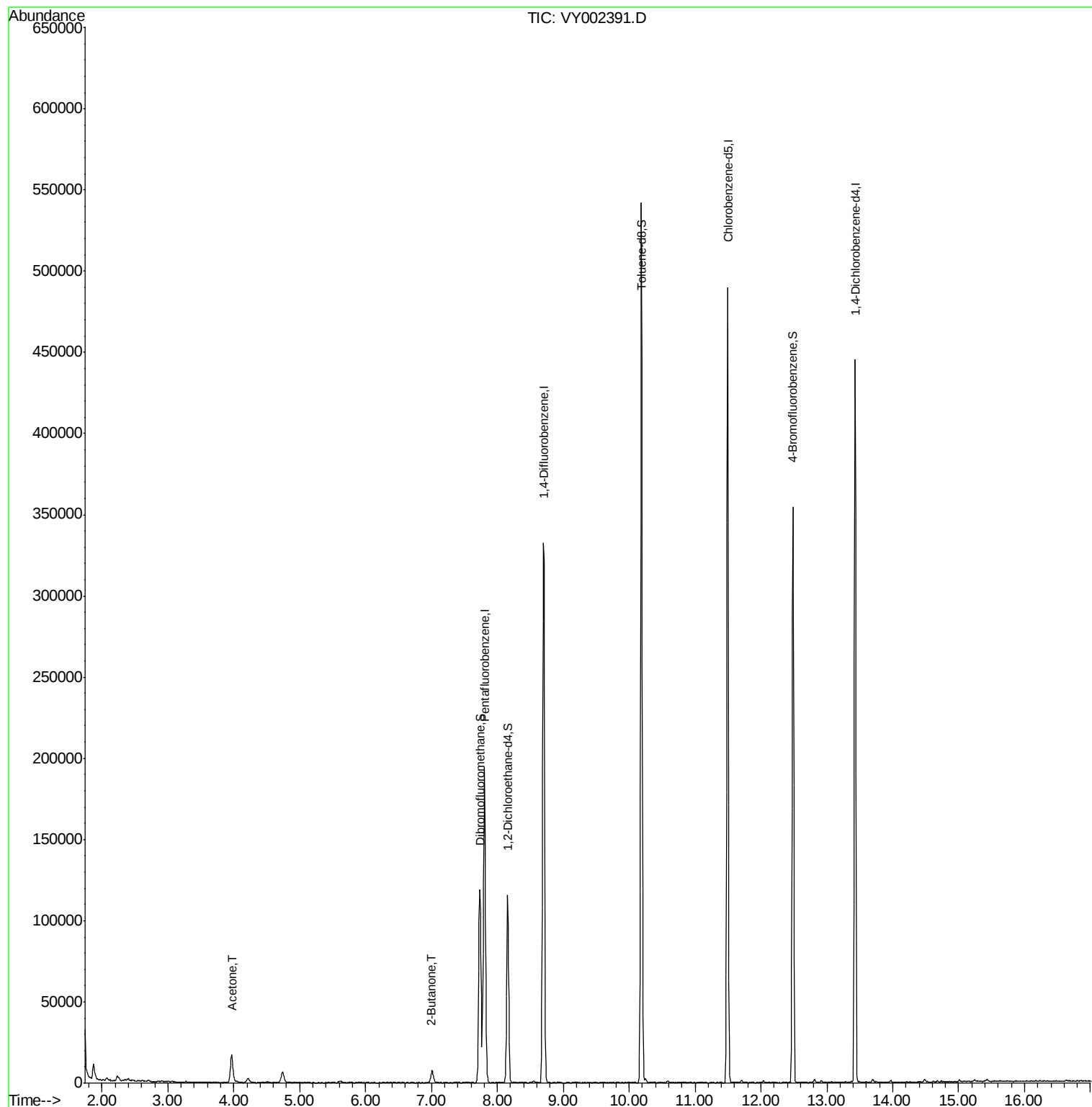
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	149346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	304738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80867	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.74	113	90581	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.19	98	370492	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.49	95	120281	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
16) Acetone	3.97	43	28555	65.278	ug/l	89
25) 2-Butanone	7.00	43	12242	17.684	ug/l #	89

(#) = 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. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

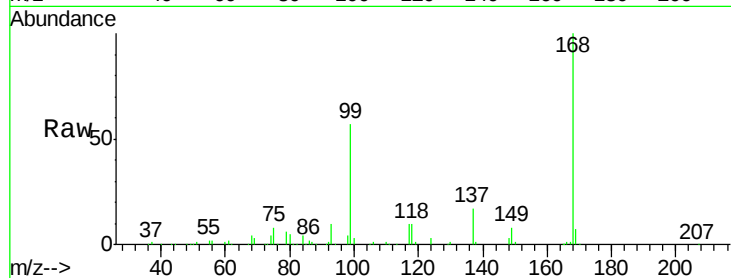
TP-11-(6-7)

Tot Ion:168 Resp: 149346

Ion Ratio Lower Upper

168 100

99 56.6 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) (-)

7.80

60000

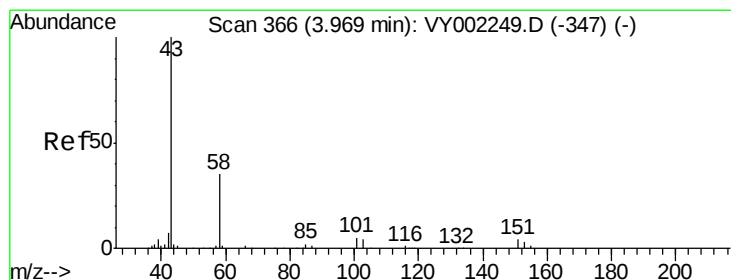
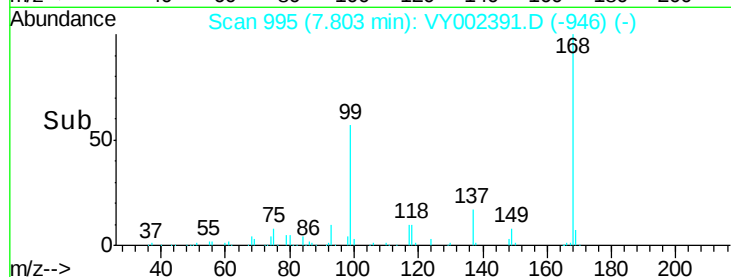
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 65.278 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002391.D

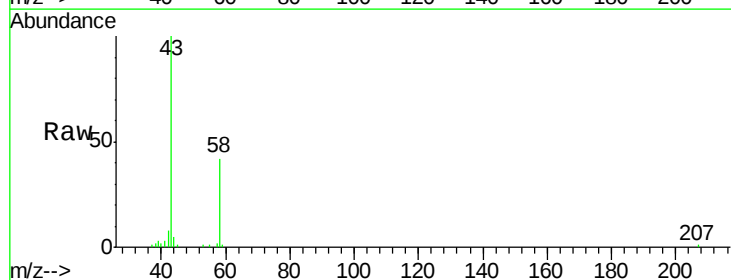
Acq: 17 Apr 2020 12:15

Tgt Ion: 43 Resp: 28555

Ion Ratio Lower Upper

43 100

58 42.3 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) (-)

3.97

12000

10000

8000

6000

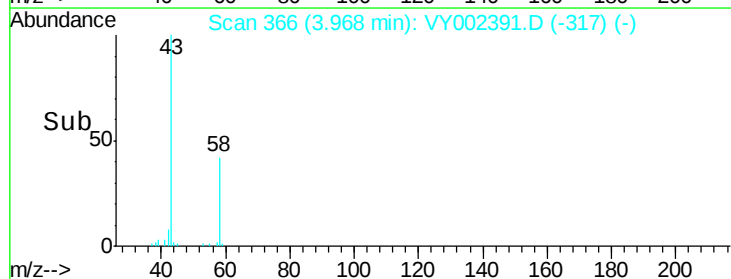
4000

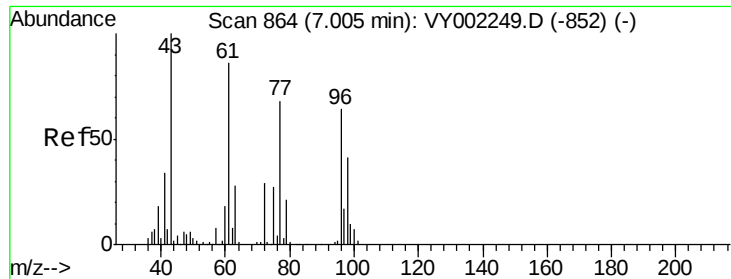
2000

0

3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 17.684 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

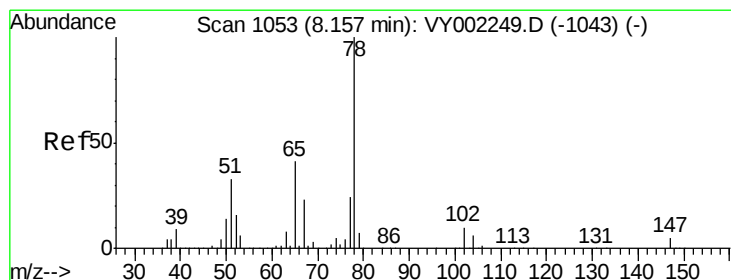
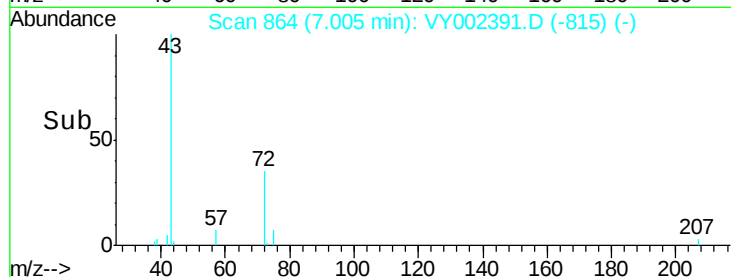
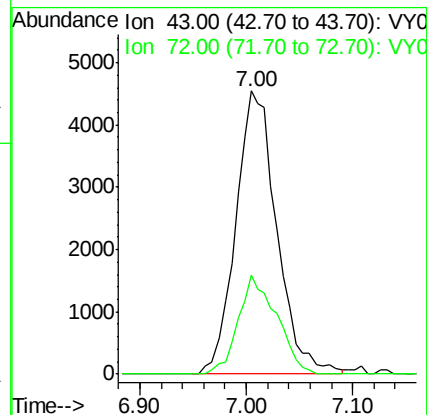
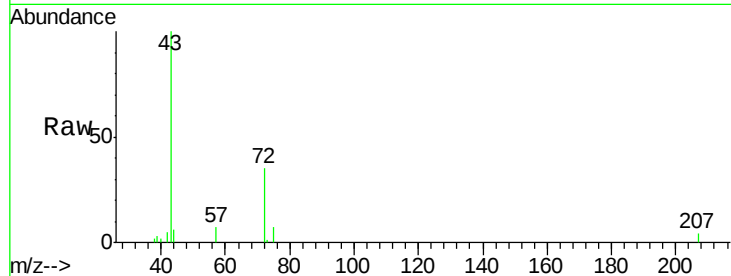
TP-11-(6-7)

Tot Ion: 43 Resp: 12242

Ion Ratio Lower Upper

43 100

72 34.9 23.2 34.8#



#33

1,2-Dichloroethane-d4

Concen: 48.691 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002391.D

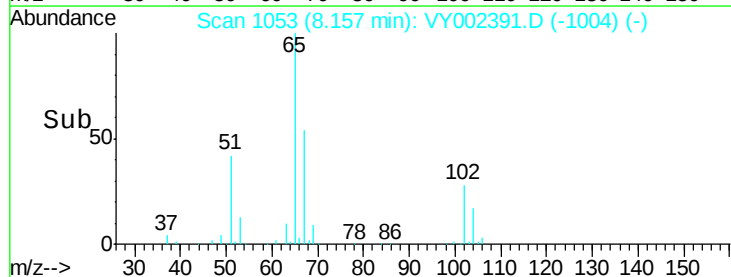
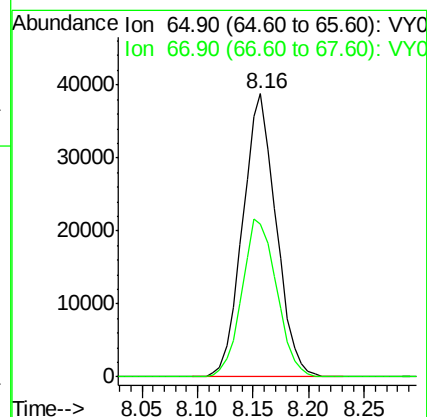
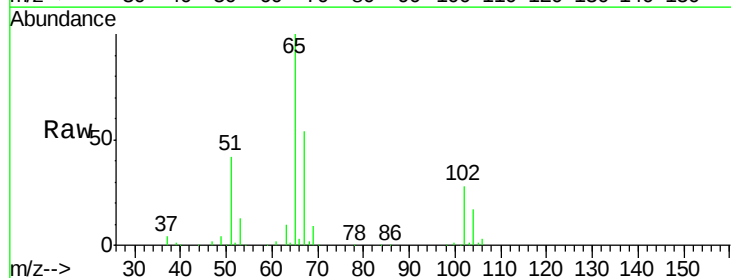
Acq: 17 Apr 2020 12:15

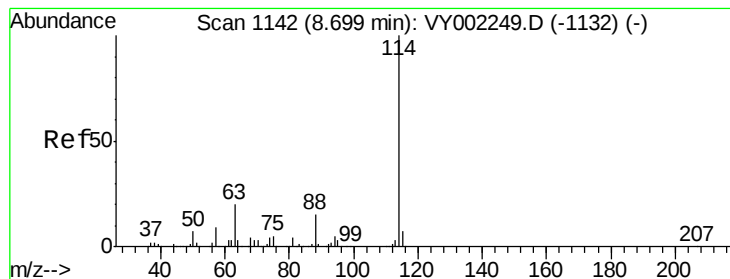
Tgt Ion: 65 Resp: 80867

Ion Ratio Lower Upper

65 100

67 57.8 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-(6-7)

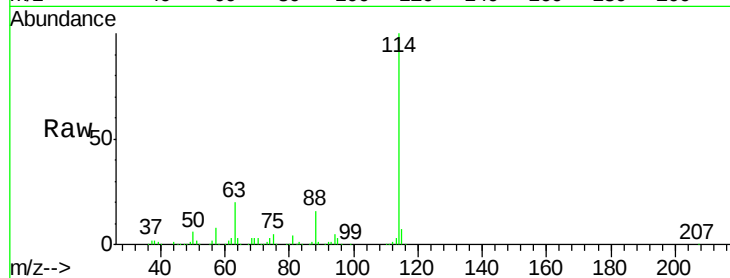
Tot Ion:114 Resp: 304738

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

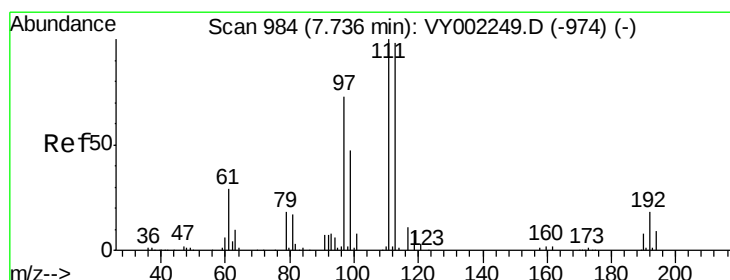
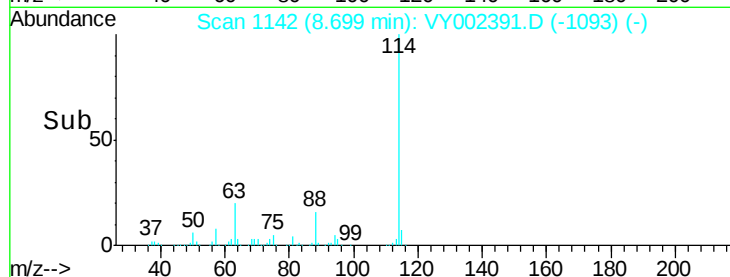
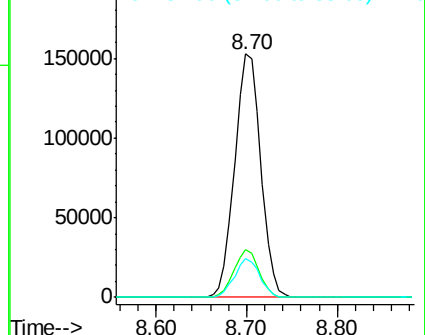
88 15.7 0.0 31.0



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: 49.954 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

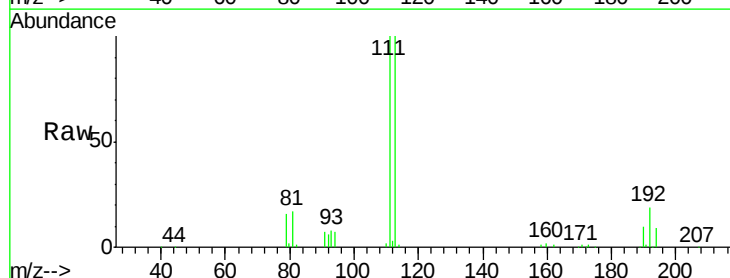
Tgt Ion:113 Resp: 90581

Ion Ratio Lower Upper

113 100

111 102.2 83.5 125.3

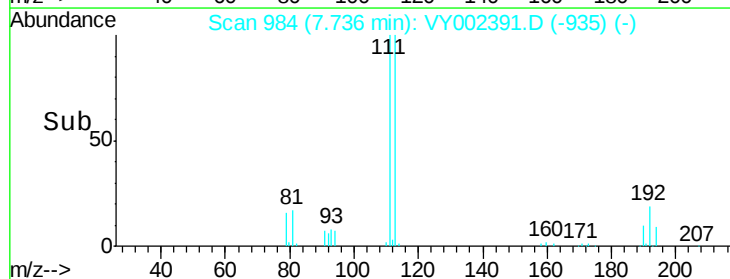
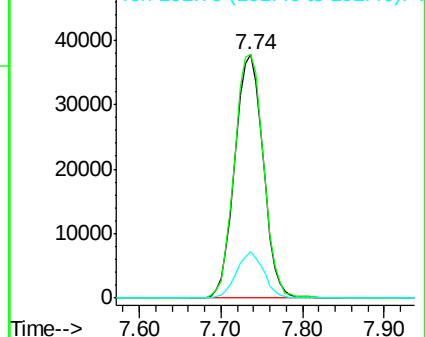
192 18.2 14.7 22.1

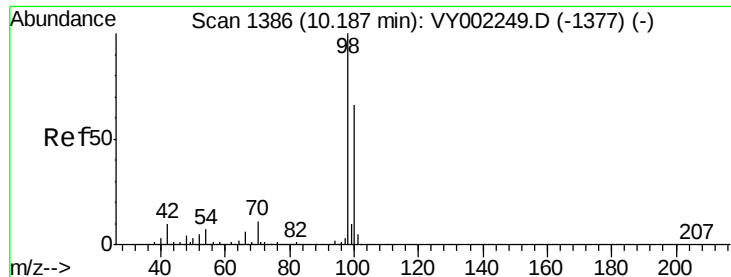


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.815 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

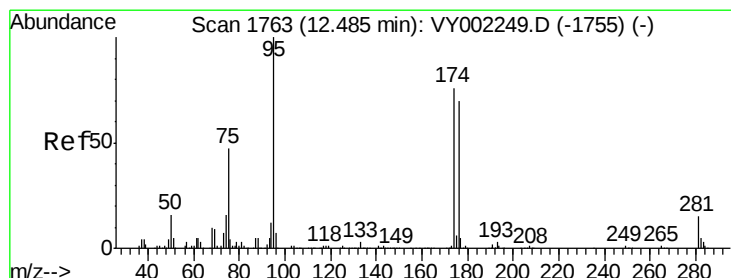
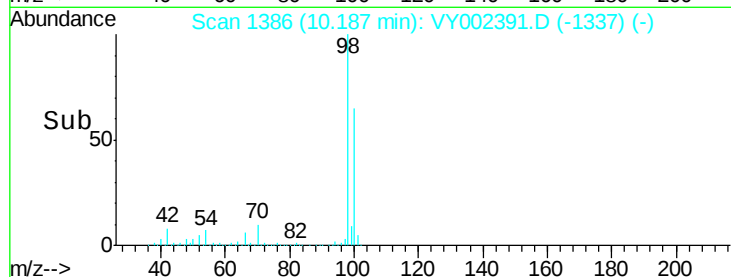
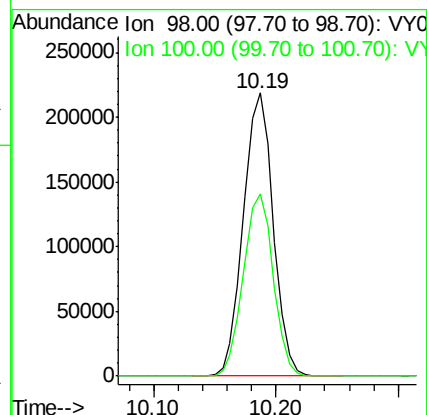
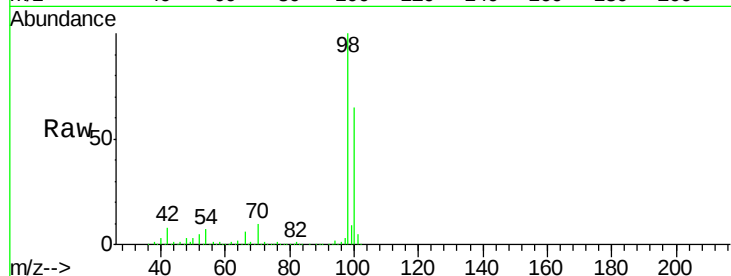
TP-11-(6-7)

Tot Ion: 98 Resp: 370492

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.037 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

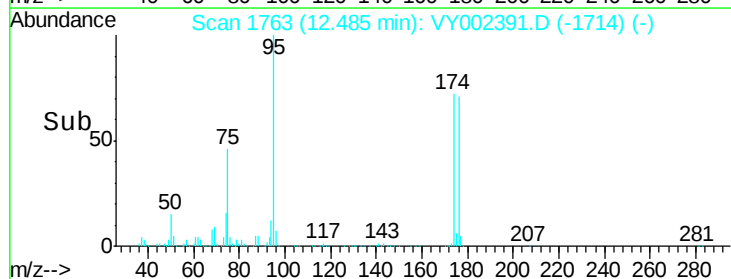
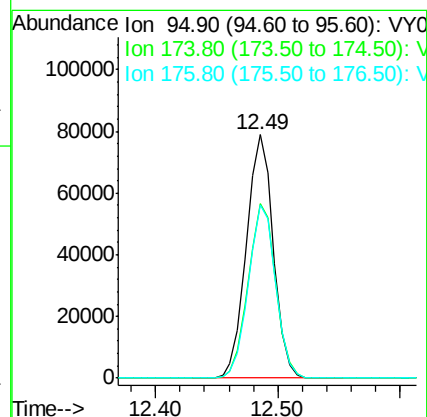
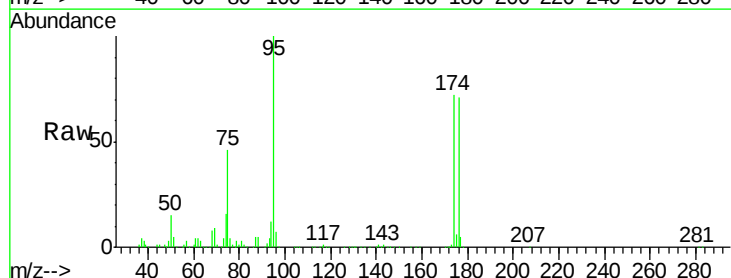
Tgt Ion: 95 Resp: 120281

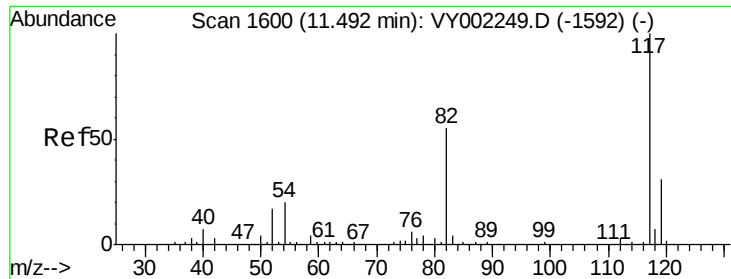
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.6

176 72.1 0.0 141.4

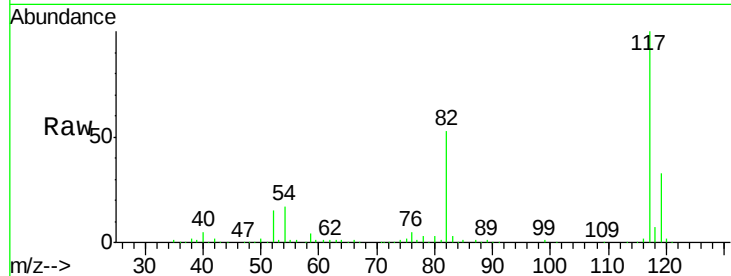




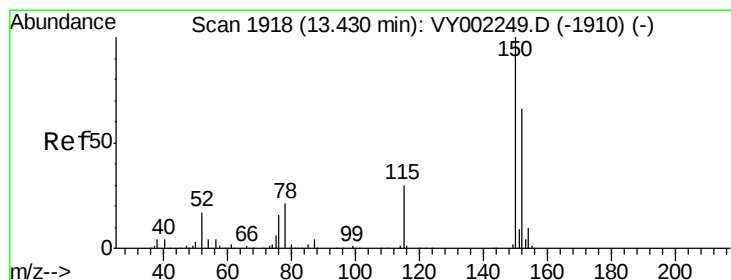
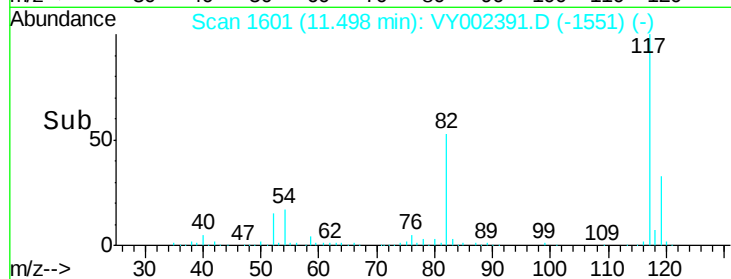
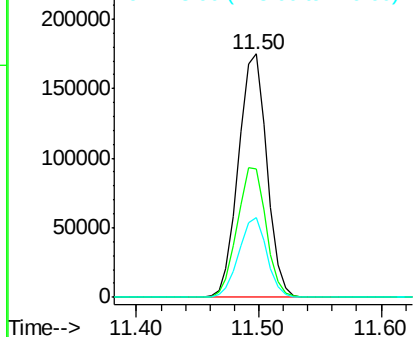
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(6-7)

Tot Ion:117 Resp: 280876
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 32.6 25.1 37.7

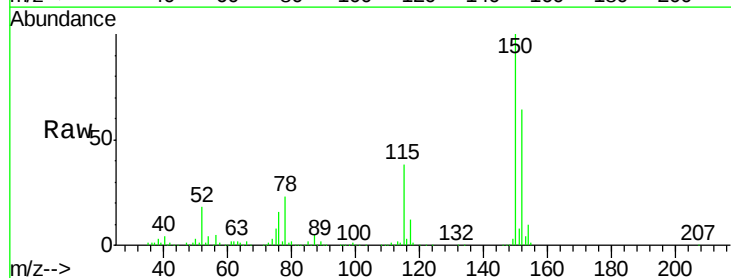


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

Tgt Ion:152 Resp: 115341
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 159.2 0.0 350.6



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

