

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002361.D
 Acq On : 16 Apr 2020 13:03
 Operator : SY/MD
 Sample : L2245-20
 Misc : 4.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22

Quant Time: Apr 17 07:34:33 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

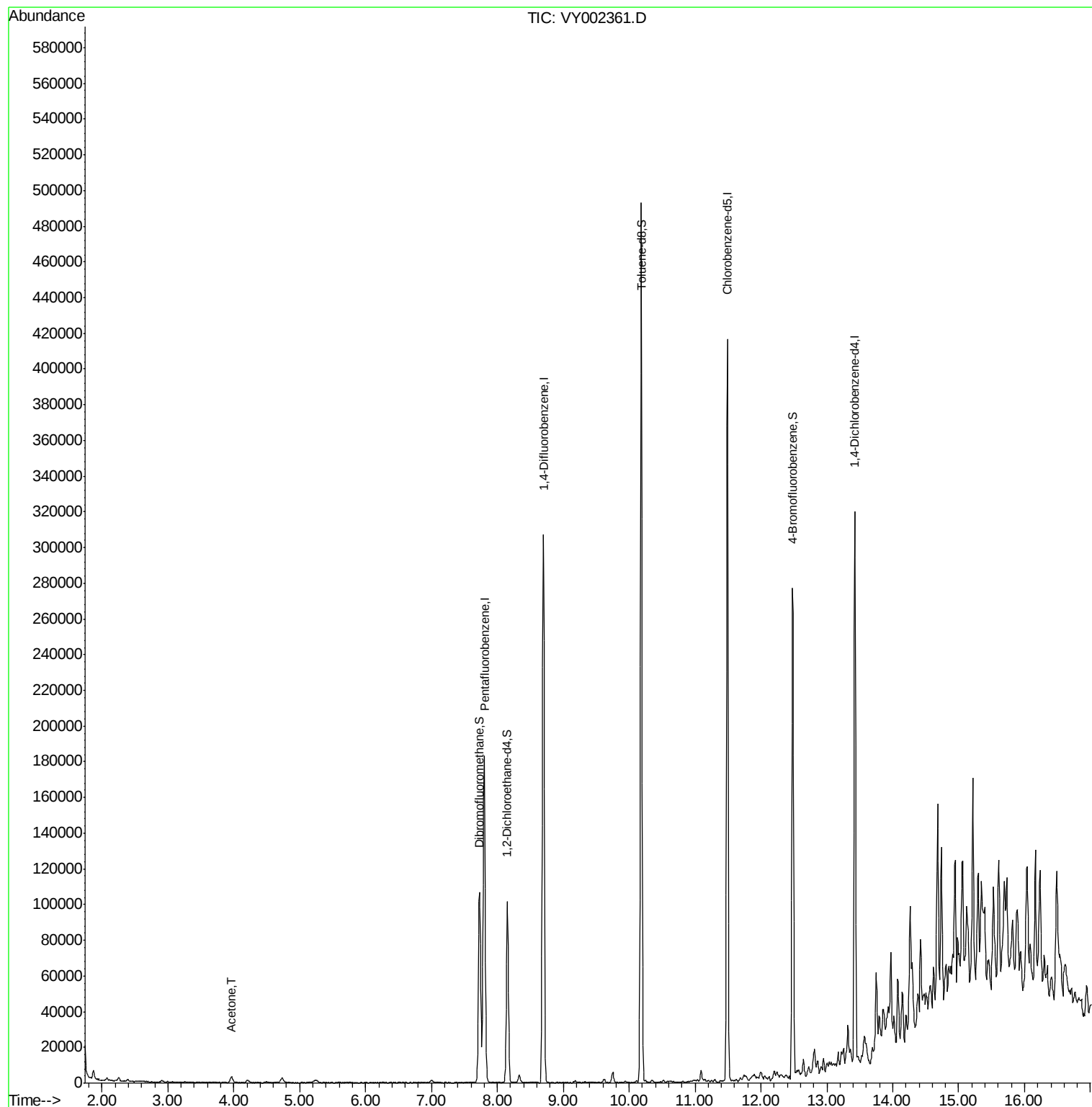
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	147897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	280876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	80591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72302	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
35) Dibromofluoromethane	7.73	113	79122	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.18	98	330433	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	12.48	95	92999	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
Target Compounds						
16) Acetone	3.96	43	6136	14.165	ug/l	Qvalue 93

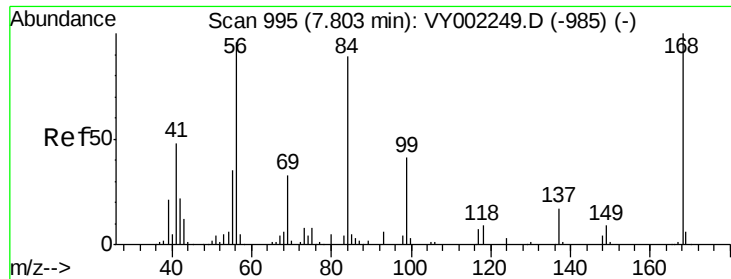
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002361.D

Acq: 16 Apr 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

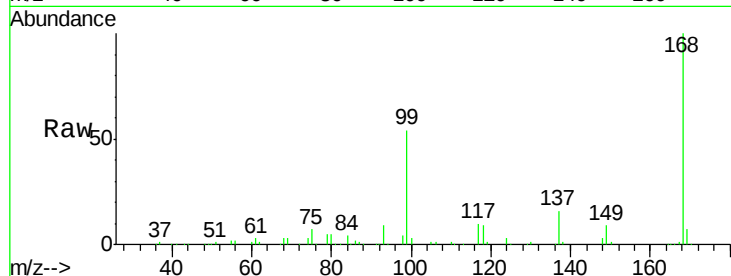
TP-22

Tot Ion:168 Resp: 147897

Ion Ratio Lower Upper

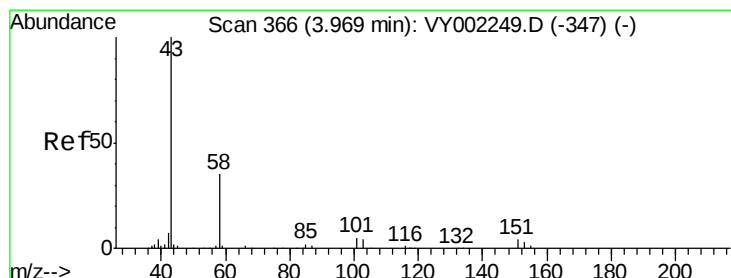
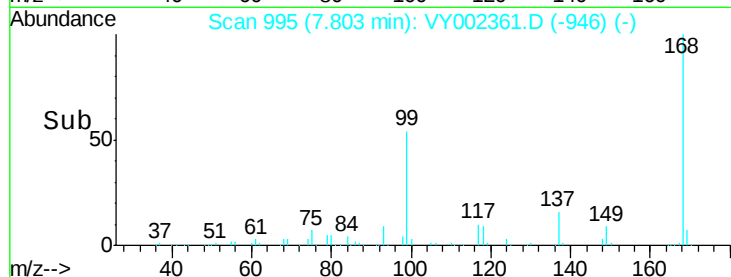
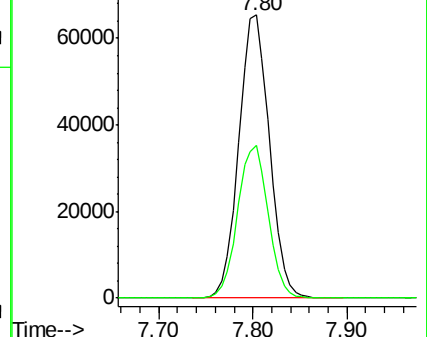
168 100

99 53.8 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: 14.165 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002361.D

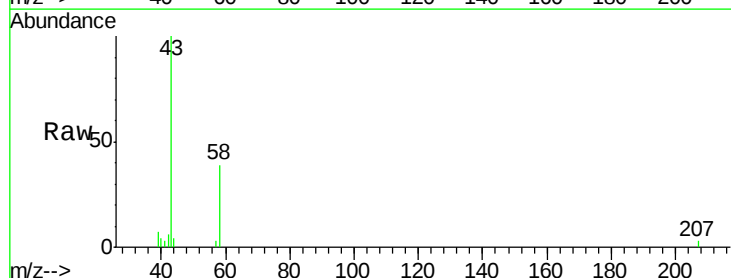
Acq: 16 Apr 2020 13:03

Tgt Ion: 43 Resp: 6136

Ion Ratio Lower Upper

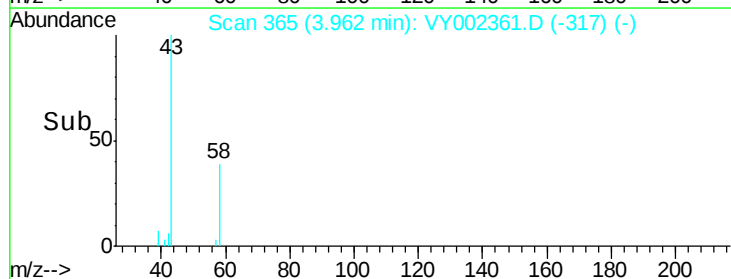
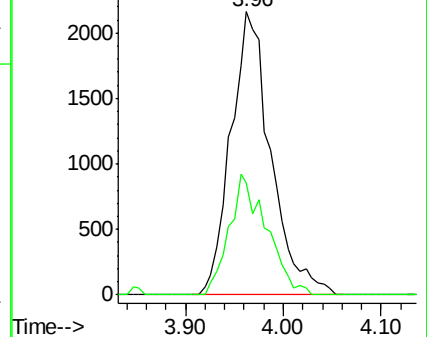
43 100

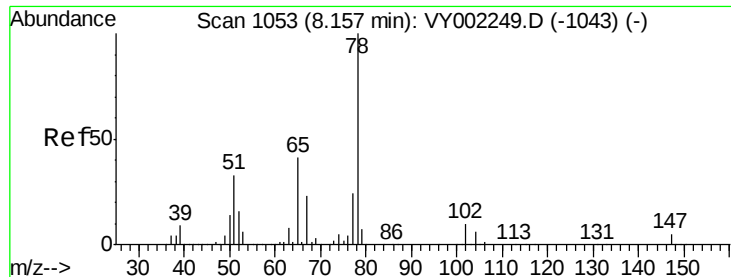
58 39.4 28.5 42.7



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

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





#33

1,2-Dichloroethane-d4

Concen: 43.960 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

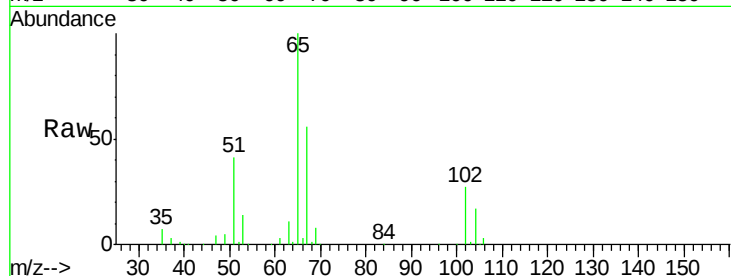
TP-22

Tot Ion: 65 Resp: 72302

Ion Ratio Lower Upper

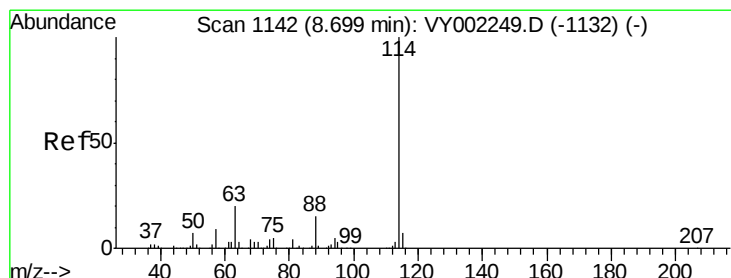
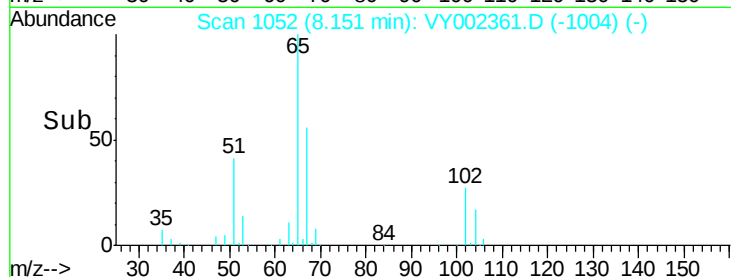
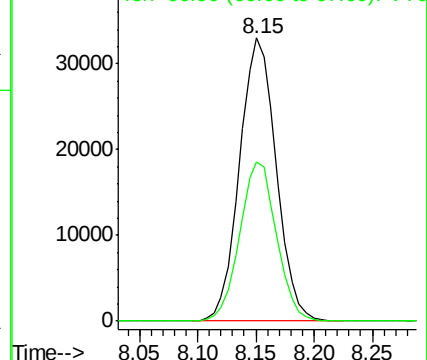
65 100

67 56.7 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

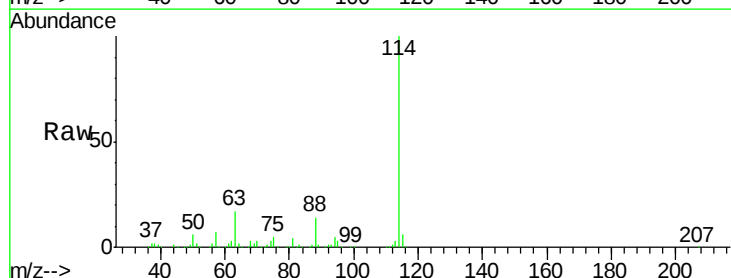
Tgt Ion: 114 Resp: 280876

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.0

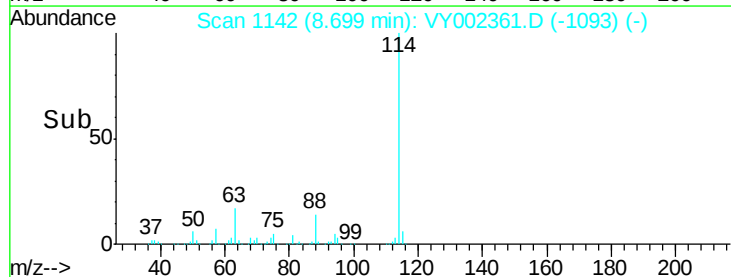
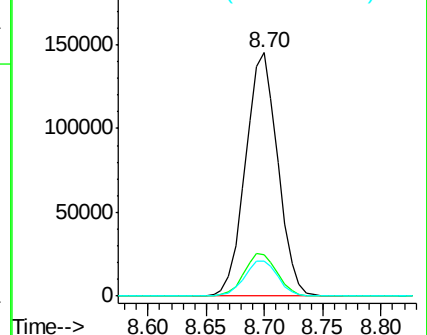
88 14.2 0.0 31.0

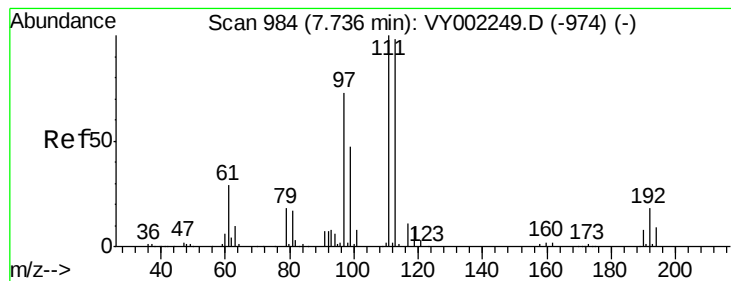


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.341 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-22

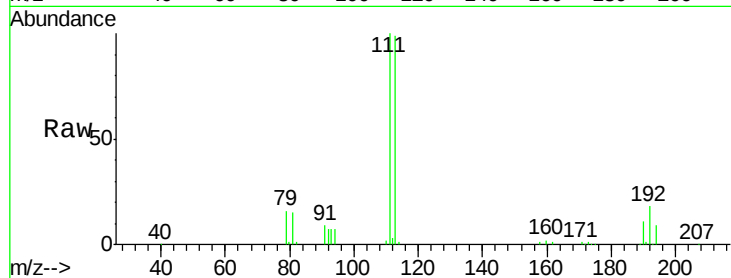
Tot Ion:113 Resp: 79122

Ion Ratio Lower Upper

113 100

111 103.5 83.5 125.3

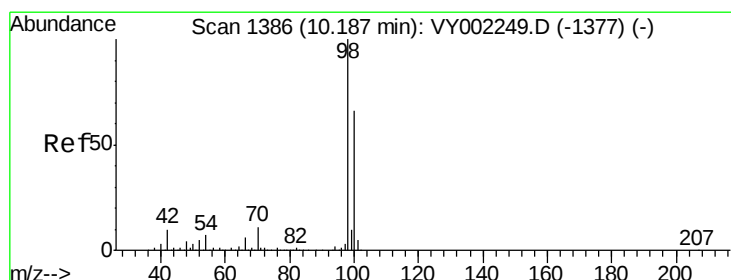
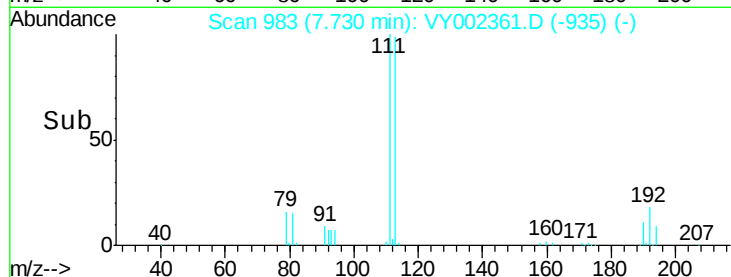
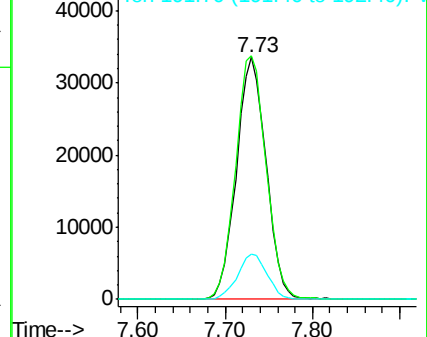
192 18.7 14.7 22.1



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: 47.236 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002361.D

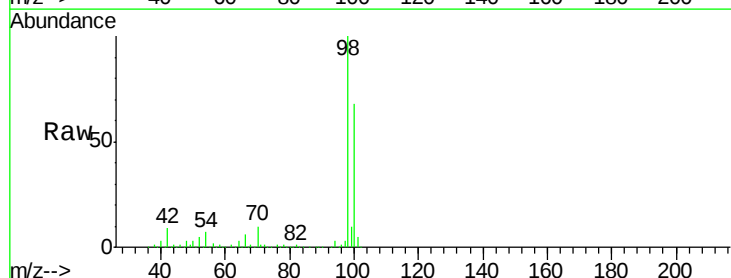
Acq: 16 Apr 2020 13:03

Tgt Ion: 98 Resp: 330433

Ion Ratio Lower Upper

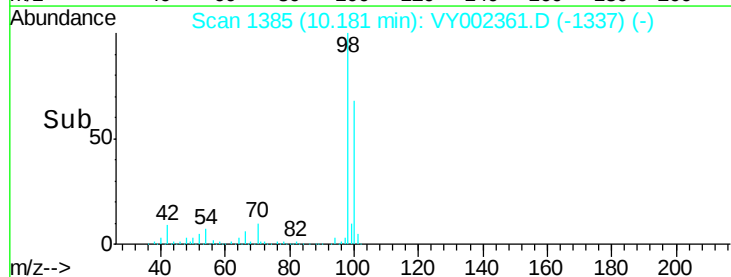
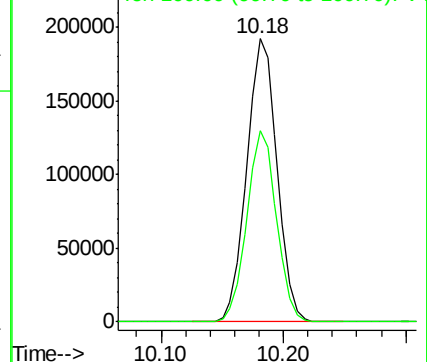
98 100

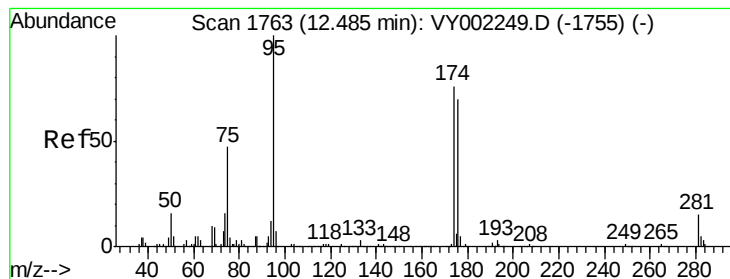
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 40.296 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

TP-22

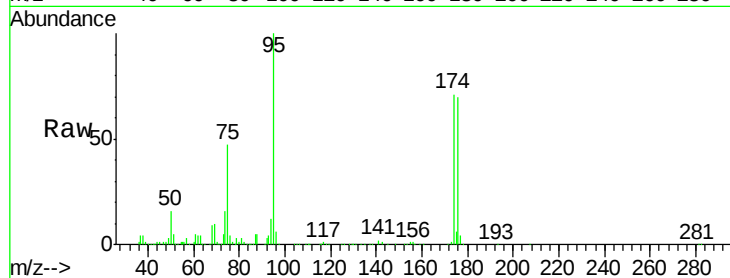
Tot Ion: 95 Resp: 92999

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 72.6 0.0 141.4

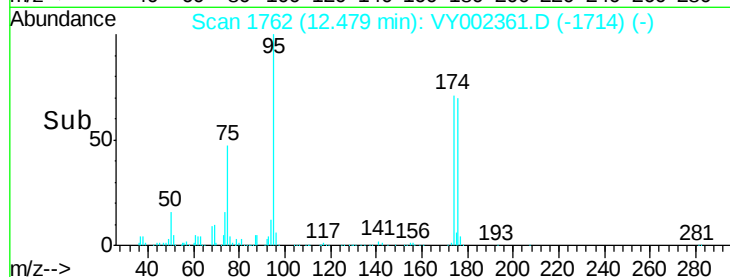


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->



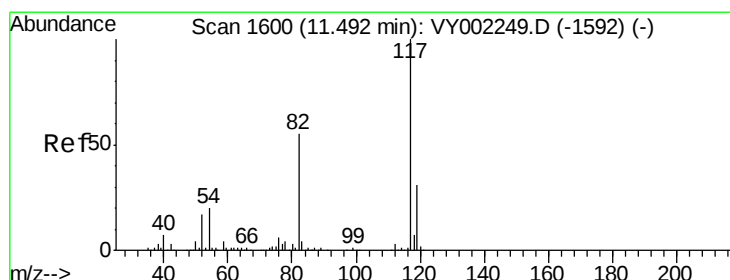
Abundance

Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

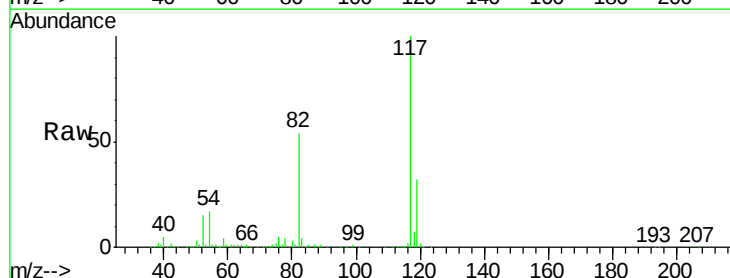
Tgt Ion: 117 Resp: 237700

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.4

119 32.3 25.1 37.7

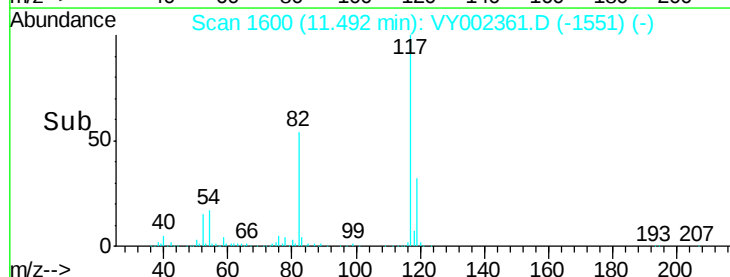


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->



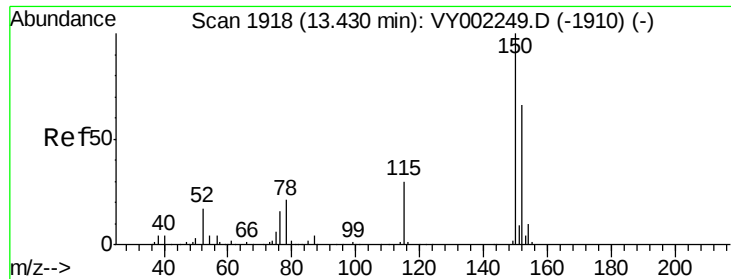
Abundance

Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002361.D

Acq: 16 Apr 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-22

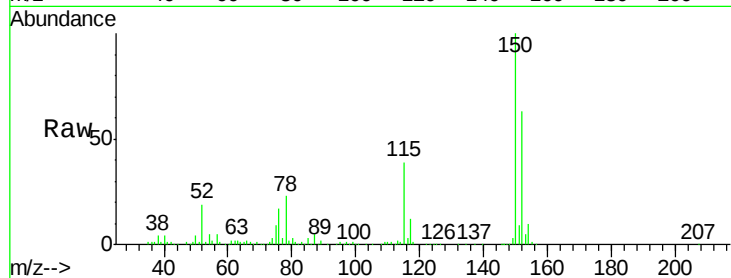
Tot Ion:152 Resp: 80591

Ion Ratio Lower Upper

152 100

115 59.2 30.7 92.1

150 156.7 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

