

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002346.D
 Acq On : 15 Apr 2020 18:41
 Operator : SY/MD
 Sample : L2281-05
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-44

Quant Time: Apr 16 07:36:49 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

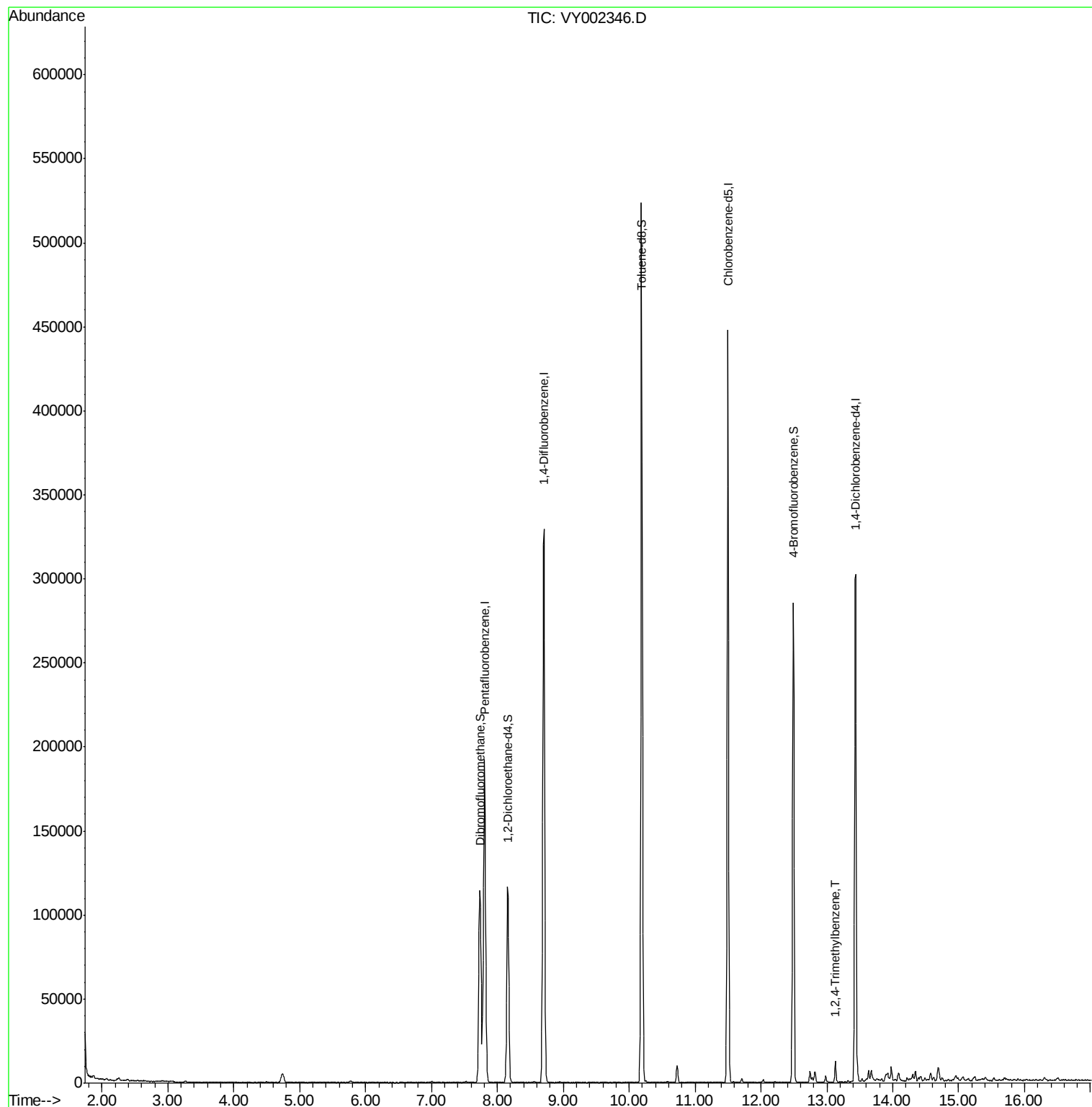
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	75978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83516	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	7.74	113	86144	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.19	98	348068	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.49	95	97049	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.13	105	6491	1.317	ug/l	Qvalue 97

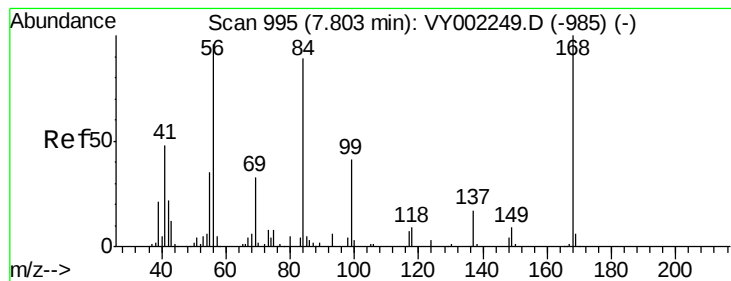
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002346.D

Acq: 15 Apr 2020 18:41

Instrument :

MSVOA_Y

ClientSampled :

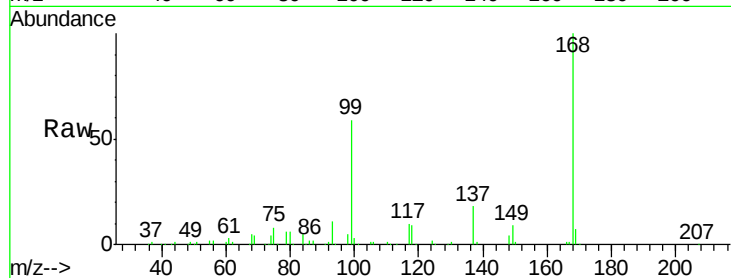
TP-44

Tot Ion:168 Resp: 145870

Ion Ratio Lower Upper

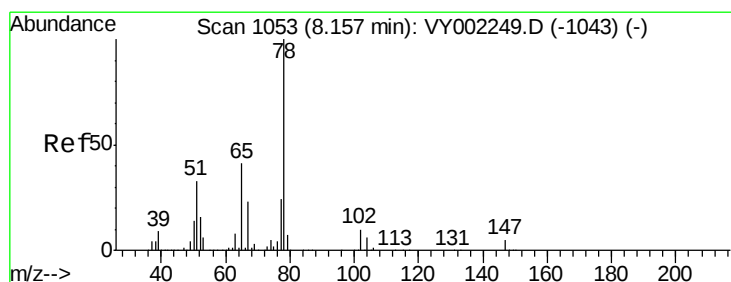
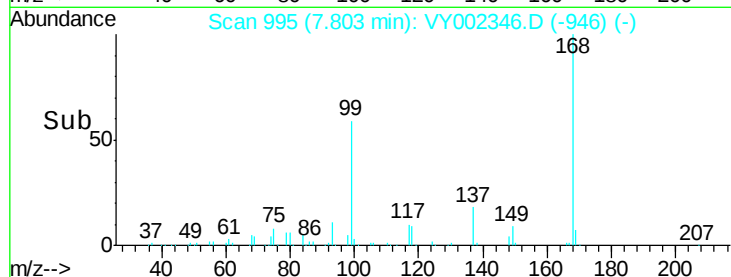
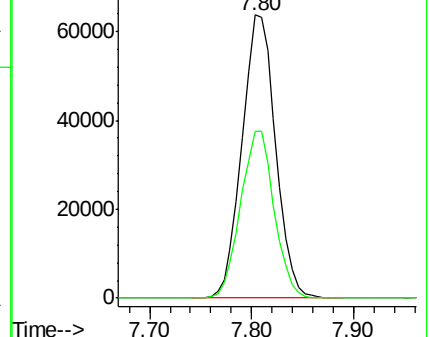
168 100

99 58.9 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.484 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002346.D

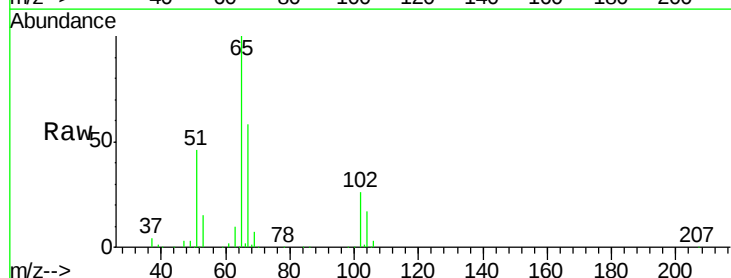
Acq: 15 Apr 2020 18:41

Tgt Ion: 65 Resp: 83516

Ion Ratio Lower Upper

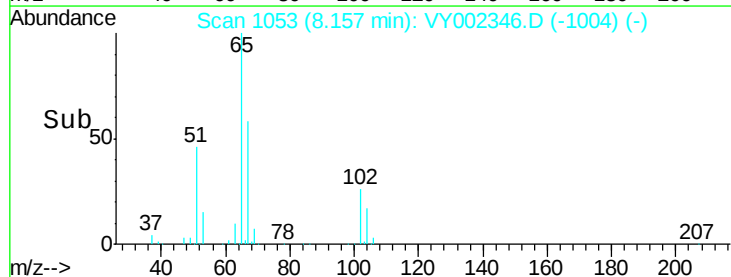
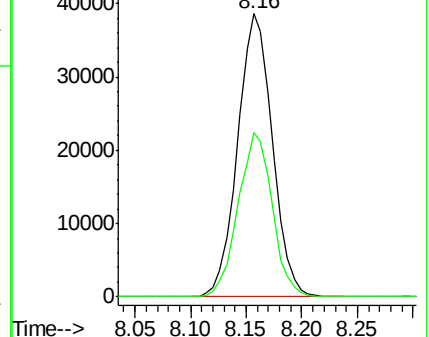
65 100

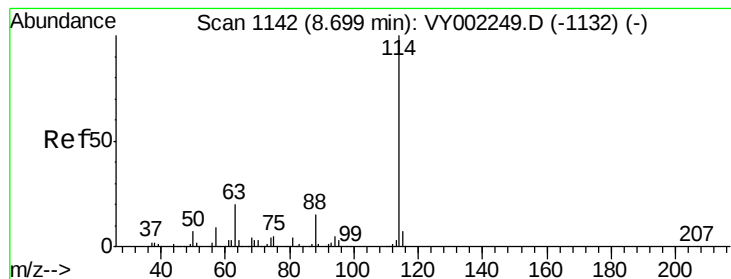
67 57.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-44

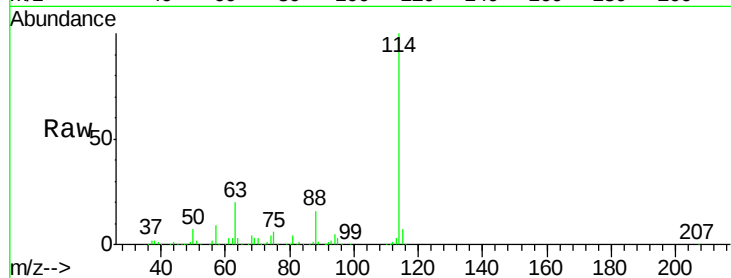
Tot Ion:114 Resp: 287210

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

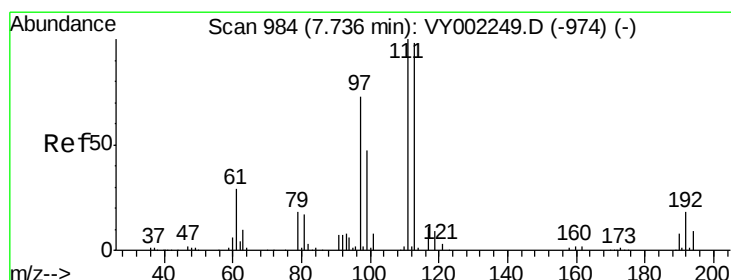
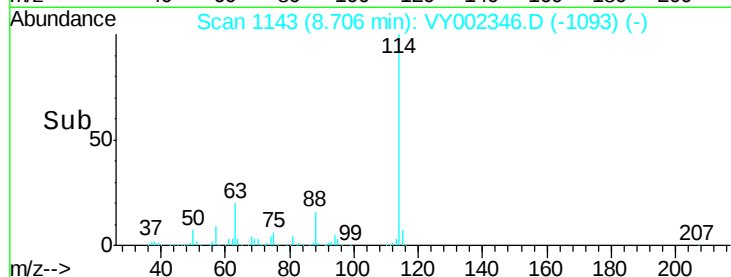
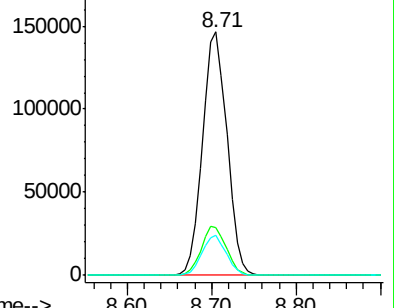
88 16.3 0.0 31.0



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: 50.406 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

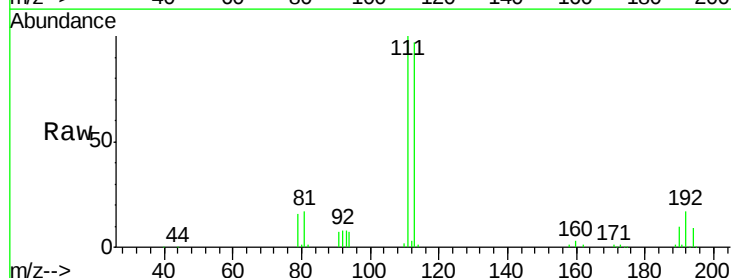
Tgt Ion:113 Resp: 86144

Ion Ratio Lower Upper

113 100

111 104.2 83.5 125.3

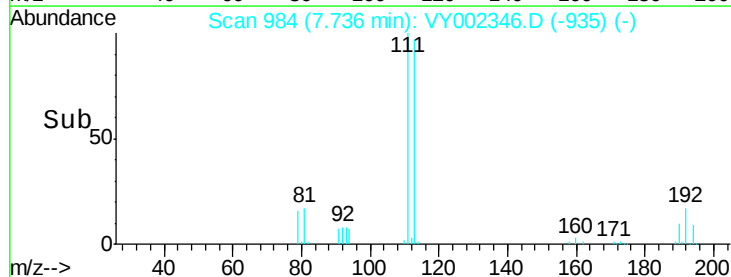
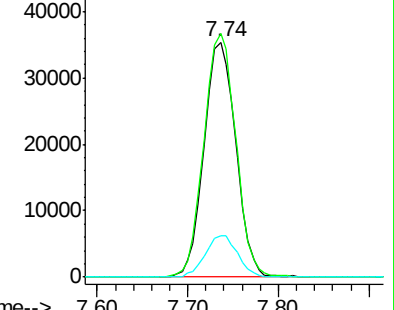
192 18.0 14.7 22.1

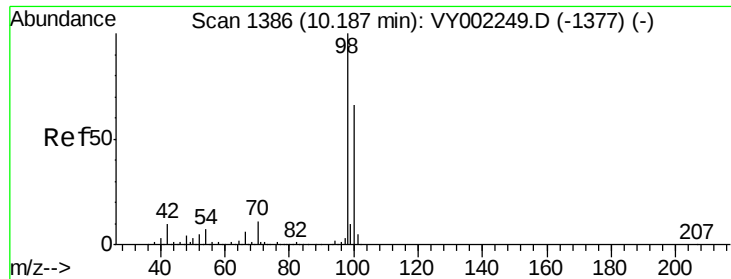


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.659 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

Instrument :

MSVOA_Y

ClientSampleId :

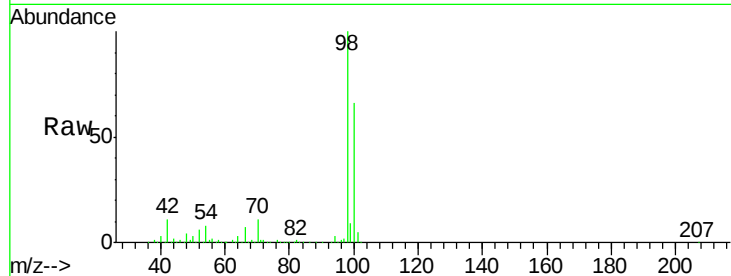
TP-44

Tot Ion: 98 Resp: 348068

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

200000

150000

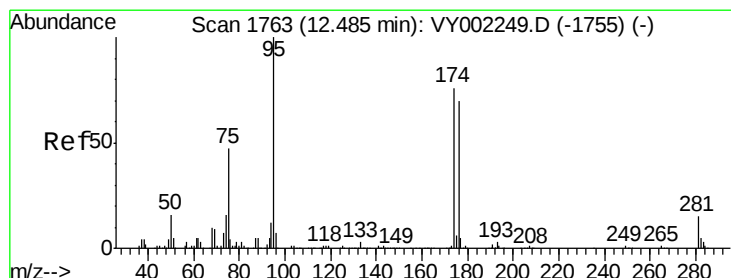
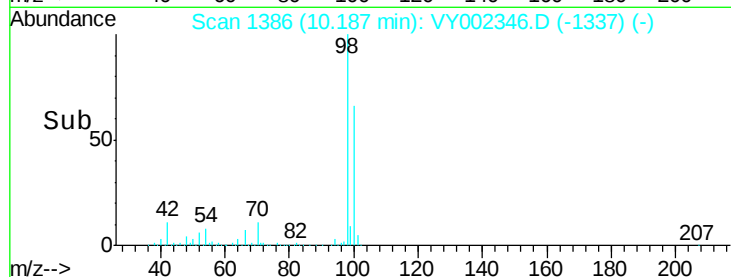
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 41.124 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

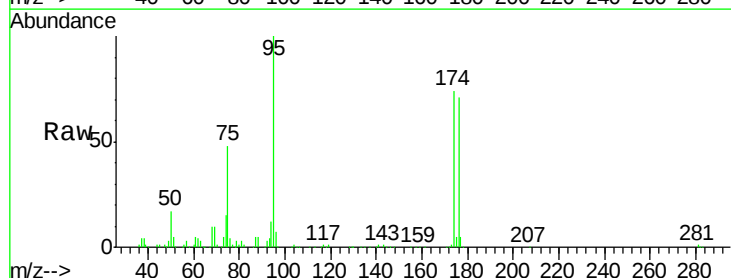
Tgt Ion: 95 Resp: 97049

Ion Ratio Lower Upper

95 100

174 71.2 0.0 150.6

176 69.4 0.0 141.4



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

80000

60000

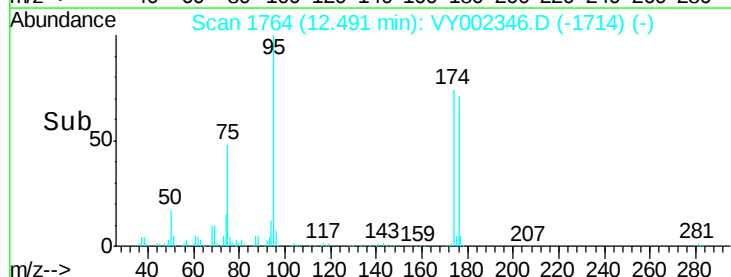
40000

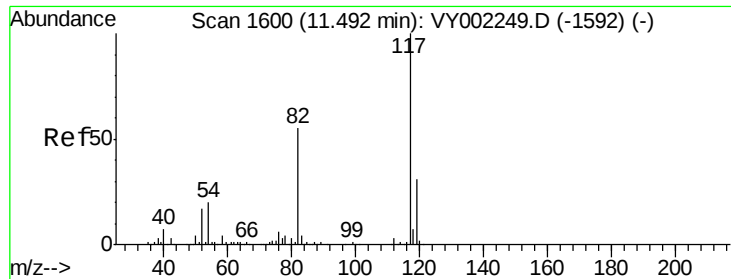
20000

0

12.40 12.45 12.50 12.55

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-44

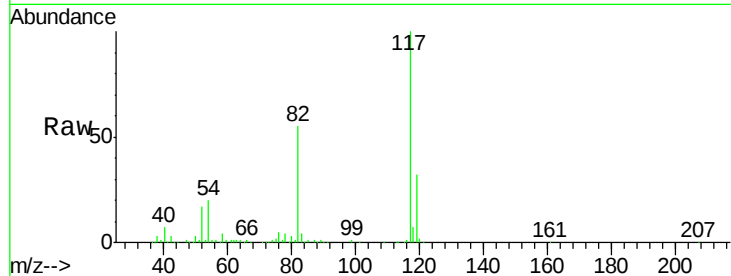
Tot Ion:117 Resp: 244970

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.4

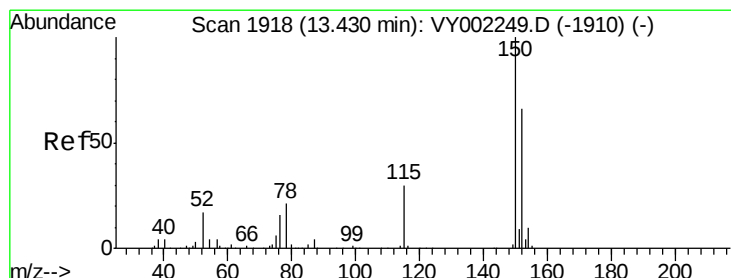
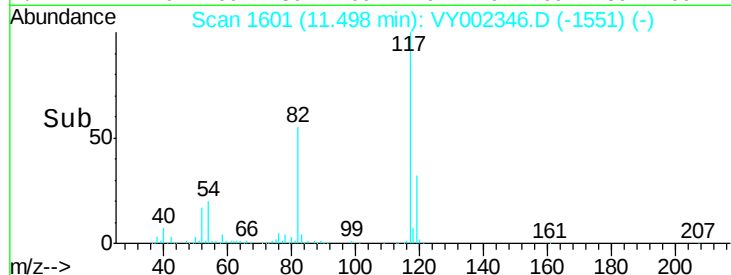
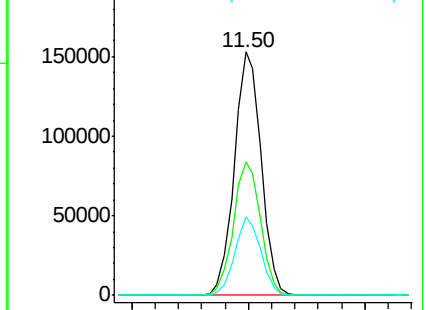
119 32.5 25.1 37.7



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002346.D

Acq: 15 Apr 2020 18:41

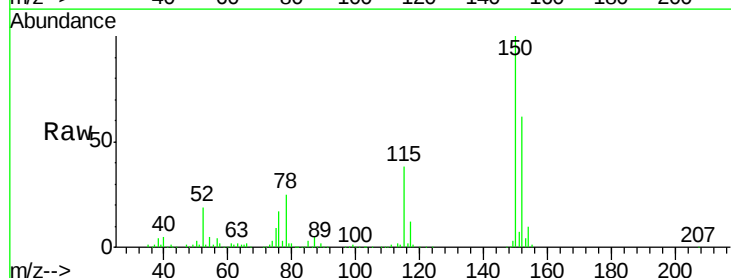
Tgt Ion:152 Resp: 75978

Ion Ratio Lower Upper

152 100

115 61.9 30.7 92.1

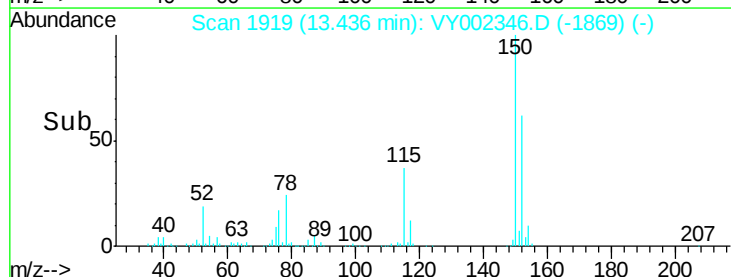
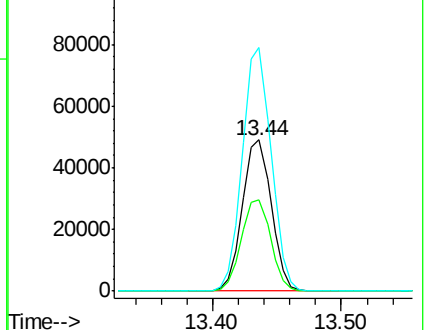
150 160.8 0.0 350.6

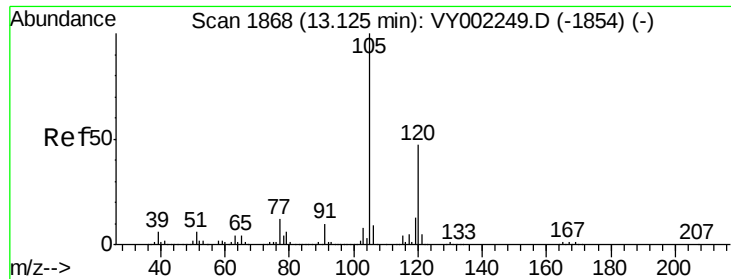


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.317 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002346.D
 Acq: 15 Apr 2020 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-44

Tot Ion:105 Resp: 6491
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.1 69.2

