

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002269.D
 Acq On : 09 Apr 2020 12:44
 Operator : SY/MD
 Sample : L2205-17
 Misc : 8.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-04082020-C

Quant Time: Apr 10 09:09:01 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

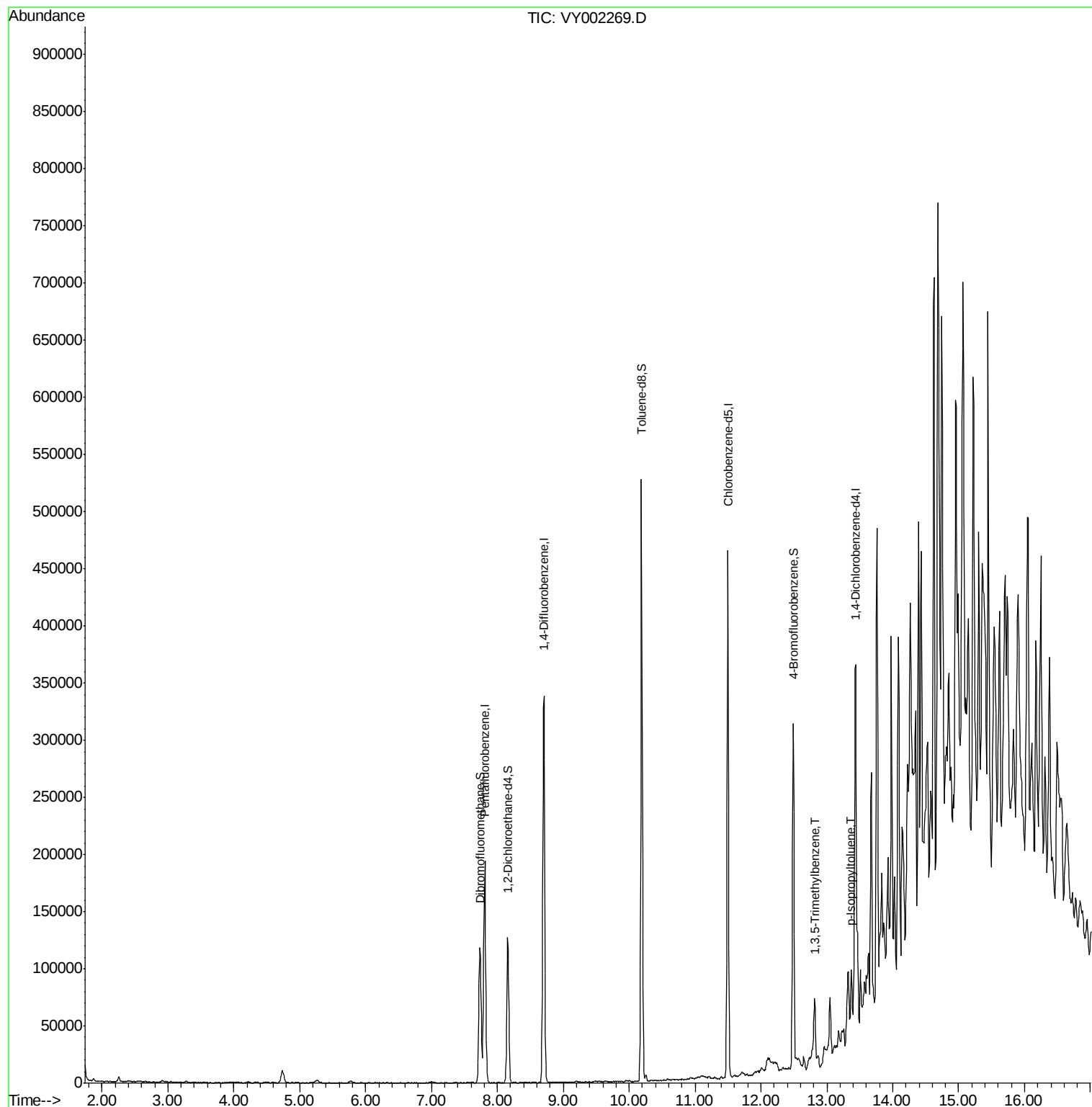
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	145783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	77619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90005	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	7.74	113	86586	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.19	98	345956	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.49	95	101683	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.82	105	8318	1.649	ug/l	98
86) p-Isopropyltoluene	13.38	119	9911	1.830	ug/l	100

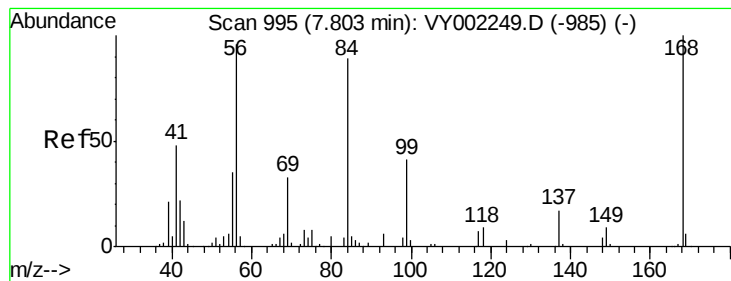
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

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MSVOA_Y

ClientSampleId :

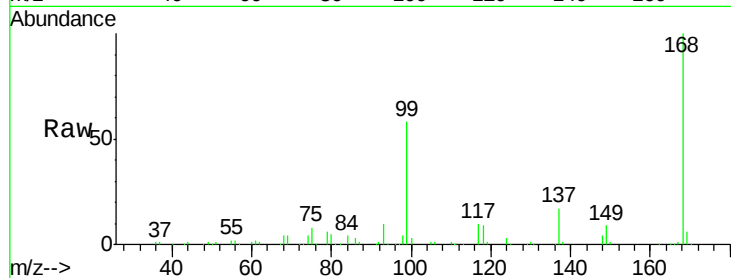
JC-02-04082020-C

Tot Ion:168 Resp: 145783

Ion Ratio Lower Upper

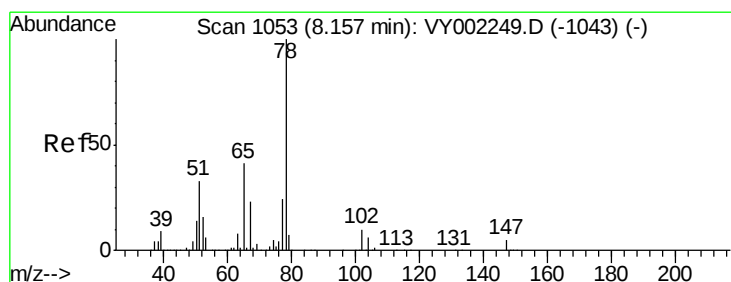
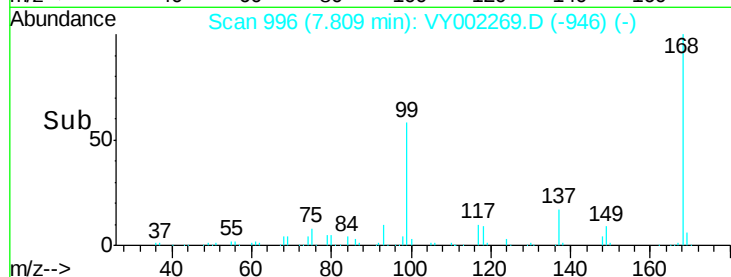
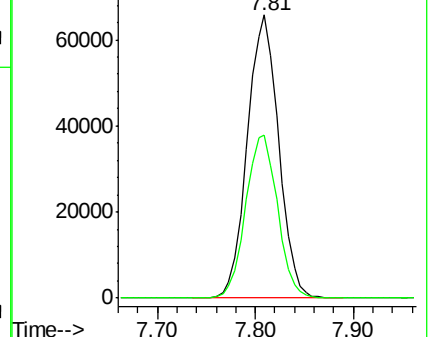
168 100

99 57.7 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: 55.517 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002269.D

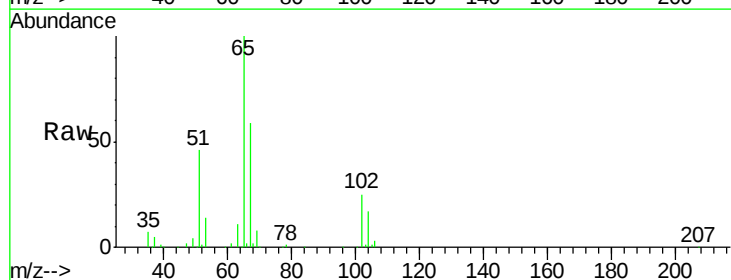
Acq: 09 Apr 2020 12:44

Tgt Ion: 65 Resp: 90005

Ion Ratio Lower Upper

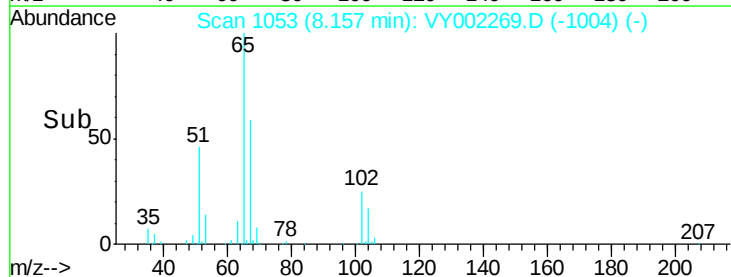
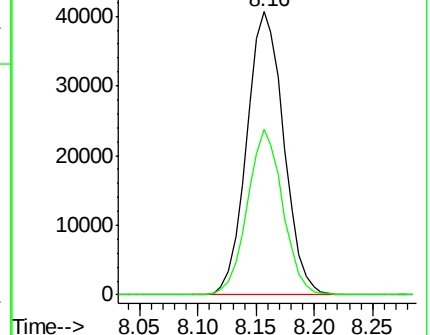
65 100

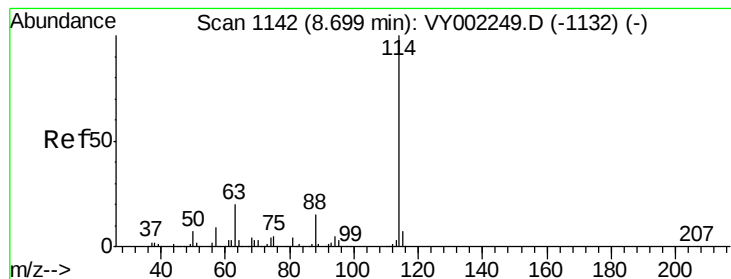
67 56.0 0.0 114.0



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: VY002269.D

Acq: 09 Apr 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-04082020-C

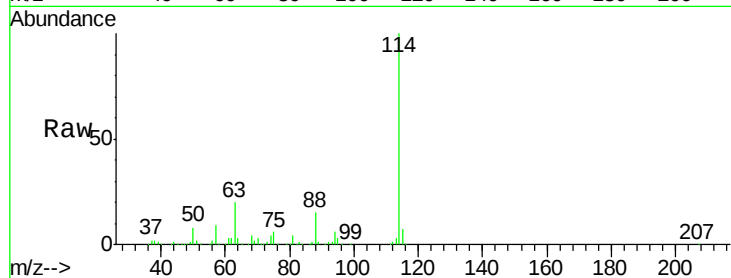
Tot Ion:114 Resp: 291334

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

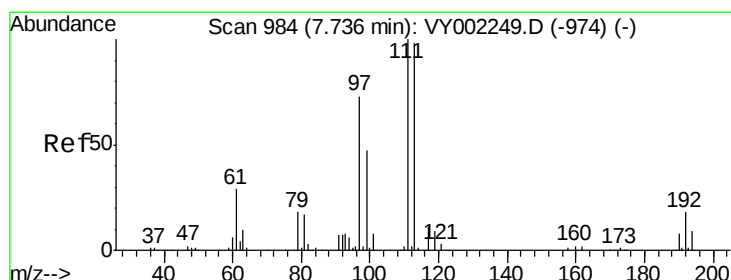
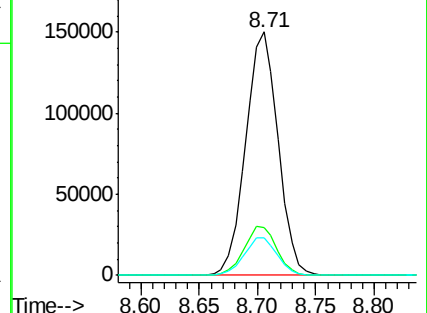
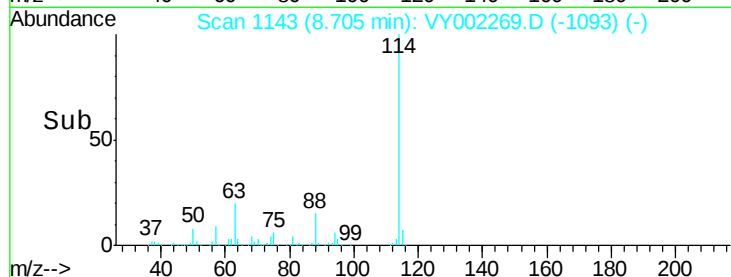
88 15.3 0.0 31.0



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: 49.948 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

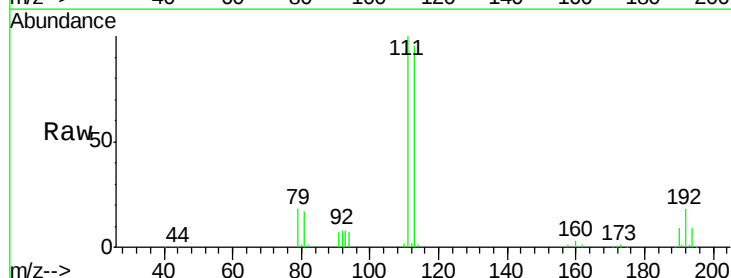
Tgt Ion:113 Resp: 86586

Ion Ratio Lower Upper

113 100

111 103.3 83.5 125.3

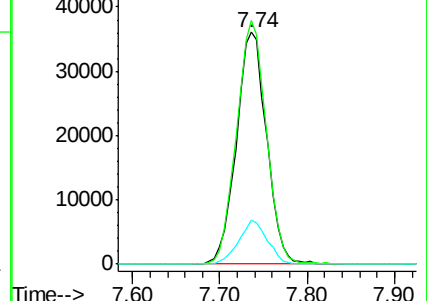
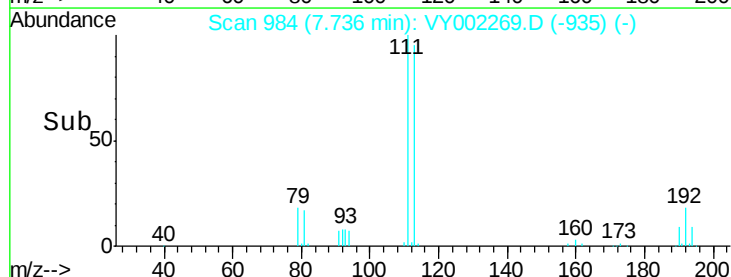
192 17.9 14.7 22.1

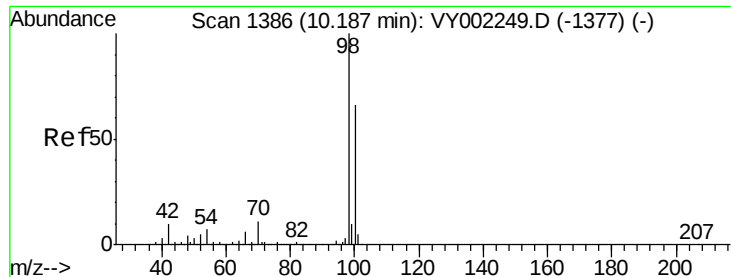


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.680 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

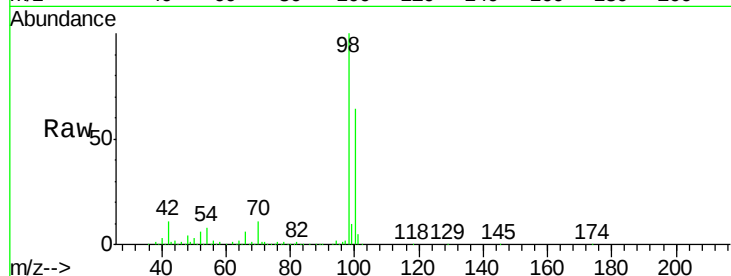
JC-02-04082020-C

Tot Ion: 98 Resp: 345956

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

10.19

200000

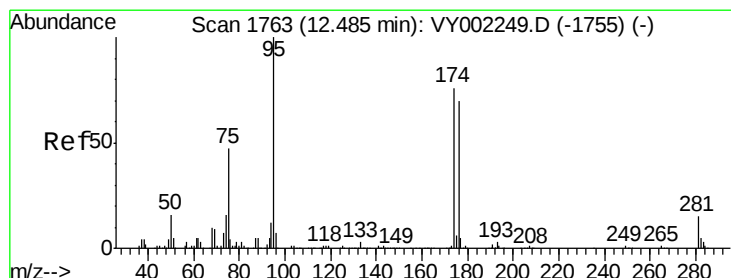
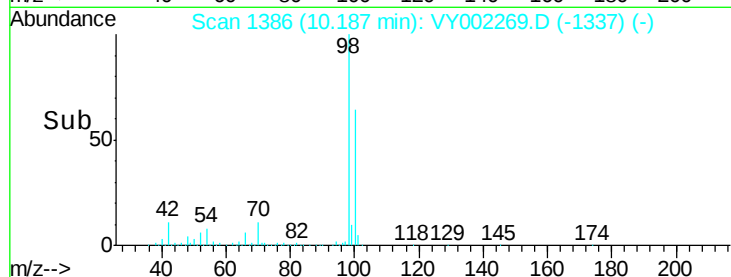
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.478 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

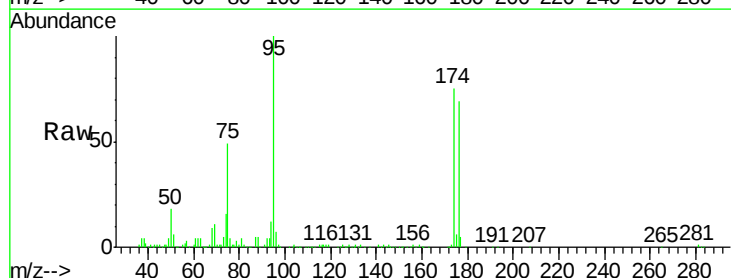
Tgt Ion: 95 Resp: 101683

Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.6

176 67.6 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

12.49

80000

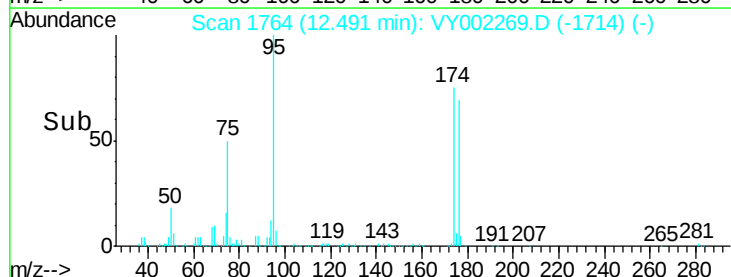
60000

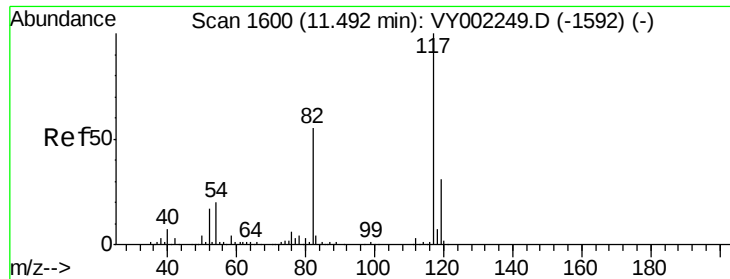
40000

20000

0

Time-->

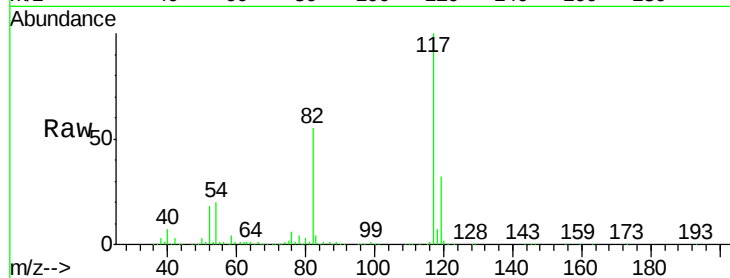




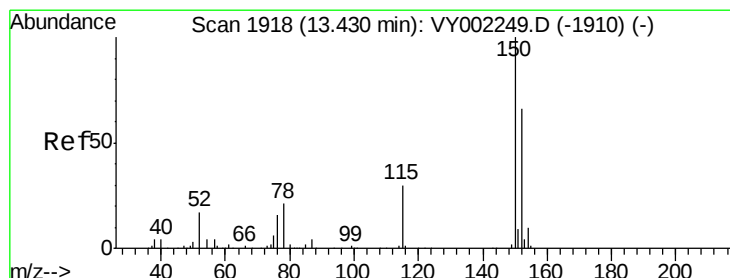
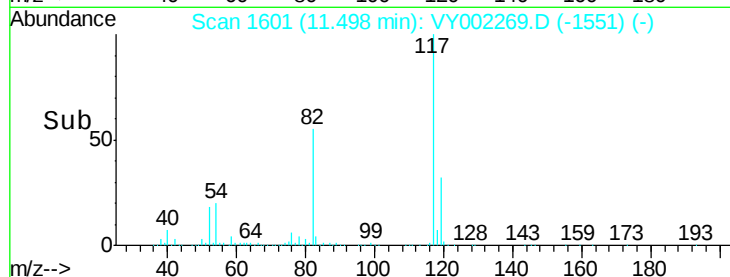
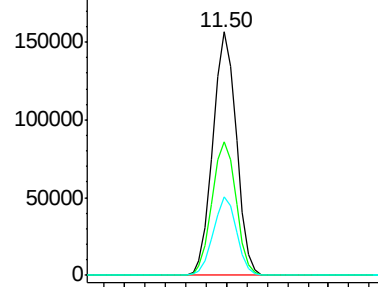
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002269.D
Acq: 09 Apr 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-C

Tot Ion:117 Resp: 249423
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 32.2 25.1 37.7

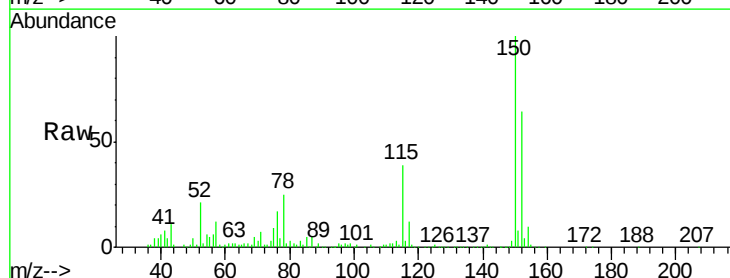


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

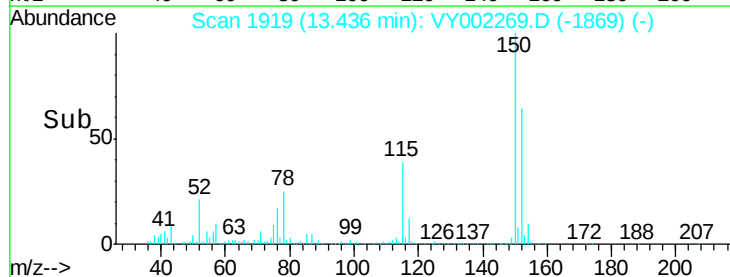
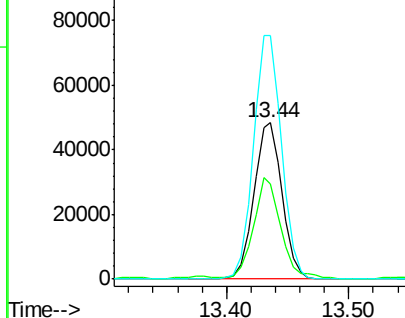


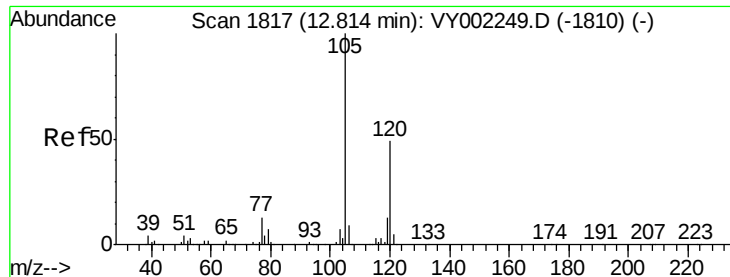
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002269.D
Acq: 09 Apr 2020 12:44

Tgt Ion:152 Resp: 77619
Ion Ratio Lower Upper
152 100
115 62.2 30.7 92.1
150 155.0 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





#80

1,3,5-Trimethylbenzene

Concen: 1.649 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

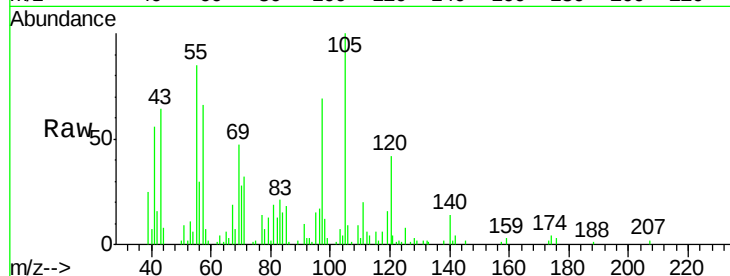
JC-02-04082020-C

Tot Ion:105 Resp: 8318

Ion Ratio Lower Upper

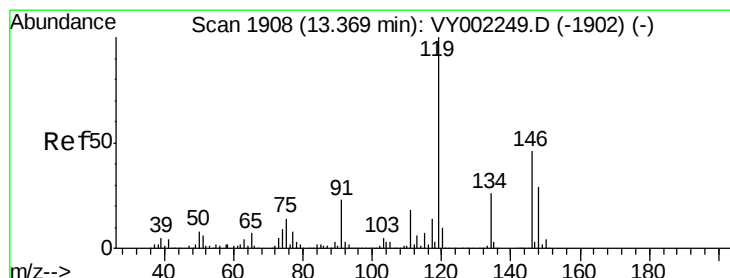
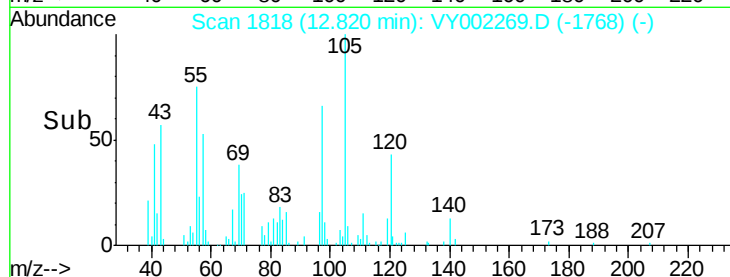
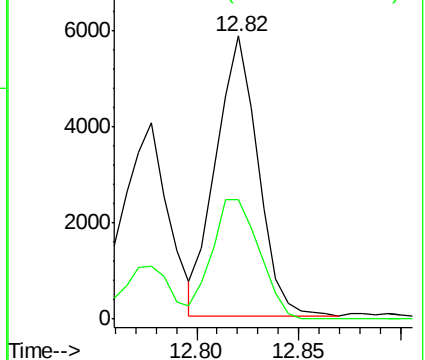
105 100

120 48.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 1.830 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002269.D

Acq: 09 Apr 2020 12:44

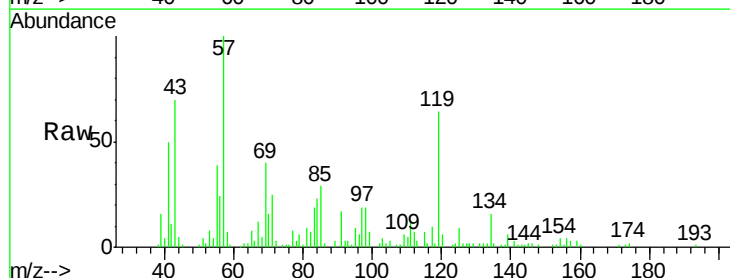
Tgt Ion:119 Resp: 9911

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

