

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001596.D
 Acq On : 11 Feb 2020 12:21
 Operator : SY/MD
 Sample : L1367-01RE
 Misc : 8.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-021020RE

Quant Time: Feb 12 08:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

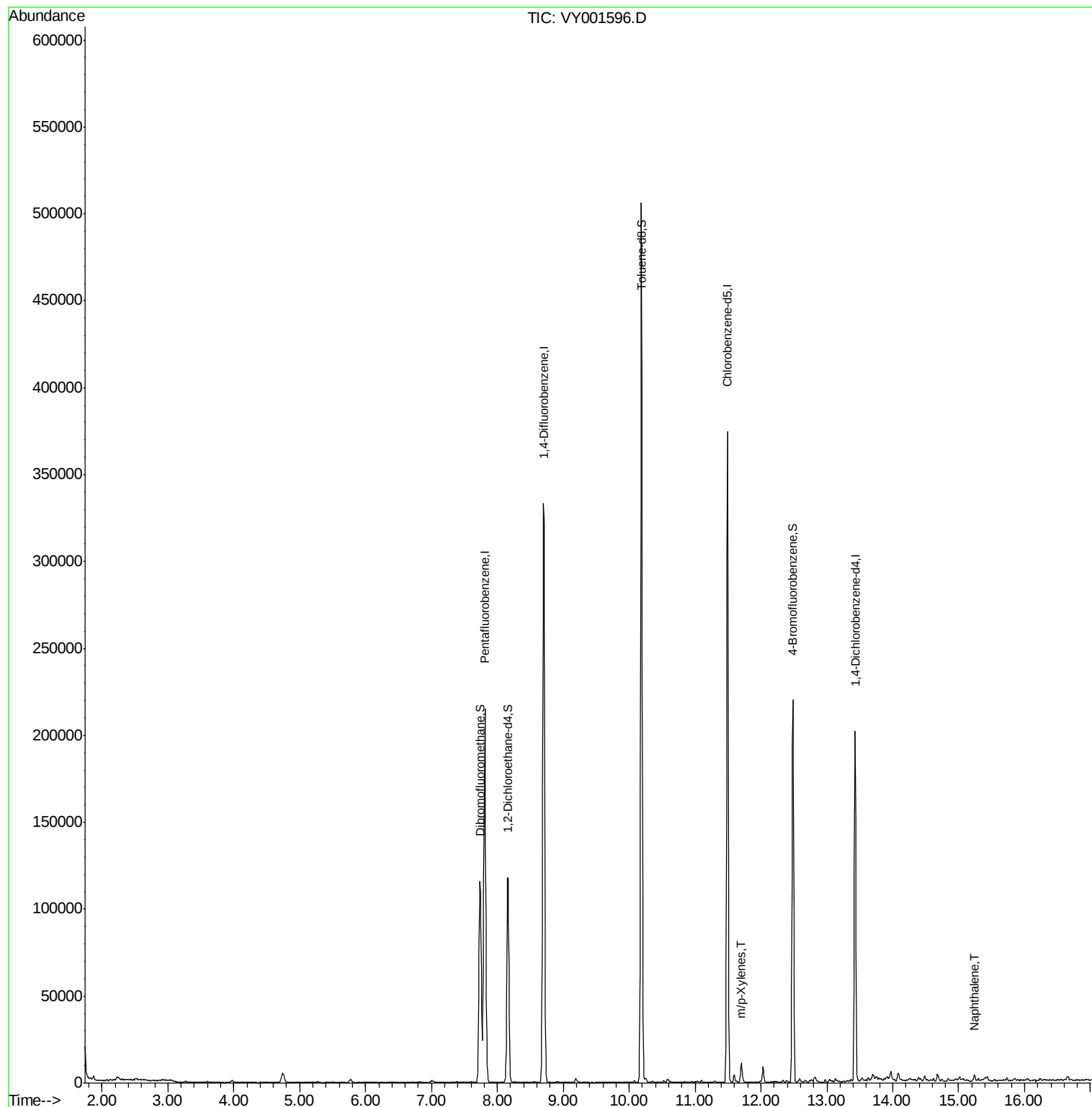
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	163360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	285917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	50527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88193	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.74	113	82561	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.19	98	325530	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.49	95	70706	28.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.54%	
Target Compounds						
68) m/p-Xylenes	11.70	106	3376	1.225	ug/l	99
95) Naphthalene	15.24	128	2701	1.177	ug/l	97

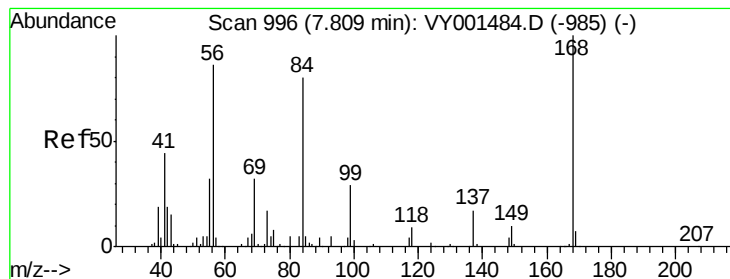
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

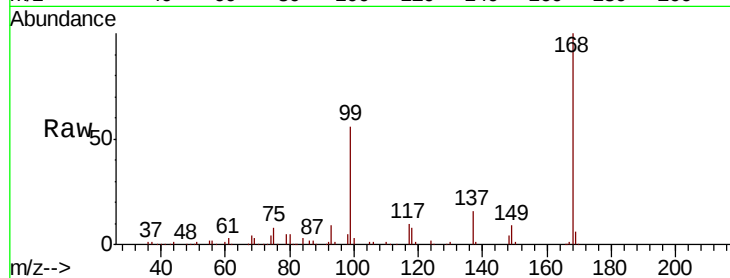
OK-03-021020RE

Tot Ion:168 Resp: 163360

Ion Ratio Lower Upper

168 100

99 55.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.81

80000

60000

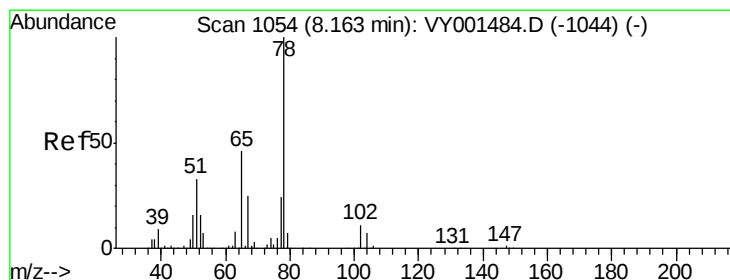
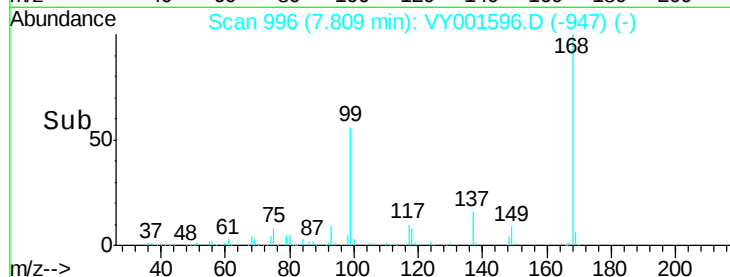
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.619 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001596.D

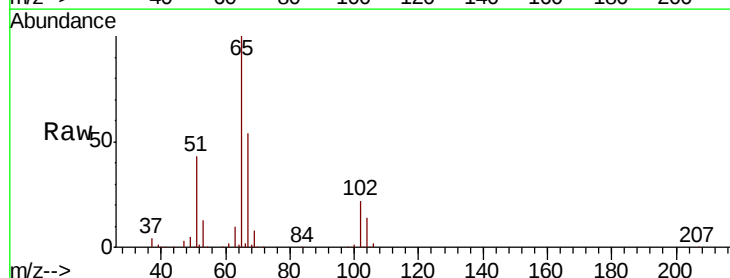
Acq: 11 Feb 2020 12:21

Tgt Ion: 65 Resp: 88193

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

8.16

40000

30000

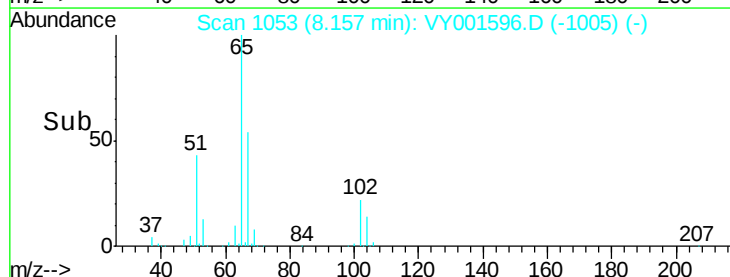
20000

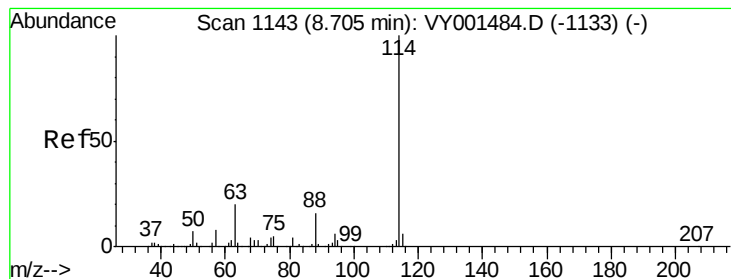
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-021020RE

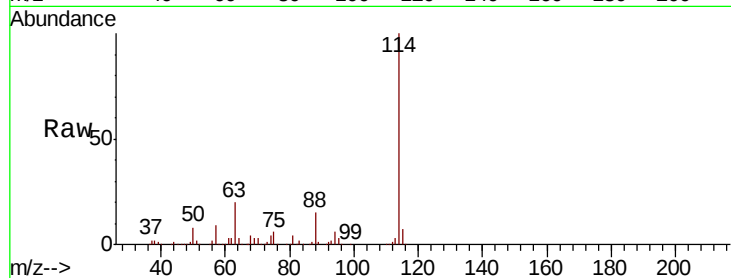
Tot Ion:114 Resp: 285917

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

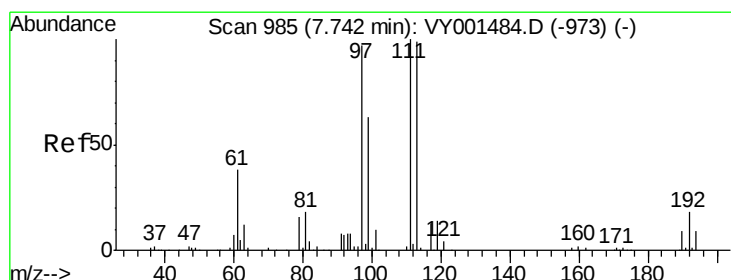
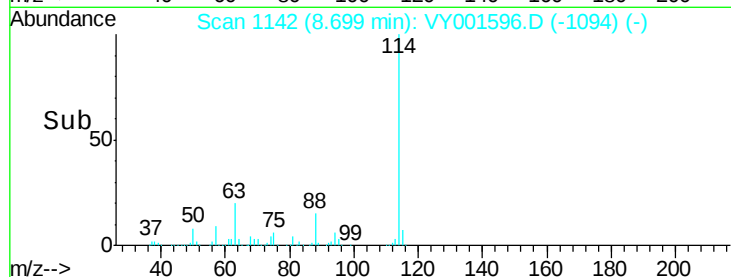
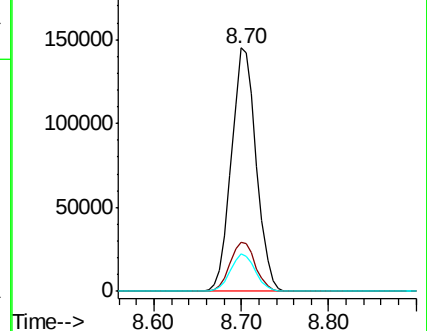
88 15.2 0.0 32.6



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: 50.075 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

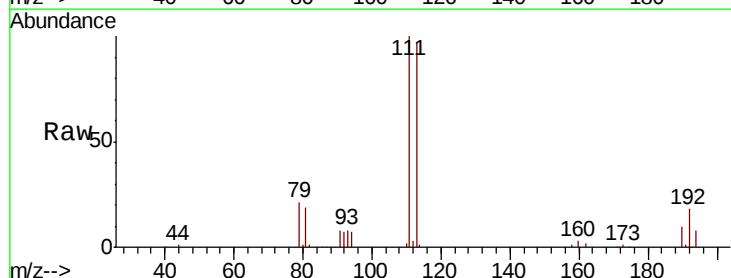
Tgt Ion:113 Resp: 82561

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

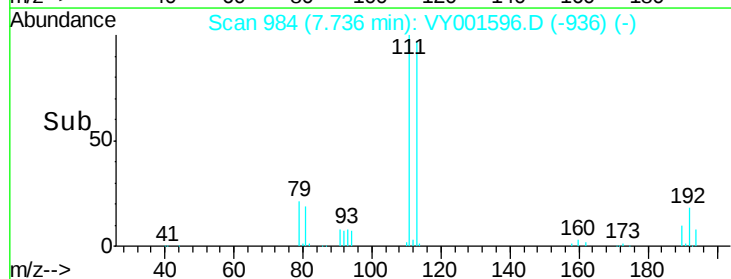
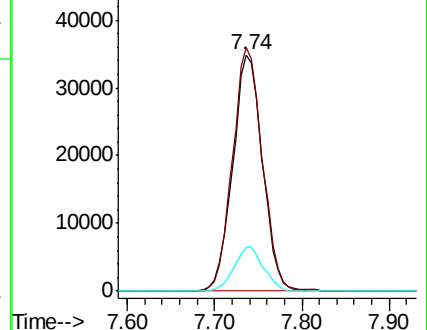
192 18.5 14.6 22.0

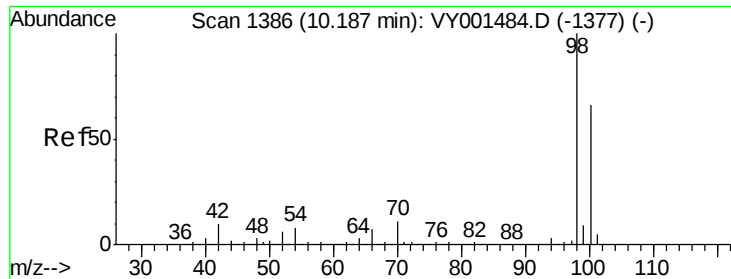


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.186 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

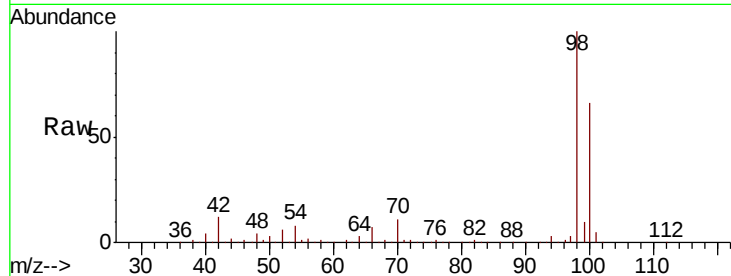
OK-03-021020RE

Tot Ion: 98 Resp: 325530

Ion Ratio Lower Upper

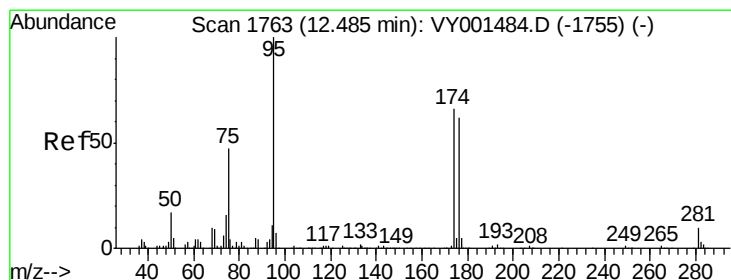
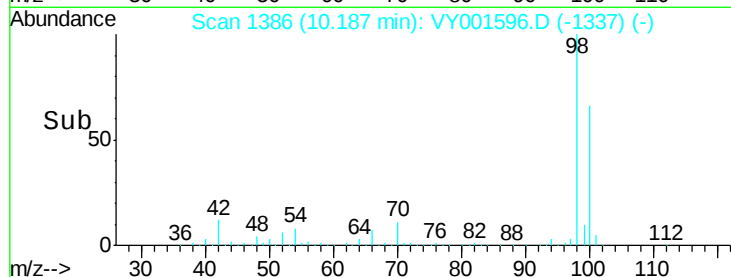
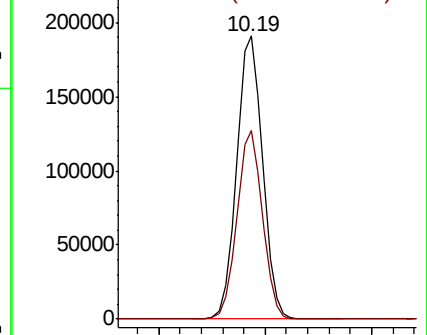
98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 28.773 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

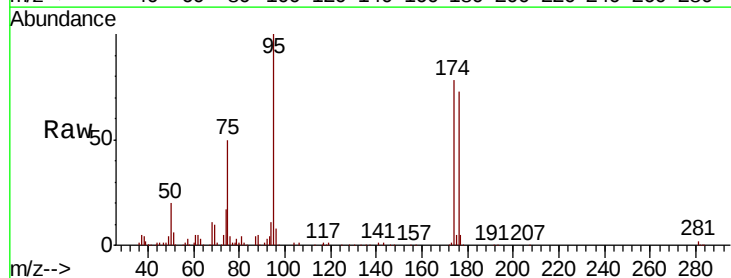
Tgt Ion: 95 Resp: 70706

Ion Ratio Lower Upper

95 100

174 75.7 0.0 141.4

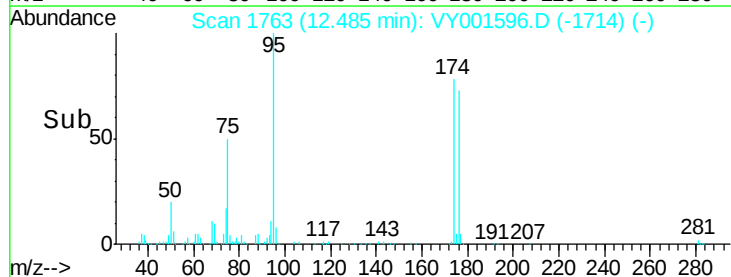
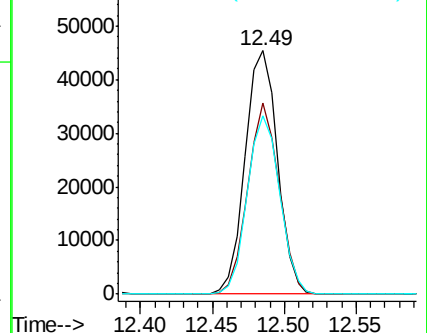
176 73.4 0.0 135.4

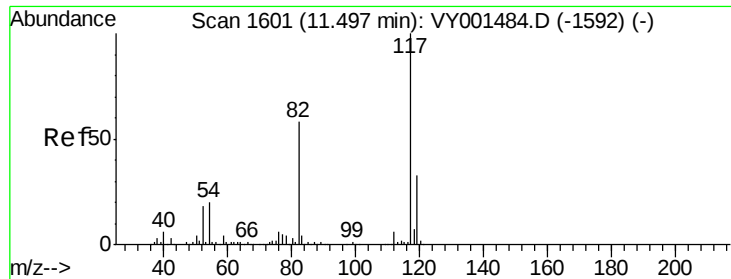


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

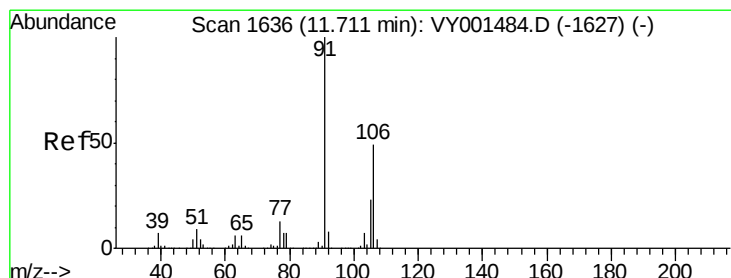
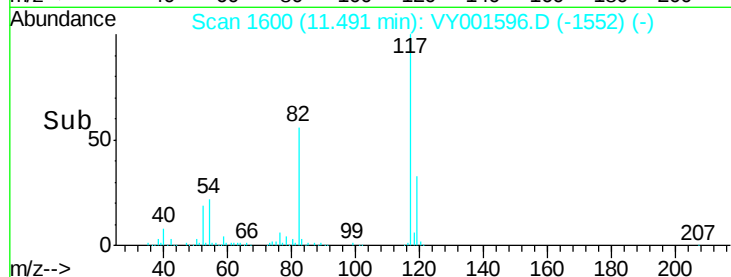
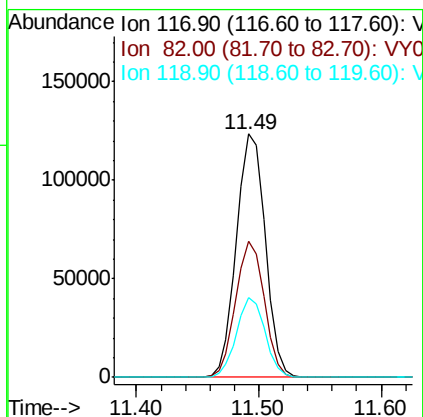
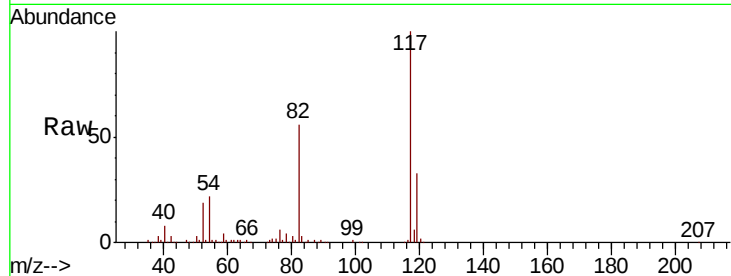




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001596.D
Acq: 11 Feb 2020 12:21

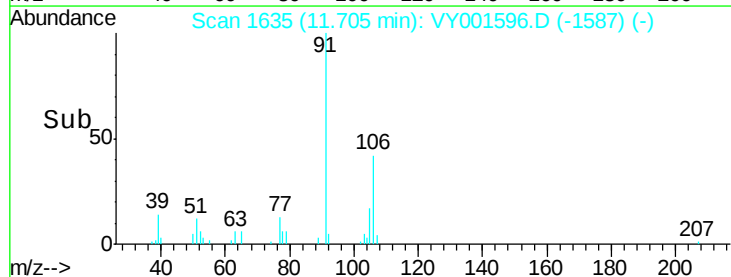
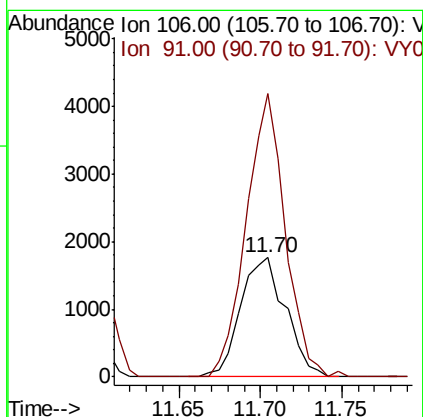
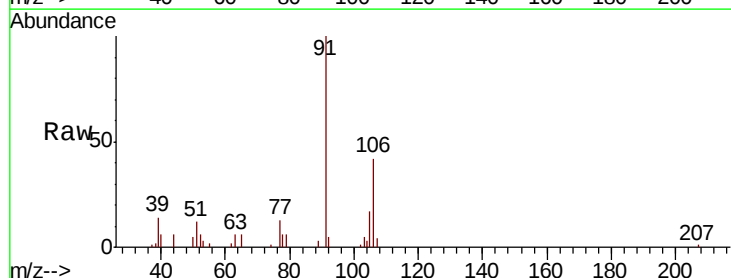
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-021020RE

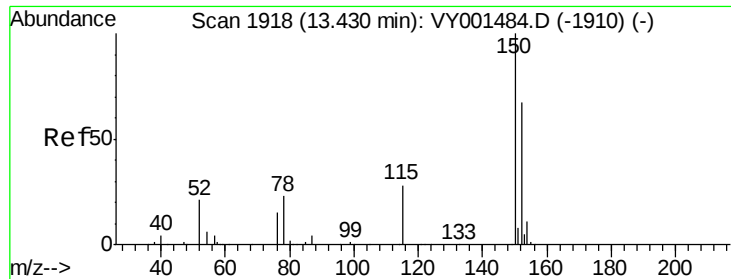
Tot Ion:117 Resp: 202286
Ion Ratio Lower Upper
117 100
82 56.0 46.1 69.1
119 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 1.225 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001596.D
Acq: 11 Feb 2020 12:21

Tgt Ion:106 Resp: 3376
Ion Ratio Lower Upper
106 100
91 205.9 163.6 245.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-021020RE

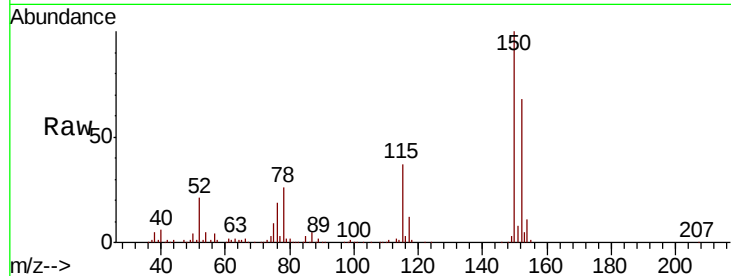
Tot Ion:152 Resp: 50527

Ion Ratio Lower Upper

152 100

115 57.6 31.4 94.3

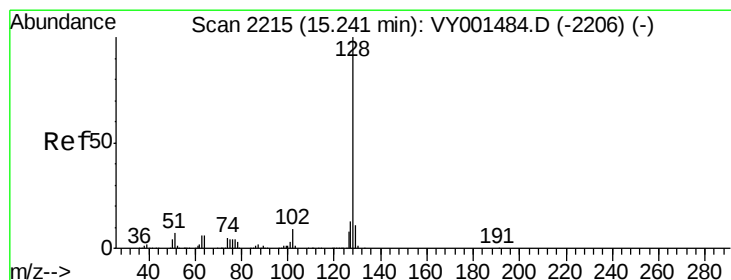
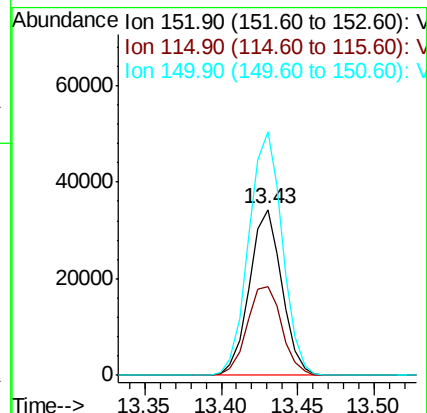
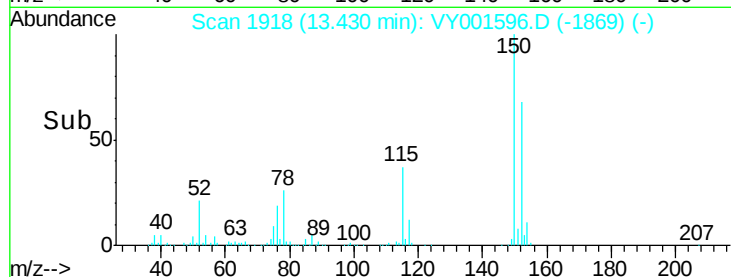
150 151.9 0.0 346.8



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



#95

Naphthalene

Concen: 1.177 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001596.D

Acq: 11 Feb 2020 12:21

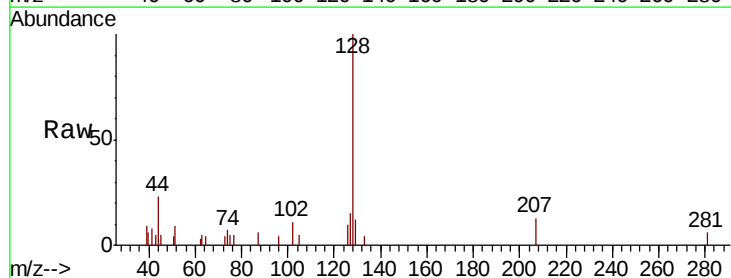
Tgt Ion:128 Resp: 2701

Ion Ratio Lower Upper

128 100

127 14.4 10.1 15.1

129 11.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

