

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002114.D
 Acq On : 27 Mar 2020 18:30
 Operator : SY/MD
 Sample : L2042-04
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.5-6.0

Quant Time: Mar 30 05:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

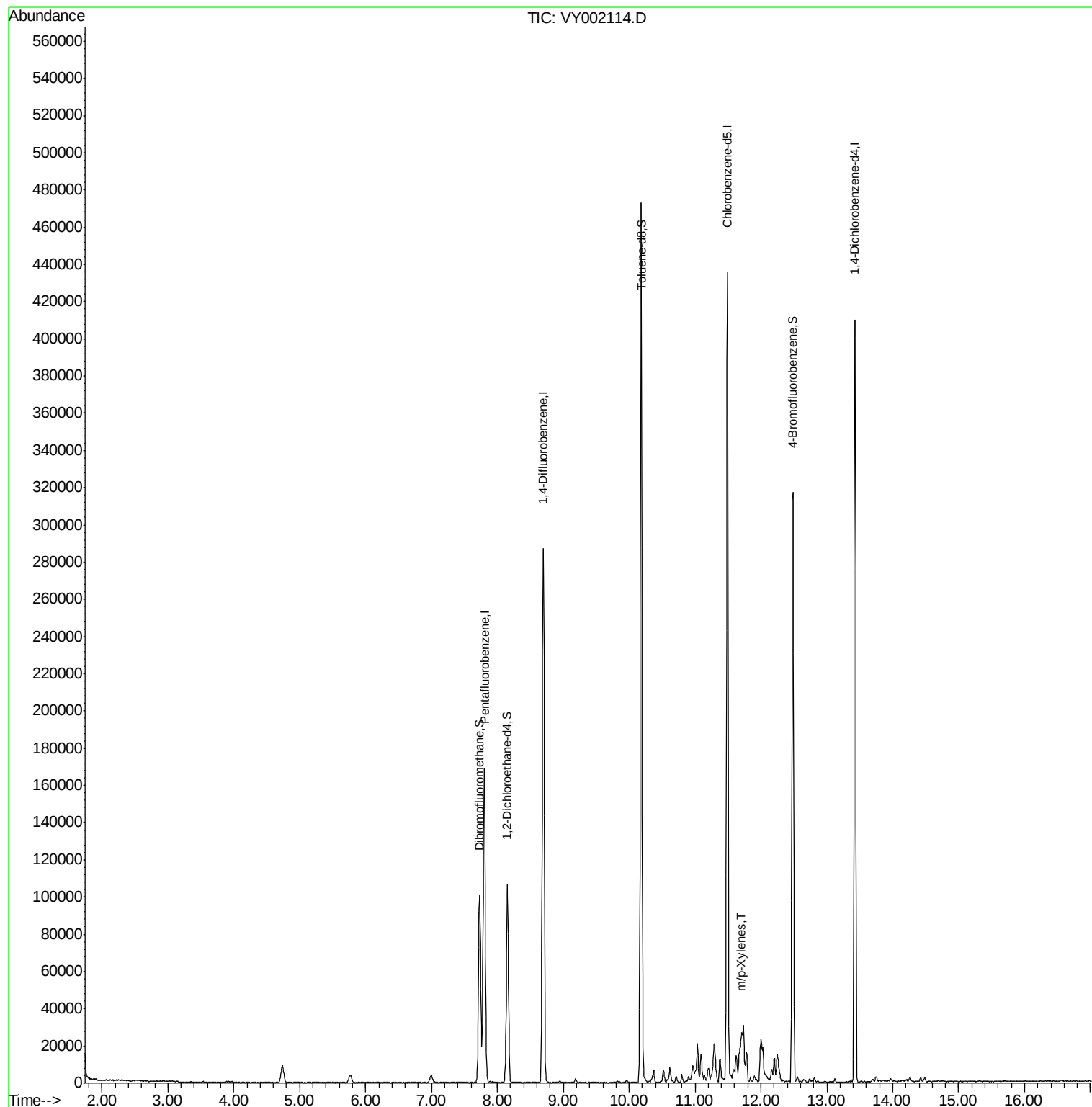
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	244288	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	227723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79167	56.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.73	113	72347	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.18	98	298064	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.48	95	103519	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
Target Compounds						
68) m/p-Xylenes	11.70	106	4889	1.620	ug/l	Qvalue 98

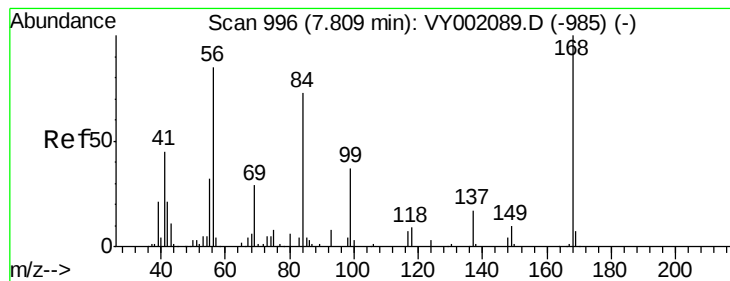
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

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MSVOA_Y

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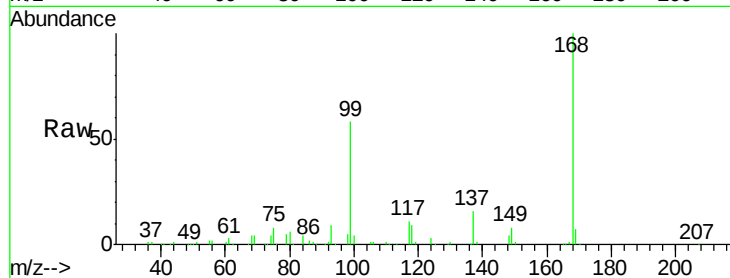
SB-04-5.5-6.0

Tot Ion:168 Resp: 126501

Ion Ratio Lower Upper

168 100

99 58.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002114.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002114.D (-947) (-)

7.80

60000

50000

40000

30000

20000

10000

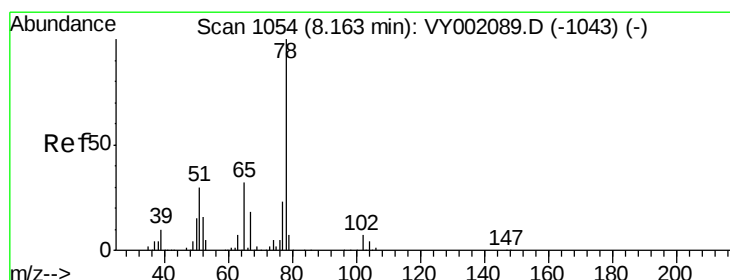
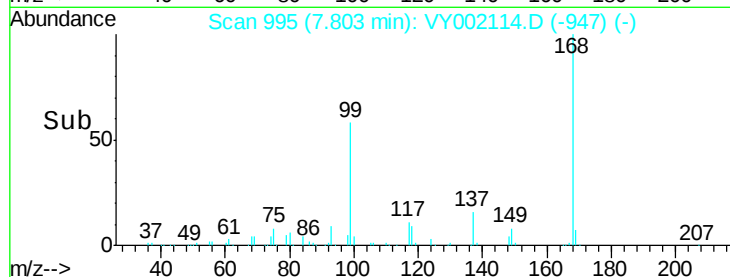
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 56.611 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002114.D

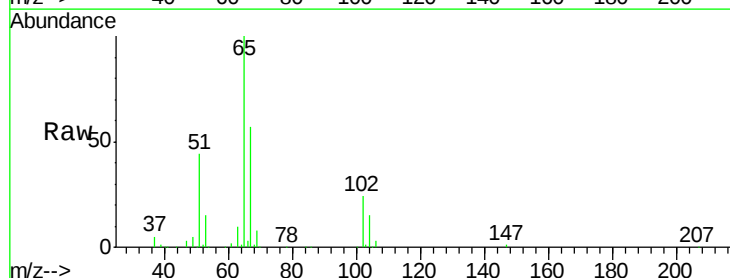
Acq: 27 Mar 2020 18:30

Tgt Ion: 65 Resp: 79167

Ion Ratio Lower Upper

65 100

67 53.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002114.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002114.D (-1005) (-)

8.15

40000

30000

20000

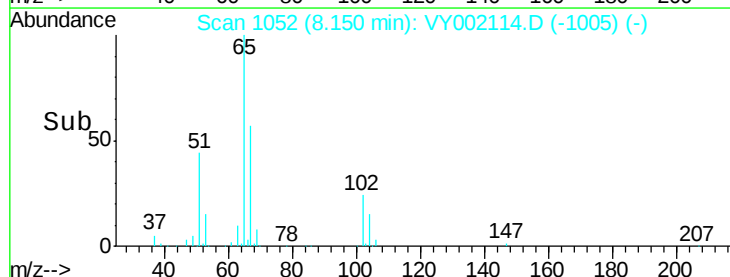
10000

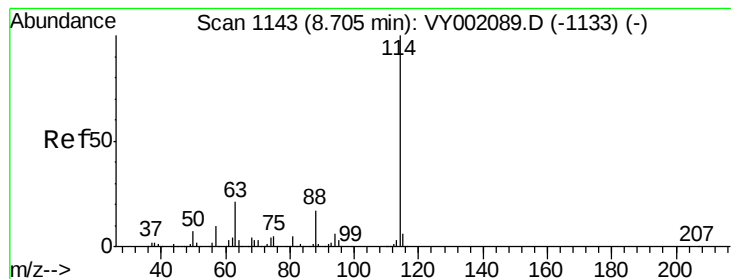
0

Time-->

8.10

8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-5.5-6.0

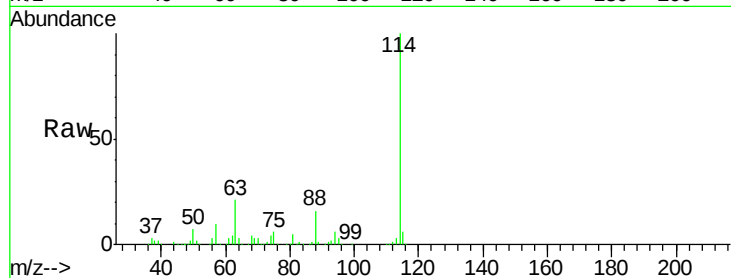
Tot Ion:114 Resp: 244288

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

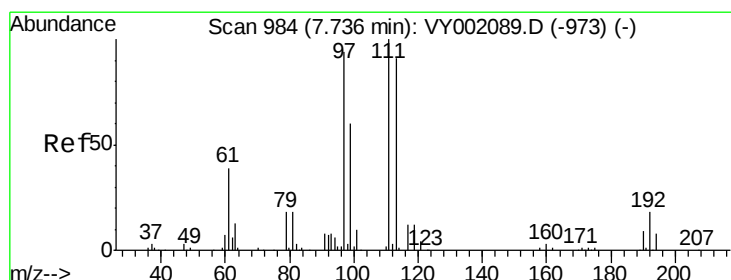
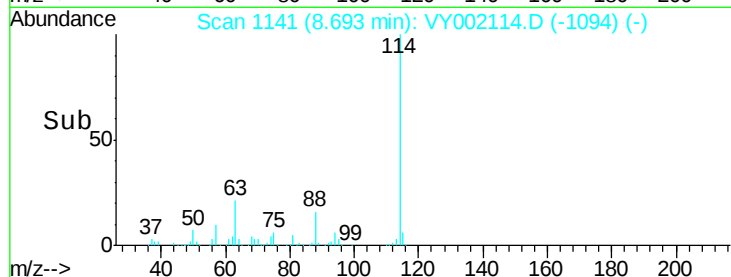
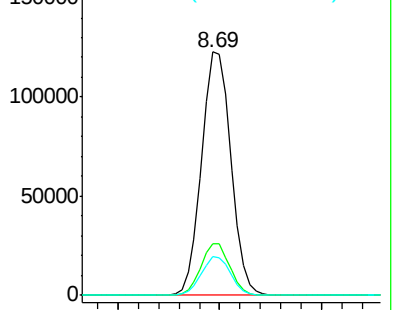
88 15.7 0.0 33.0



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: 52.855 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

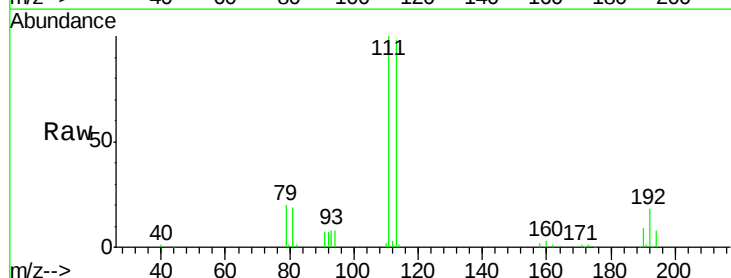
Tgt Ion:113 Resp: 72347

Ion Ratio Lower Upper

113 100

111 101.5 84.4 126.6

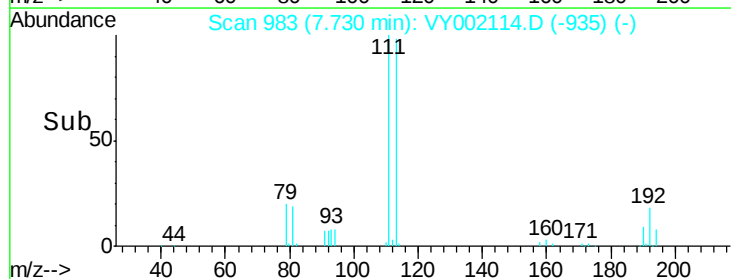
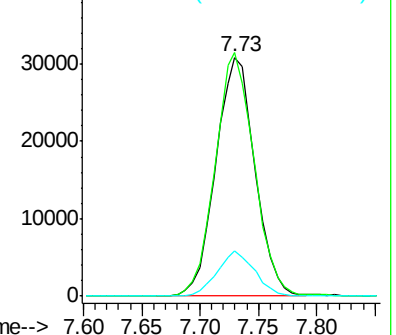
192 17.8 14.6 21.8

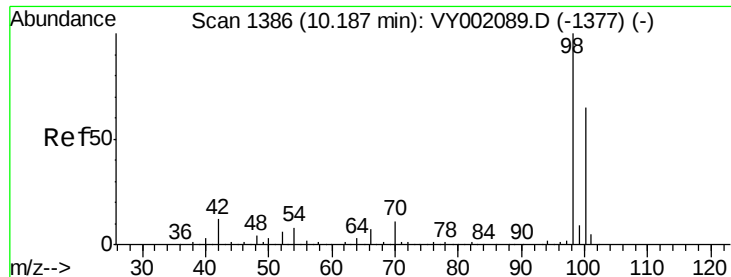


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.418 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

Instrument :

MSVOA_Y

ClientSampleId :

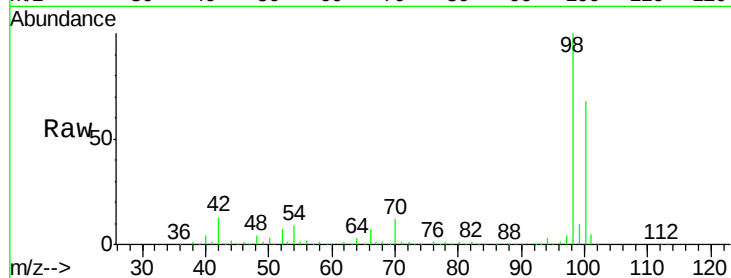
SB-04-5.5-6.0

Tot Ion: 98 Resp: 298064

Ion Ratio Lower Upper

98 100

100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002114.D (-1337) (-)

200000

150000

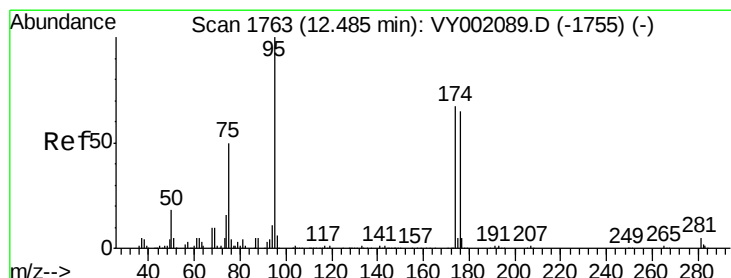
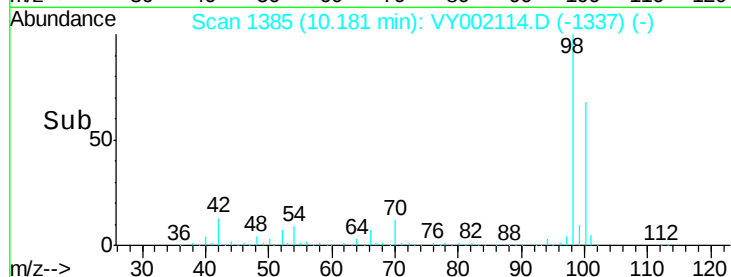
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 52.054 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

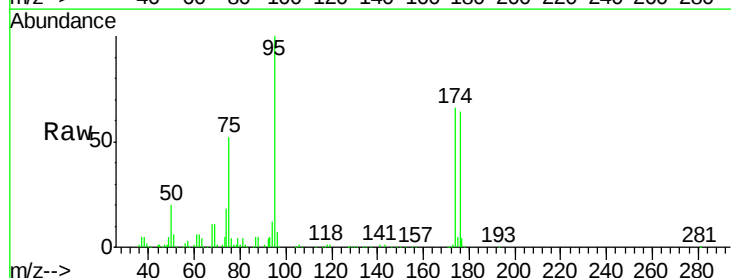
Tgt Ion: 95 Resp: 103519

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 70.5 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002114.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002114.D (-1714) (-)

80000

60000

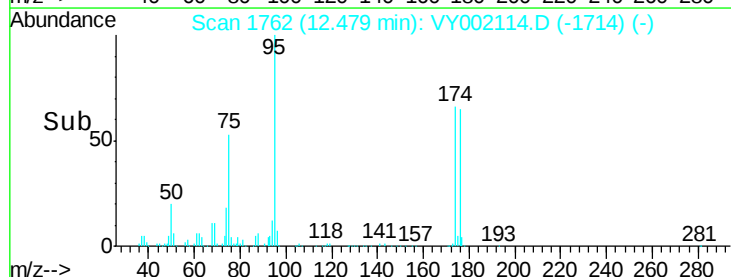
40000

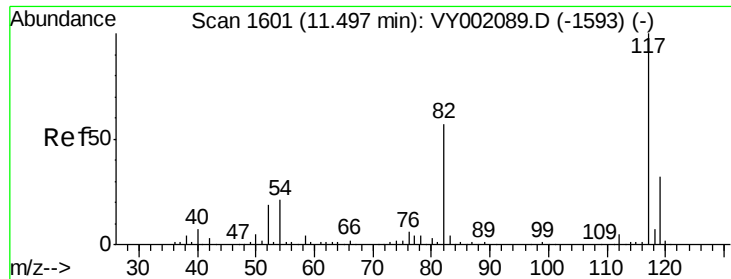
20000

0

12.40 12.45 12.50 12.55

Time-->

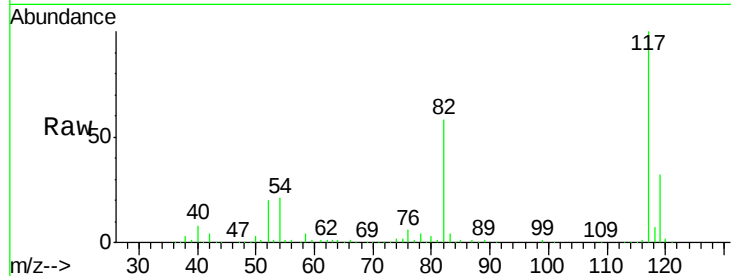




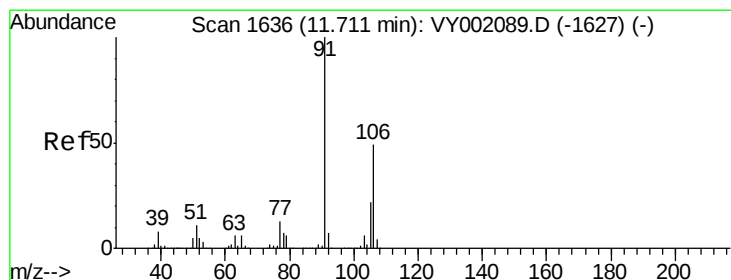
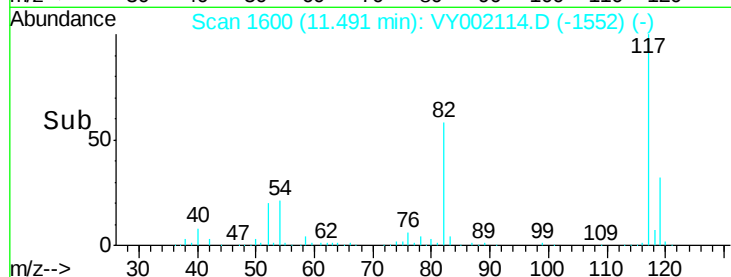
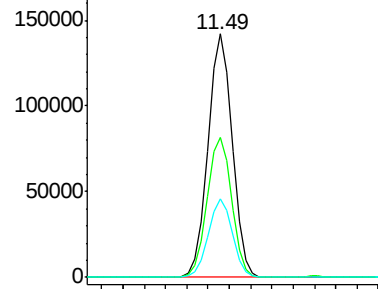
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tot Ion:117 Resp: 227723
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.1 25.3 37.9

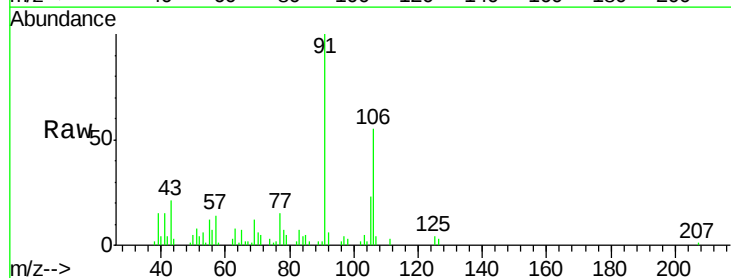


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

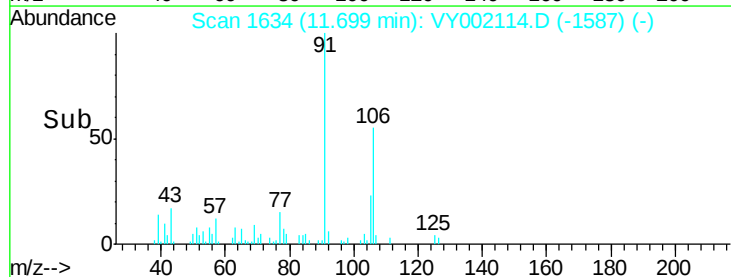
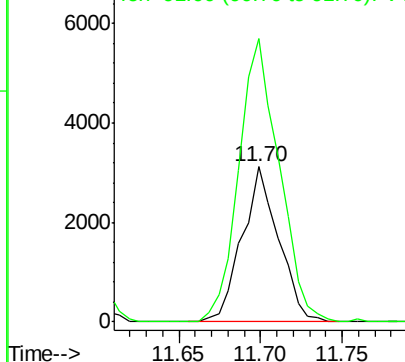


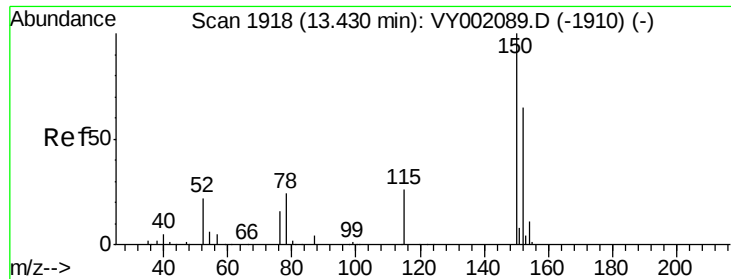
#68
m/p-Xylenes
Concen: 1.620 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion:106 Resp: 4889
Ion Ratio Lower Upper
106 100
91 201.0 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002114.D

Acq: 27 Mar 2020 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-5.5-6.0

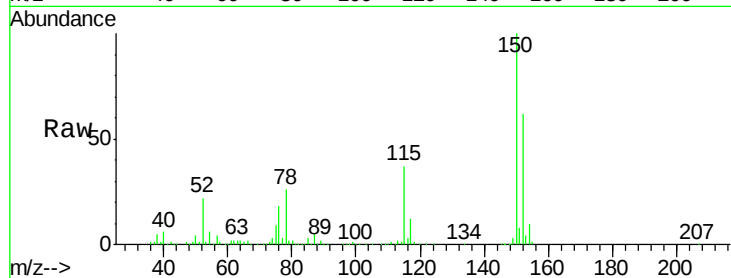
Tot Ion:152 Resp: 99215

Ion Ratio Lower Upper

152 100

115 61.4 31.2 93.6

150 157.7 0.0 354.8



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

