

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002098.D
 Acq On : 27 Mar 2020 12:32
 Operator : SY/MD
 Sample : L2042-02
 Misc : 5.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: Mar 30 03:55:45 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

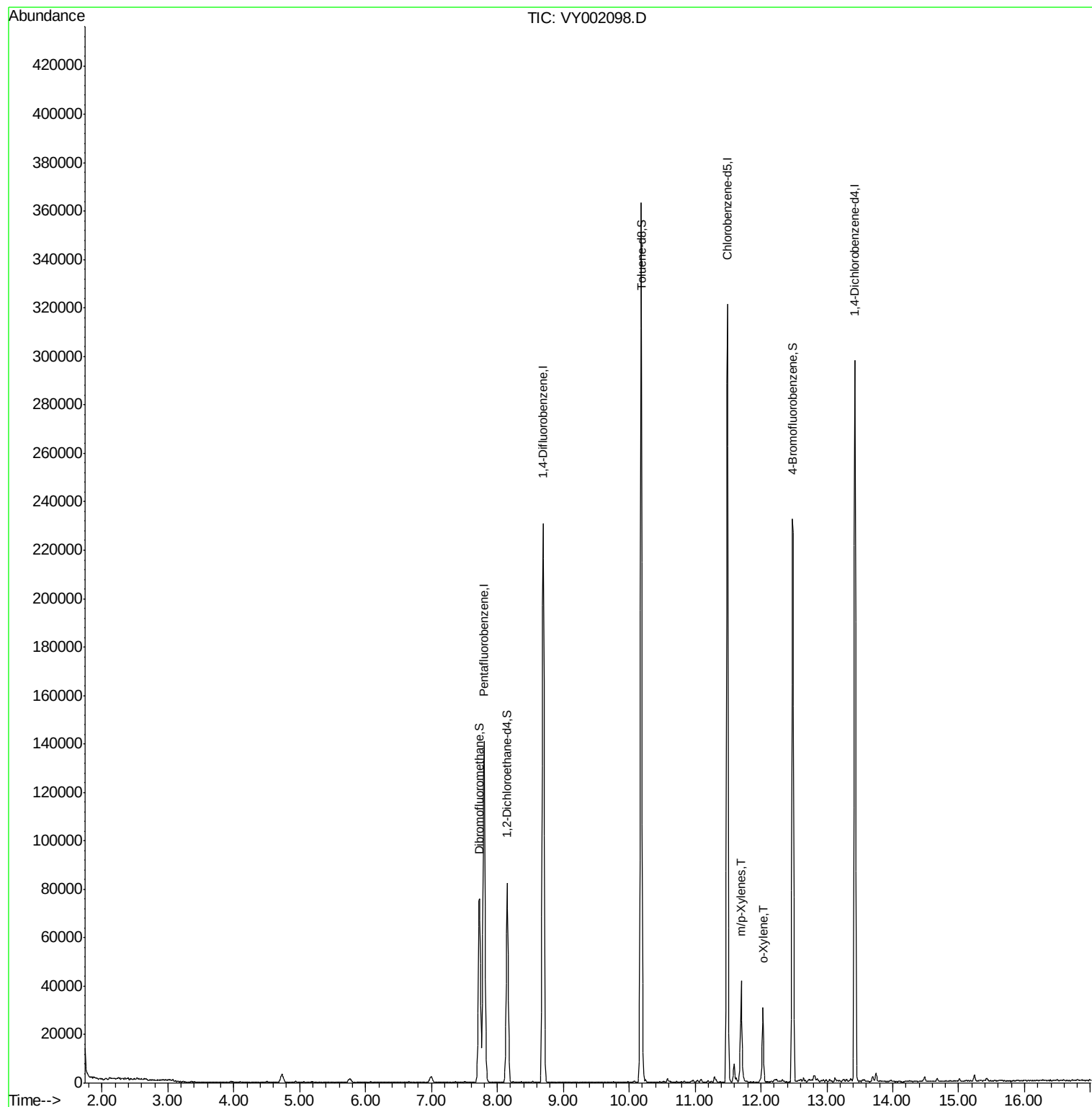
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	104405	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	195188	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	170324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	74263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60994	52.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.72	113	56019	51.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.18	98	234673	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.48	95	76839	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
Target Compounds						
68) m/p-Xylenes	11.70	106	12525	5.548	ug/l	Qvalue 100
69) o-Xylene	12.03	106	7702	3.596	ug/l	99

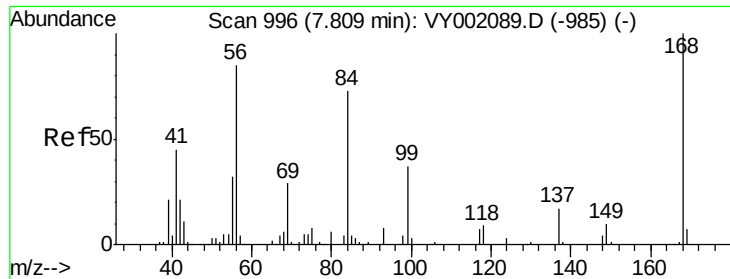
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002098.D

Acq: 27 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

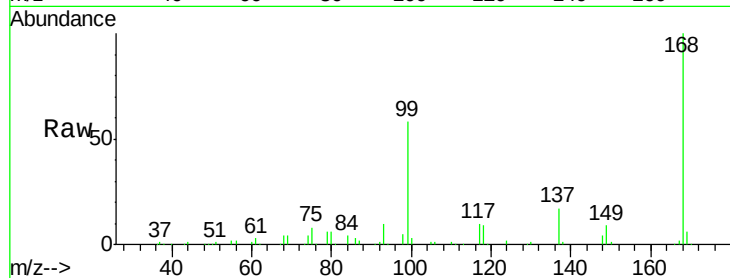
SB-02-1.0-1.5

Tot Ion:168 Resp: 104405

Ion Ratio Lower Upper

168 100

99 58.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

50000

40000

30000

20000

10000

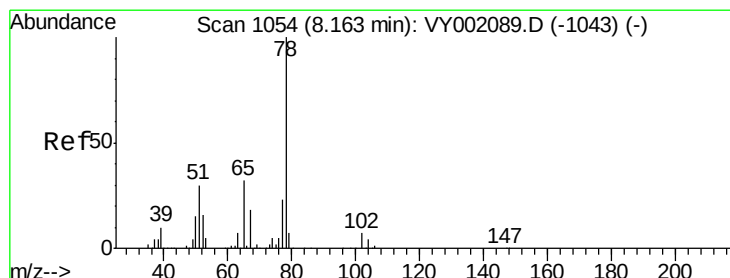
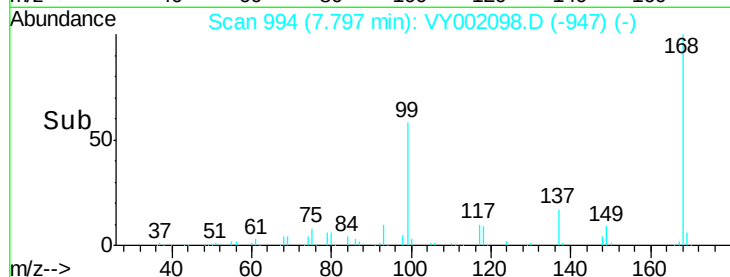
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 52.847 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002098.D

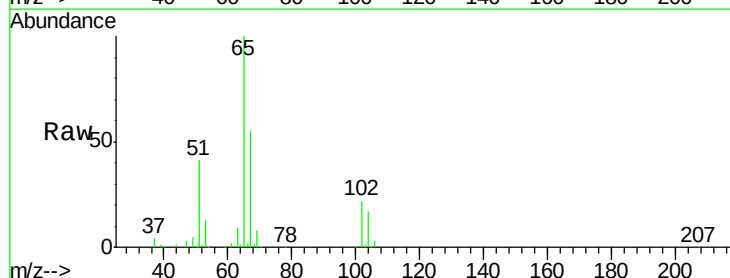
Acq: 27 Mar 2020 12:32

Tgt Ion: 65 Resp: 60994

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002089.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002089.D (-1043) (-)

8.15

30000

25000

20000

15000

10000

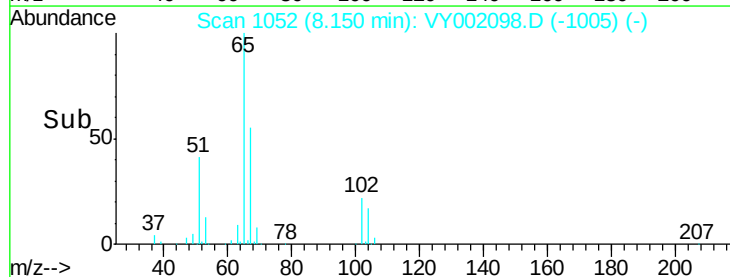
5000

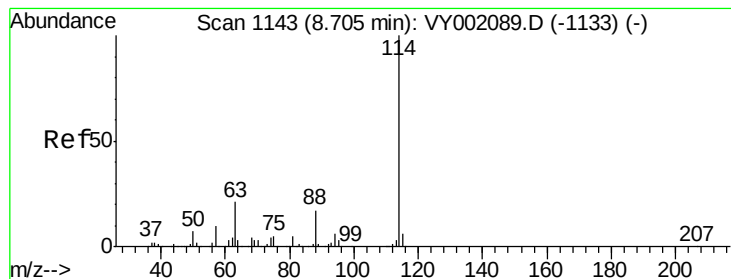
0

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: VY002098.D

Acq: 27 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-1.0-1.5

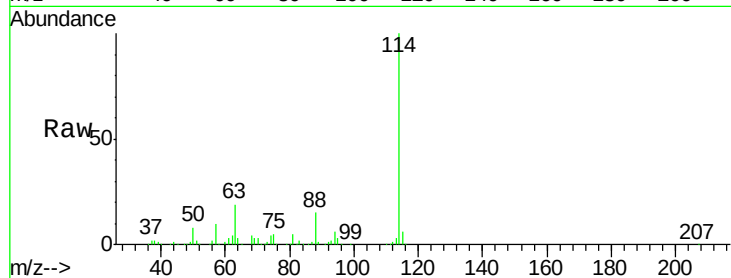
Tot Ion:114 Resp: 195188

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

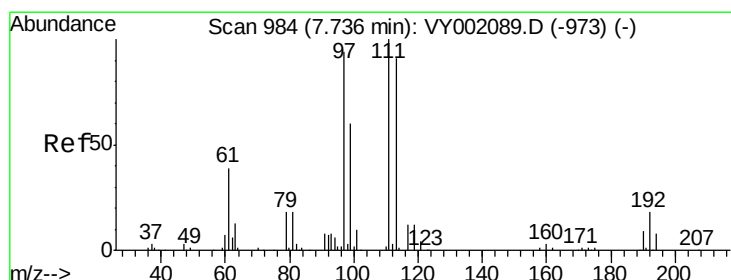
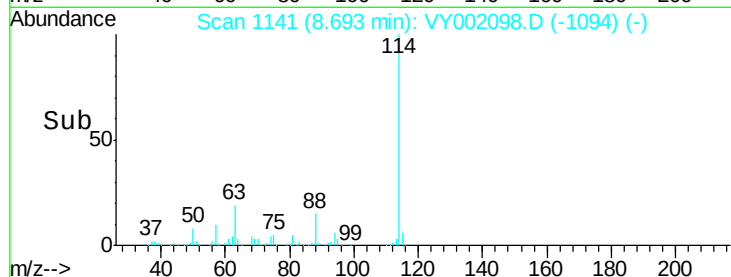
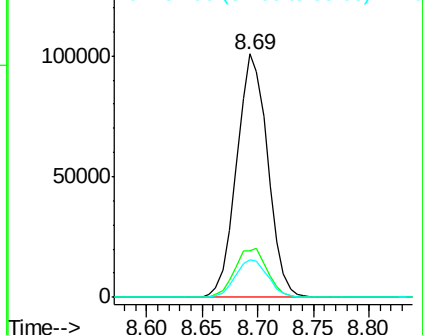
88 15.5 0.0 33.0



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: 51.221 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002098.D

Acq: 27 Mar 2020 12:32

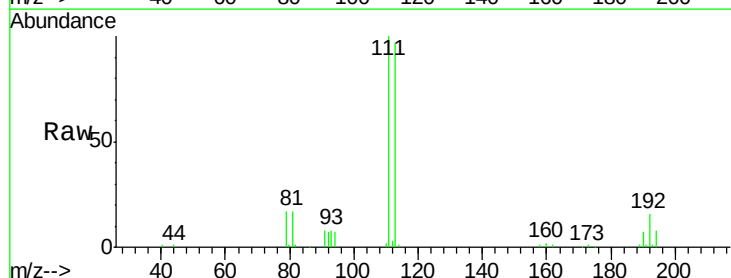
Tgt Ion:113 Resp: 56019

Ion Ratio Lower Upper

113 100

111 102.9 84.4 126.6

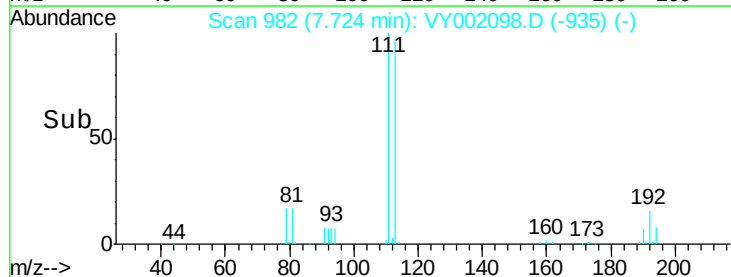
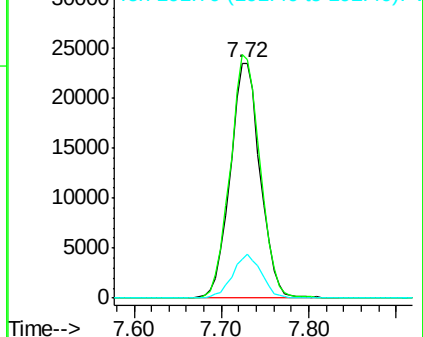
192 17.9 14.6 21.8

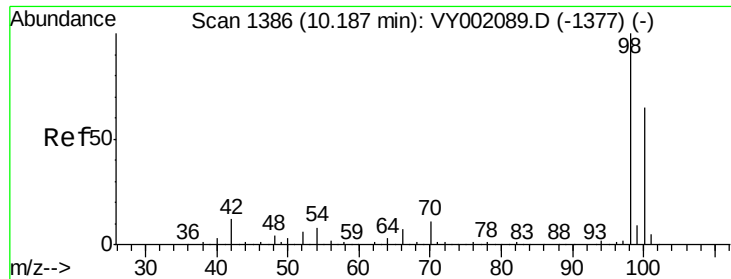


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.652 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002098.D

Acq: 27 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

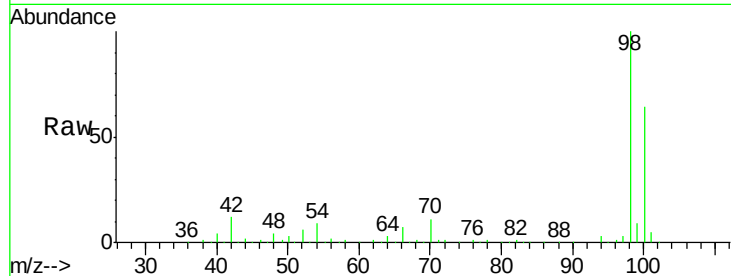
SB-02-1.0-1.5

Tot Ion: 98 Resp: 234673

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

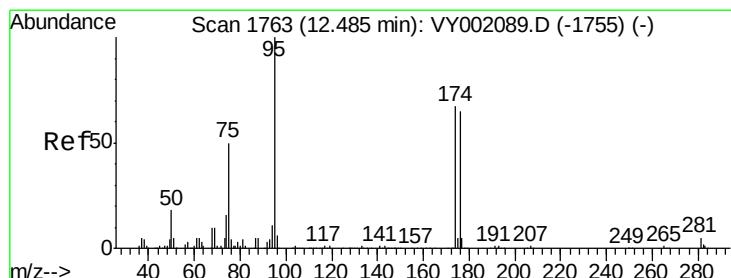
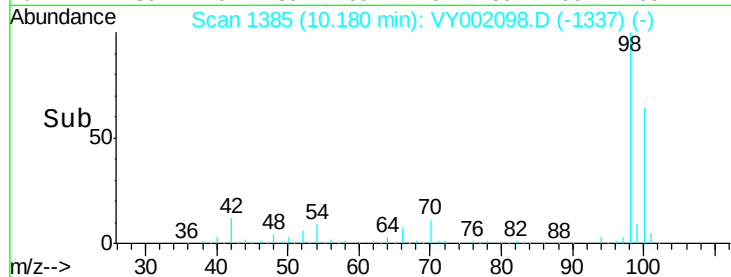
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.358 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002098.D

Acq: 27 Mar 2020 12:32

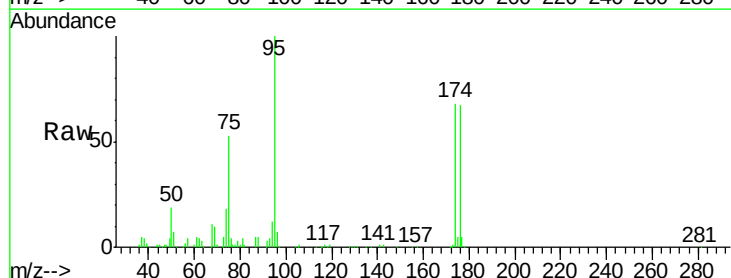
Tgt Ion: 95 Resp: 76839

Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.4

176 70.1 0.0 137.0



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

12.48

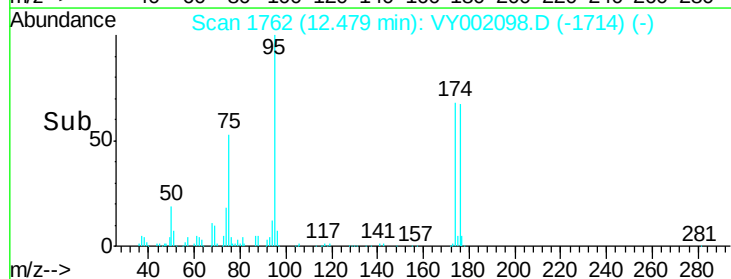
60000

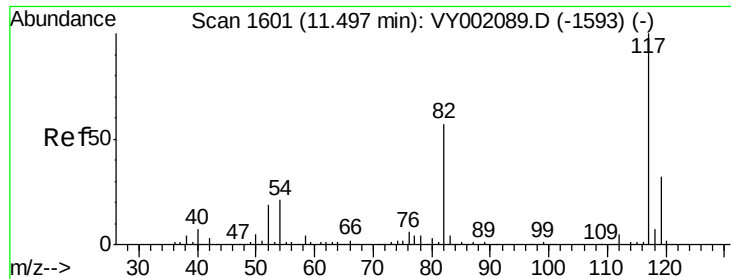
40000

20000

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Time-->

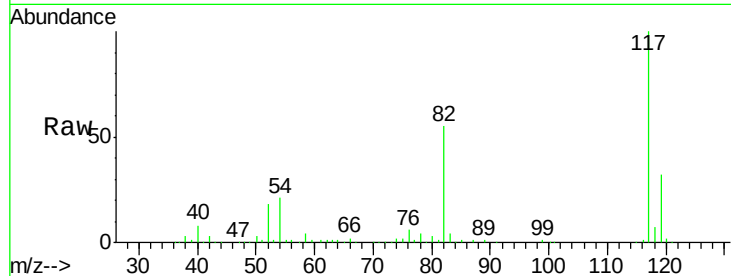




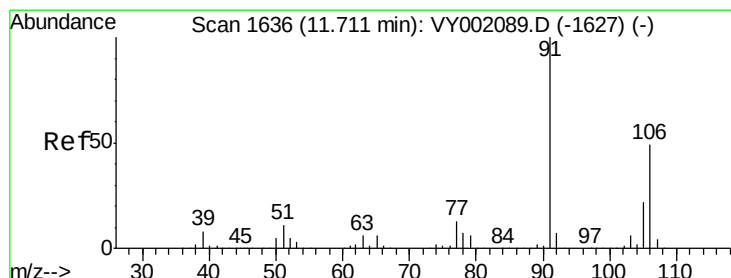
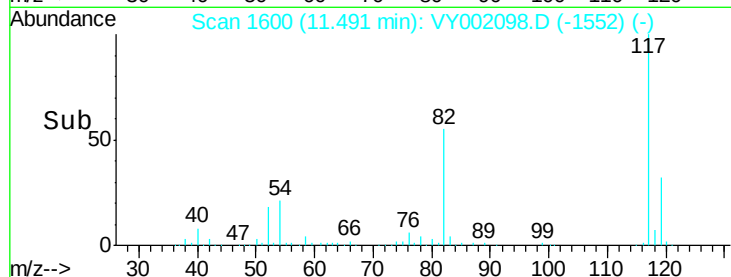
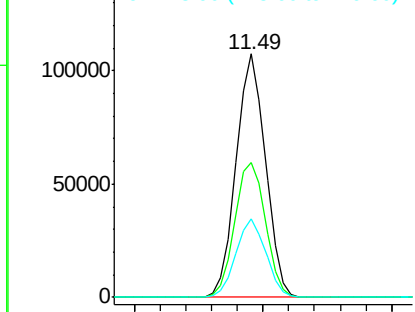
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tot Ion:117 Resp: 170324
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.4 25.3 37.9

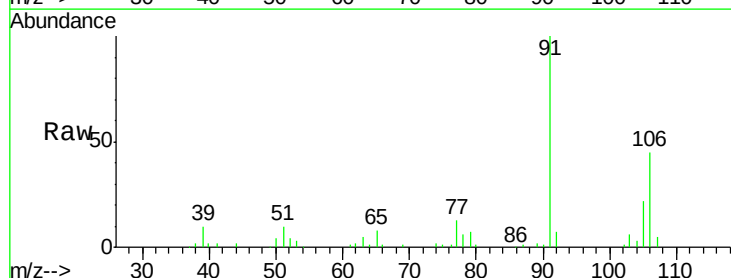


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

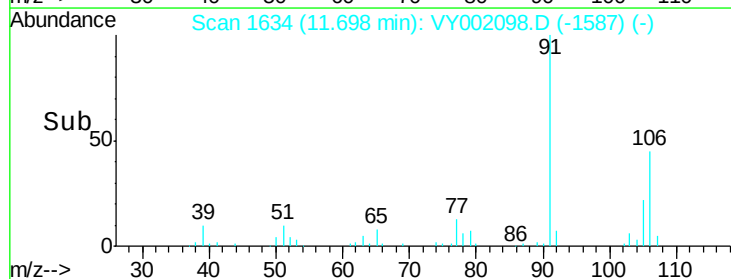
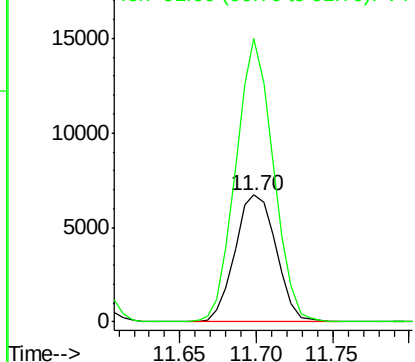


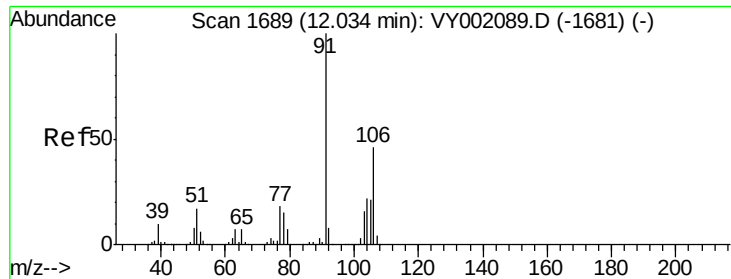
#68
m/p-Xylenes
Concen: 5.548 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion:106 Resp: 12525
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2



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

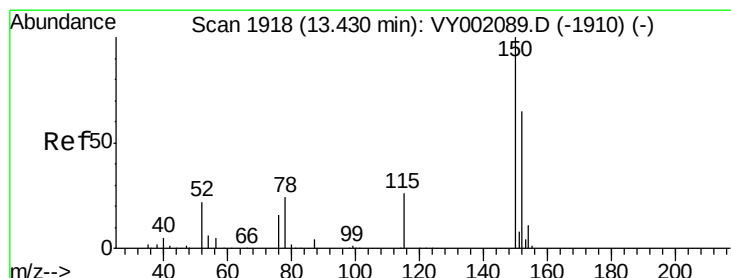
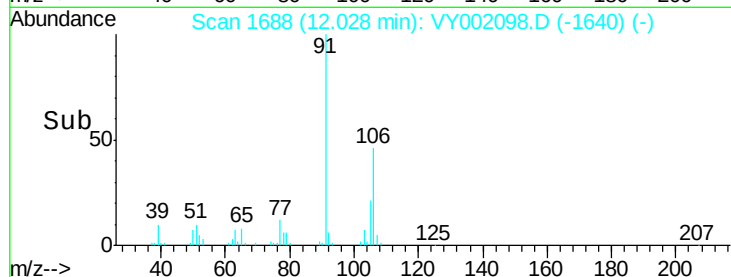
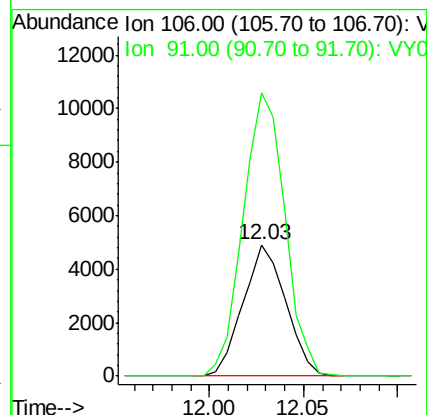
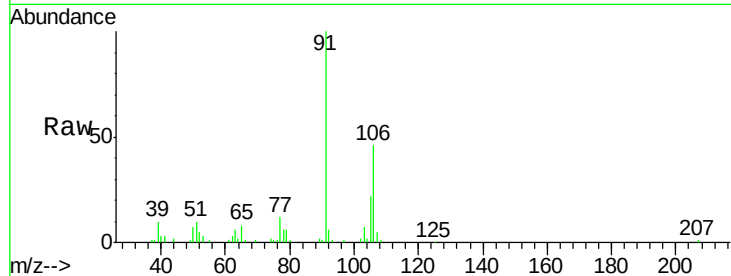




#69
o-Xylene
Concen: 3.596 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tot Ion:106 Resp: 7702
Ion Ratio Lower Upper
106 100
91 212.2 107.3 321.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion:152 Resp: 74263
Ion Ratio Lower Upper
152 100
115 60.3 31.2 93.6
150 154.4 0.0 354.8

