

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002099.D
 Acq On : 27 Mar 2020 12:55
 Operator : SY/MD
 Sample : L2042-03
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

Quant Time: Mar 30 04:00:50 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	130311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	254908	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	236444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84258	58.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.98%	
35) Dibromofluoromethane	7.73	113	76137	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.18	98	308437	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.48	95	106352	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

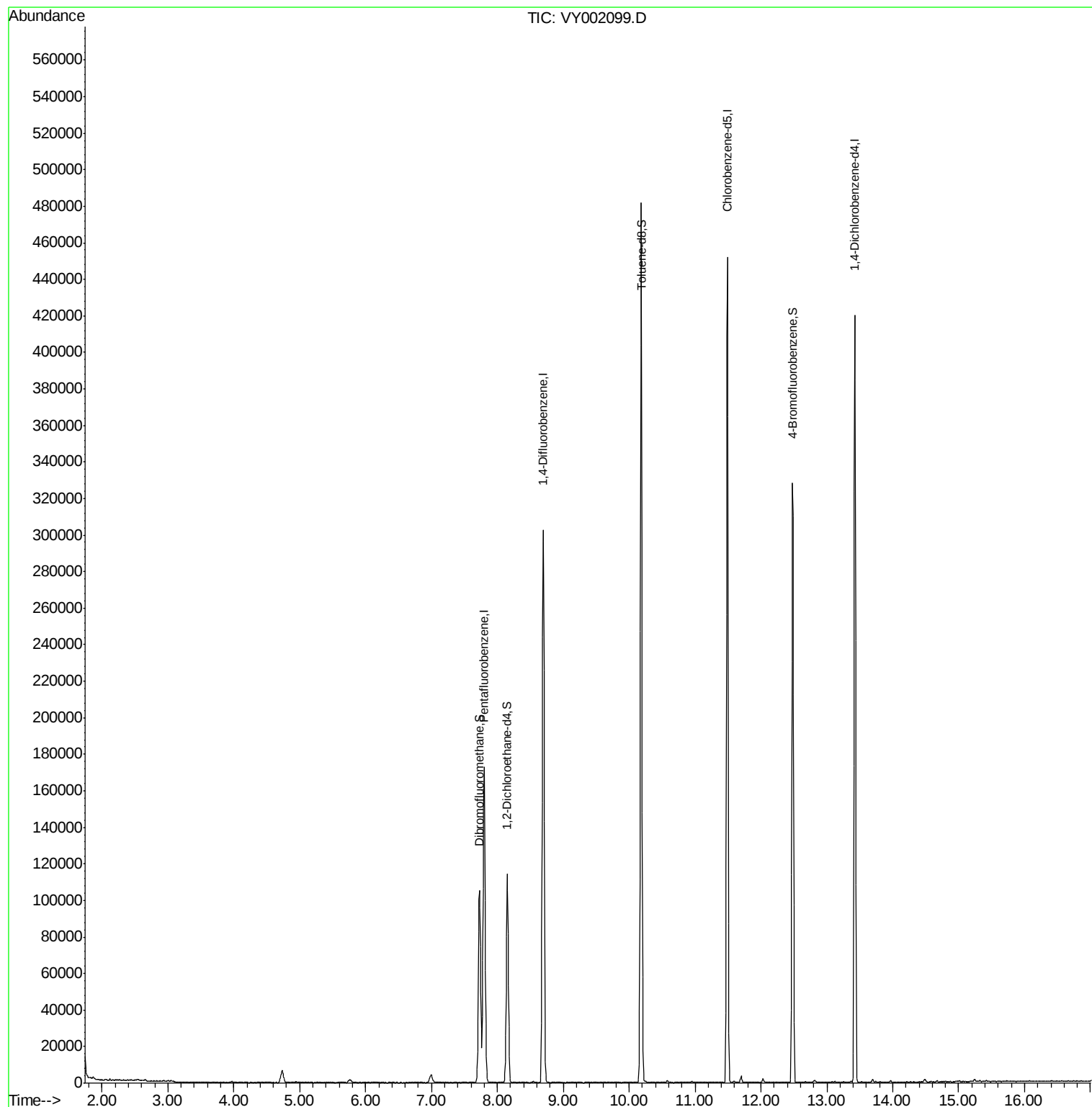
Target Compounds	Qvalue
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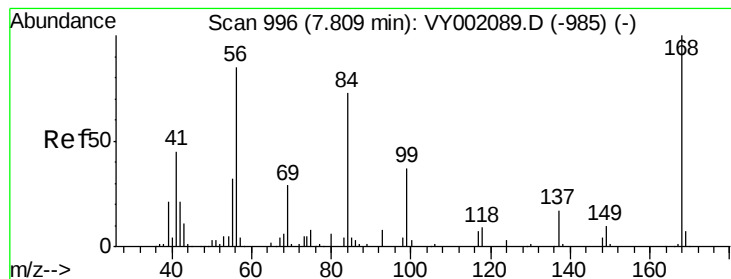
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

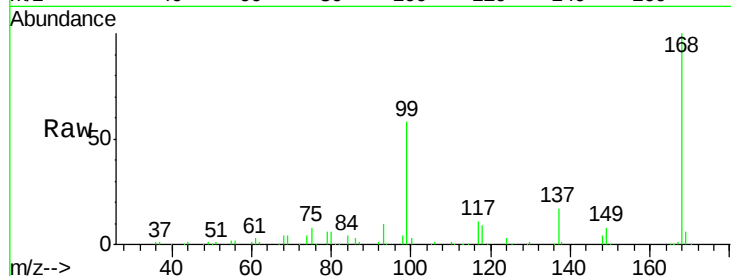
SB-03-5.5-6.0

Tot Ion:168 Resp: 130311

Ion Ratio Lower Upper

168 100

99 58.4 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

60000

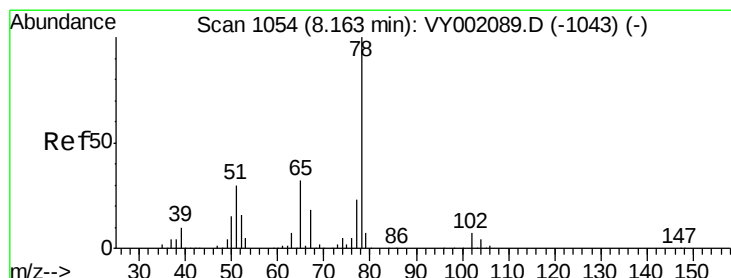
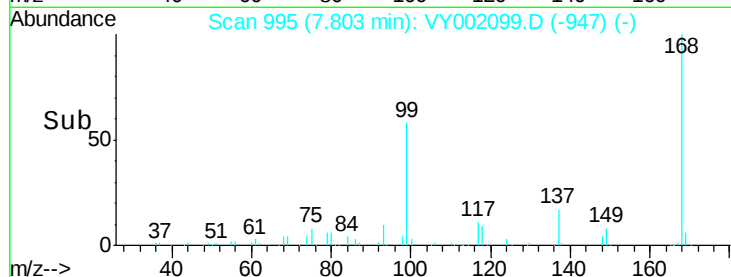
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 58.490 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002099.D

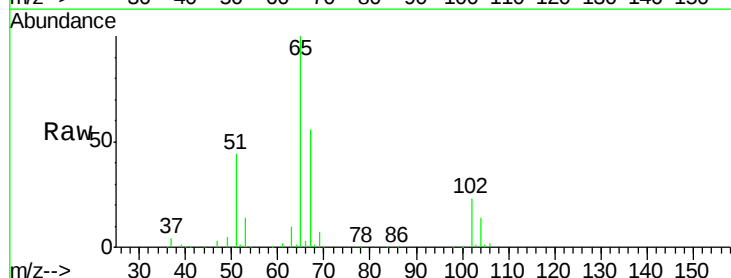
Acq: 27 Mar 2020 12:55

Tgt Ion: 65 Resp: 84258

Ion Ratio Lower Upper

65 100

67 55.5 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

40000

30000

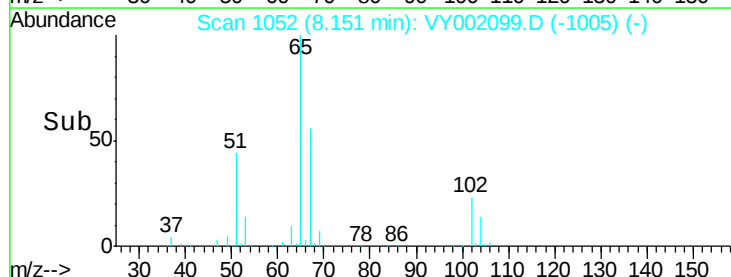
20000

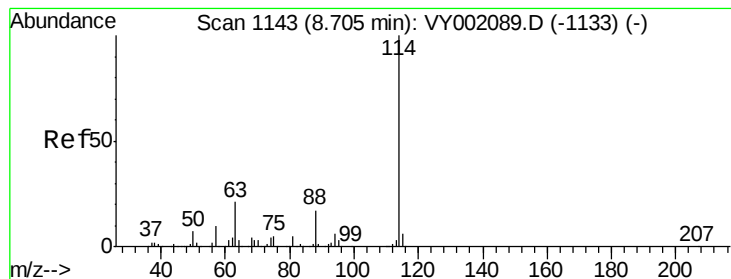
10000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

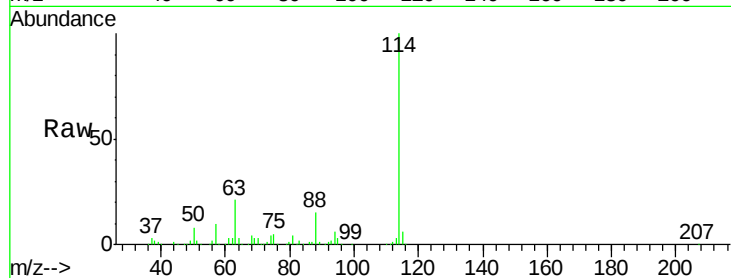
Tot Ion:114 Resp: 254908

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

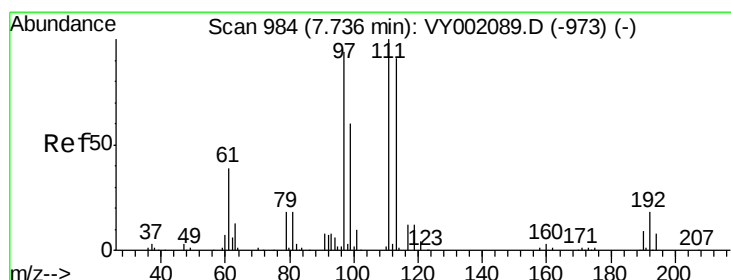
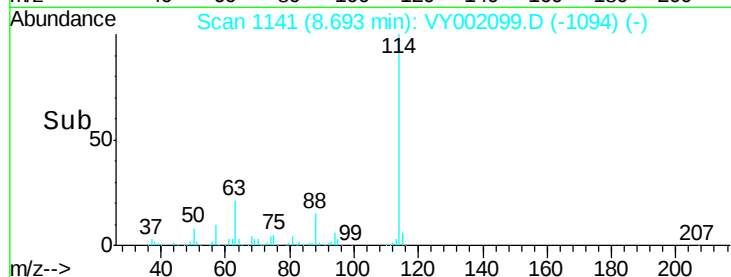
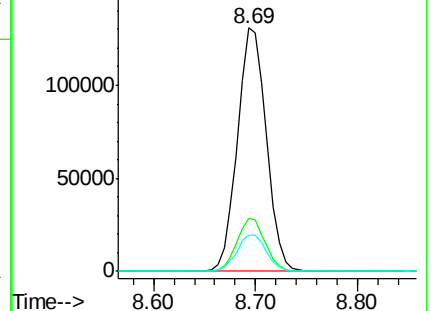
88 15.0 0.0 33.0



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: 53.307 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

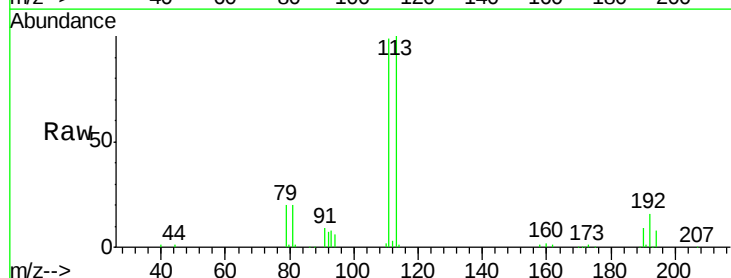
Tgt Ion:113 Resp: 76137

Ion Ratio Lower Upper

113 100

111 103.4 84.4 126.6

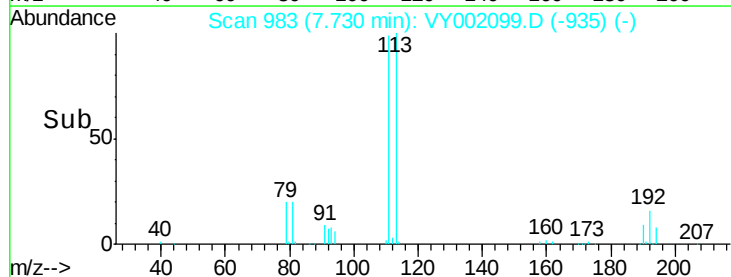
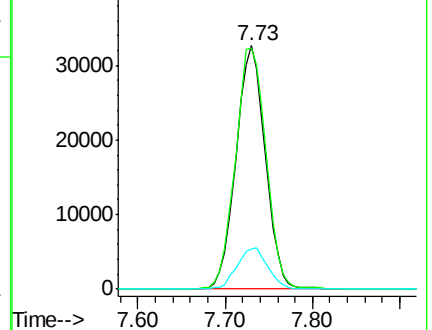
192 17.5 14.6 21.8

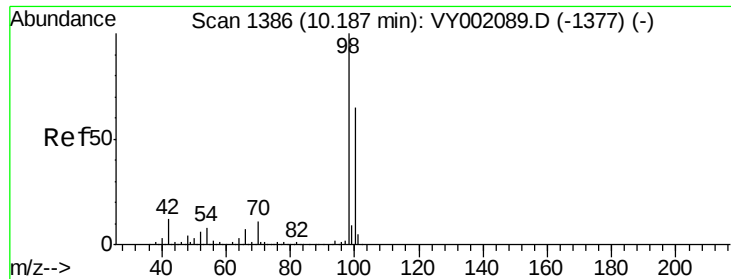


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.983 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

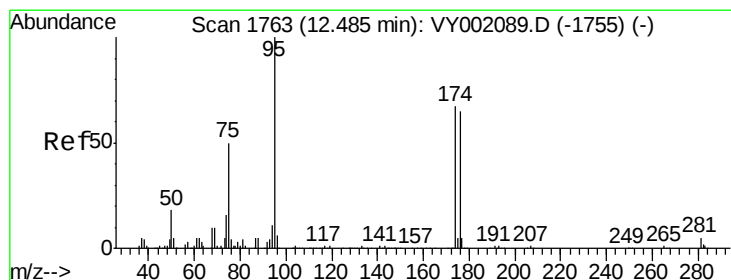
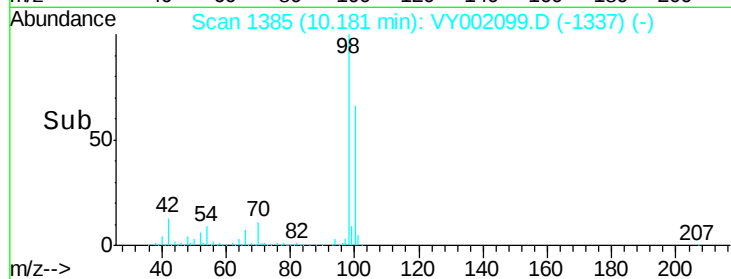
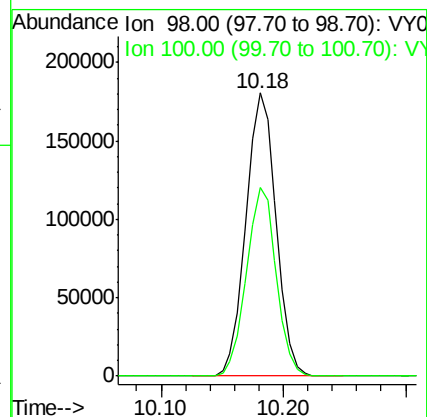
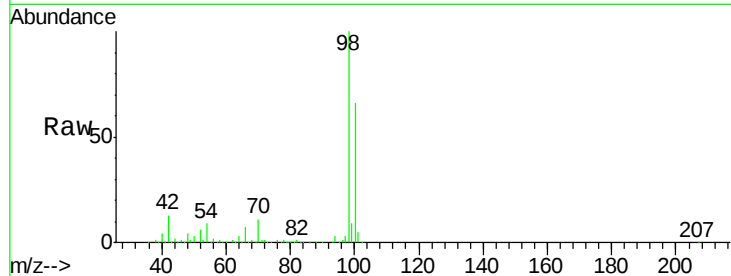
SB-03-5.5-6.0

Tot Ion: 98 Resp: 308437

Ion Ratio Lower Upper

98 100

100 65.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.251 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

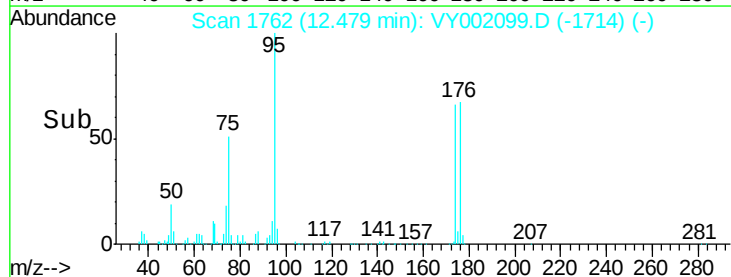
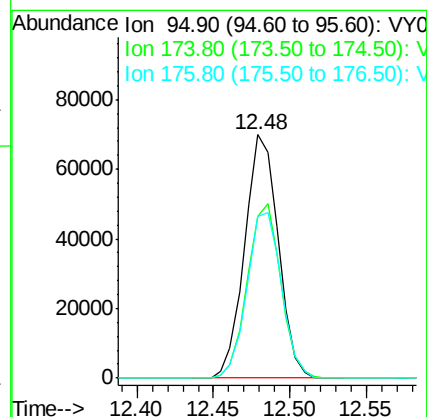
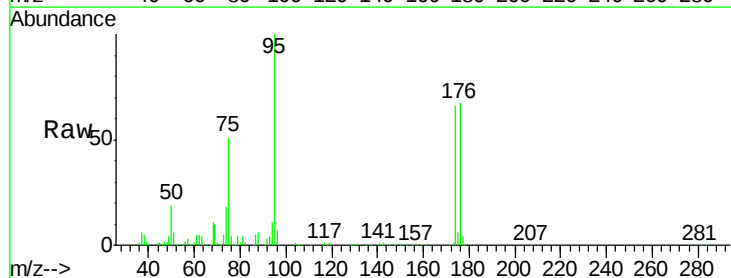
Tgt Ion: 95 Resp: 106352

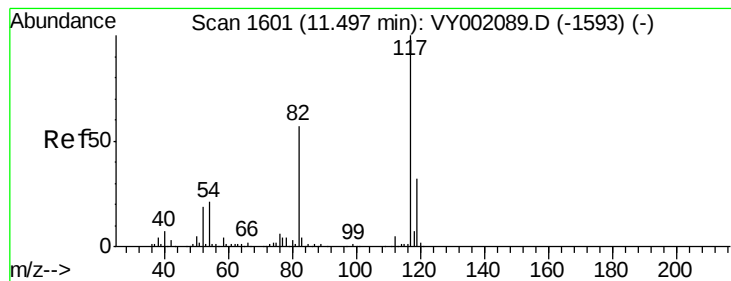
Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 70.2 0.0 137.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

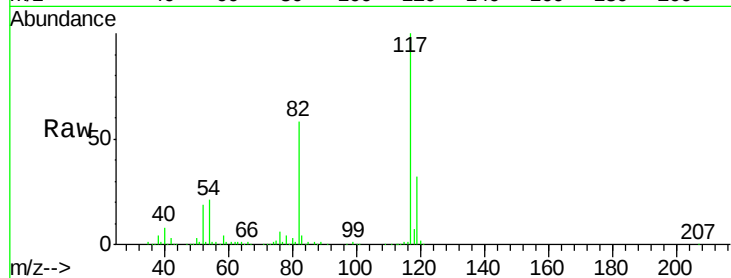
Tot Ion:117 Resp: 236444

Ion Ratio Lower Upper

117 100

82 58.4 45.4 68.2

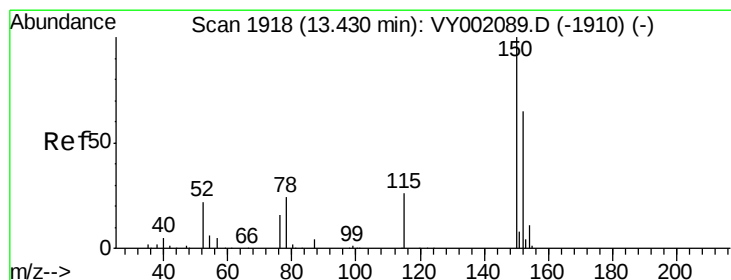
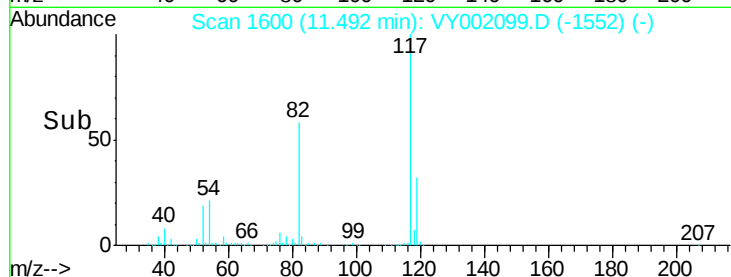
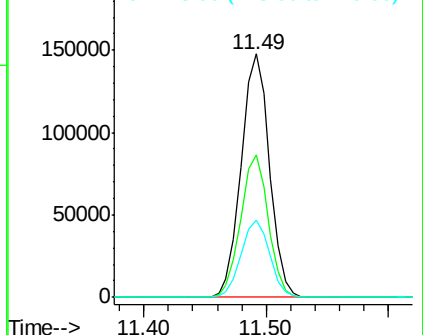
119 31.7 25.3 37.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

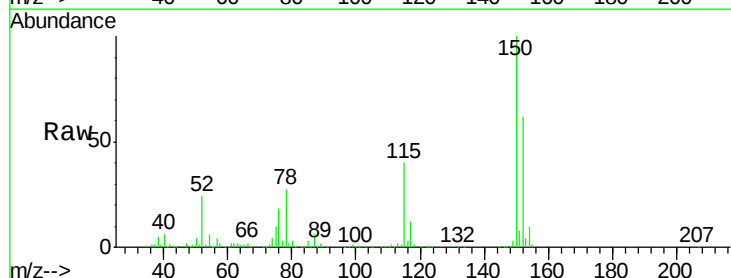
Tgt Ion:152 Resp: 100980

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

150 158.1 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

