

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001880.D
 Acq On : 05 Mar 2020 14:36
 Operator : SY/MD
 Sample : L1778-22
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S10

Quant Time: Mar 06 05:31:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	34975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	63143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	49385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	17144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	19153	51.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	7.73	113	17497	50.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.19	98	72282	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.49	95	20094	39.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.50%	

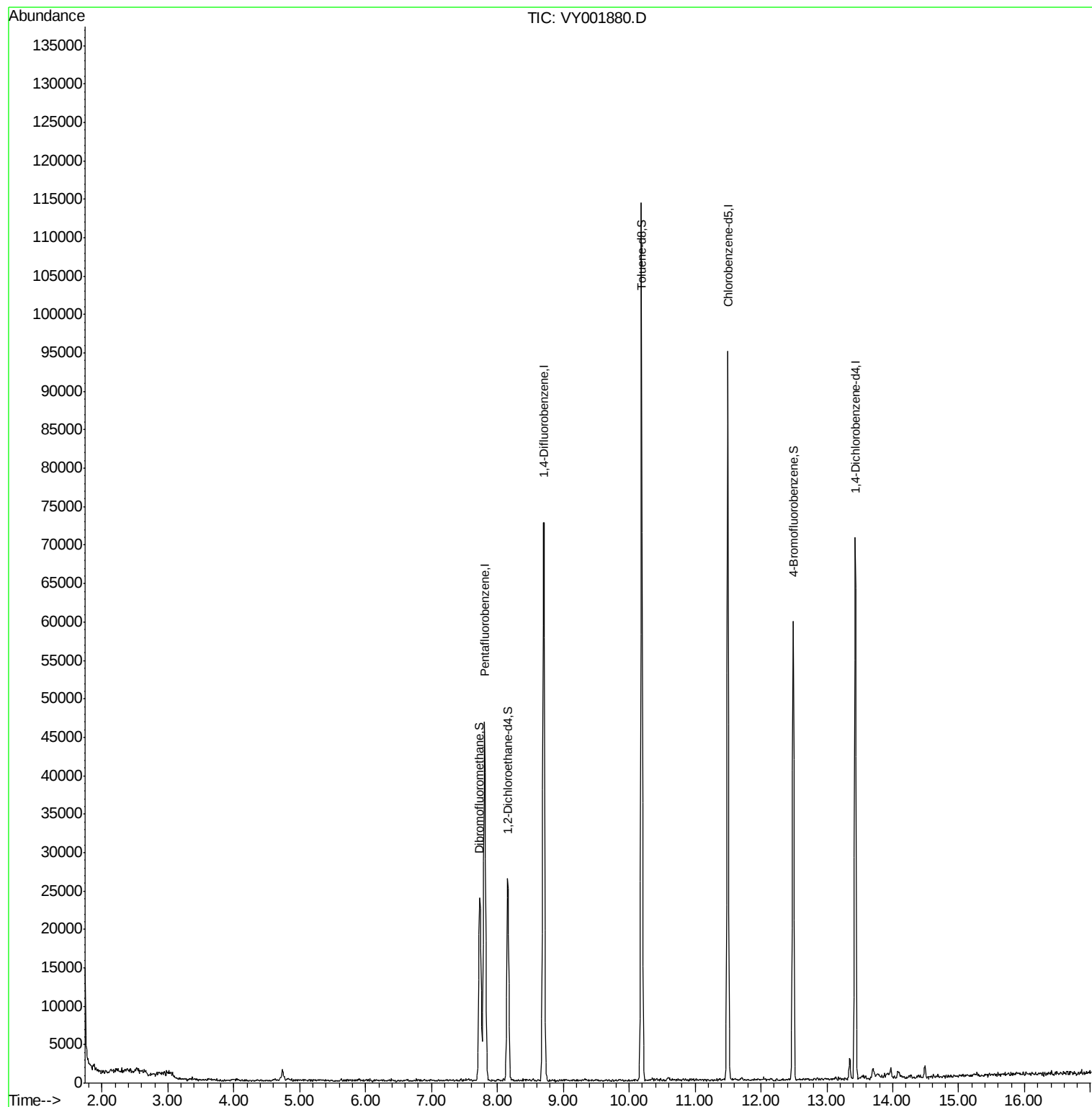
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampled :

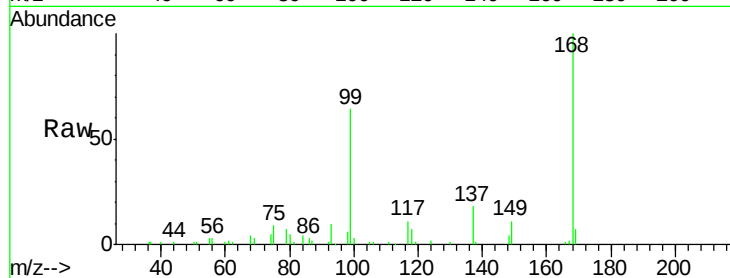
S10

Tot Ion:168 Resp: 34975

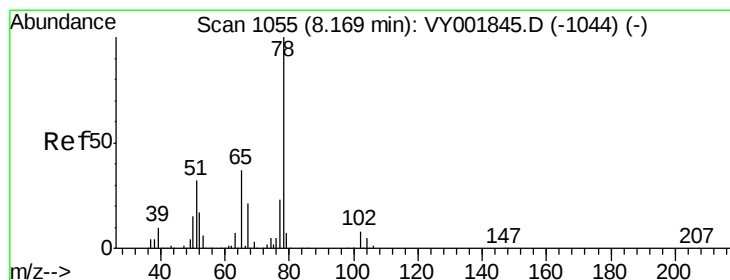
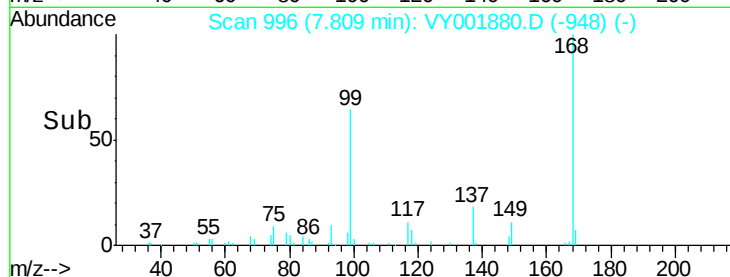
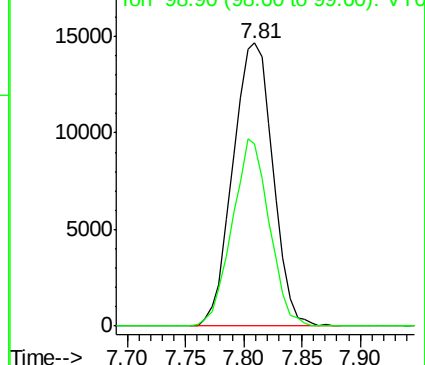
Ion Ratio Lower Upper

168 100

99 64.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001880.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.296 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001880.D

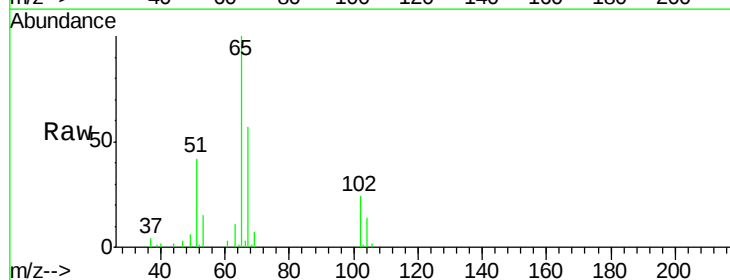
Acq: 05 Mar 2020 14:36

Tgt Ion: 65 Resp: 19153

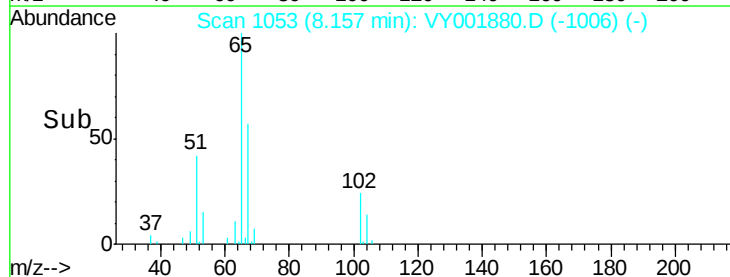
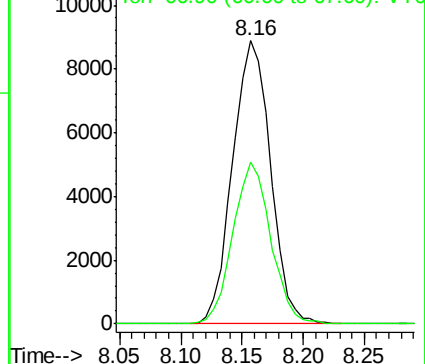
Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001880.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

S10

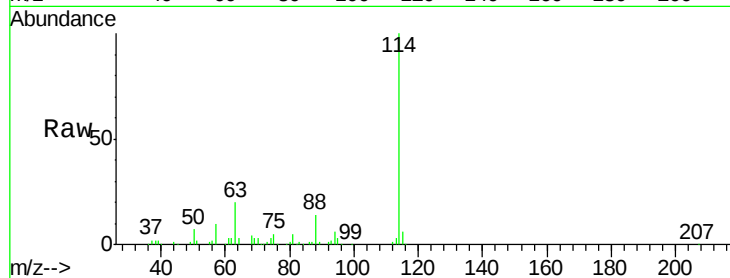
Tot Ion:114 Resp: 63143

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

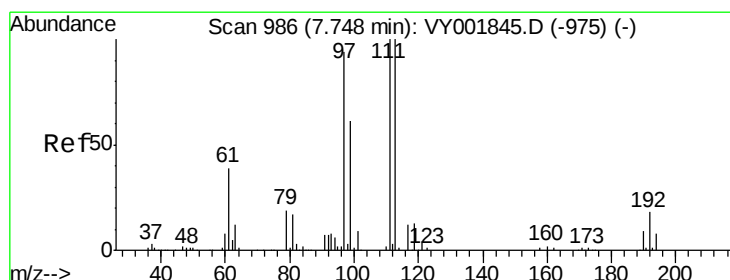
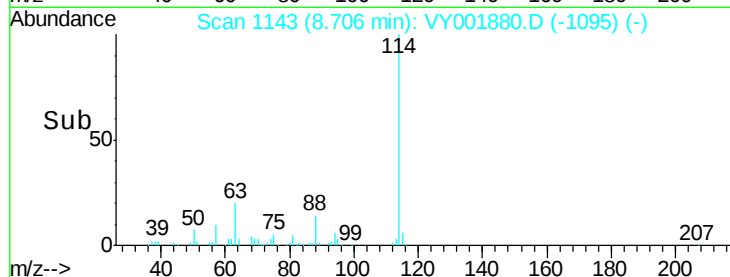
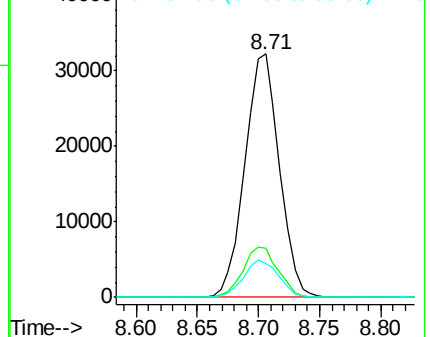
88 14.0 0.0 30.4



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: 50.747 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

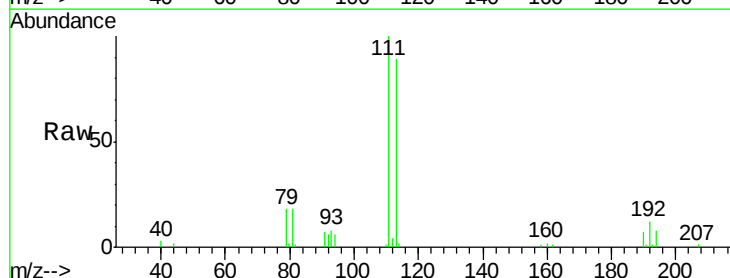
Tgt Ion:113 Resp: 17497

Ion Ratio Lower Upper

113 100

111 109.1 81.8 122.8

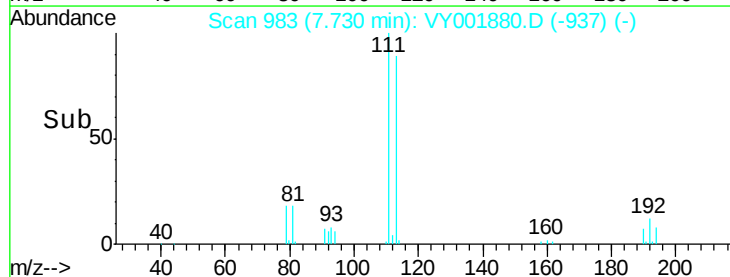
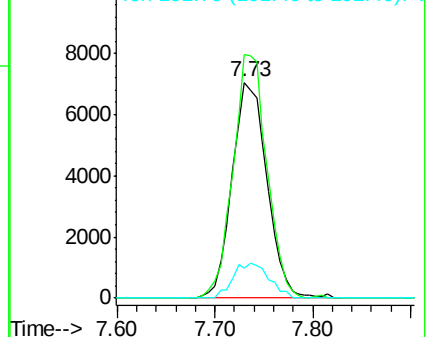
192 16.6 14.2 21.2

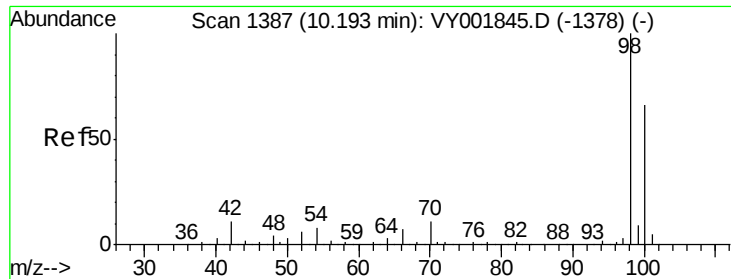


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.715 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

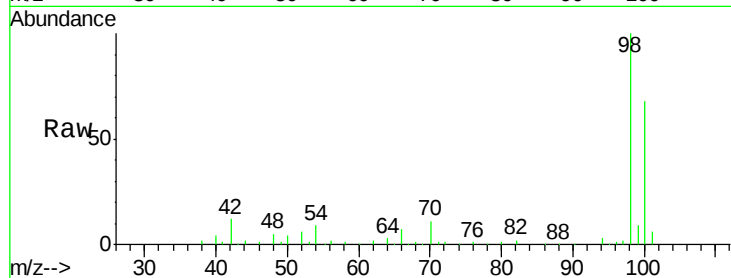
S10

Tot Ion: 98 Resp: 72282

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

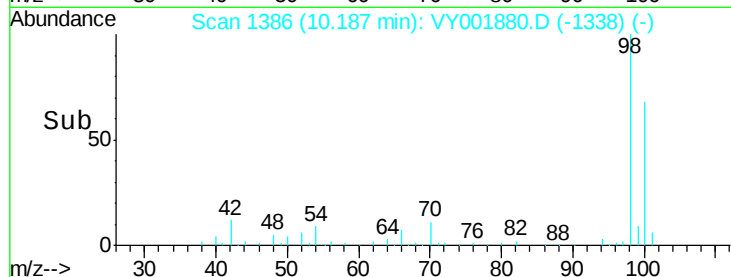


Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001880.D (-1338) (-)

10.19

Time-->



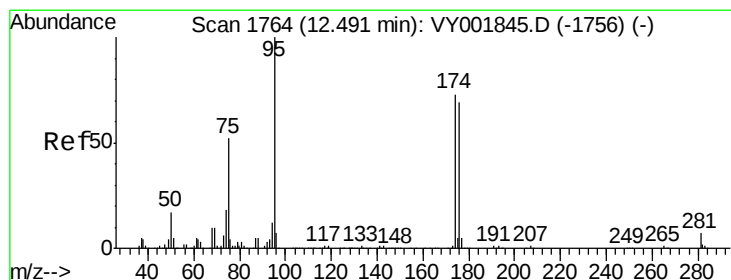
Abundance

Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001880.D (-1338) (-)

10.19

Time-->



#62

4-Bromofluorobenzene

Concen: 39.747 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

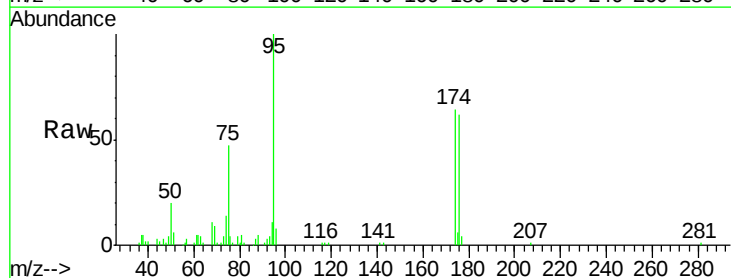
Tgt Ion: 95 Resp: 20094

Ion Ratio Lower Upper

95 100

174 70.8 0.0 145.0

176 68.9 0.0 137.4



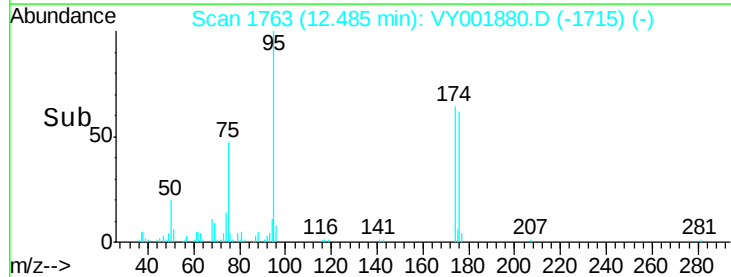
Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001880.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001880.D (-1715) (-)

12.49

Time-->



Abundance

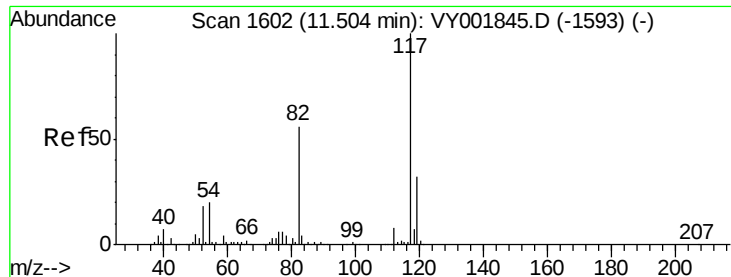
Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001880.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001880.D (-1715) (-)

12.49

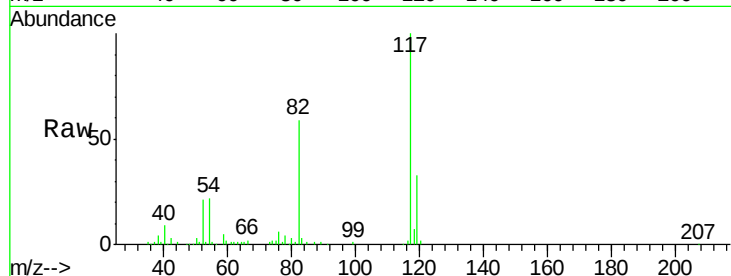
Time-->



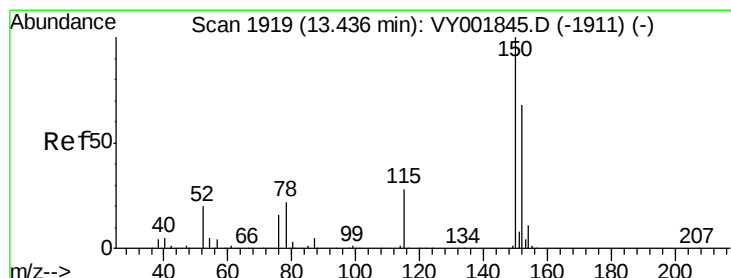
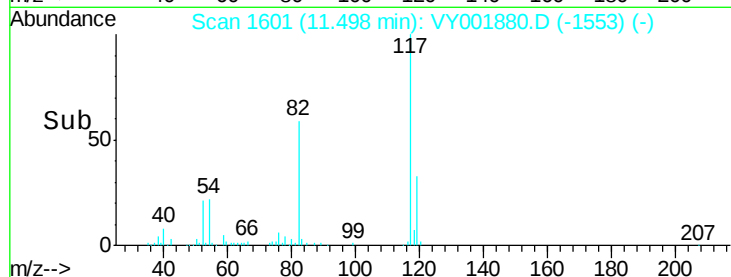
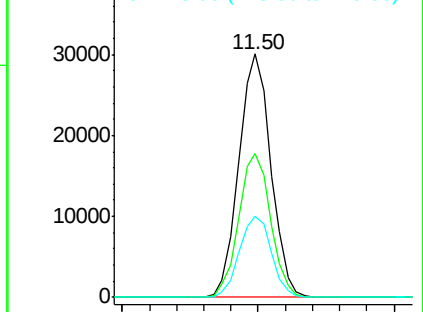
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001880.D
Acq: 05 Mar 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
S10

Tot Ion:117 Resp: 49385
Ion Ratio Lower Upper
117 100
82 59.0 44.5 66.7
119 33.3 25.7 38.5

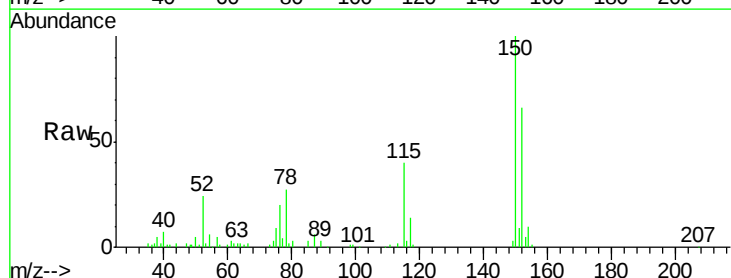


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001880.D
Acq: 05 Mar 2020 14:36

Tgt Ion:152 Resp: 17144
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 158.6 0.0 340.6



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

