

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001958.D
 Acq On : 12 Mar 2020 14:14
 Operator : SY/MD
 Sample : L1907-05
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9(3-4)

Quant Time: Mar 13 06:37:23 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	7.82	168	173811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	330180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	133229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	107789	58.09	ug/l	0.00
Spiked Amount			Recovery	=	116.18%	
35) Dibromofluoromethane	7.74	113	97478	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
50) Toluene-d8	10.19	98	403346	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.49	95	142531	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	

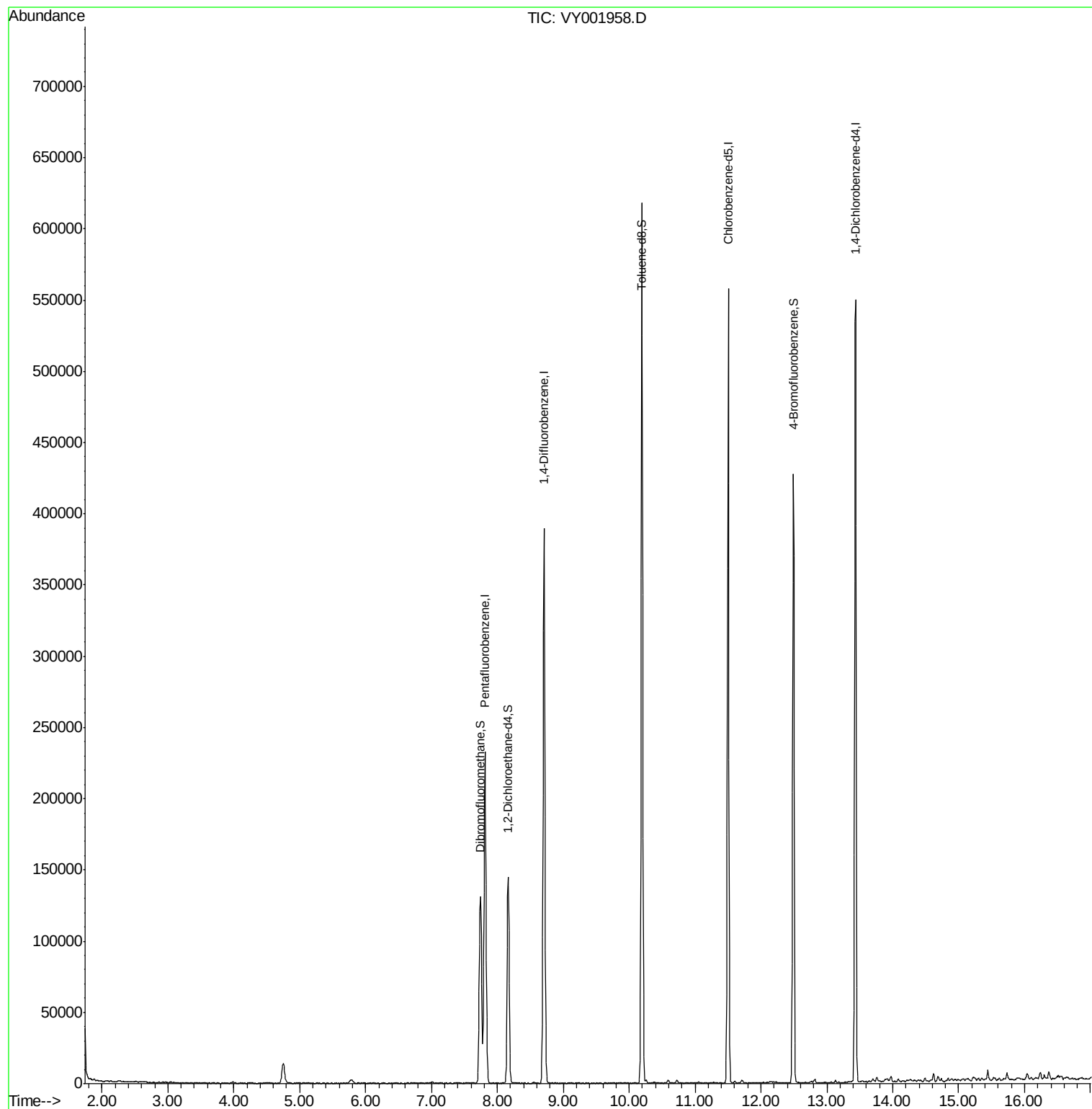
Target Compounds	Qvalue
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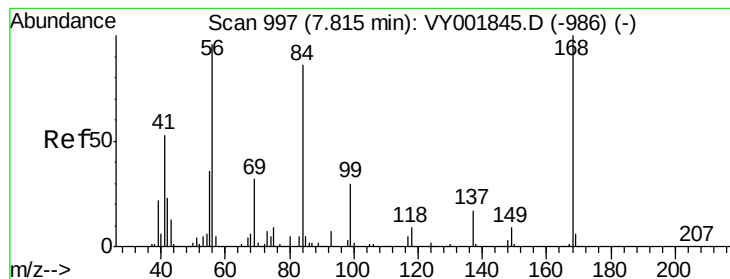
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001958.D

Acq: 12 Mar 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

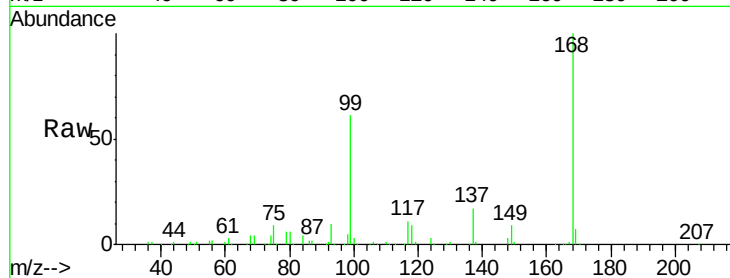
TP-9(3-4)

Tot Ion:168 Resp: 173811

Ion Ratio Lower Upper

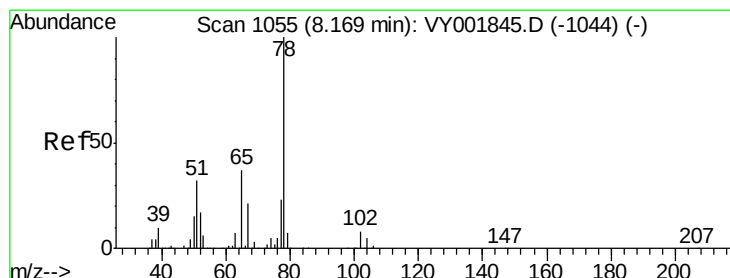
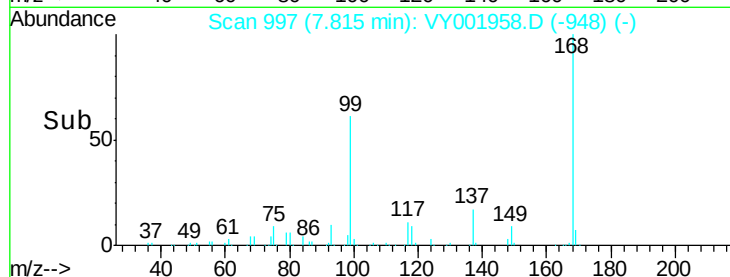
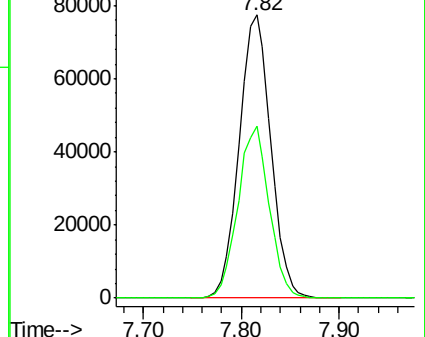
168 100

99 61.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.090 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001958.D

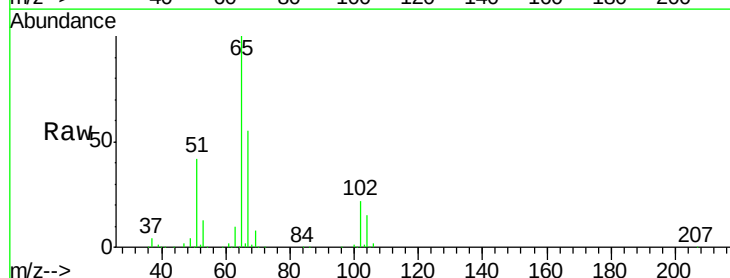
Acq: 12 Mar 2020 14:14

Tgt Ion: 65 Resp: 107789

Ion Ratio Lower Upper

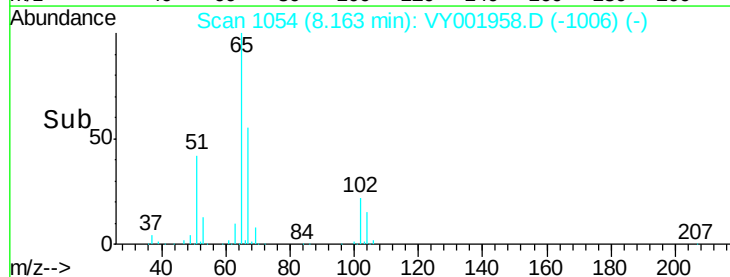
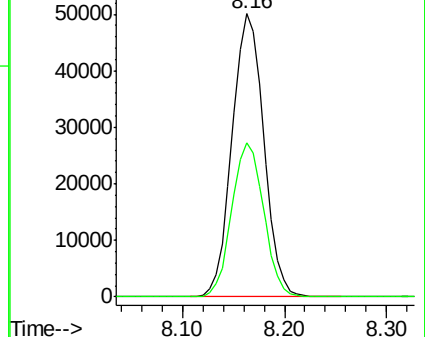
65 100

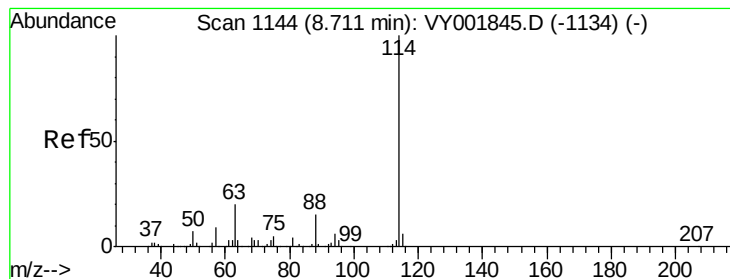
67 54.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001958.D

Acq: 12 Mar 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-9(3-4)

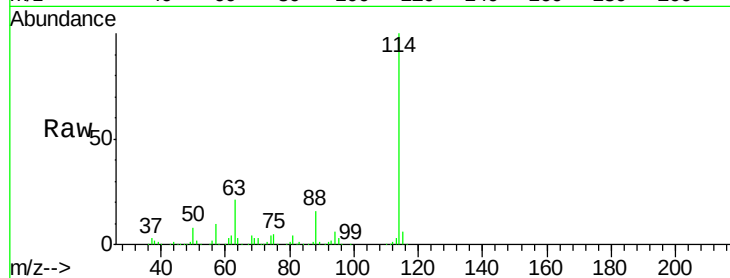
Tot Ion:114 Resp: 330180

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

88 16.2 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

200000

150000

100000

50000

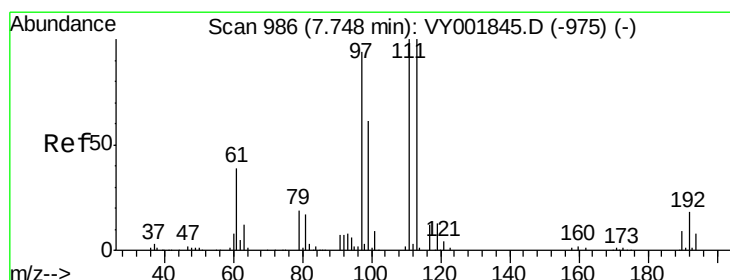
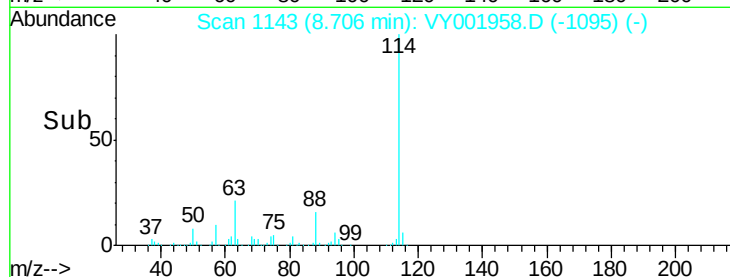
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 54.066 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001958.D

Acq: 12 Mar 2020 14:14

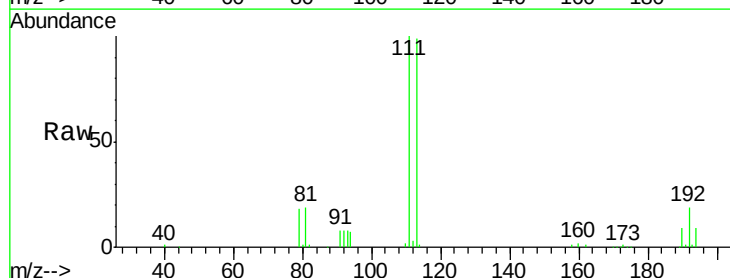
Tgt Ion:113 Resp: 97478

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 17.9 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

50000

40000

30000

20000

10000

0

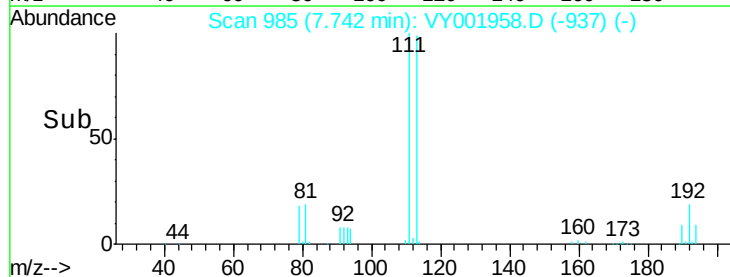
7.60

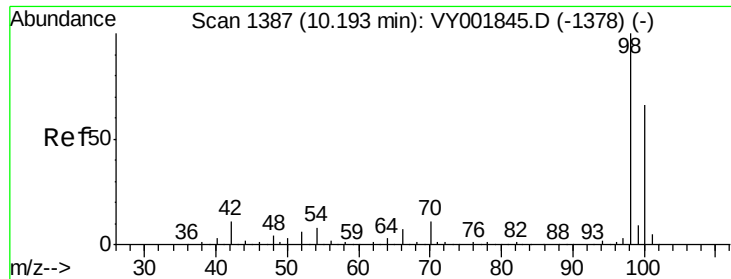
7.70

7.80

7.90

Time-->





#50

Toluene-d8

Concen: 53.053 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001958.D

Acq: 12 Mar 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

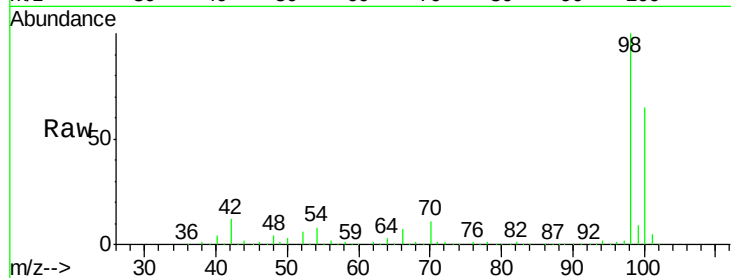
TP-9(3-4)

Tot Ion: 98 Resp: 403346

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

250000

200000

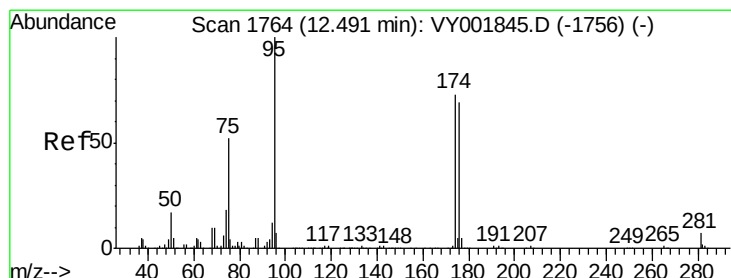
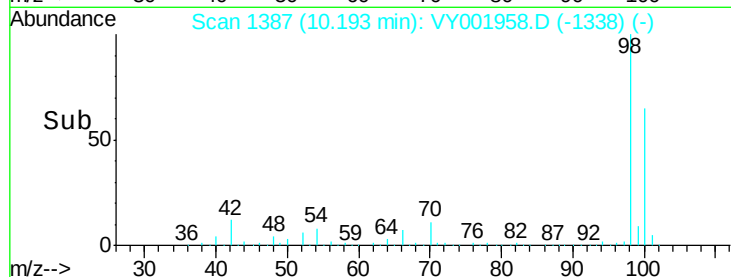
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.917 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001958.D

Acq: 12 Mar 2020 14:14

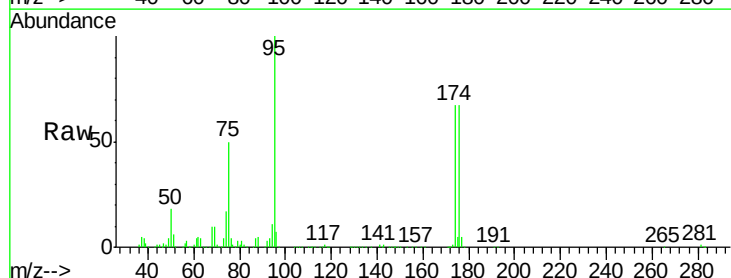
Tgt Ion: 95 Resp: 142531

Ion Ratio Lower Upper

95 100

174 70.4 0.0 145.0

176 69.1 0.0 137.4



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

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

120000

100000

80000

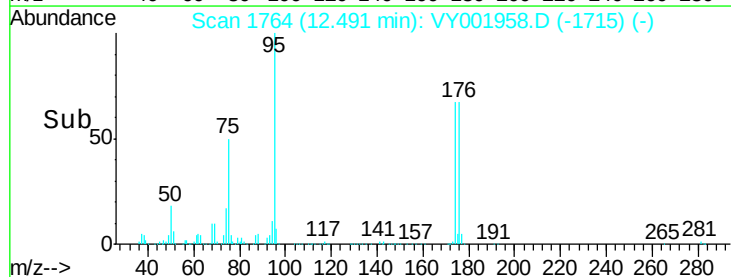
60000

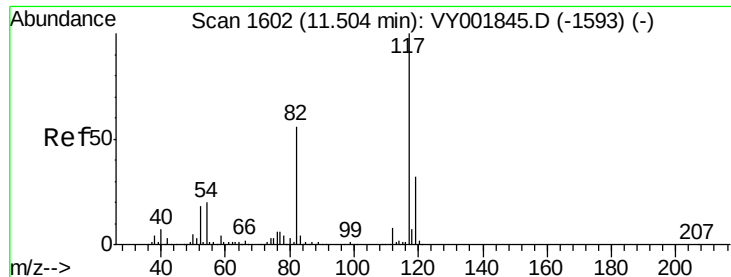
40000

20000

0

Time-->

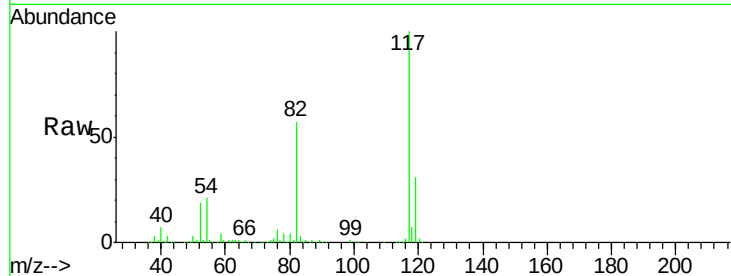




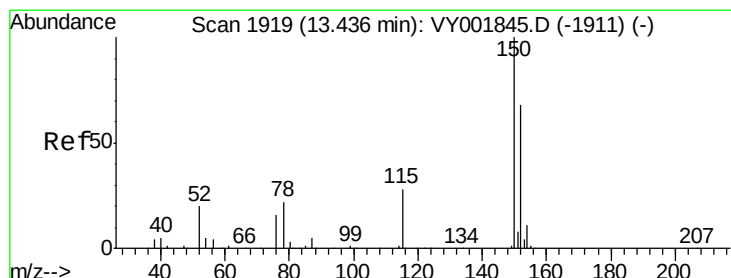
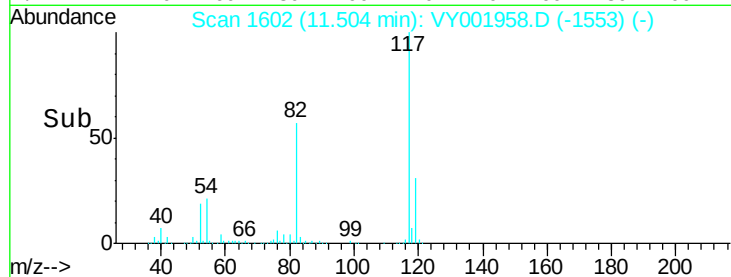
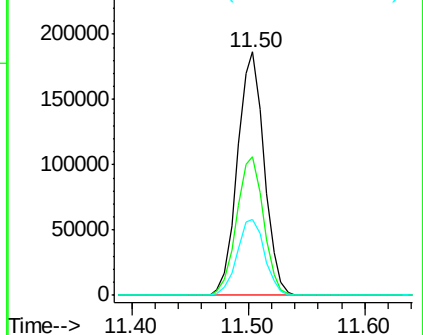
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001958.D
Acq: 12 Mar 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
TP-9(3-4)

Tot Ion:117 Resp: 297991
Ion Ratio Lower Upper
117 100
82 56.7 44.5 66.7
119 31.0 25.7 38.5

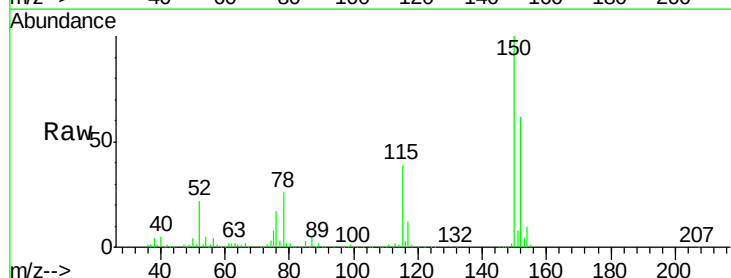


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001958.D
Acq: 12 Mar 2020 14:14

Tgt Ion:152 Resp: 133229
Ion Ratio Lower Upper
152 100
115 62.7 29.9 89.7
150 160.2 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

