

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002009.D
 Acq On : 18 Mar 2020 16:42
 Operator : SY/MD
 Sample : L1965-01
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 80564952

Quant Time: Mar 19 03:45:12 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	139513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	267627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	241505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	98432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85632	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	
35) Dibromofluoromethane	7.74	113	79242	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	10.19	98	323807	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.49	95	105800	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

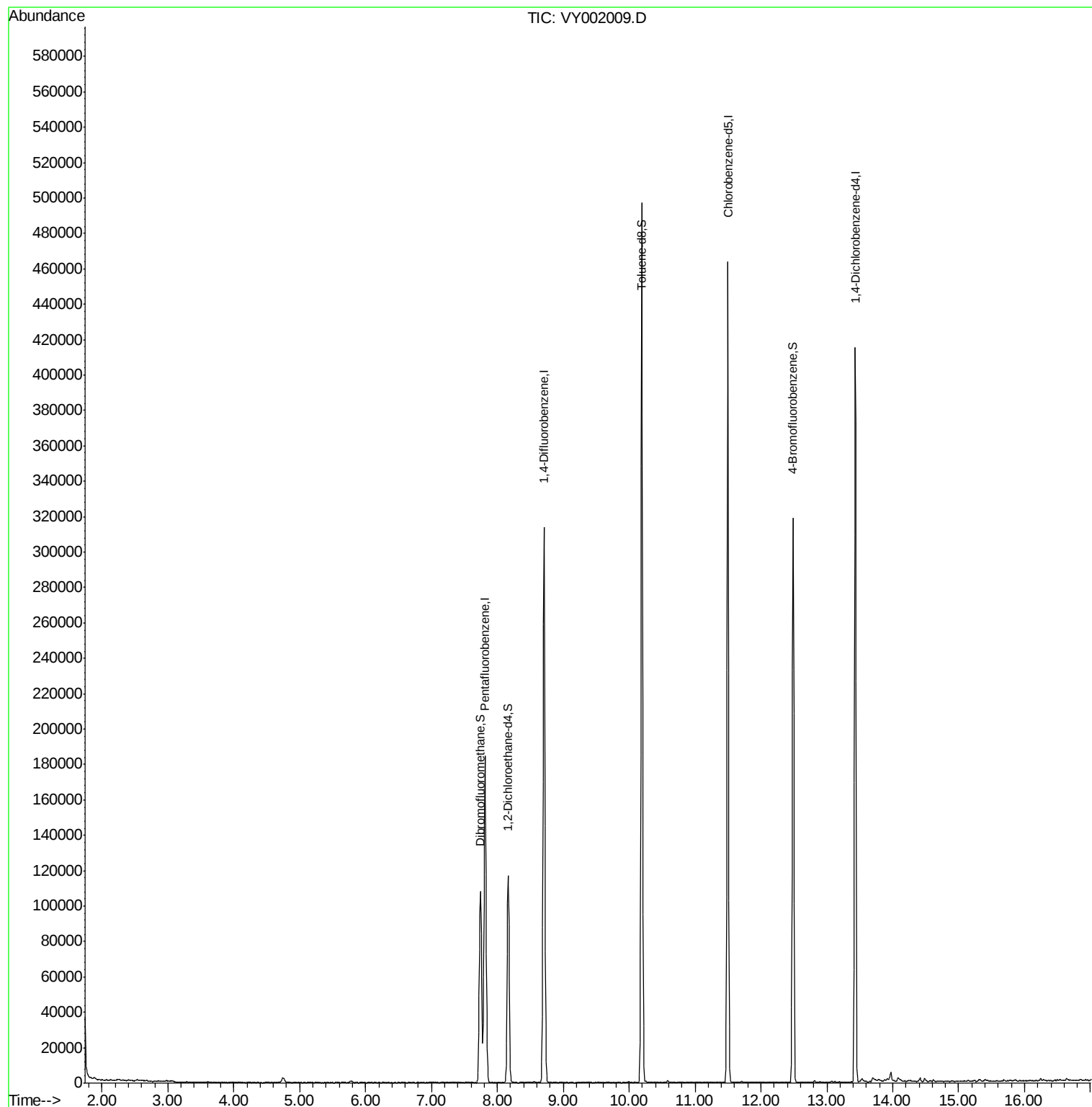
Target Compounds	Qvalue

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

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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: VY002009.D

Acq: 18 Mar 2020 16:42

Instrument :

MSVOA_Y

ClientSampleId :

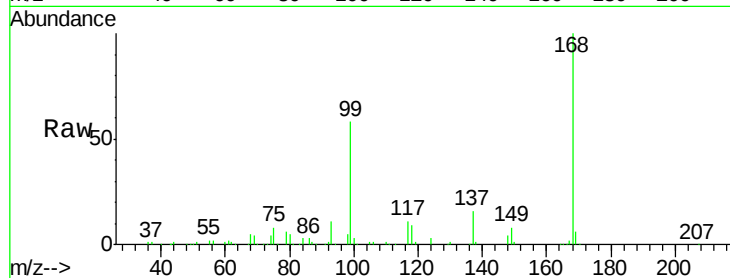
80564952

Tot Ion:168 Resp: 139513

Ion Ratio Lower Upper

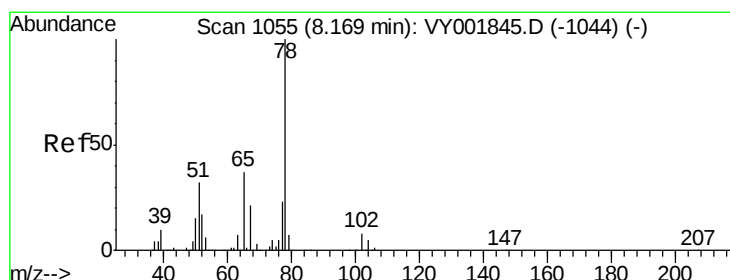
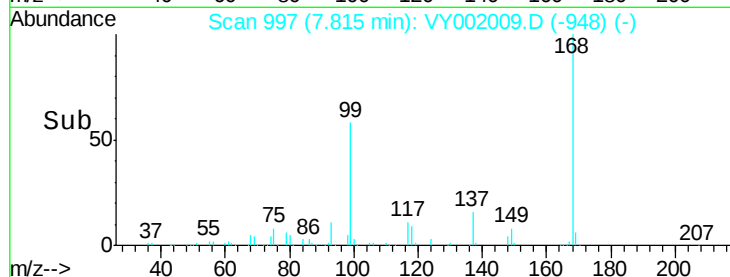
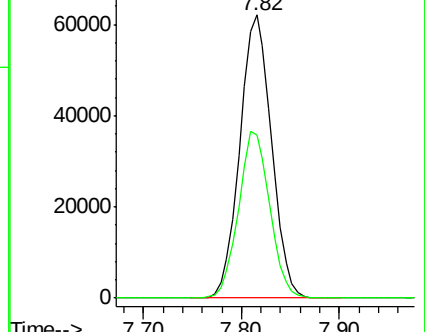
168 100

99 57.5 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: 57.495 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002009.D

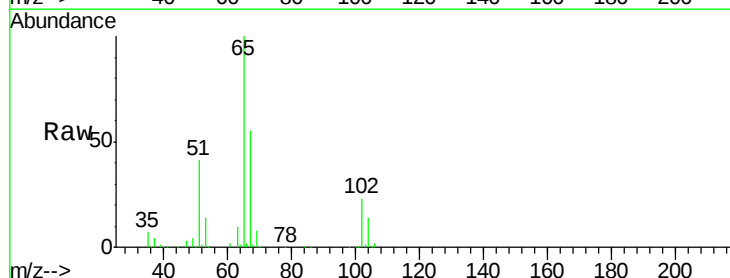
Acq: 18 Mar 2020 16:42

Tgt Ion: 65 Resp: 85632

Ion Ratio Lower Upper

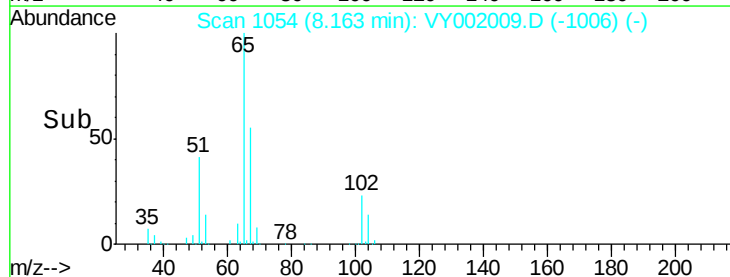
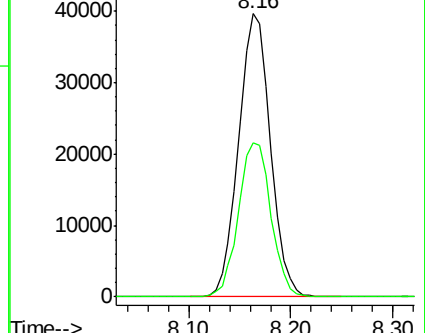
65 100

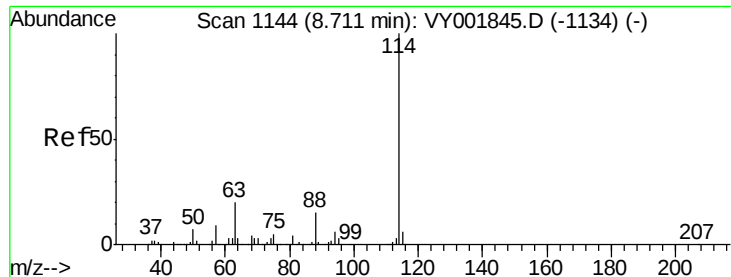
67 55.9 0.0 110.8



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

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

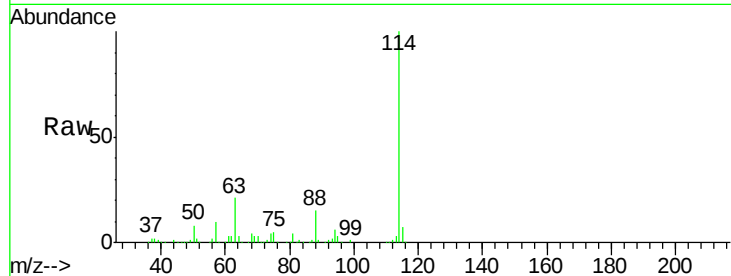




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY002009.D
Acq: 18 Mar 2020 16:42

Instrument :
MSVOA_Y
ClientSampleId :
80564952

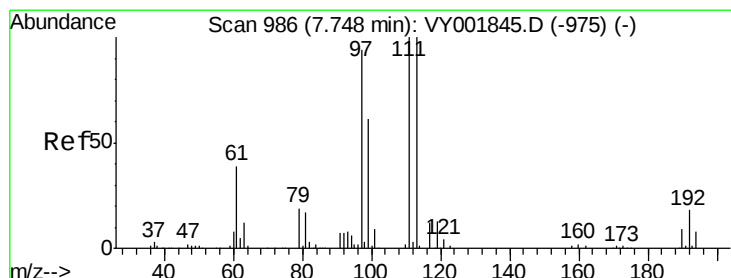
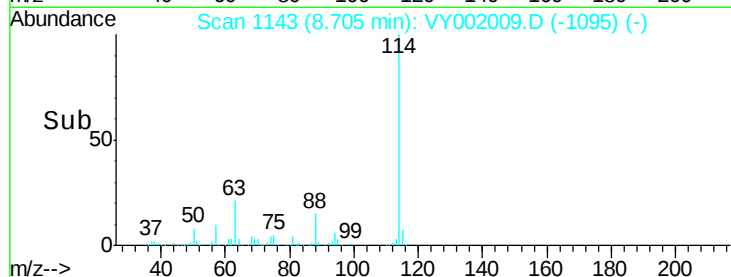
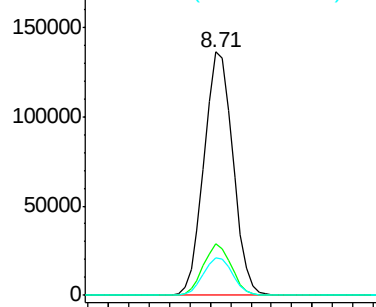
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.4
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

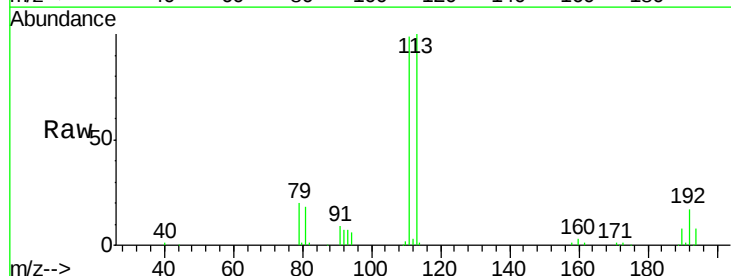
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
Dibromofluoromethane
Concen: 54.225 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY002009.D
Acq: 18 Mar 2020 16:42

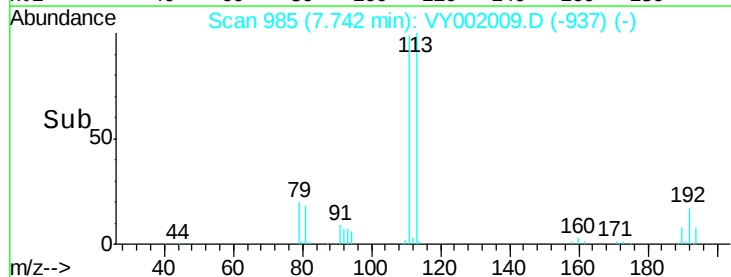
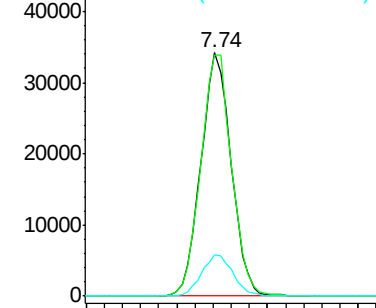
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	17.6	14.2	21.2

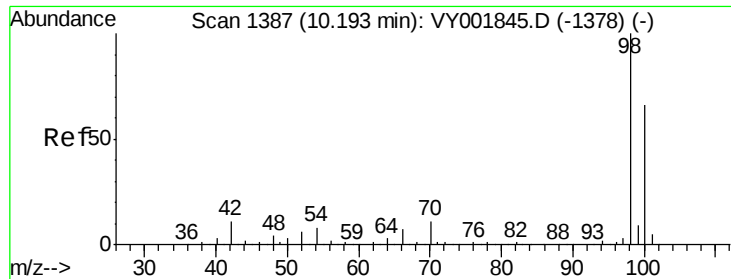


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.546 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002009.D

Acq: 18 Mar 2020 16:42

Instrument :

MSVOA_Y

ClientSampleId :

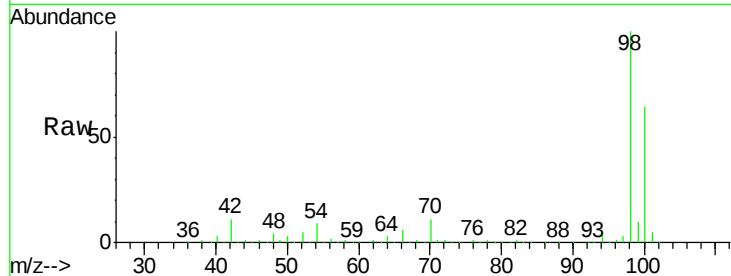
80564952

Tot Ion: 98 Resp: 323807

Ion Ratio Lower Upper

98 100

100 65.5 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

200000

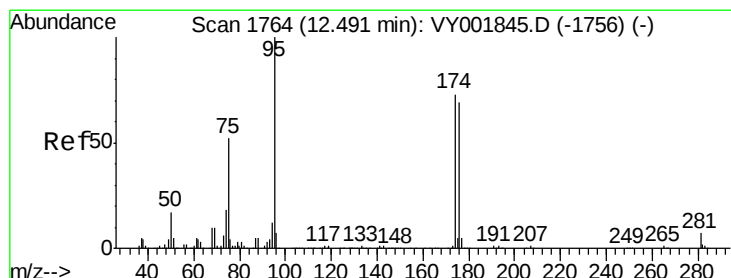
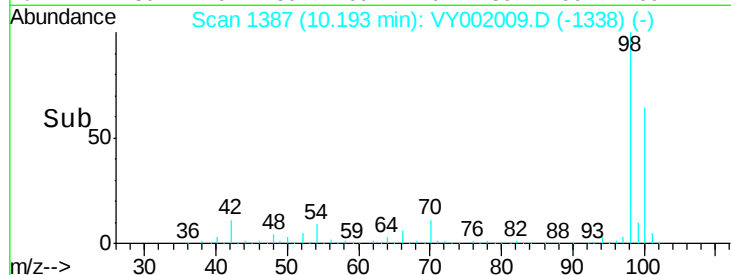
150000

100000

50000

0

Time--> 10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 49.377 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002009.D

Acq: 18 Mar 2020 16:42

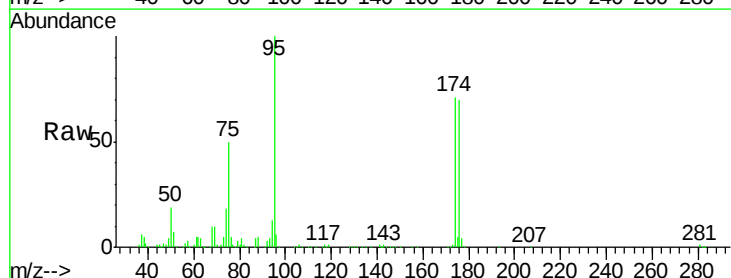
Tgt Ion: 95 Resp: 105800

Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.0

176 71.3 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

80000

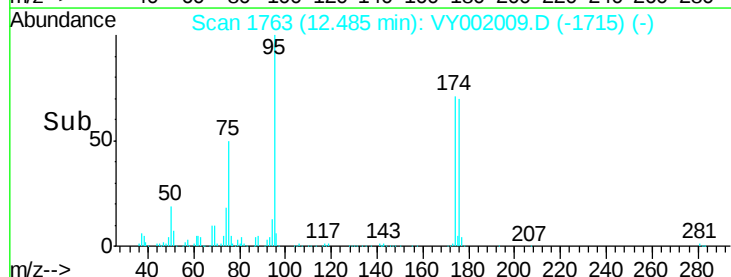
60000

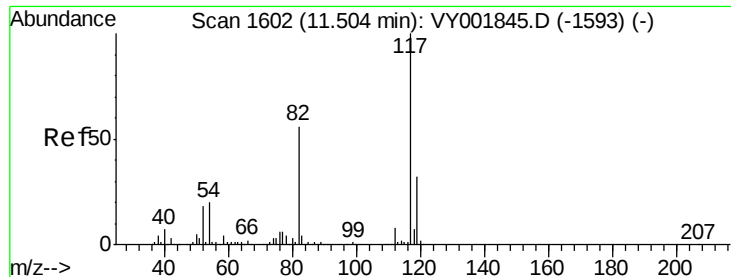
40000

20000

0

Time--> 12.40 12.45 12.50 12.55





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY002009.D

Acq: 18 Mar 2020 16:42

Instrument :

MSVOA_Y

ClientSampleId :

80564952

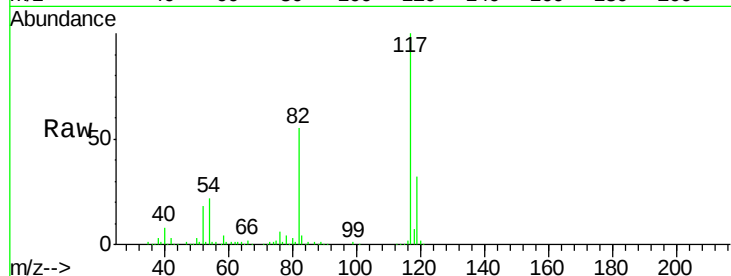
Tot Ion:117 Resp: 241505

Ion Ratio Lower Upper

117 100

82 54.6 44.5 66.7

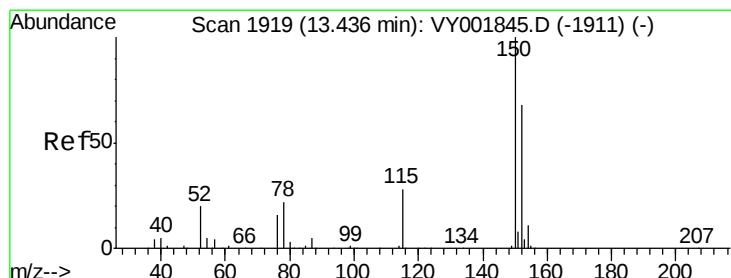
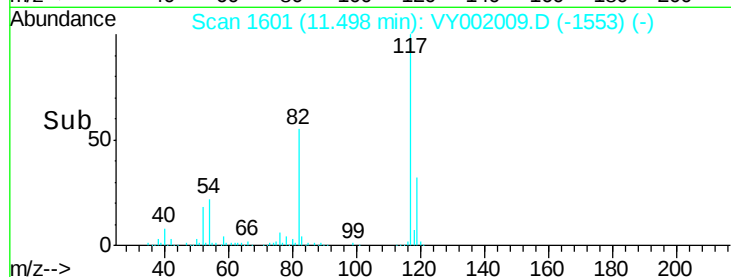
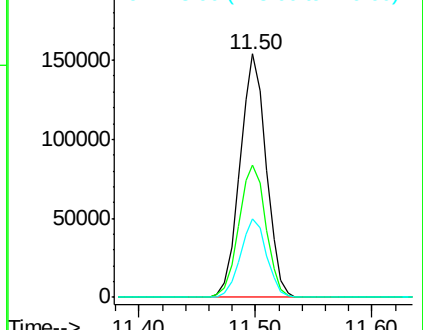
119 32.2 25.7 38.5



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: VY002009.D

Acq: 18 Mar 2020 16:42

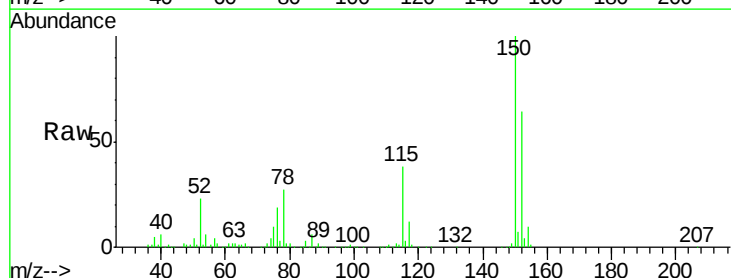
Tgt Ion:152 Resp: 98432

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

150 159.0 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

