

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000763.D
 Acq On : 21 Nov 2019 13:15
 Operator : SY/MD
 Sample : VY1121SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBL01

Quant Time: Nov 22 03:39:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	325102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229571	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	185600	55.17	ug/l	0.00
Spiked Amount						
			Recovery	=	110.34%	
35) Dibromofluoromethane	7.72	113	168000	48.64	ug/l	0.00
Spiked Amount						
			Recovery	=	97.28%	
50) Toluene-d8	10.18	98	696876	53.17	ug/l	0.00
Spiked Amount						
			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.48	95	234080	46.91	ug/l	0.00
Spiked Amount						
			Recovery	=	93.82%	

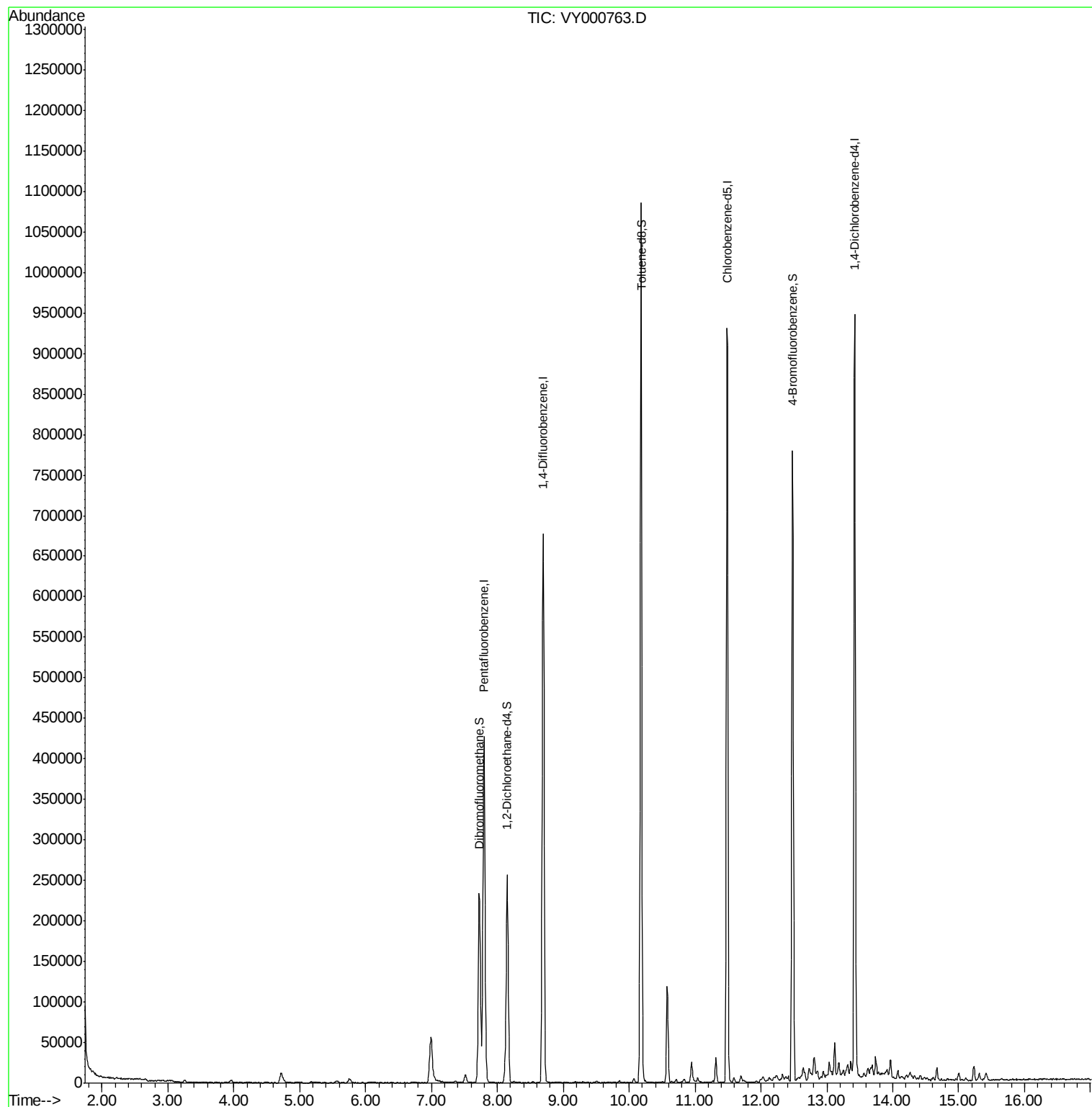
Target Compounds	Qvalue

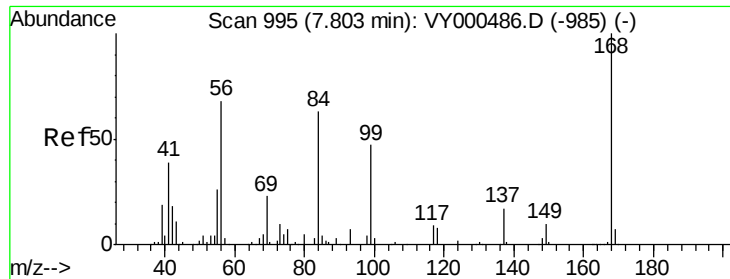
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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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: VY000763.D

Acq: 21 Nov 2019 13:15

Instrument :

MSVOA_Y

ClientSampleId :

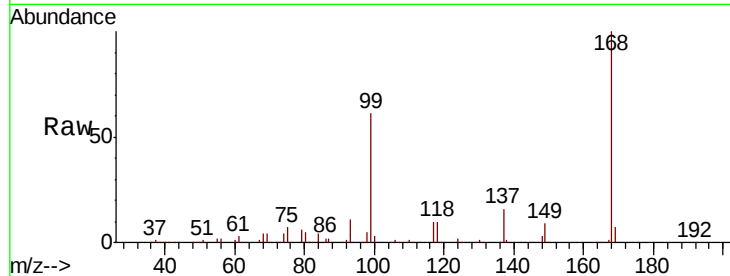
VY1121SBL01

Tot Ion:168 Resp: 325102

Ion Ratio Lower Upper

168 100

99 60.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

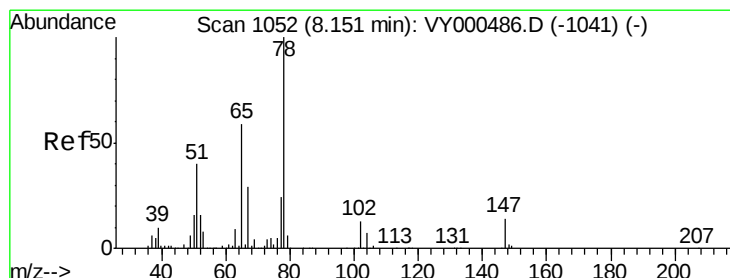
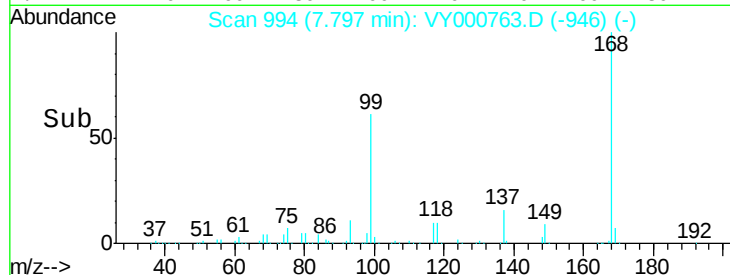
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.166 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000763.D

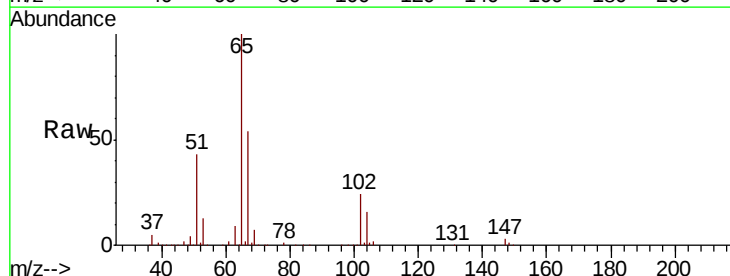
Acq: 21 Nov 2019 13:15

Tgt Ion: 65 Resp: 185600

Ion Ratio Lower Upper

65 100

67 55.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

100000

80000

60000

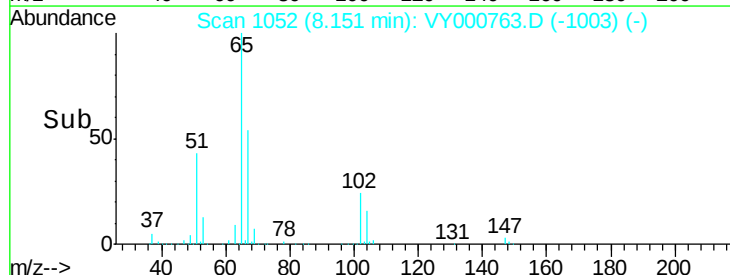
40000

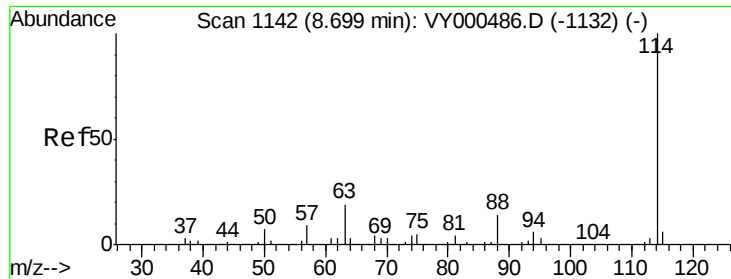
20000

0

8.10 8.20 8.30

Time-->

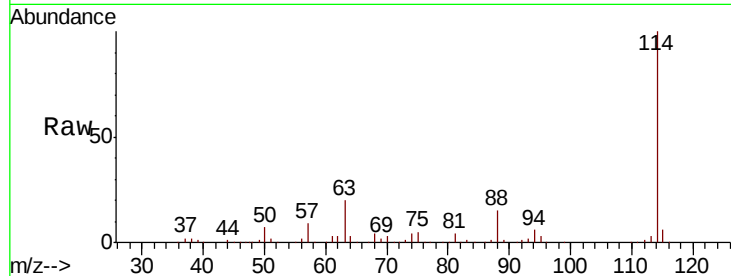




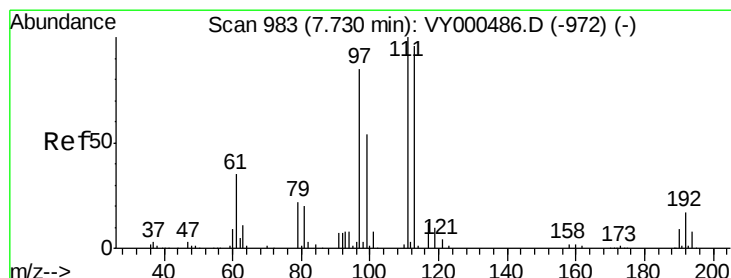
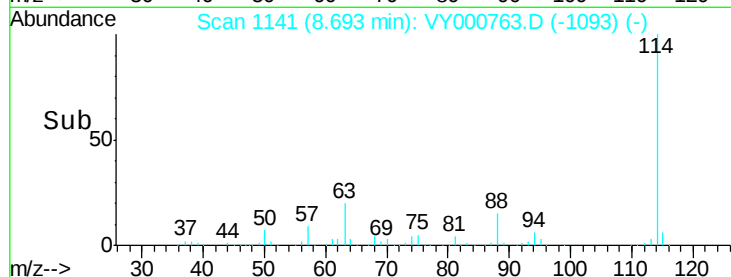
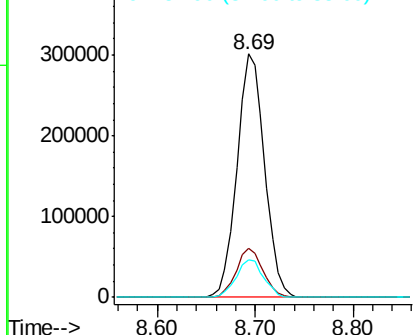
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000763.D
 Acq: 21 Nov 2019 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBL01

Tot Ion:114 Resp: 588374
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.4 0.0 28.6

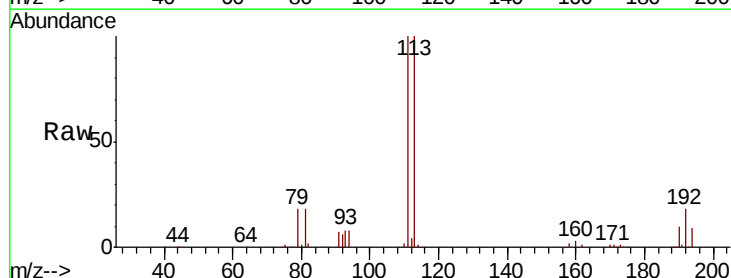


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

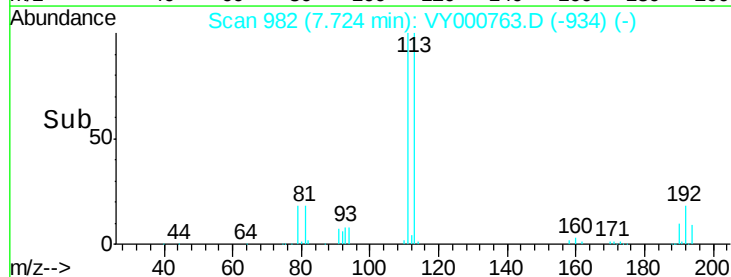
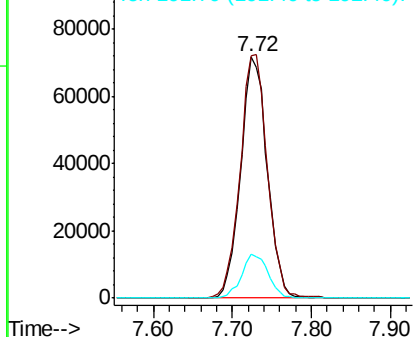


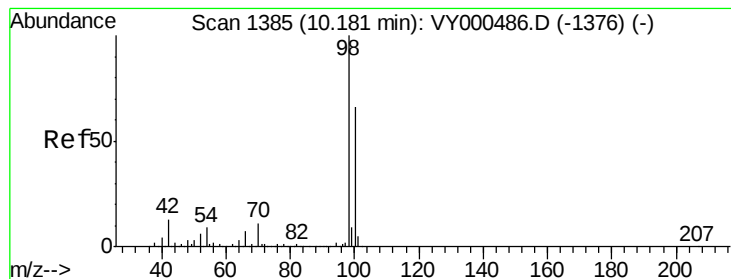
#35
 Dibromofluoromethane
 Concen: 48.637 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000763.D
 Acq: 21 Nov 2019 13:15

Tgt Ion:113 Resp: 168000
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 18.2 15.0 22.4



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: 53.170 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000763.D

Acq: 21 Nov 2019 13:15

Instrument :

MSVOA_Y

ClientSampleId :

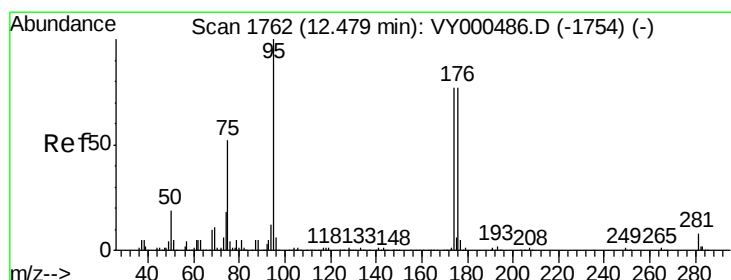
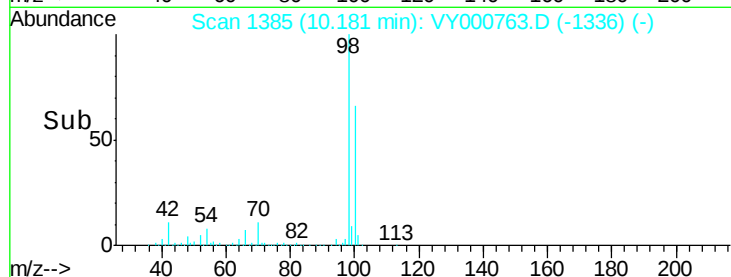
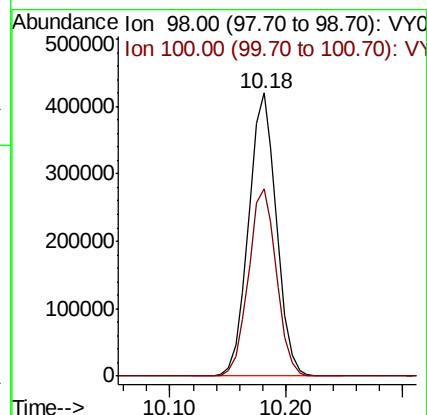
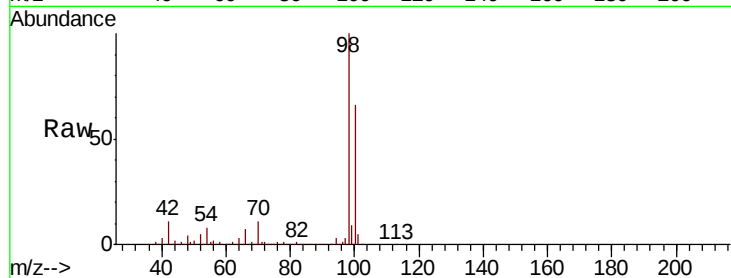
VY1121SBL01

Tot Ion: 98 Resp: 696876

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.913 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000763.D

Acq: 21 Nov 2019 13:15

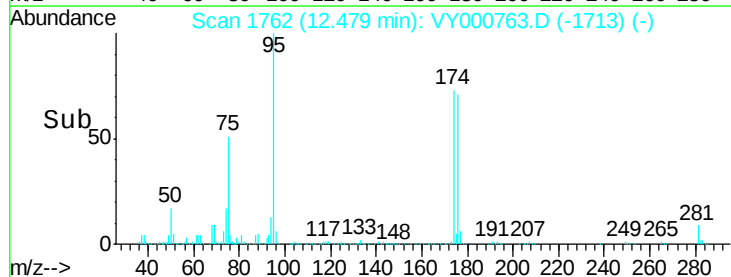
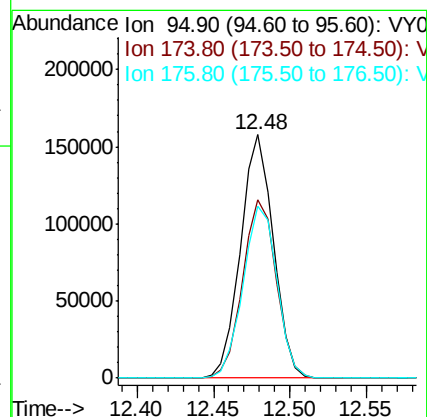
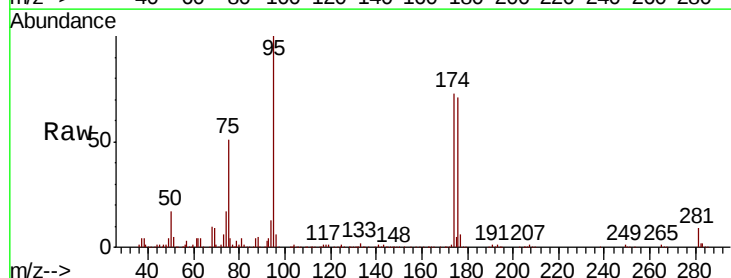
Tgt Ion: 95 Resp: 234080

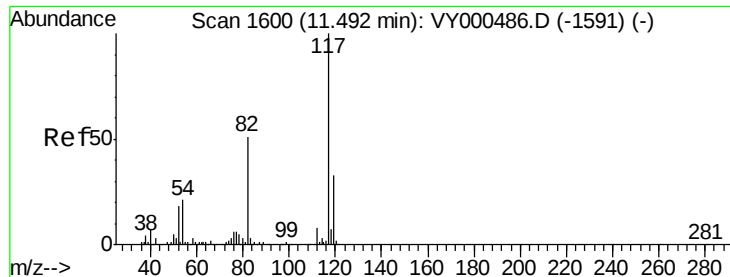
Ion Ratio Lower Upper

95 100

174 75.3 0.0 161.6

176 73.5 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000763.D

Acq: 21 Nov 2019 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBL01

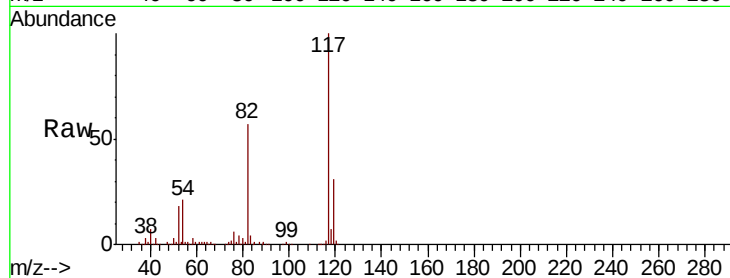
Tot Ion:117 Resp: 517994

Ion Ratio Lower Upper

117 100

82 56.5 40.8 61.2

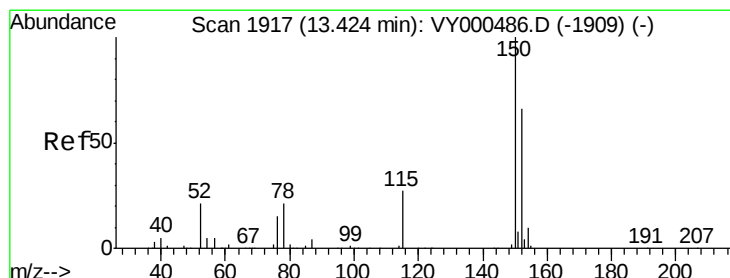
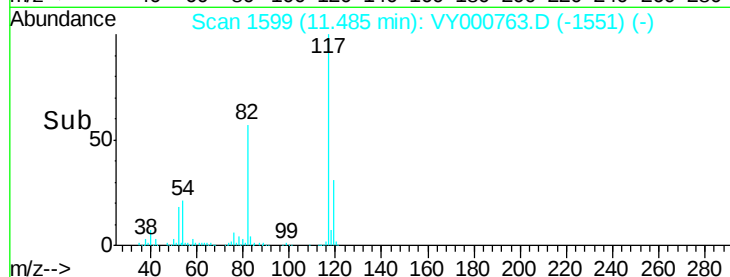
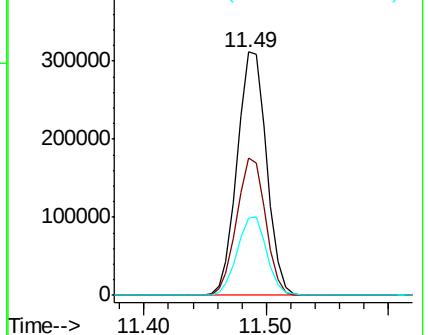
119 31.5 26.2 39.2



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. -0.00 min

Lab File: VY000763.D

Acq: 21 Nov 2019 13:15

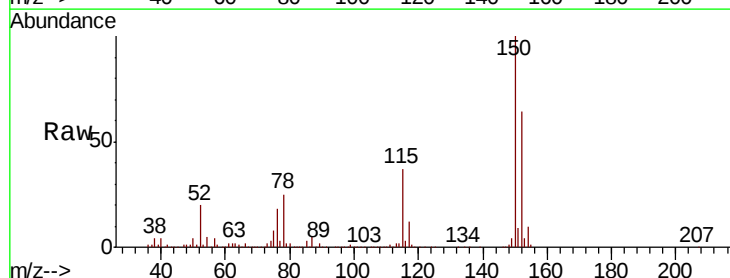
Tgt Ion:152 Resp: 229571

Ion Ratio Lower Upper

152 100

115 59.8 29.1 87.4

150 156.0 0.0 348.8



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

