

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000513.D
 Acq On : 31 Oct 2019 18:54
 Operator : SY/MD
 Sample : K5620-06RE
 Misc : 4.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 01 09:10:53 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	195803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	335027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	307006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144913	50.00	ug/l	0.00

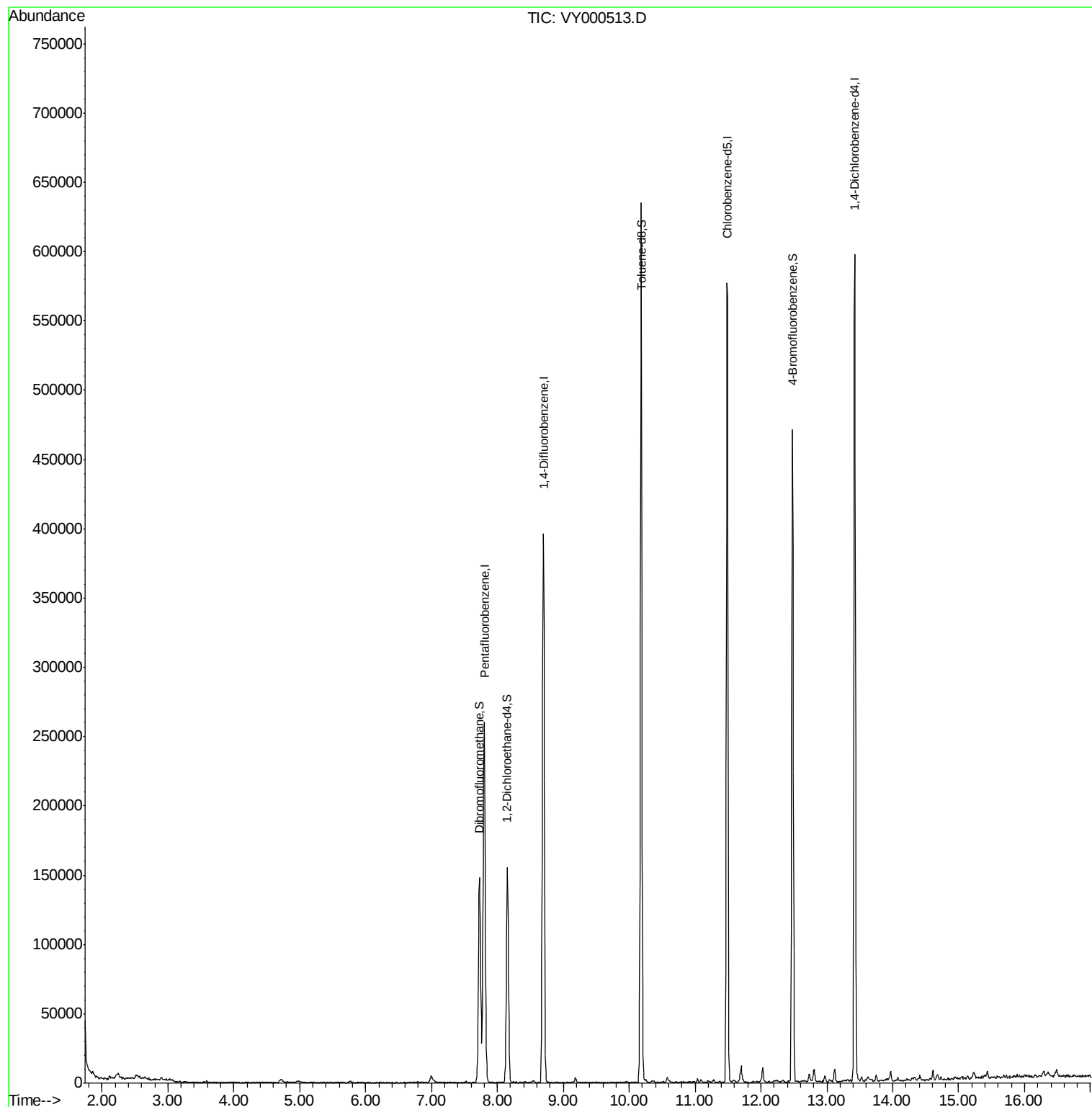
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121496	59.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.92%	
35) Dibromofluoromethane	7.73	113	99840	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.18	98	390142	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.48	95	140116	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

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. 0.00 min

Lab File: VY000513.D

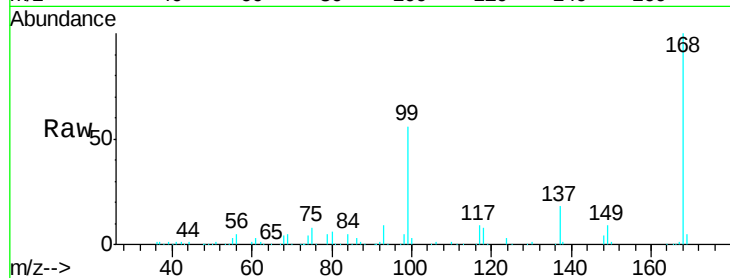
Acq: 31 Oct 2019 18:54

Tgt Ion: 168 Resp: 195803

Ion Ratio Lower Upper

168 100

99 55.9 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

80000

60000

40000

20000

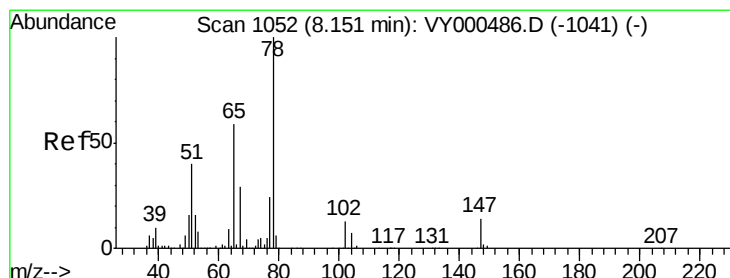
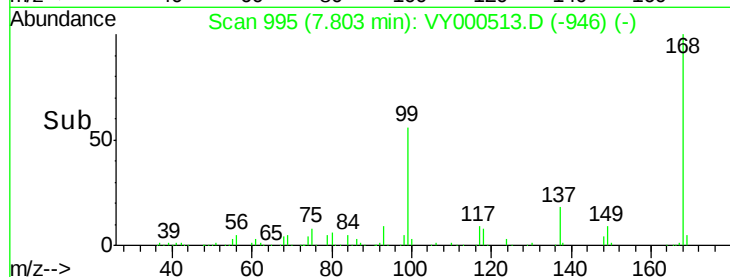
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 59.959 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000513.D

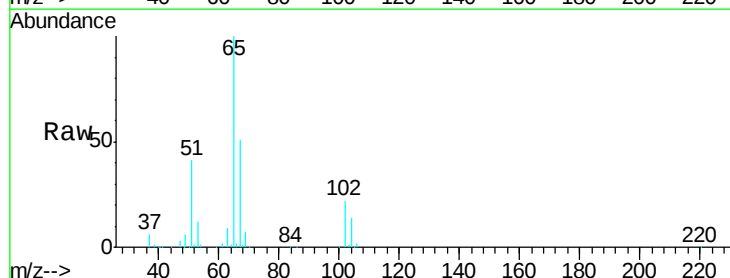
Acq: 31 Oct 2019 18:54

Tgt Ion: 65 Resp: 121496

Ion Ratio Lower Upper

65 100

67 52.0 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

60000

50000

40000

30000

20000

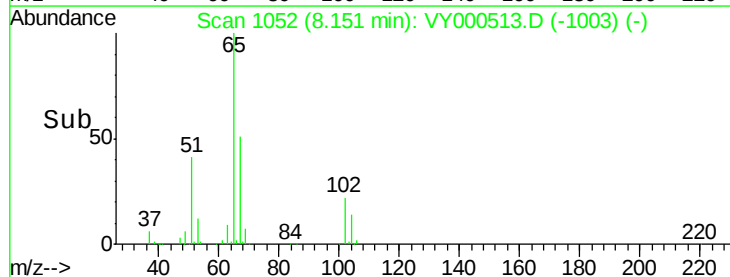
10000

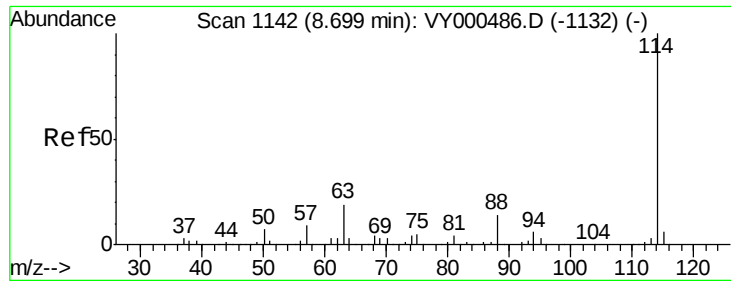
0

Time-->

8.10

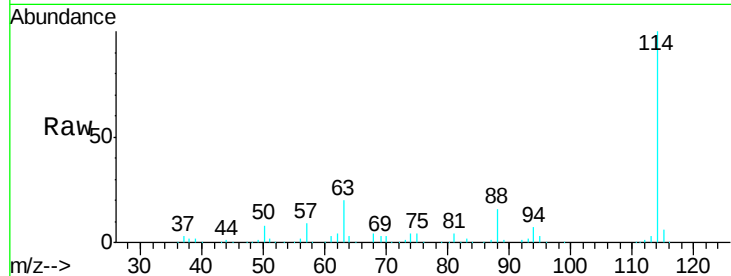
8.20



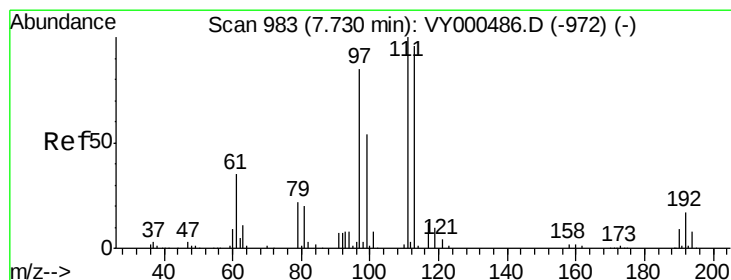
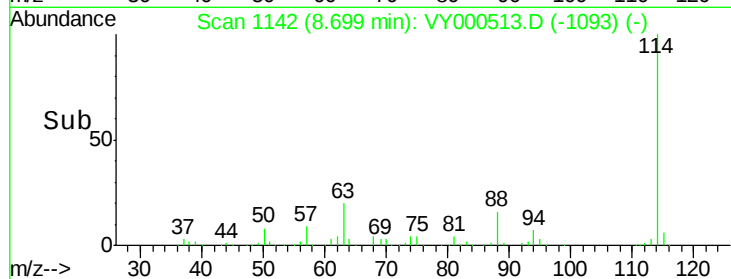
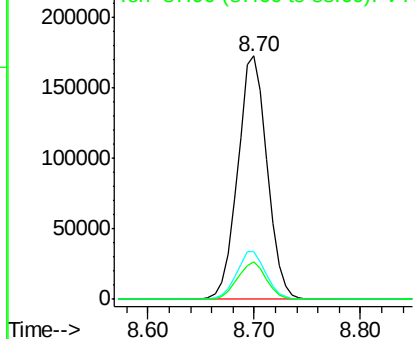


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000513.D
 Acq: 31 Oct 2019 18:54

Tgt Ion:114 Resp: 335027
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.7 0.0 28.6

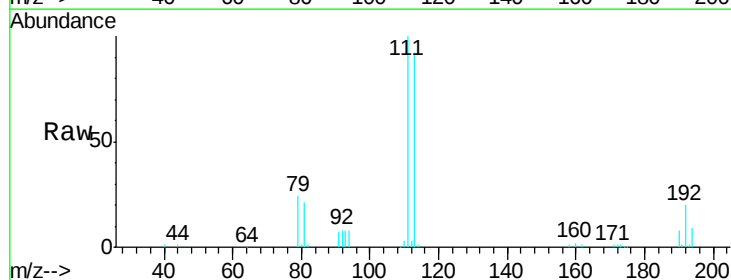


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

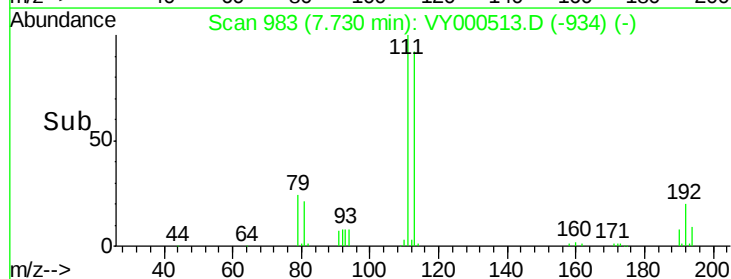
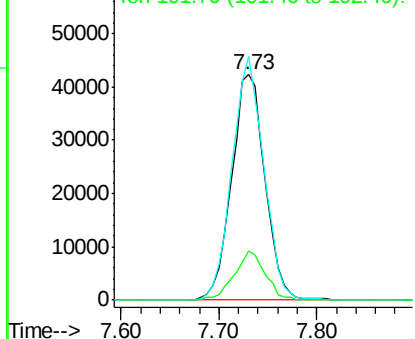


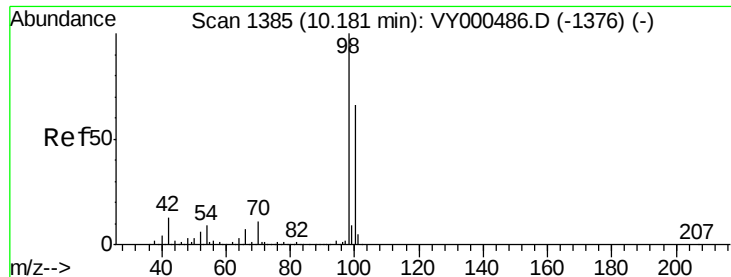
#35
 Dibromofluoromethane
 Concen: 50.762 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000513.D
 Acq: 31 Oct 2019 18:54

Tgt Ion:113 Resp: 99840
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 20.4 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: 52.276 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000513.D

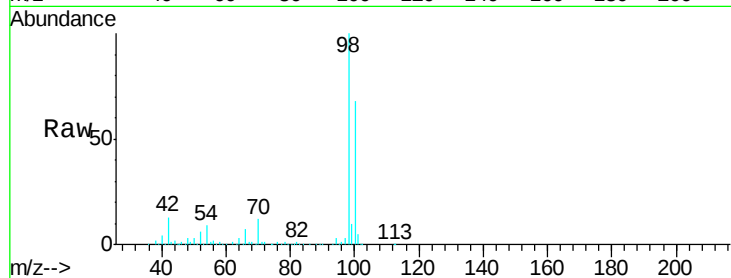
Acq: 31 Oct 2019 18:54

Tgt Ion: 98 Resp: 390142

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

50000

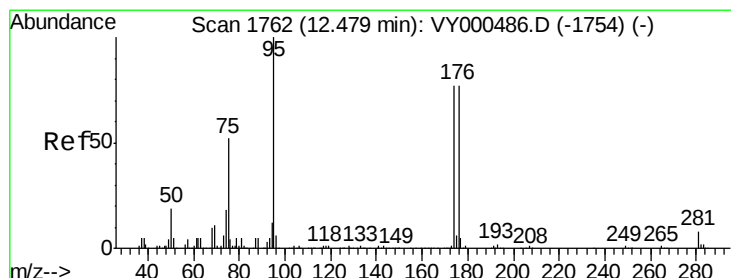
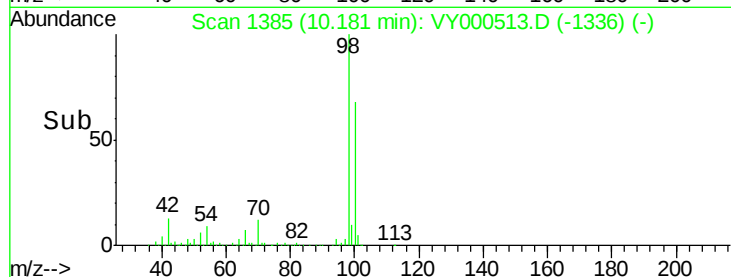
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 49.317 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000513.D

Acq: 31 Oct 2019 18:54

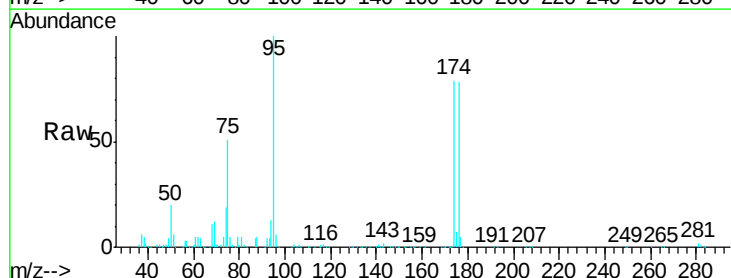
Tgt Ion: 95 Resp: 140116

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

176 78.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

0

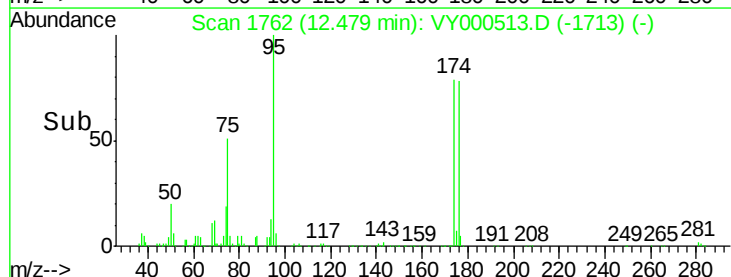
12.40

12.45

12.50

12.55

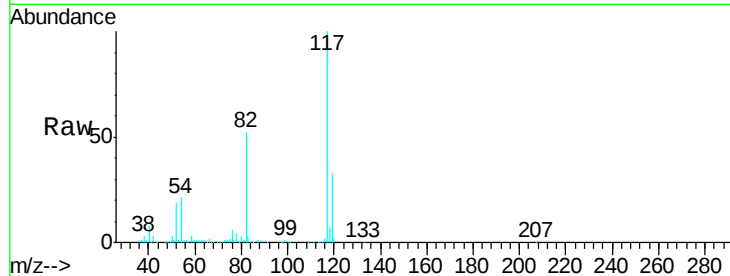
Time-->



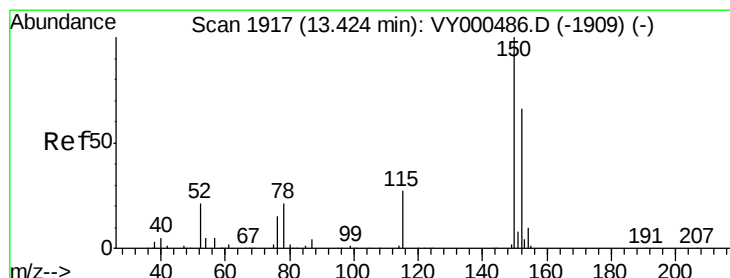
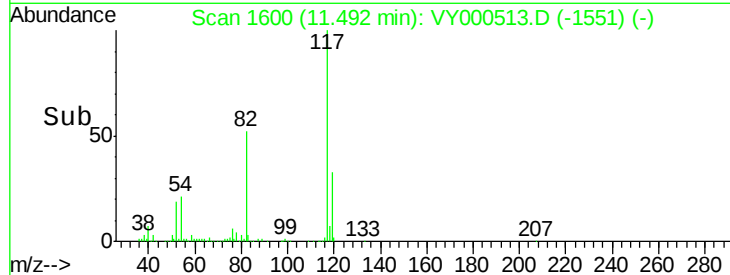
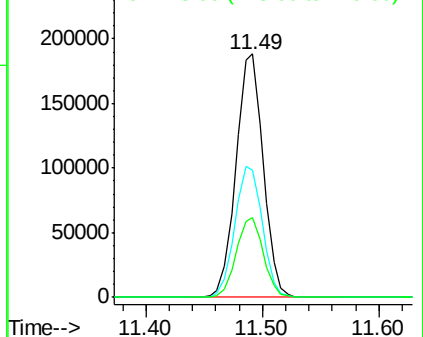


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000513.D
Acq: 31 Oct 2019 18:54

Tgt Ion:117 Resp: 307006
Ion Ratio Lower Upper
117 100
82 52.5 40.8 61.2
119 33.0 26.2 39.2

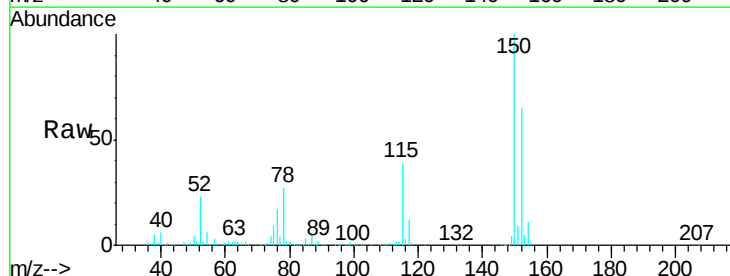


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000513.D
Acq: 31 Oct 2019 18:54

Tgt Ion:152 Resp: 144913
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 155.7 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

