

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000502.D
 Acq On : 31 Oct 2019 13:53
 Operator : SY/MD
 Sample : K5146-15
 Misc : 7.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 01 08:49:01 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	211776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	372017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	338306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154107	50.00	ug/l	0.00

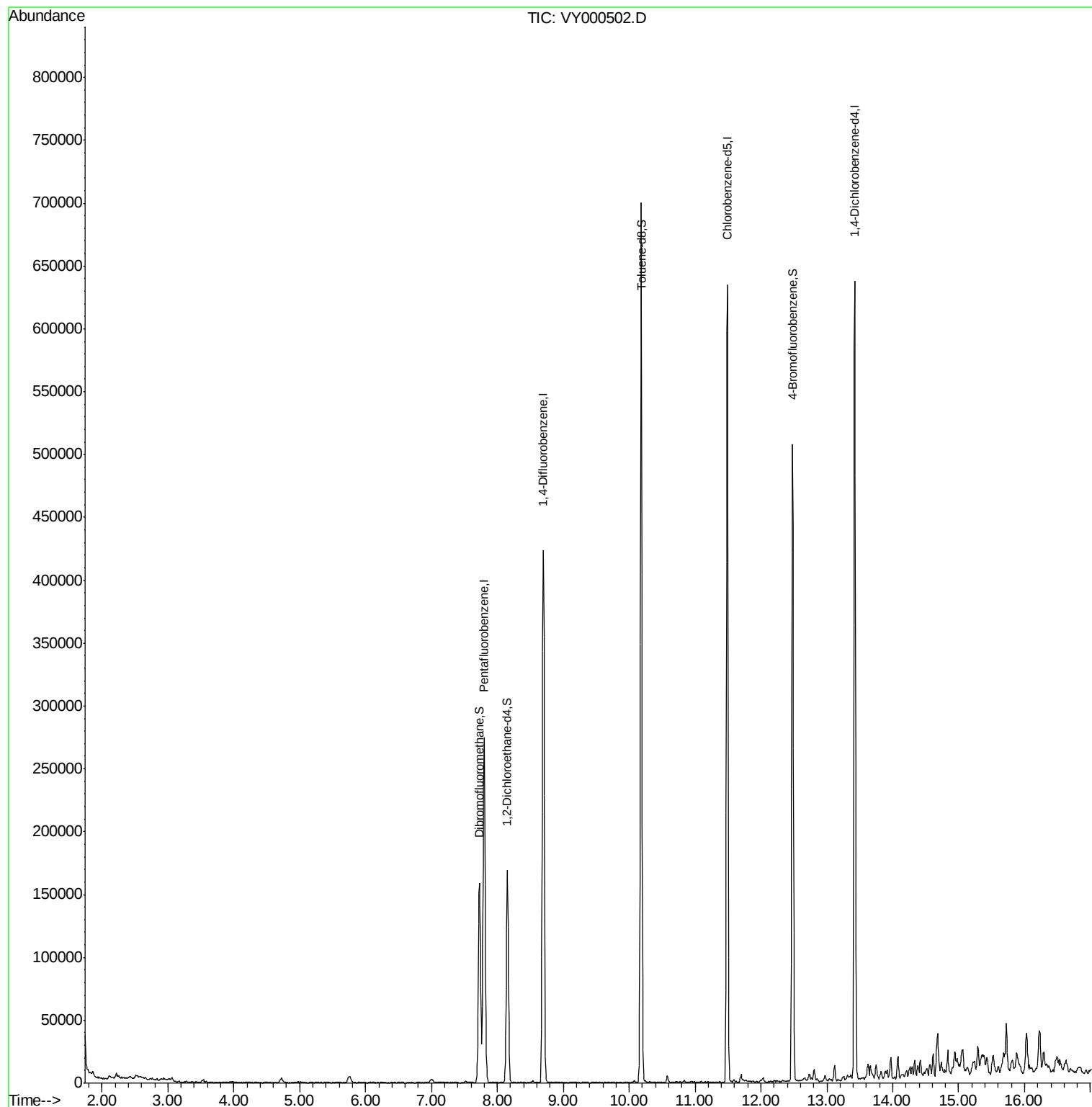
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131200	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	
35) Dibromofluoromethane	7.73	113	110085	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.18	98	434519	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.48	95	150857	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

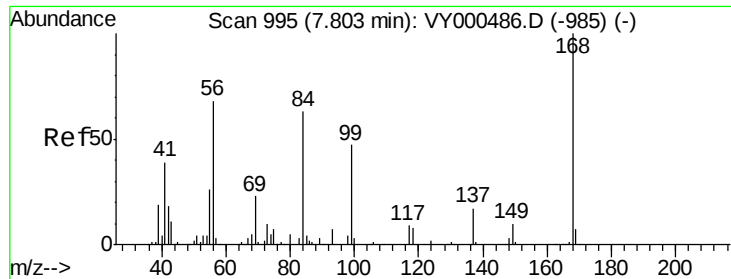
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000502.D

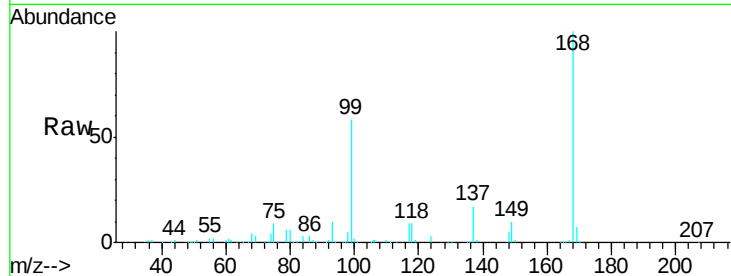
Acq: 31 Oct 2019 13:53

Tgt Ion:168 Resp: 211776

Ion Ratio Lower Upper

168 100

99 57.6 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

100000

80000

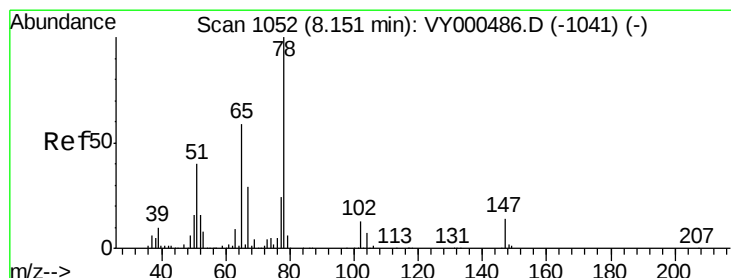
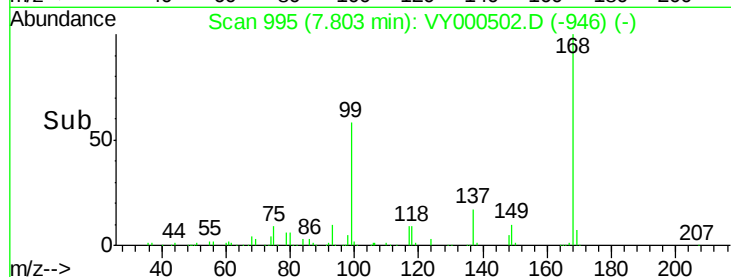
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.865 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000502.D

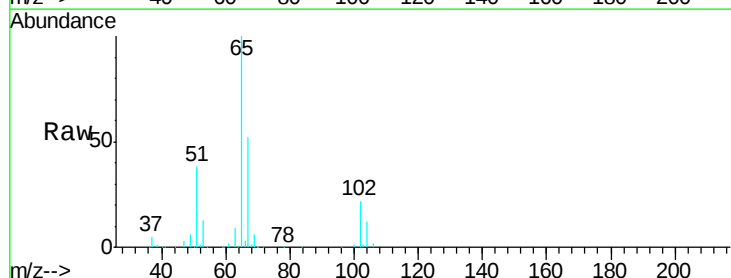
Acq: 31 Oct 2019 13:53

Tgt Ion: 65 Resp: 131200

Ion Ratio Lower Upper

65 100

67 54.2 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

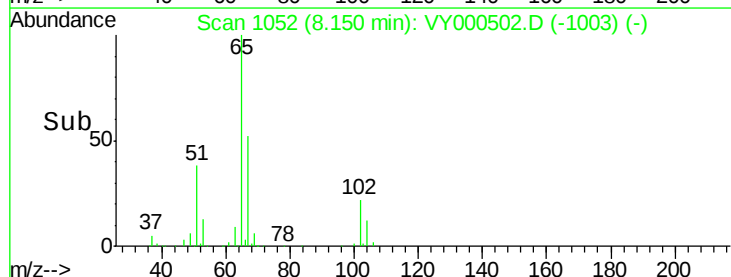
60000

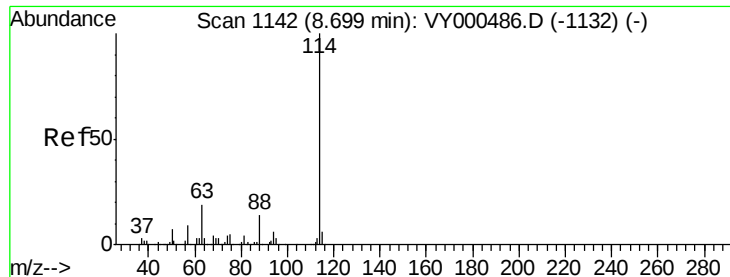
40000

20000

0

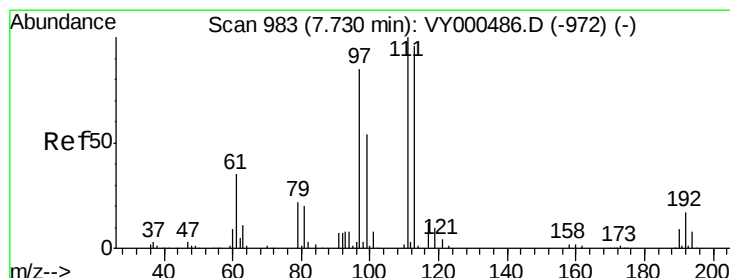
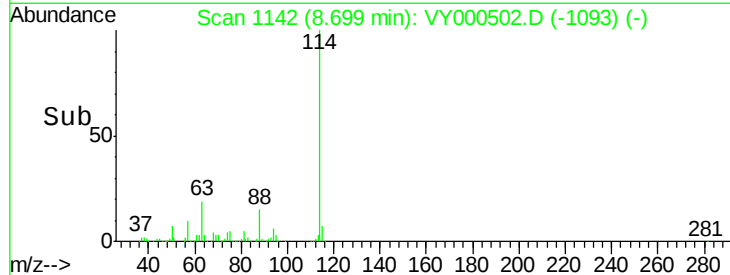
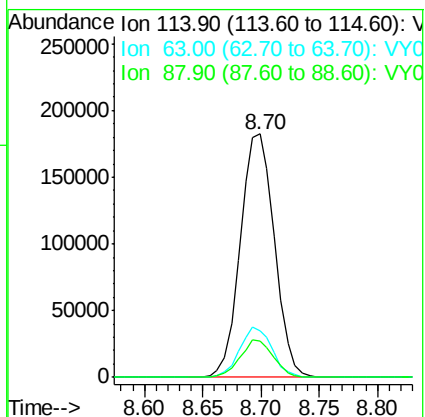
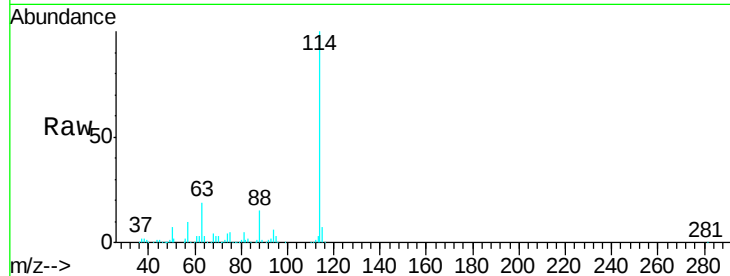
Time-->





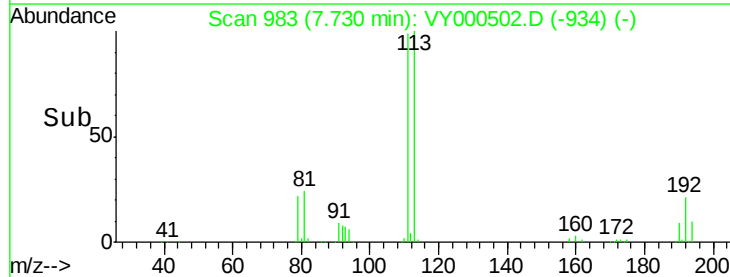
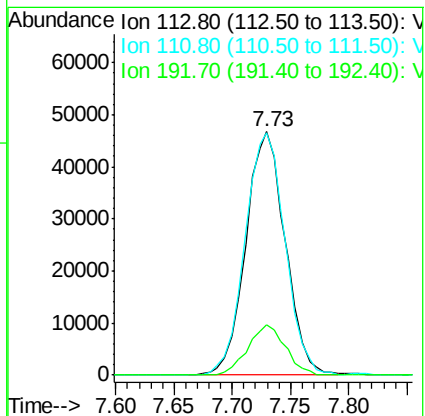
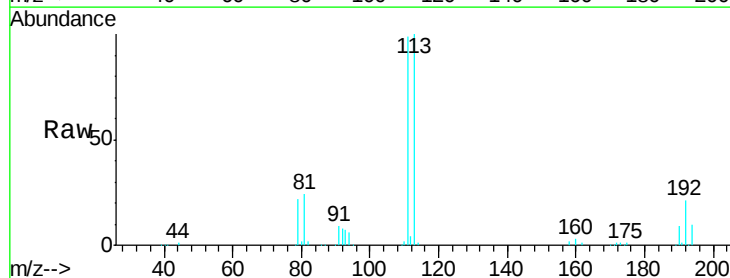
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000502.D
 Acq: 31 Oct 2019 13:53

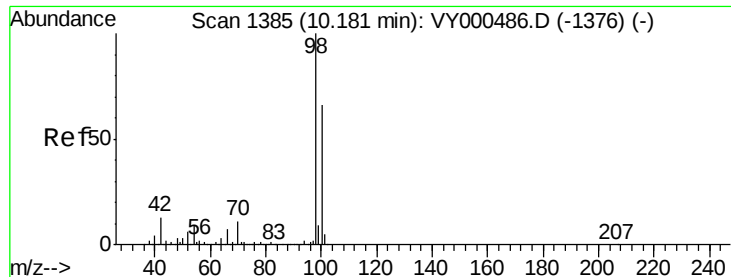
Tgt Ion:	114	Resp:	372017
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.0
88	15.1	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 50.406 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000502.D
 Acq: 31 Oct 2019 13:53

Tgt Ion:	113	Resp:	110085
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	19.8	15.0	22.4





#50

Toluene-d8

Concen: 52.434 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000502.D

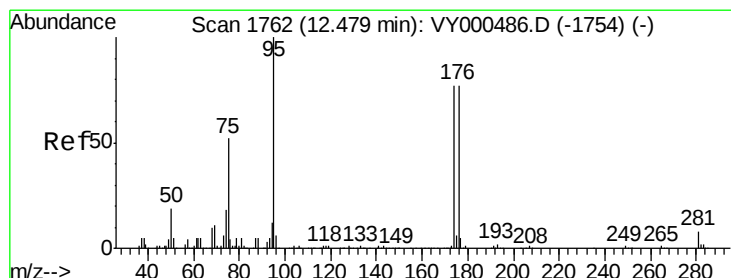
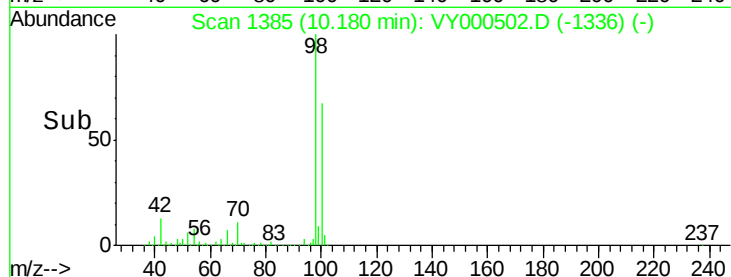
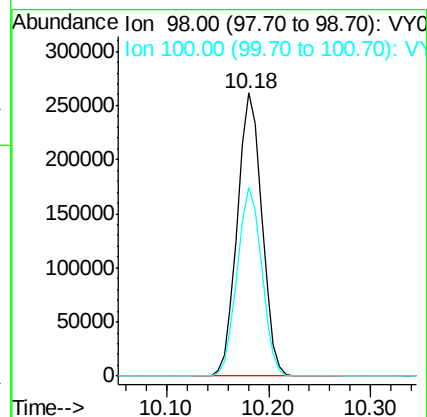
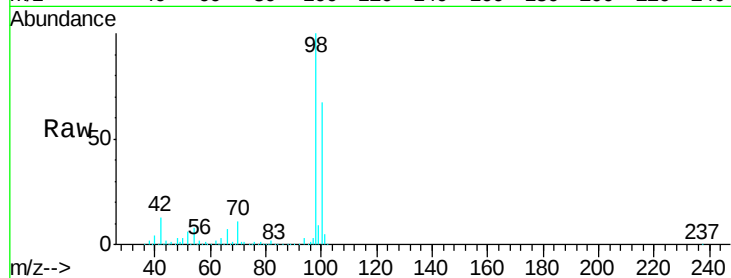
Acq: 31 Oct 2019 13:53

Tgt Ion: 98 Resp: 434519

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.818 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000502.D

Acq: 31 Oct 2019 13:53

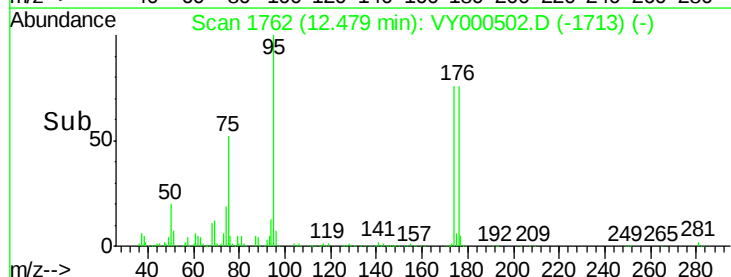
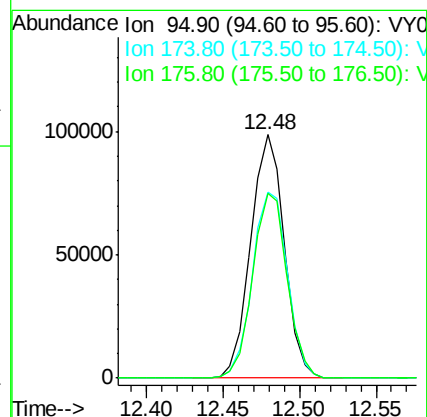
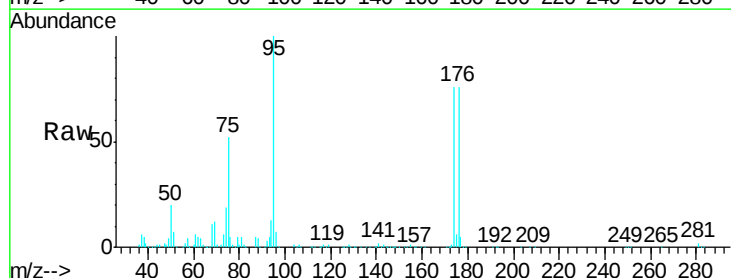
Tgt Ion: 95 Resp: 150857

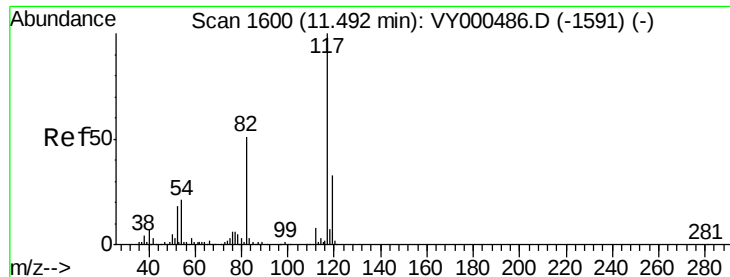
Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.6

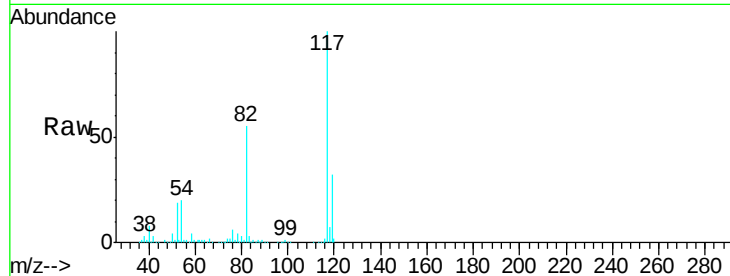
176 78.0 0.0 157.8



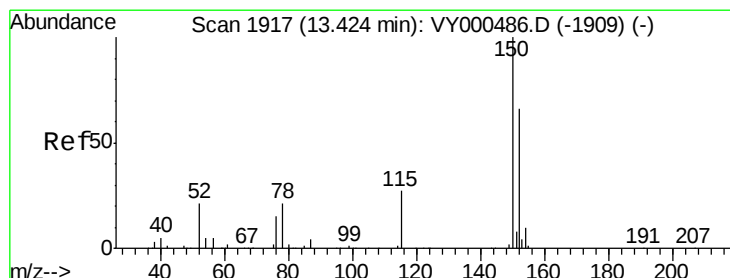
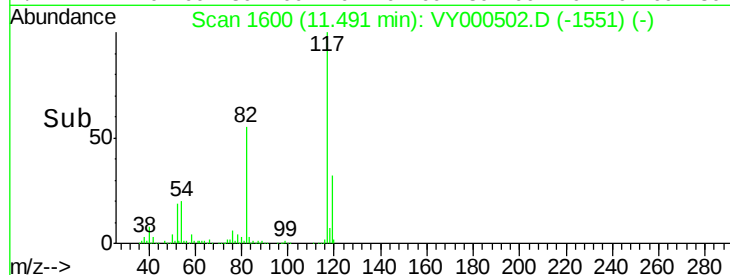
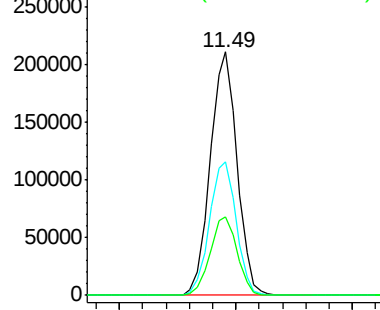


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000502.D
Acq: 31 Oct 2019 13:53

Tgt Ion:117 Resp: 338306
Ion Ratio Lower Upper
117 100
82 54.6 40.8 61.2
119 32.2 26.2 39.2

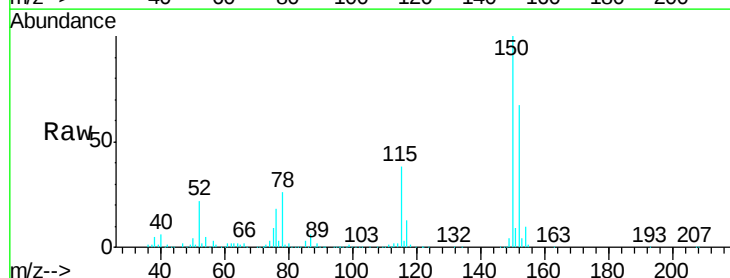


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000502.D
Acq: 31 Oct 2019 13:53

Tgt Ion:152 Resp: 154107
Ion Ratio Lower Upper
152 100
115 58.3 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

