

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000599.D
 Acq On : 31 Mar 2018 17:51
 Operator : JC/MD
 Sample : J2150-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 04 09:29:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	117655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106000	50.00	ug/l	0.00

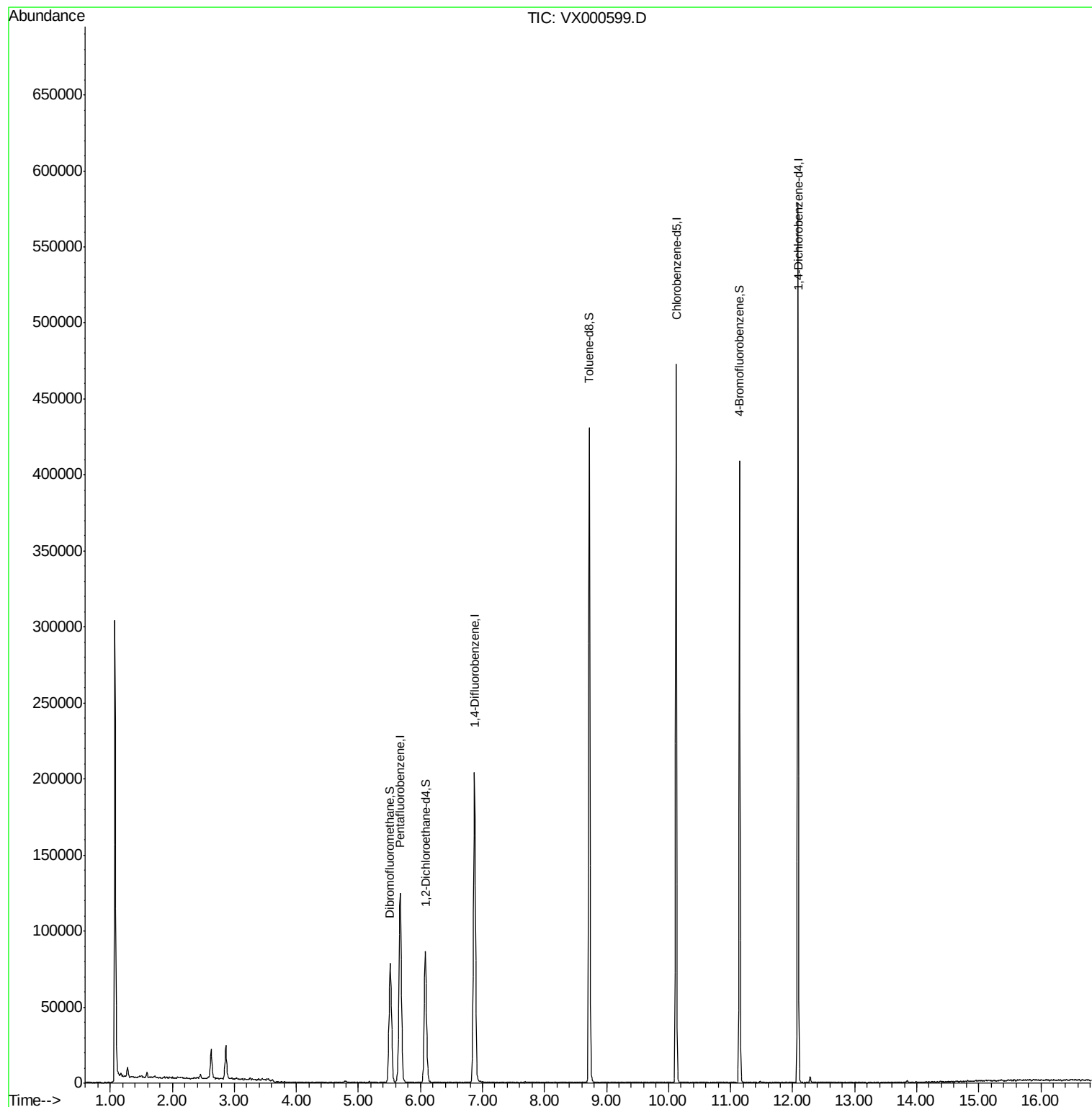
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79301	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	5.52	113	61081	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	8.72	98	250074	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.15	95	88949	42.02	ug/l	0.00
Spiked Amount			Recovery	=	84.04%	

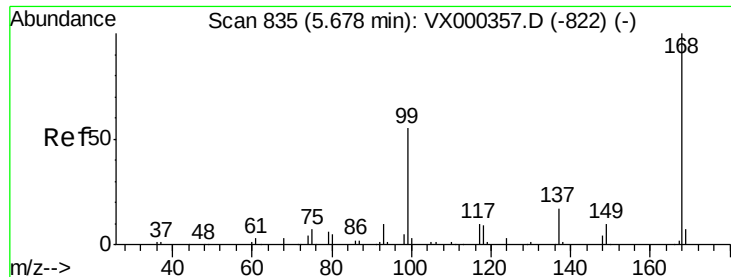
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000599.D

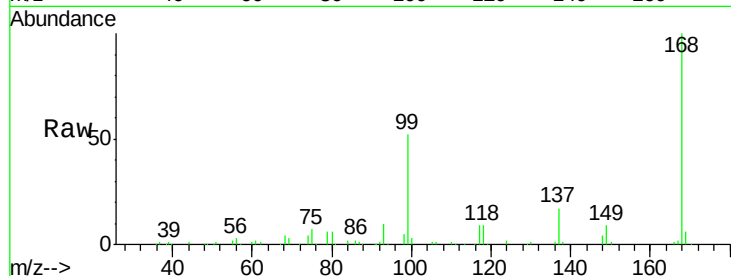
Acq: 31 Mar 2018 17:51

Tot Ion:168 Resp: 117655

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

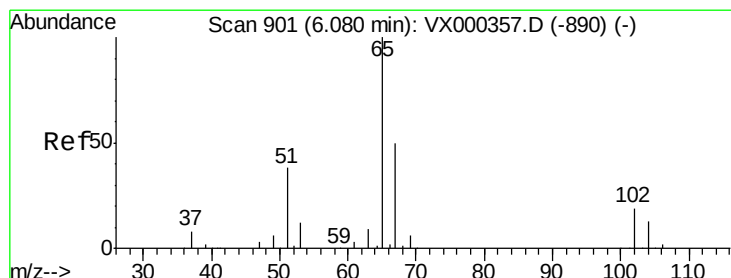
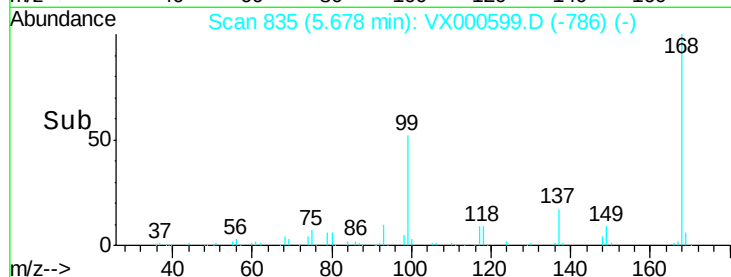
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.63 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000599.D

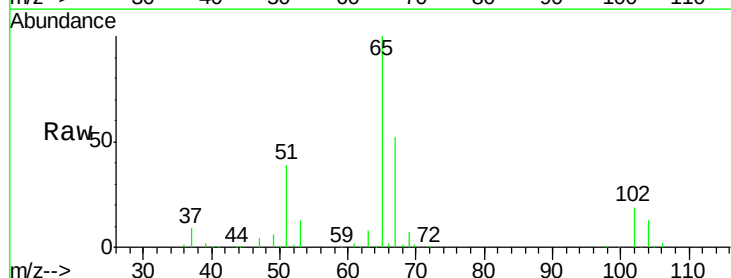
Acq: 31 Mar 2018 17:51

Tgt Ion: 65 Resp: 79301

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

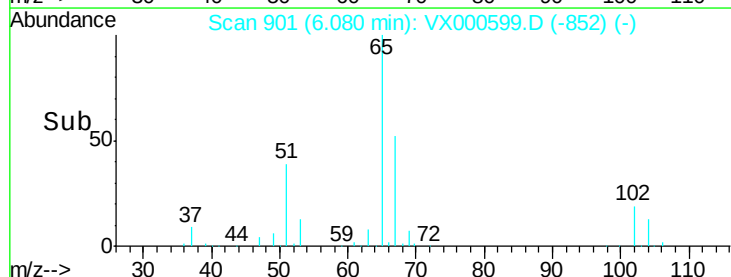
20000

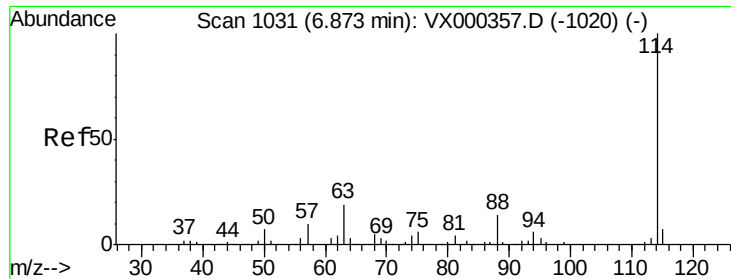
10000

0

6.00 6.10 6.20

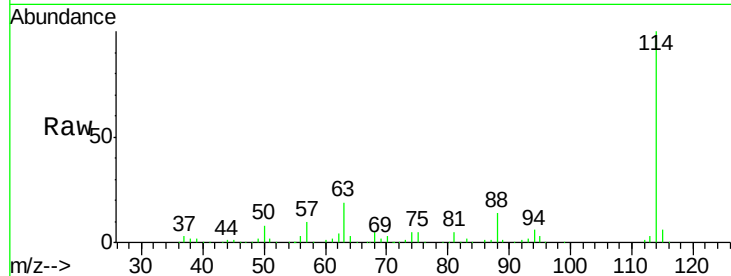
Time-->





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000599.D
Acq: 31 Mar 2018 17:51

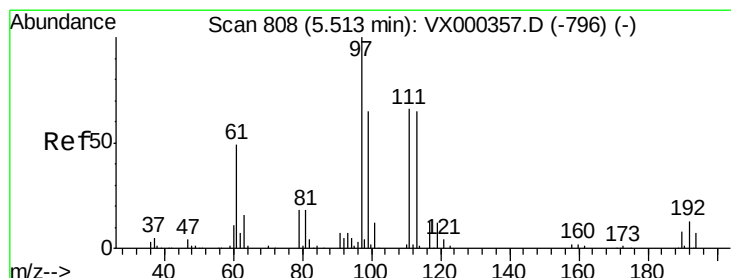
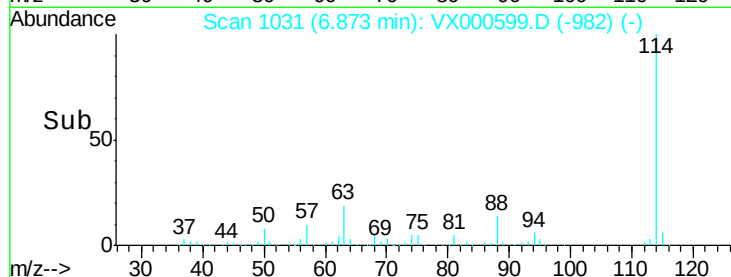
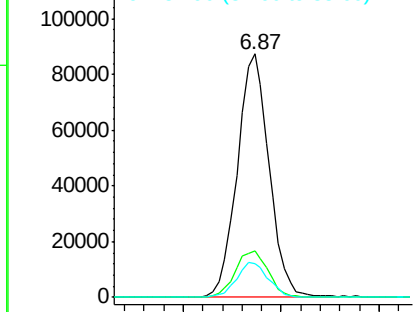
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.4
88	13.7	0.0	27.0



Abundance Ion 113.90 (113.60 to 114.60): V

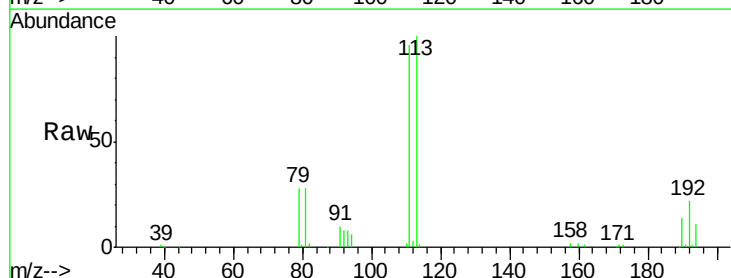
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000599.D
Acq: 31 Mar 2018 17:51

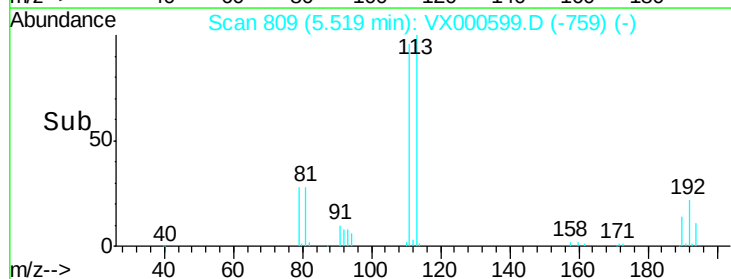
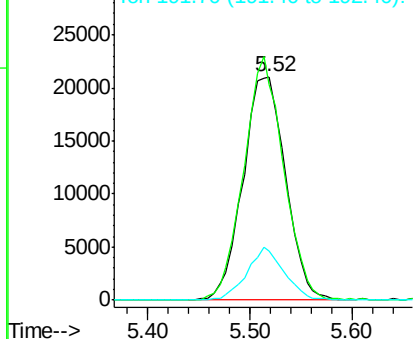
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.8	15.8	23.6

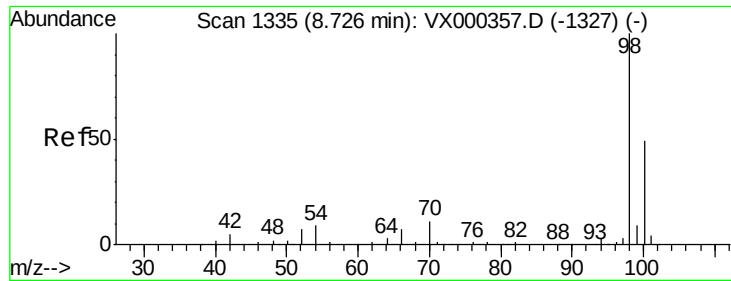


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000599.D

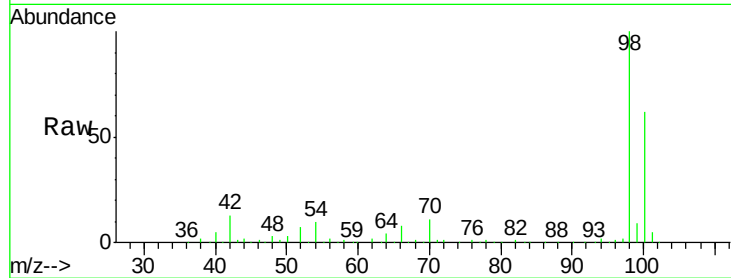
Acq: 31 Mar 2018 17:51

Tot Ion: 98 Resp: 250074

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

150000

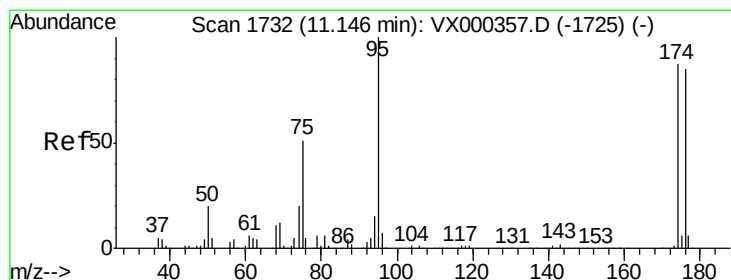
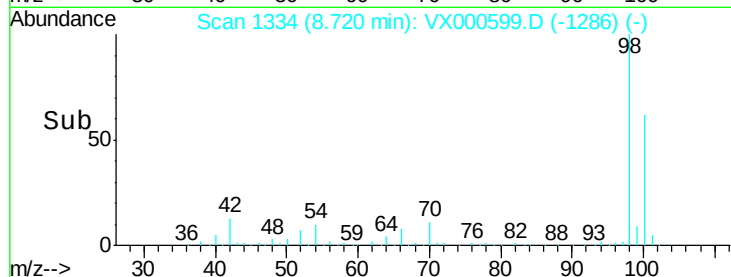
100000

50000

0

Time-->

8.65 8.70 8.75 8.80 8.85



#62

4-Bromofluorobenzene

Concen: 42.02 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000599.D

Acq: 31 Mar 2018 17:51

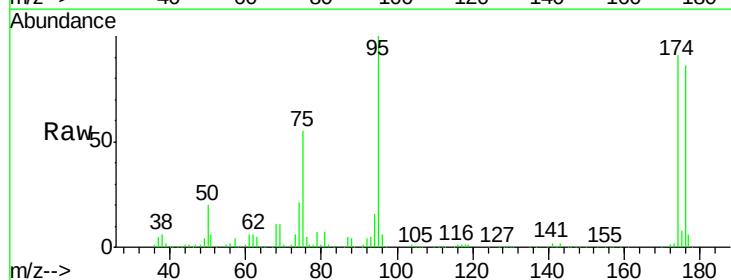
Tgt Ion: 95 Resp: 88949

Ion Ratio Lower Upper

95 100

174 89.5 0.0 173.6

176 84.8 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

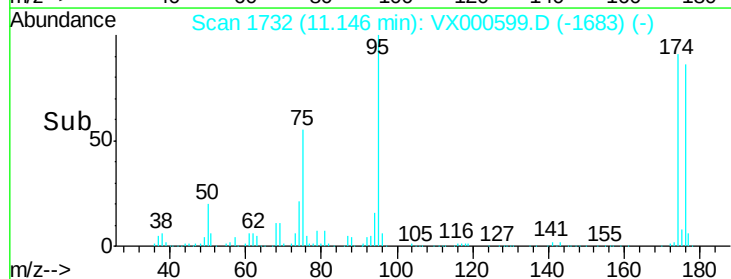
40000

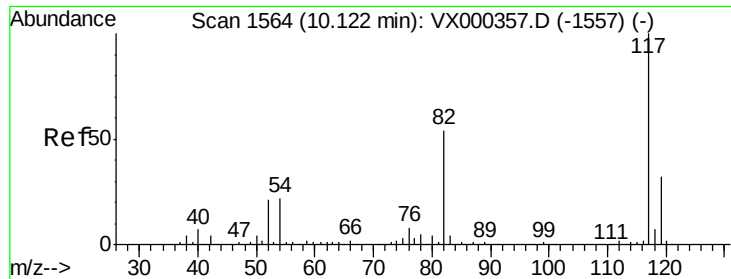
20000

0

Time-->

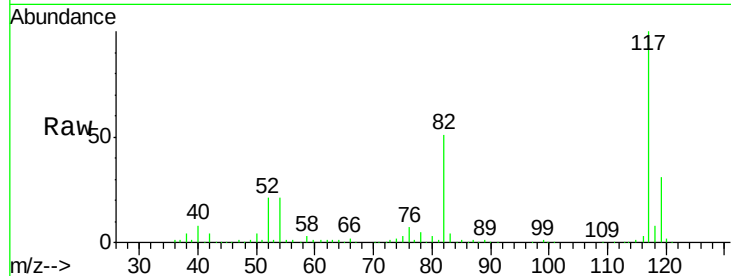
11.10 11.15 11.20



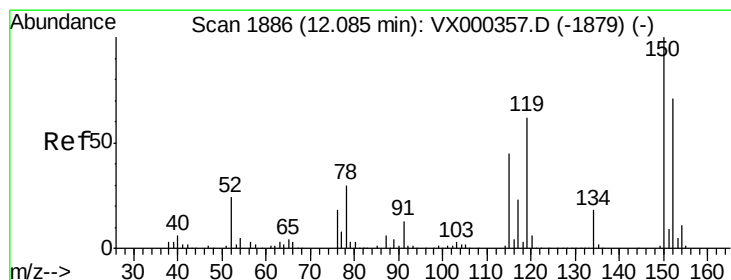
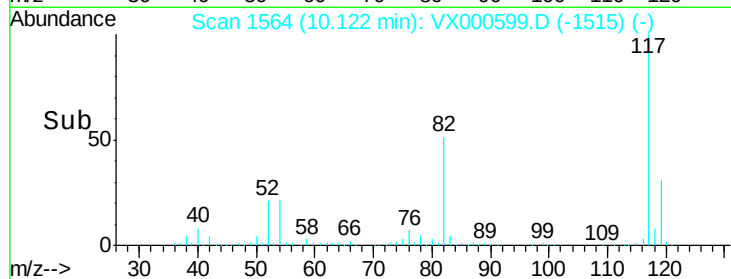
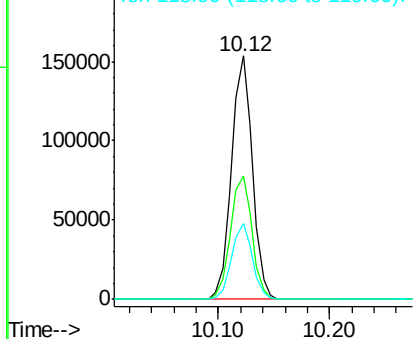


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000599.D
Acq: 31 Mar 2018 17:51

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.8	65.8
119	31.2	24.9	37.3

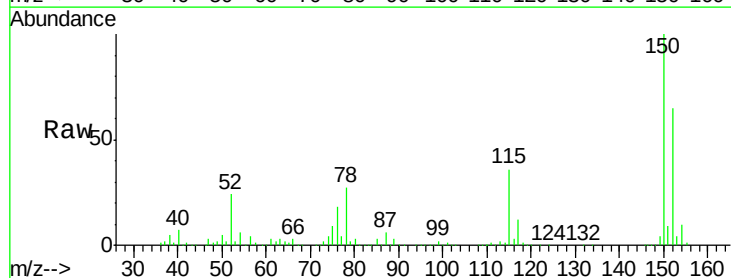


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000599.D
Acq: 31 Mar 2018 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.8	119.3
150	155.0	0.0	344.4



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

