

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000613.D
 Acq On : 01 Apr 2018 00:39
 Operator : JC/MD
 Sample : J2132-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 04 09:37:58 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	5.67	168	109841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95971	50.00	ug/l	0.00

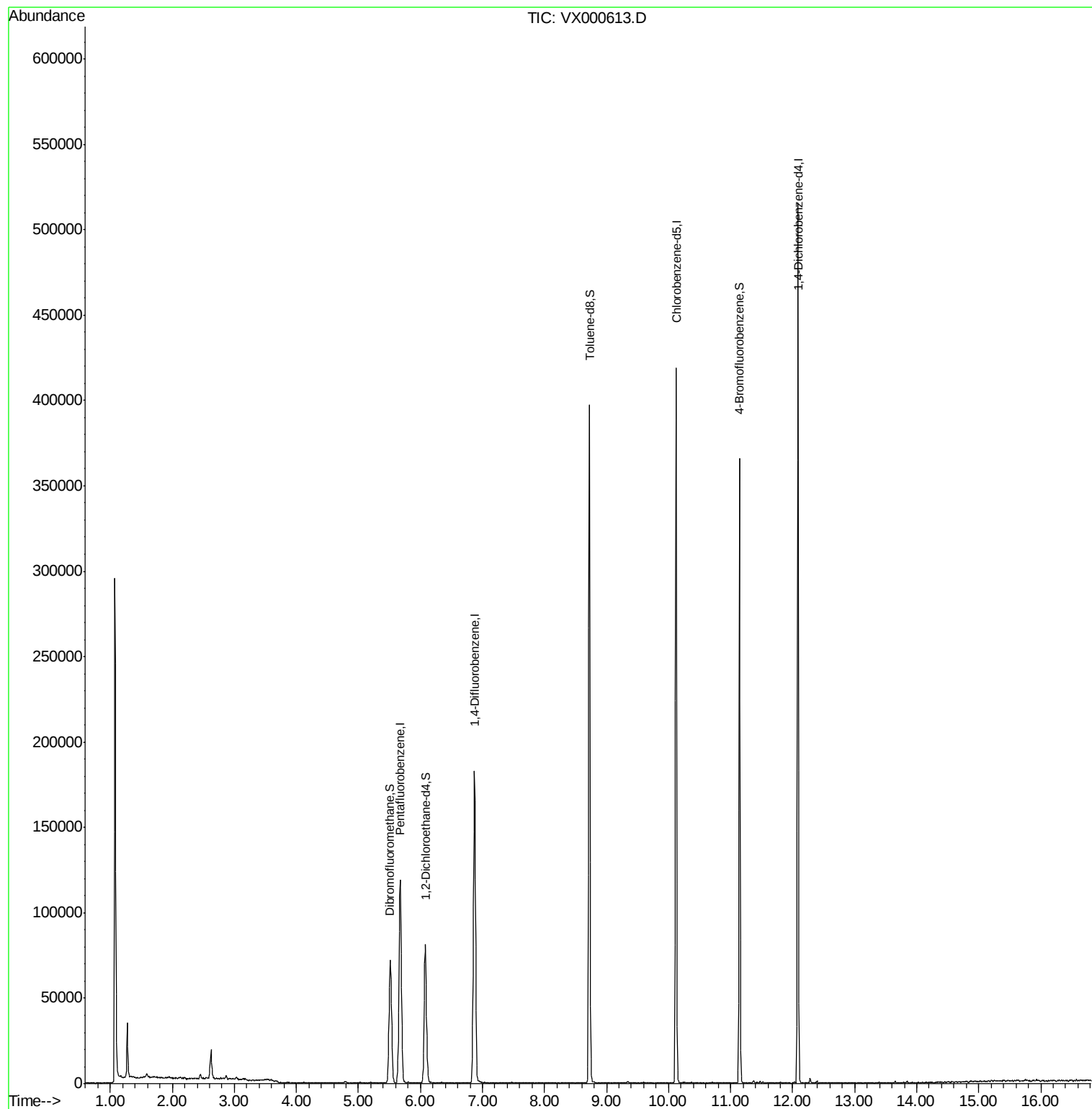
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	71489	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
35) Dibromofluoromethane	5.52	113	56255	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	
50) Toluene-d8	8.73	98	228992	48.50	ug/l	0.00
Spiked Amount						
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.15	95	79677	41.18	ug/l	0.00
Spiked Amount						
			Recovery	=	82.36%	

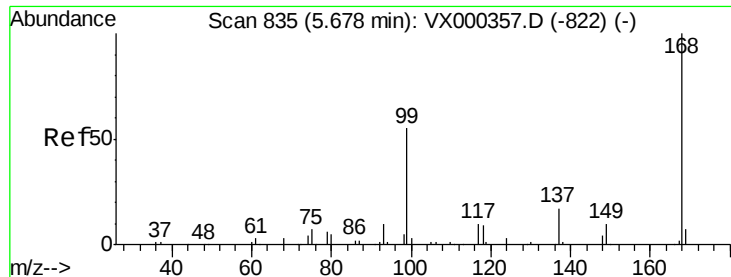
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000613.D

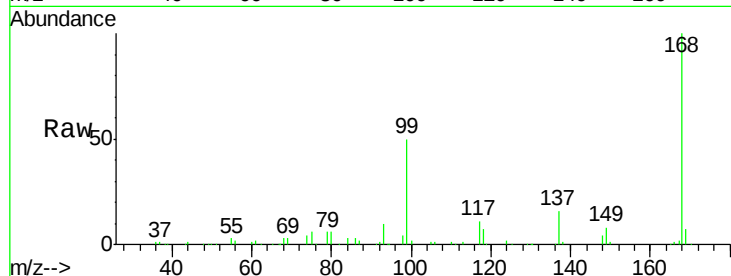
Acq: 01 Apr 2018 00:39

Tot Ion:168 Resp: 109841

Ion Ratio Lower Upper

168 100

99 50.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

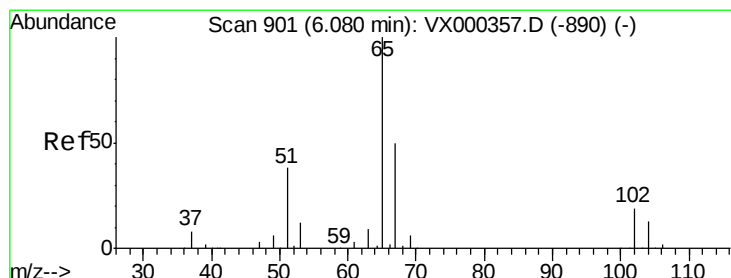
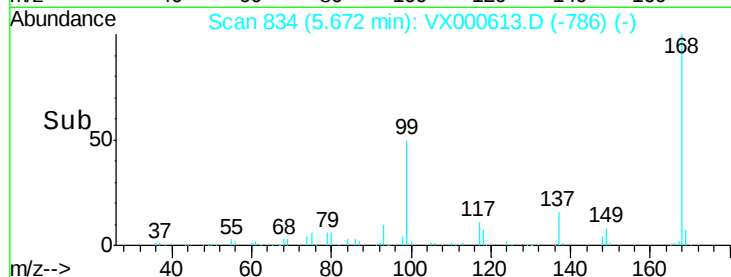
0

Time-->

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 49.86 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000613.D

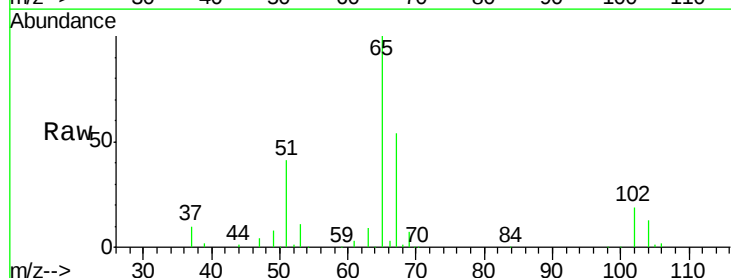
Acq: 01 Apr 2018 00:39

Tgt Ion: 65 Resp: 71489

Ion Ratio Lower Upper

65 100

67 51.5 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

25000

20000

15000

10000

5000

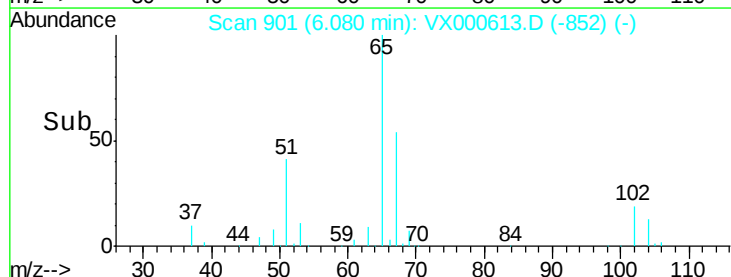
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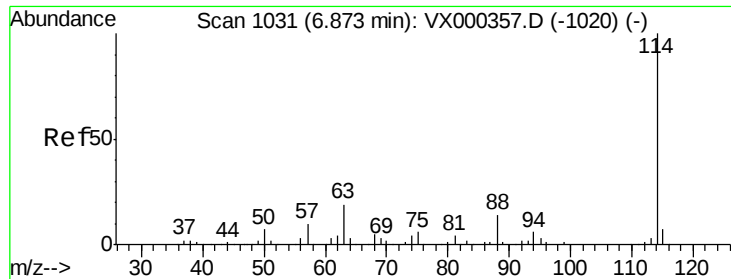
Time-->

6.00

6.10

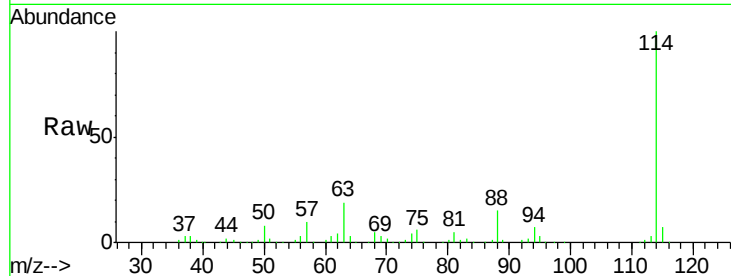
6.20



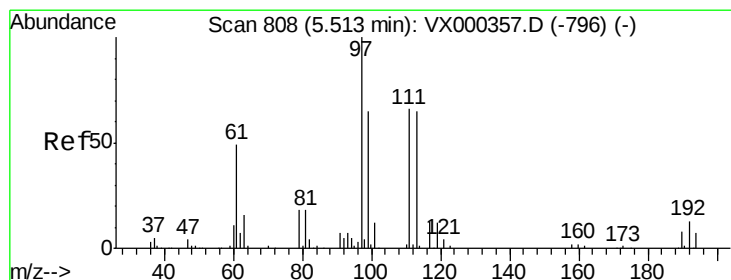
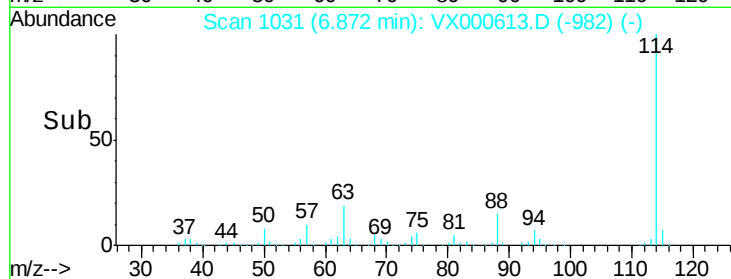
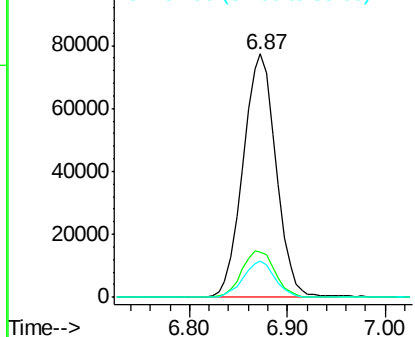


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000613.D
 Acq: 01 Apr 2018 00:39

Tot Ion:114 Resp: 180921
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.7 0.0 27.0

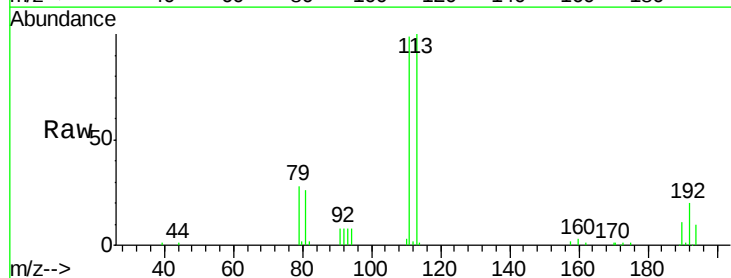


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

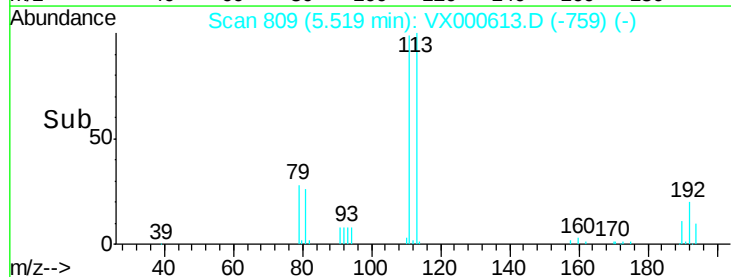
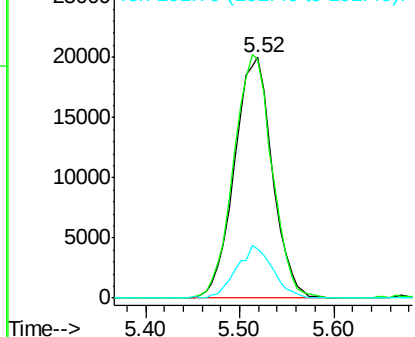


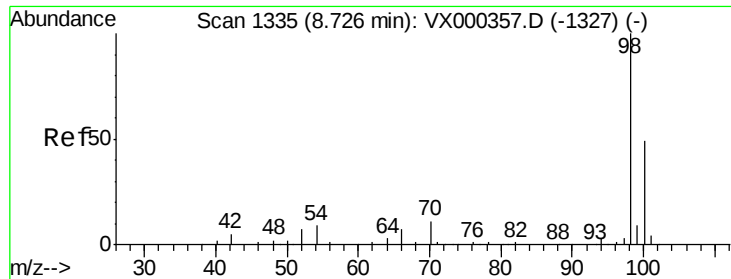
#35
 Dibromofluoromethane
 Concen: 49.35 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000613.D
 Acq: 01 Apr 2018 00:39

Tgt Ion:113 Resp: 56255
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 20.9 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: 48.50 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000613.D

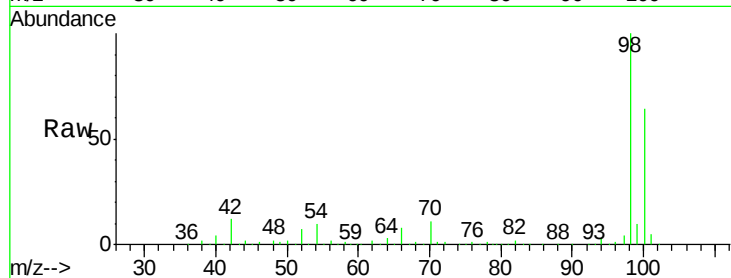
Acq: 01 Apr 2018 00:39

Tot Ion: 98 Resp: 228992

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

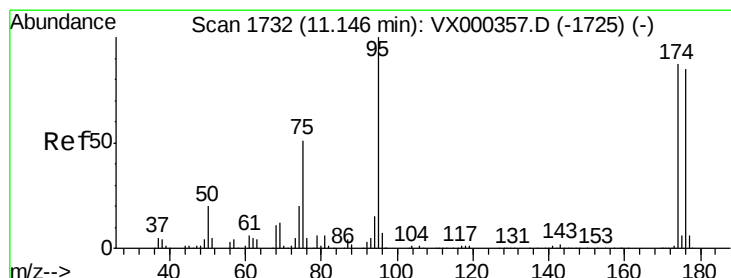
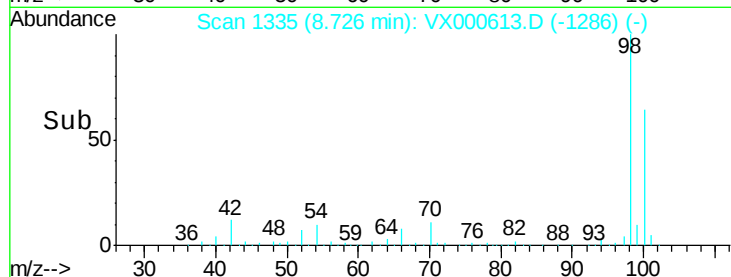
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 41.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000613.D

Acq: 01 Apr 2018 00:39

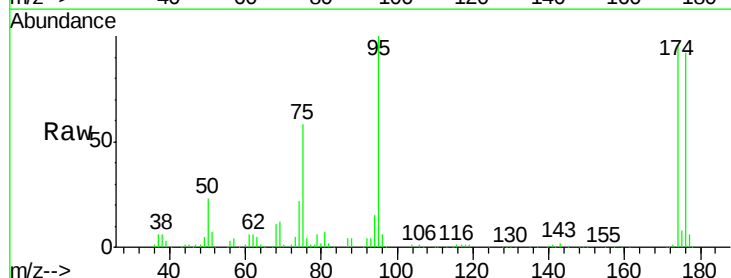
Tgt Ion: 95 Resp: 79677

Ion Ratio Lower Upper

95 100

174 91.8 0.0 173.6

176 88.6 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

80000

60000

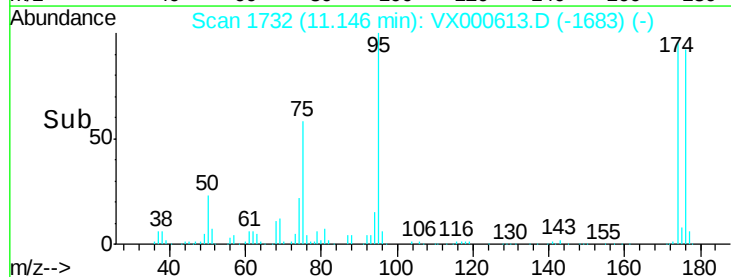
40000

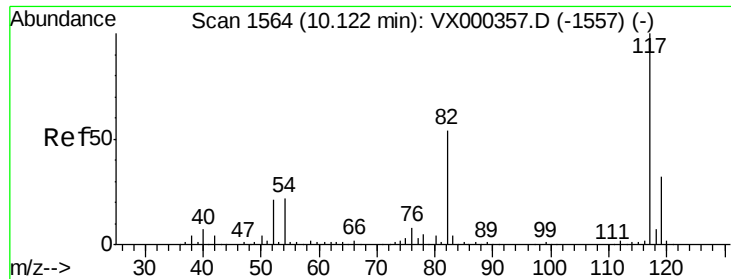
20000

0

11.10 11.15 11.20

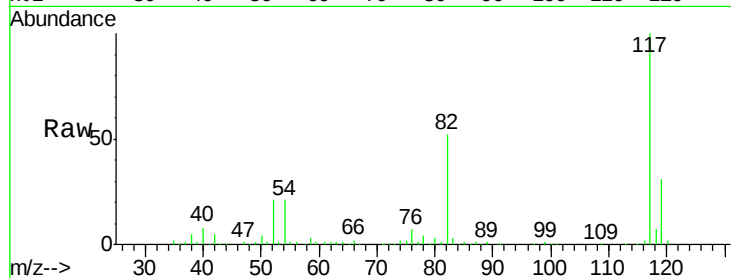
Time-->



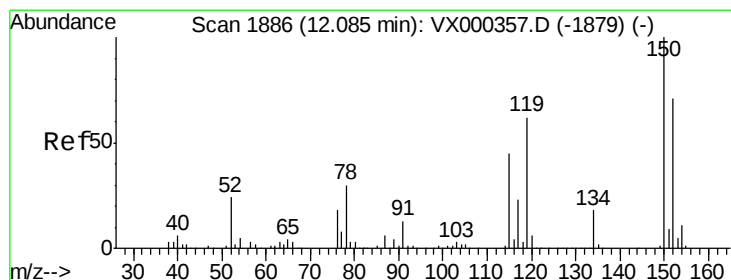
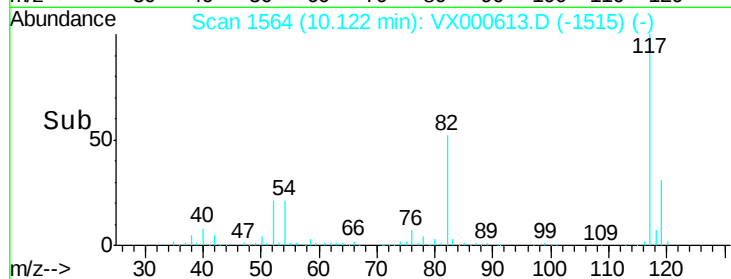
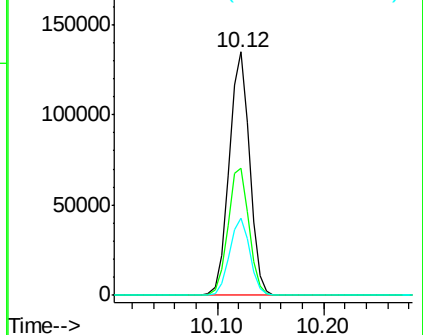


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000613.D
Acq: 01 Apr 2018 00:39

Tot Ion:117 Resp: 181409
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.8
119 31.5 24.9 37.3

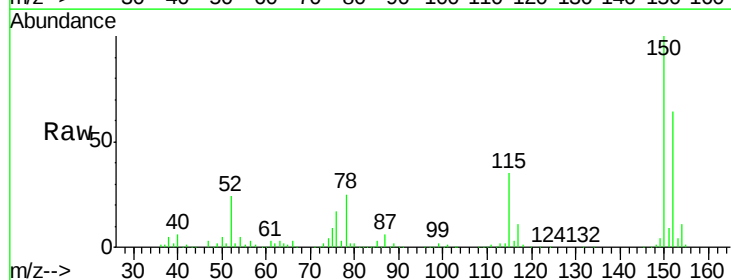


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000613.D
Acq: 01 Apr 2018 00:39

Tgt Ion:152 Resp: 95971
Ion Ratio Lower Upper
152 100
115 55.4 39.8 119.3
150 158.6 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

