

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004077.D
 Acq On : 15 Aug 2018 17:21
 Operator : JC/MD
 Sample : J4428-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-TB-2018-2

Quant Time: Aug 16 16:52:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186372	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	5.51	113	157761	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	8.72	98	564349	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
62) 4-Bromofluorobenzene	11.14	95	190127	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	

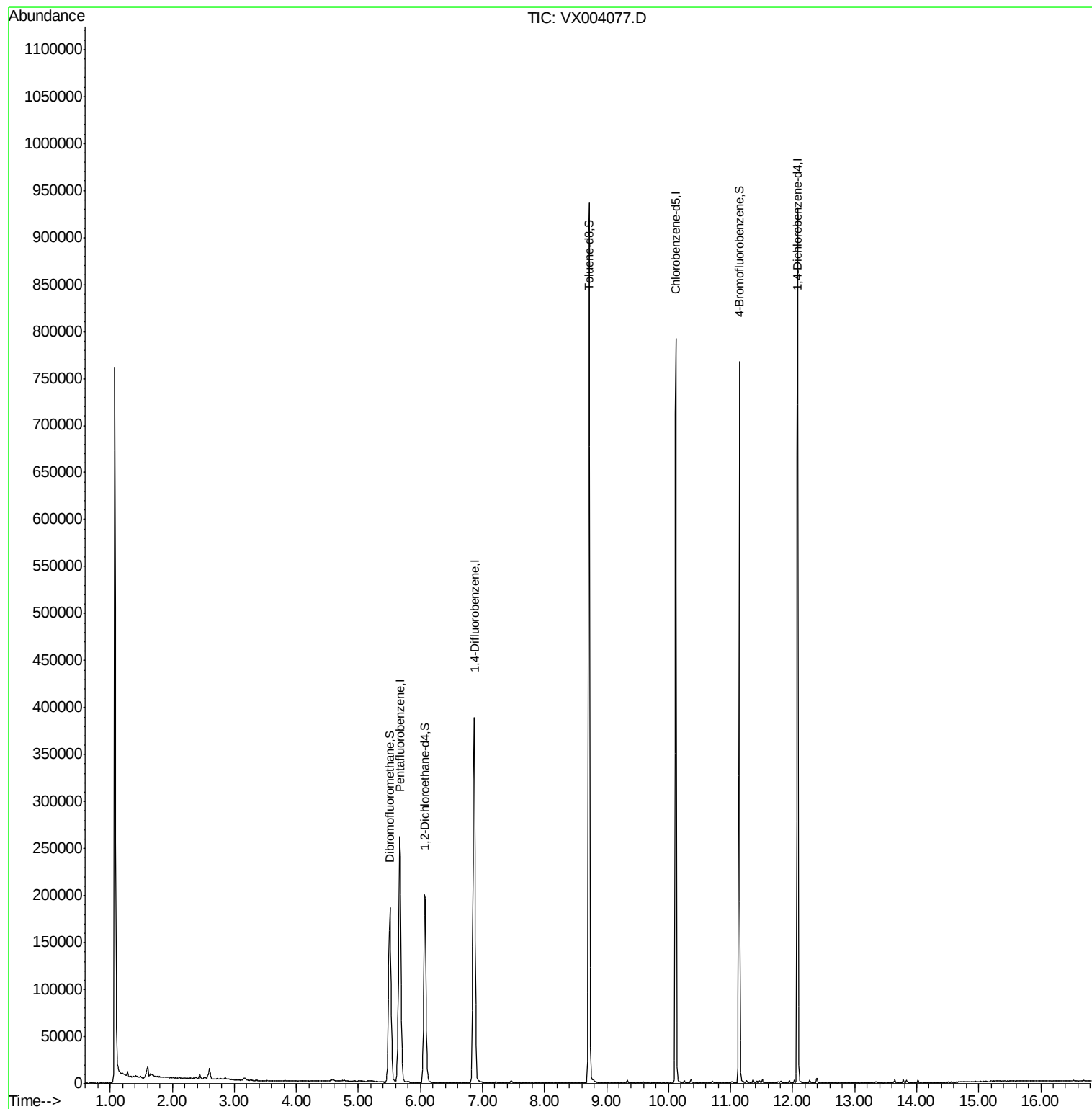
Target Compounds	Qvalue

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX004077.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

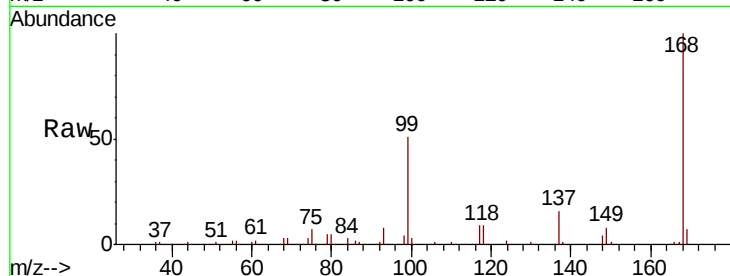
LF1-TB-2018-2

Tot Ion:168 Resp: 257912

Ion Ratio Lower Upper

168 100

99 51.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004077.D (-784) (-)

Ion 98.90 (98.60 to 99.60): VX004077.D (-784) (-)

5.67

100000

80000

60000

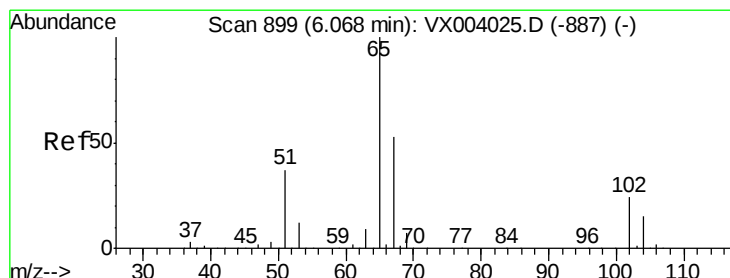
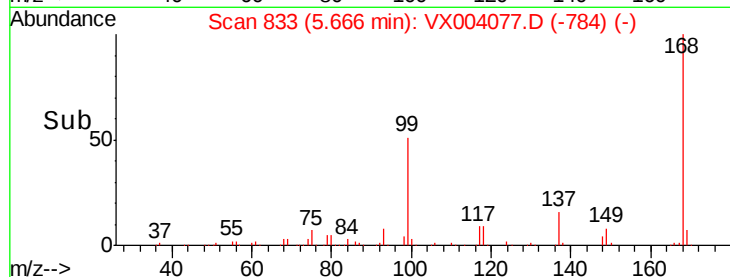
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.29 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004077.D

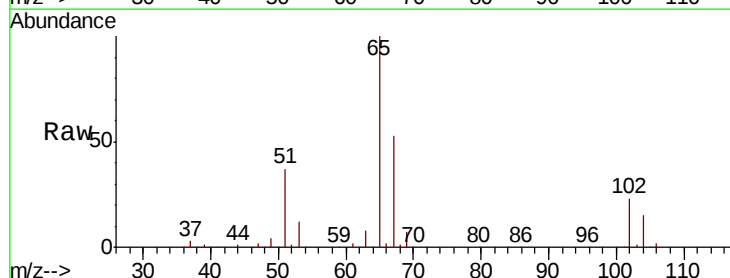
Acq: 15 Aug 2018 17:21

Tgt Ion: 65 Resp: 186372

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX004077.D (-850) (-)

Ion 66.90 (66.60 to 67.60): VX004077.D (-850) (-)

6.07

80000

60000

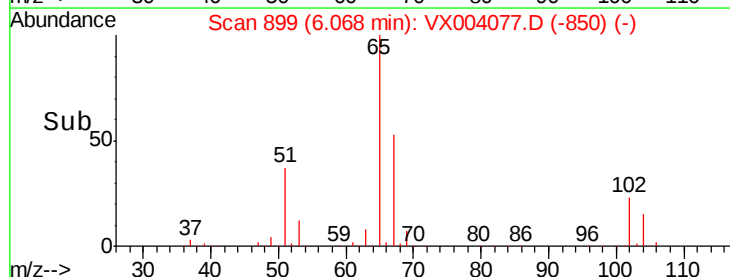
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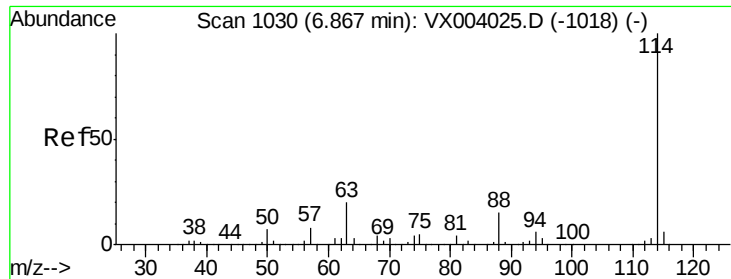
20000

0

Time-->

6.00 6.10 6.20

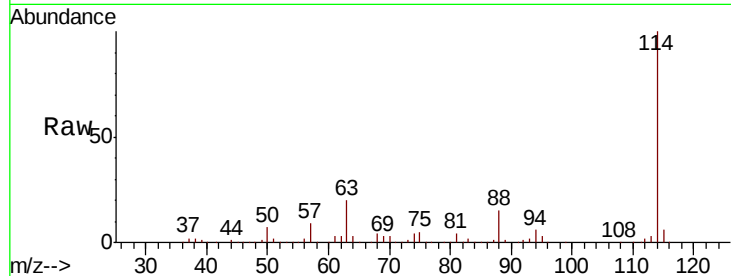




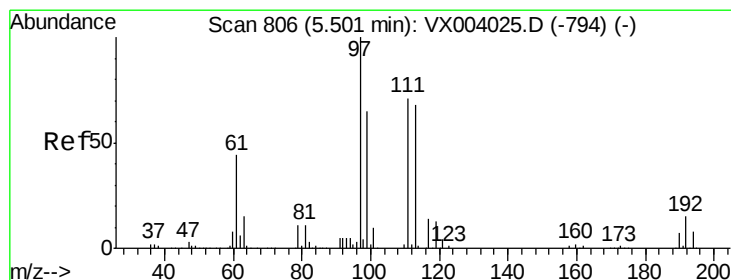
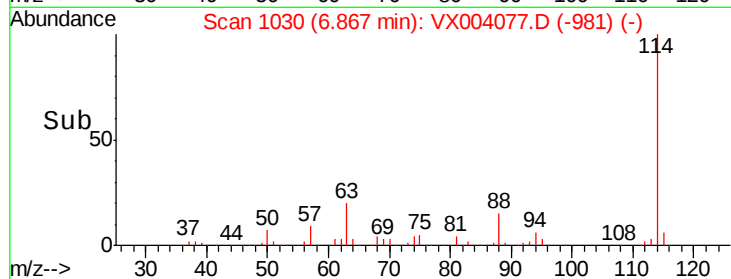
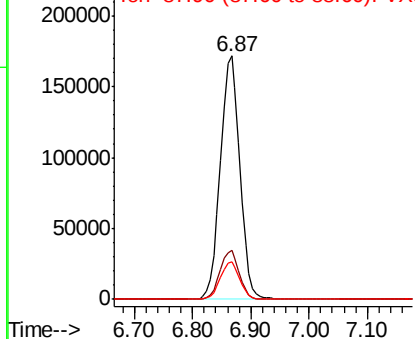
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004077.D
 Acq: 15 Aug 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-TB-2018-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.4	0.0	32.0

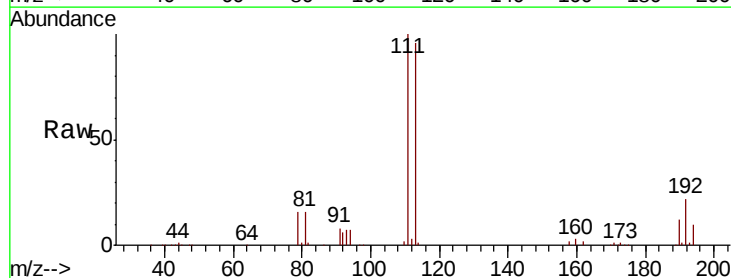


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

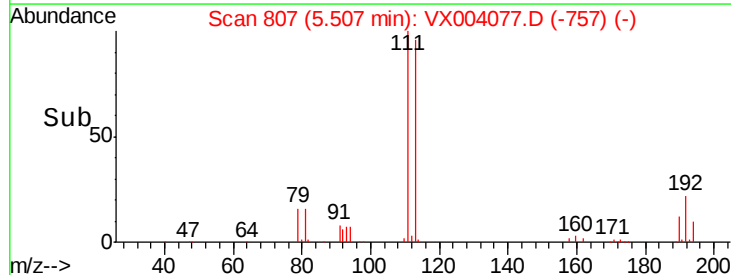
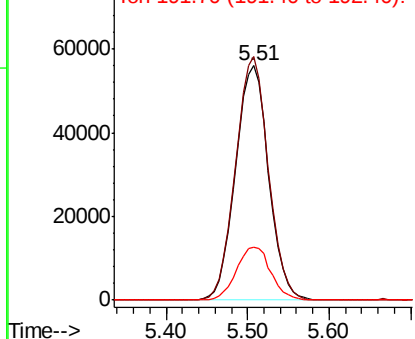


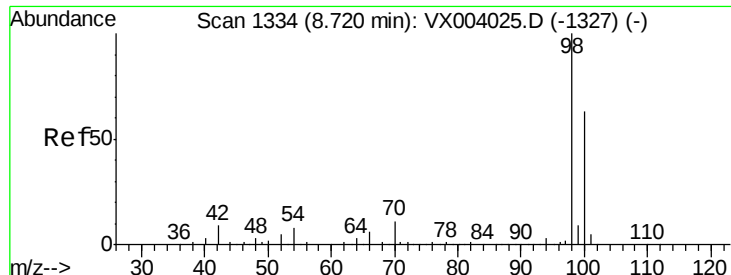
#35
 Dibromofluoromethane
 Concen: 52.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004077.D
 Acq: 15 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.4	19.0	28.4



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: 46.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004077.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

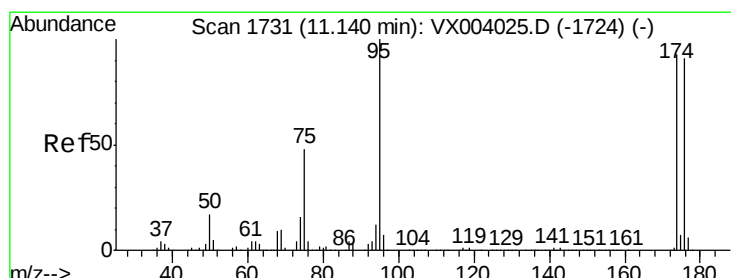
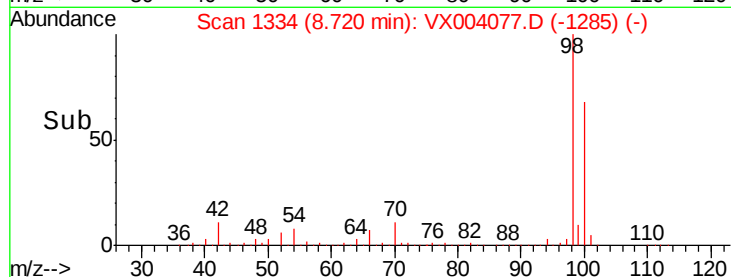
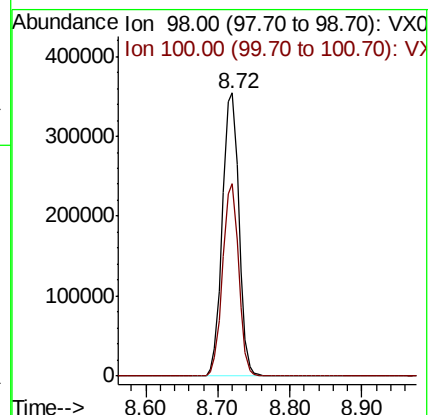
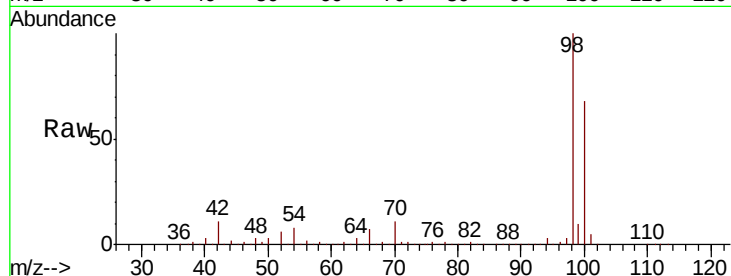
LF1-TB-2018-2

Tot Ion: 98 Resp: 564349

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004077.D

Acq: 15 Aug 2018 17:21

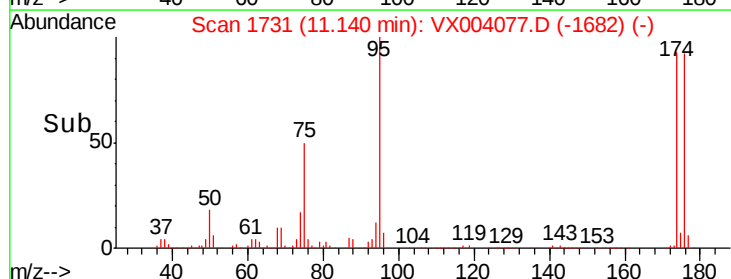
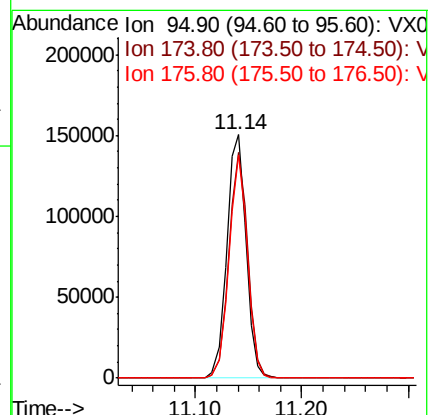
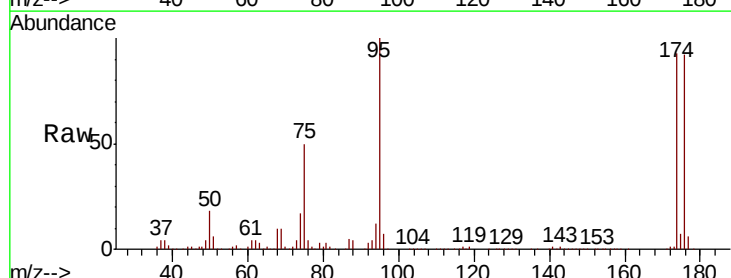
Tgt Ion: 95 Resp: 190127

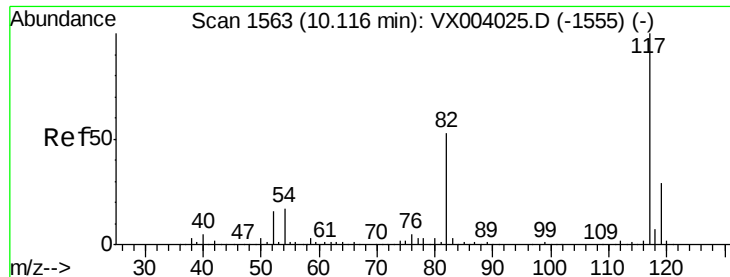
Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

176 88.2 0.0 179.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004077.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

LF1-TB-2018-2

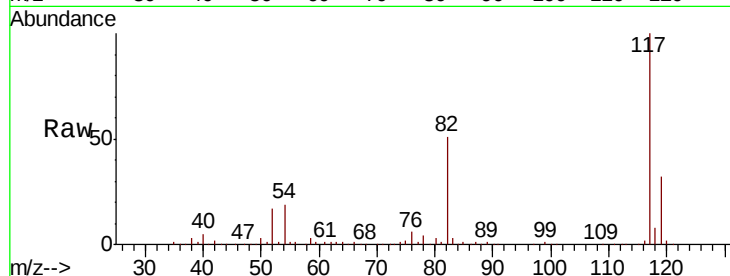
Tot Ion:117 Resp: 356633

Ion Ratio Lower Upper

117 100

82 51.2 45.4 68.0

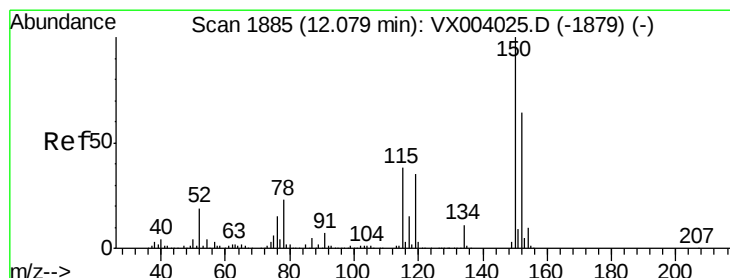
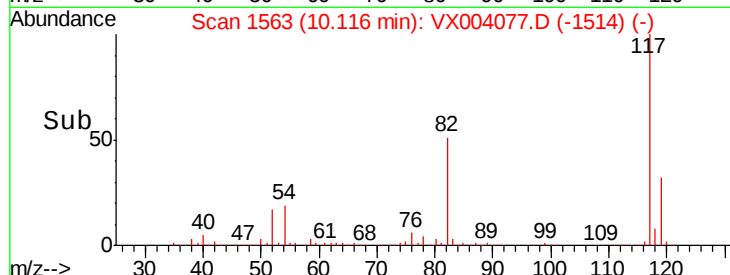
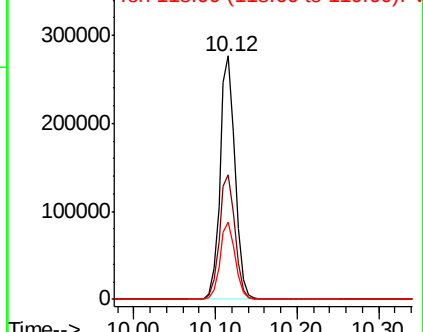
119 31.9 26.6 40.0



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# 1885

Delta R.T. -0.00 min

Lab File: VX004077.D

Acq: 15 Aug 2018 17:21

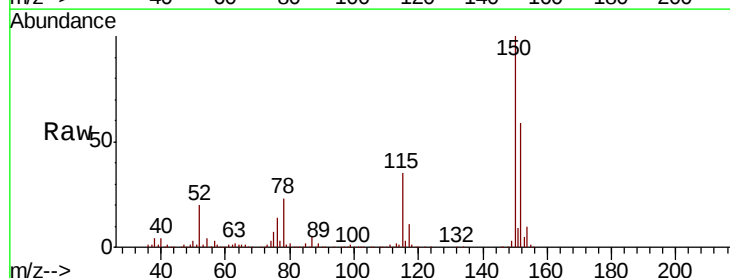
Tgt Ion:152 Resp: 189575

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

150 158.9 0.0 349.2



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

