

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003579.D
 Acq On : 22 Jul 2018 03:15
 Operator : JC/SP
 Sample : J4028-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC001-W-180716

Quant Time: Jul 23 09:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	268968	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	436830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173309	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	
35) Dibromofluoromethane	5.51	113	160136	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.72	98	567523	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	193188	42.33	ug/l	0.00
Spiked Amount			Recovery	=	84.66%	

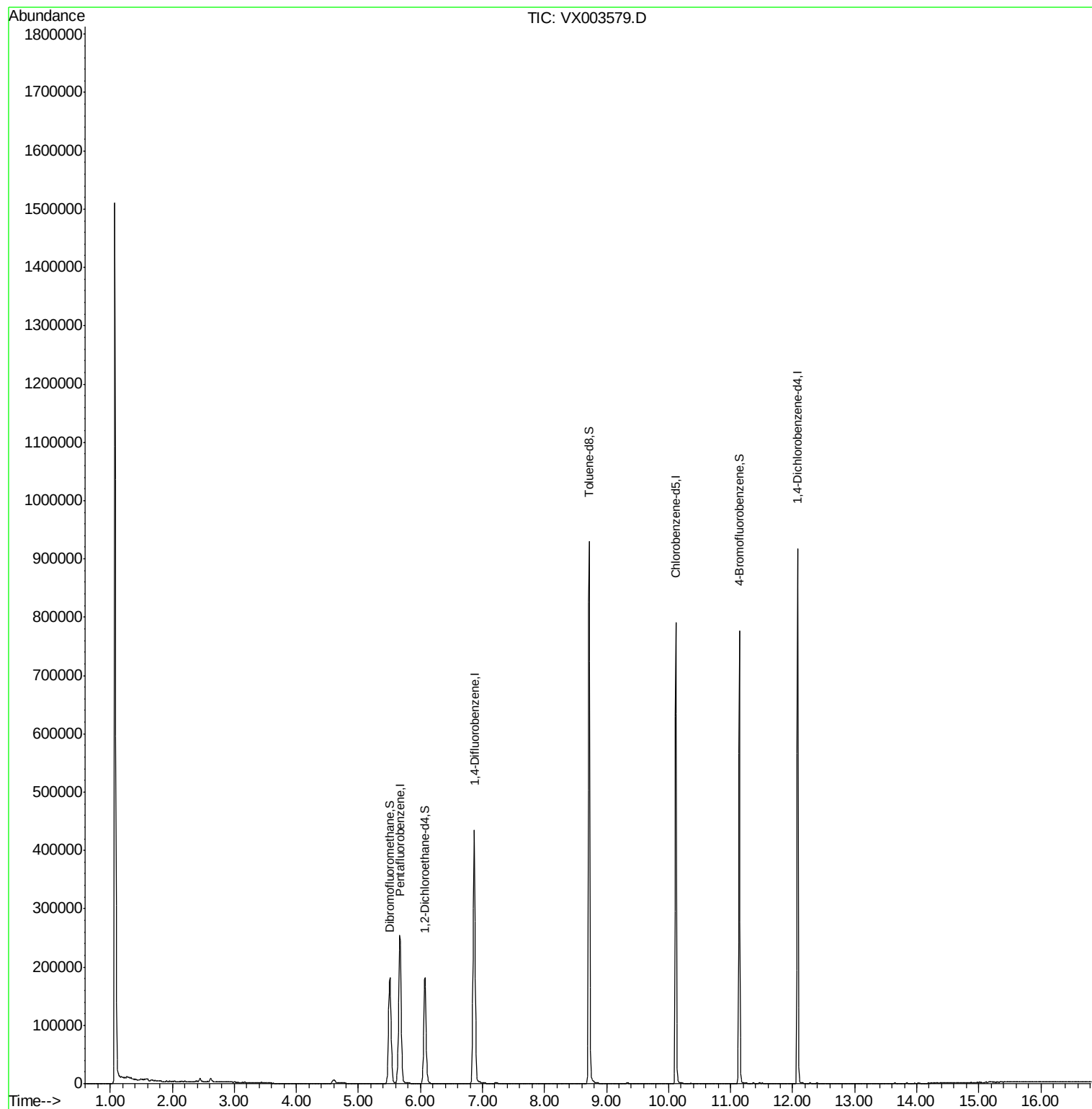
Target Compounds	Qvalue
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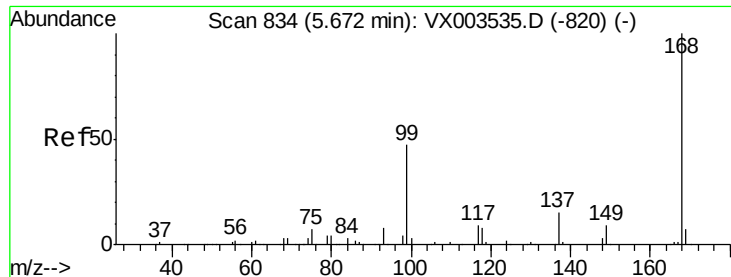
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003579.D

Acq: 22 Jul 2018 03:15

Instrument :

MSVOA_X

ClientSampleId :

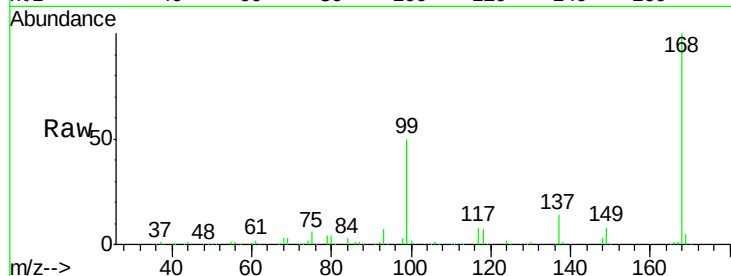
KY030LC001-W-180716

Tot Ion:168 Resp: 268968

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

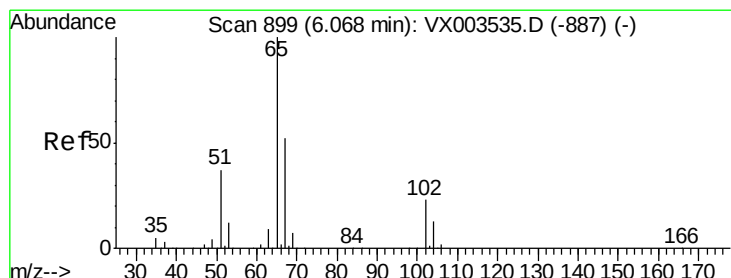
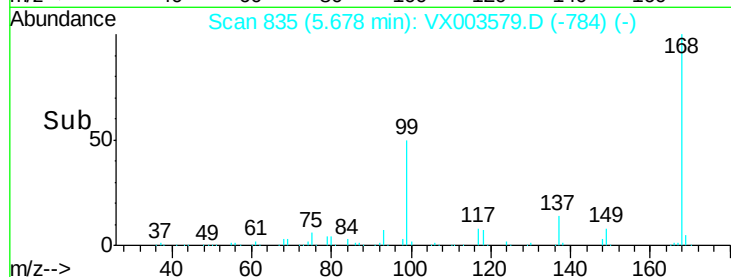
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.43 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003579.D

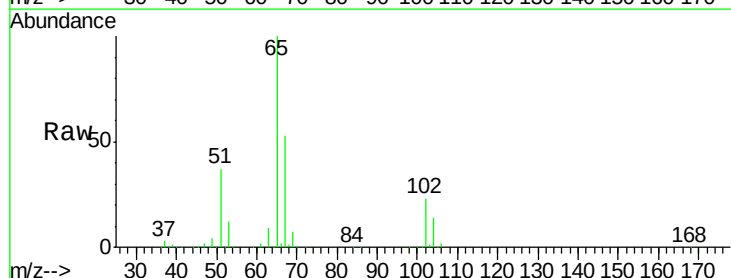
Acq: 22 Jul 2018 03:15

Tgt Ion: 65 Resp: 173309

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

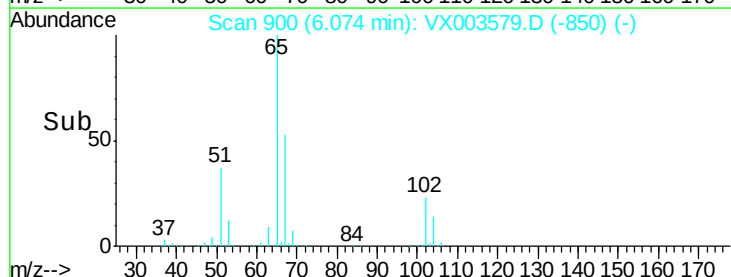
60000

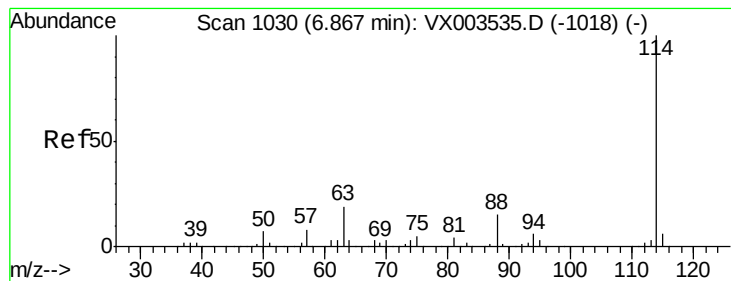
40000

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: VX003579.D

Acq: 22 Jul 2018 03:15

Instrument :

MSVOA_X

ClientSampleId :

KY030LC001-W-180716

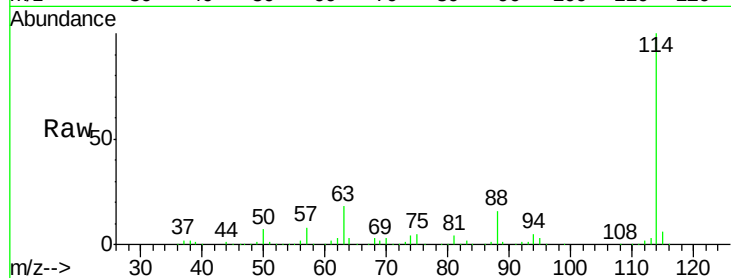
Tot Ion:114 Resp: 436830

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.4

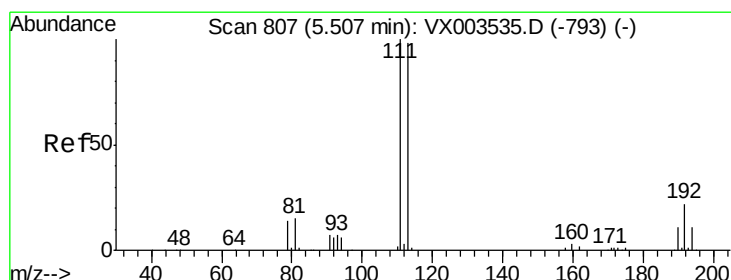
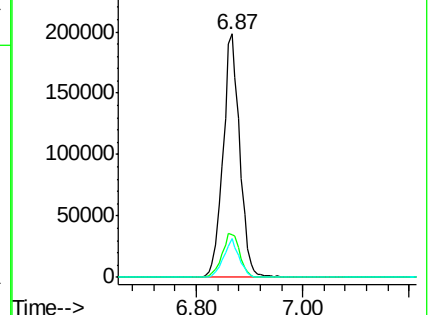
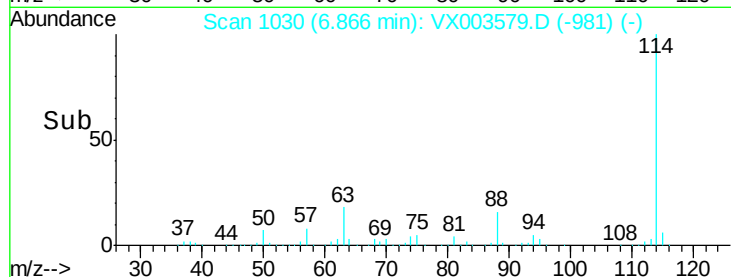
88 15.9 0.0 30.0



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: 48.13 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003579.D

Acq: 22 Jul 2018 03:15

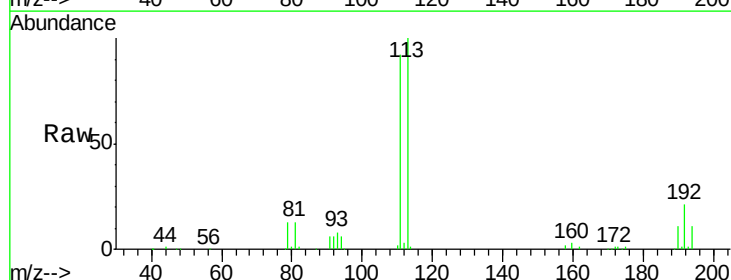
Tgt Ion:113 Resp: 160136

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

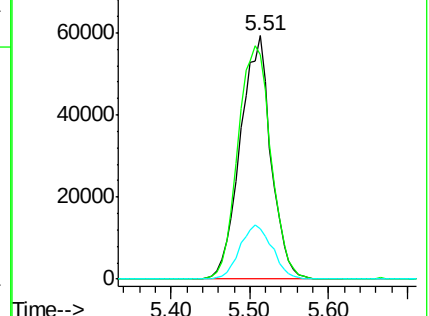
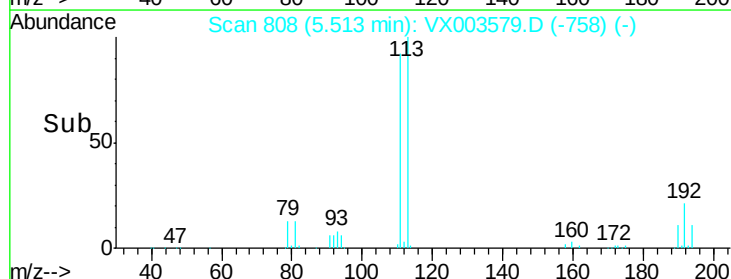
192 23.7 19.1 28.7

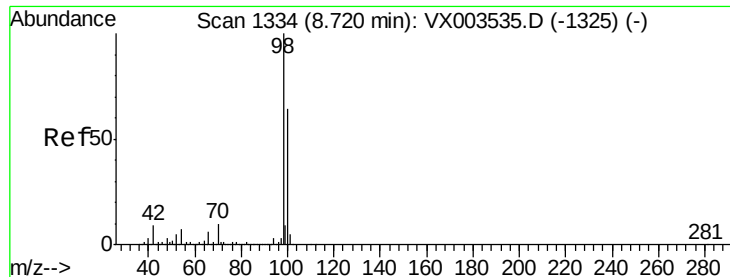


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

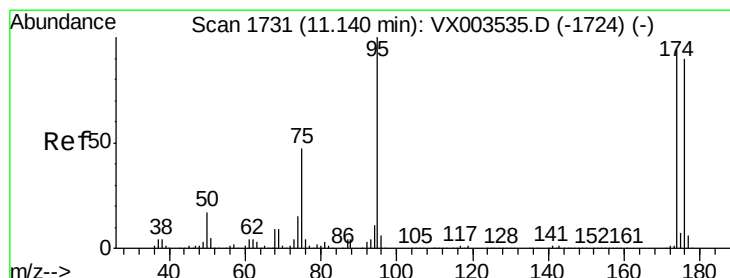
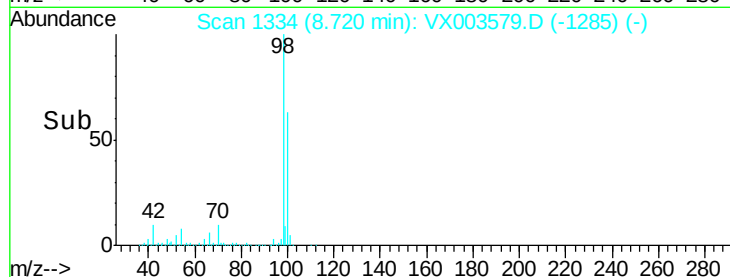
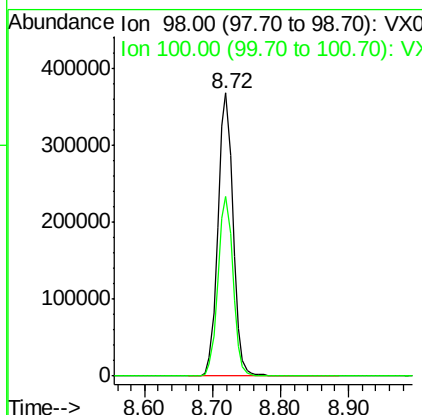
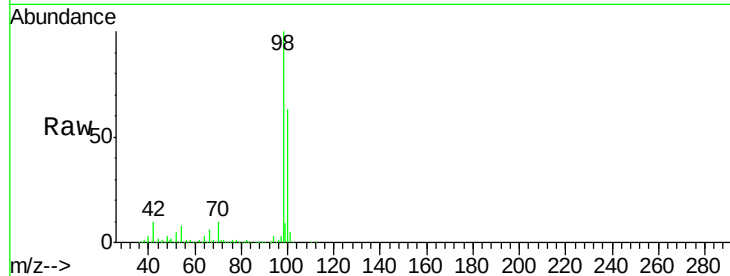




#50
Toluene-d8
Concen: 45.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003579.D
Acq: 22 Jul 2018 03:15

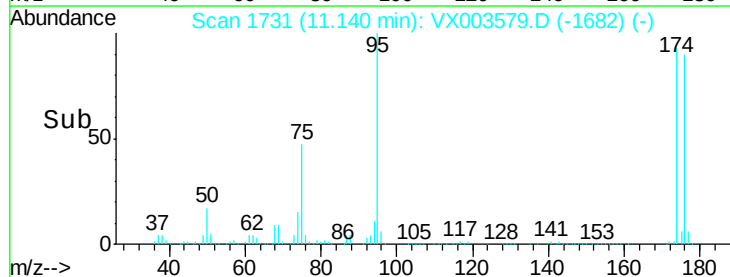
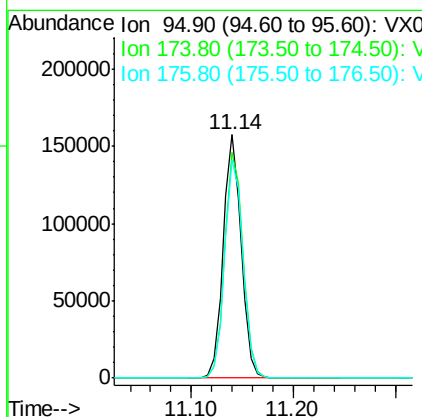
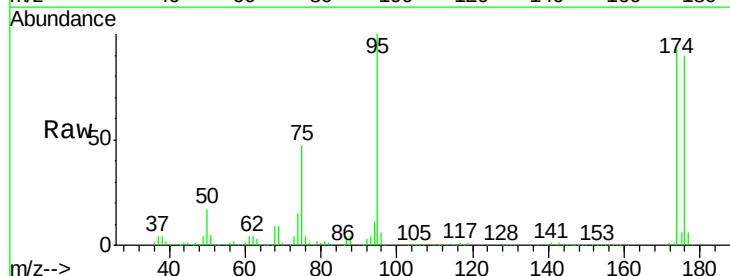
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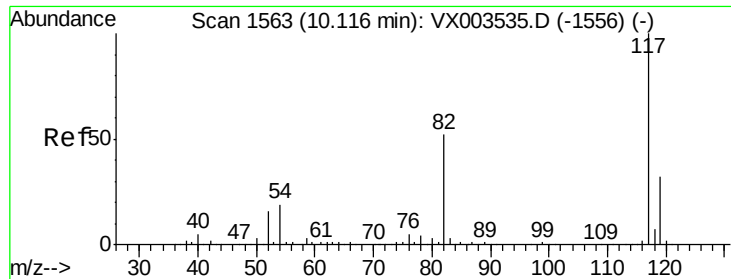
Tot Ion: 98 Resp: 567523
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003579.D
Acq: 22 Jul 2018 03:15

Tgt Ion: 95 Resp: 193188
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 91.7 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003579.D

Acq: 22 Jul 2018 03:15

Instrument :

MSVOA_X

ClientSampleId :

KY030LC001-W-180716

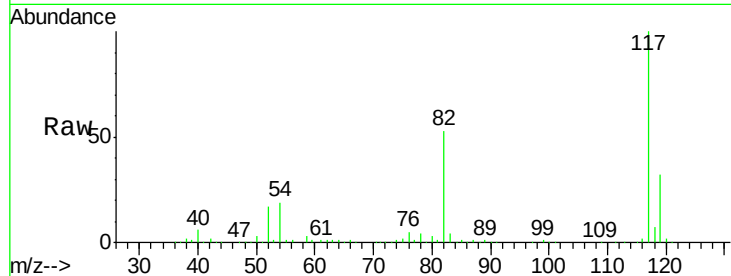
Tot Ion:117 Resp: 375066

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

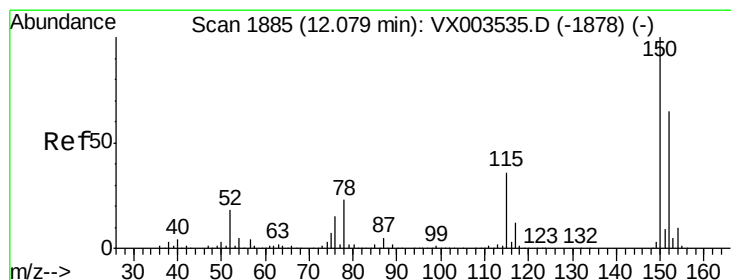
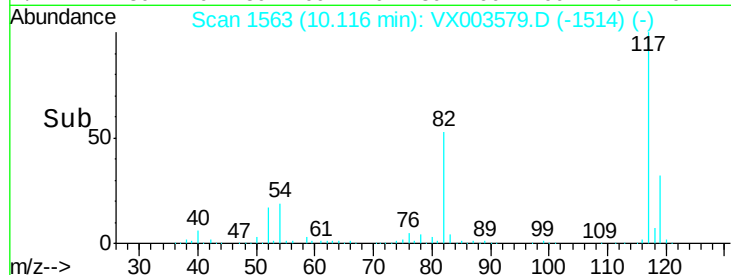
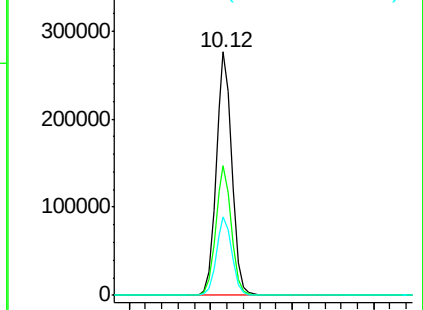
119 32.4 25.8 38.6



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: VX003579.D

Acq: 22 Jul 2018 03:15

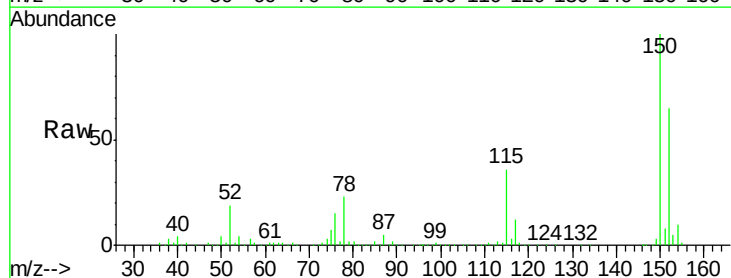
Tgt Ion:152 Resp: 204750

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

150 155.4 0.0 347.2



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

