

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003704.D
 Acq On : 27 Jul 2018 07:46
 Operator : JC/SP
 Sample : J4114-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC066-W-180720

Quant Time: Jul 27 17:38:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	80551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	67706	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	69994	58.66	ug/l	0.00
Spiked Amount			Recovery	=	117.32%	
35) Dibromofluoromethane	5.51	113	55486	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.72	98	225845	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	76454	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

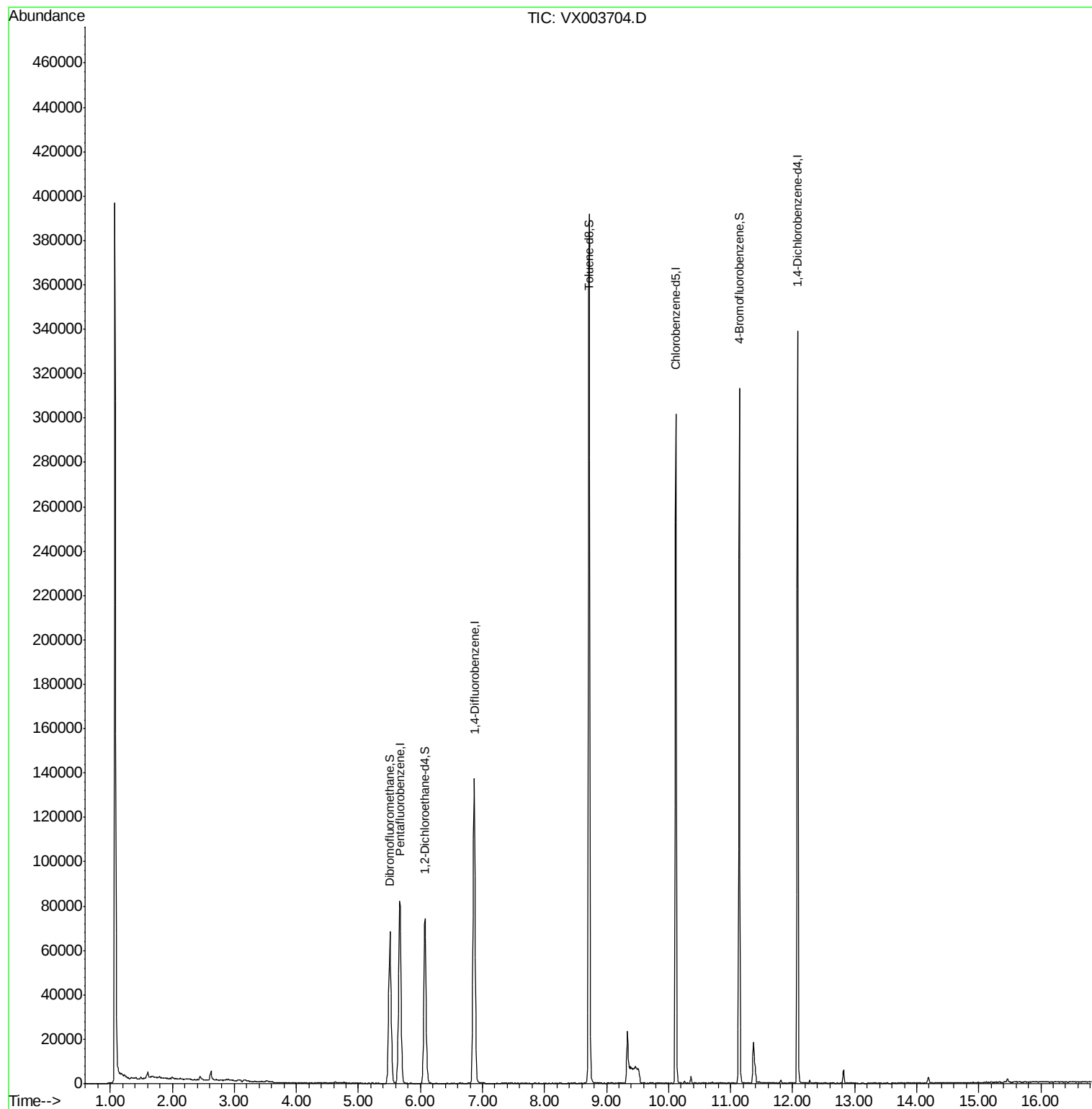
Target Compounds	Qvalue
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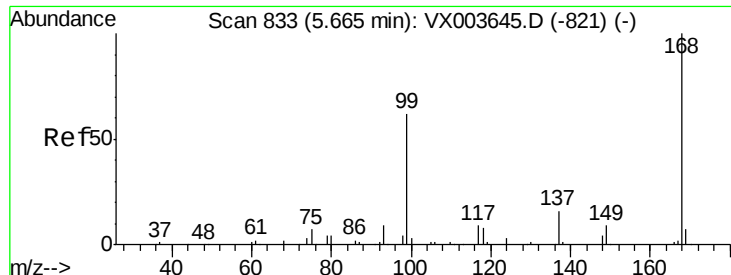
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

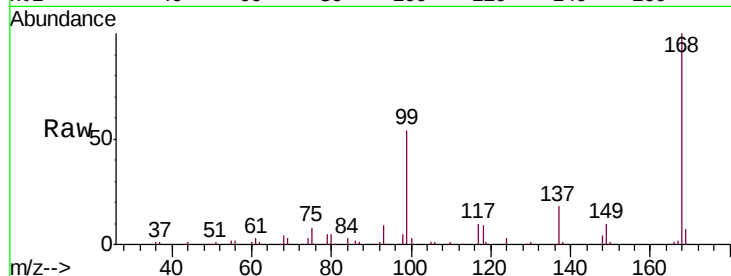
KY030LC066-W-180720

Tot Ion:168 Resp: 80551

Ion Ratio Lower Upper

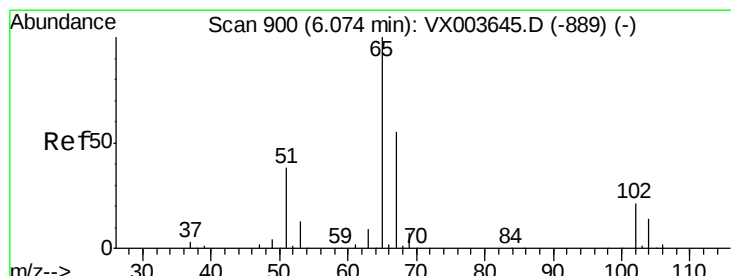
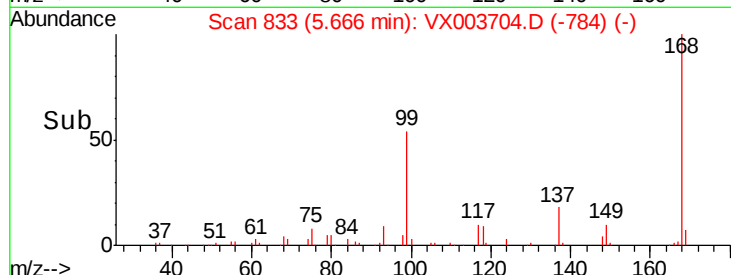
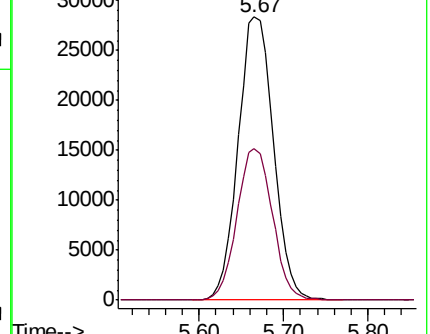
168 100

99 53.7 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.66 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003704.D

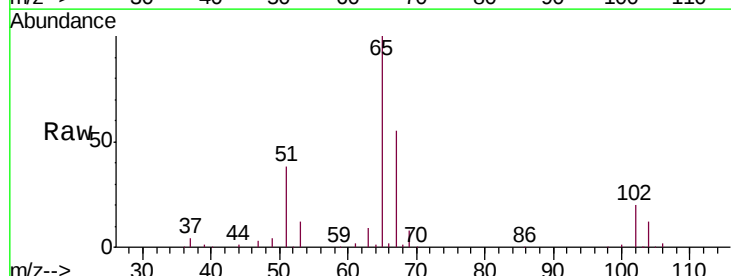
Acq: 27 Jul 2018 07:46

Tgt Ion: 65 Resp: 69994

Ion Ratio Lower Upper

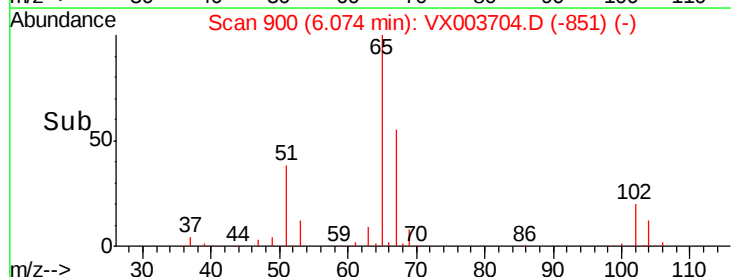
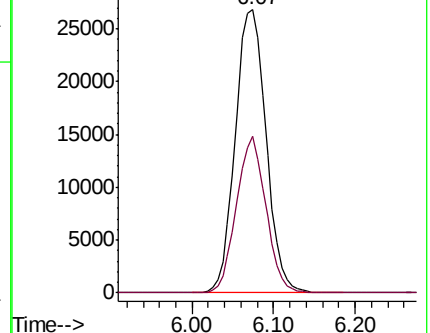
65 100

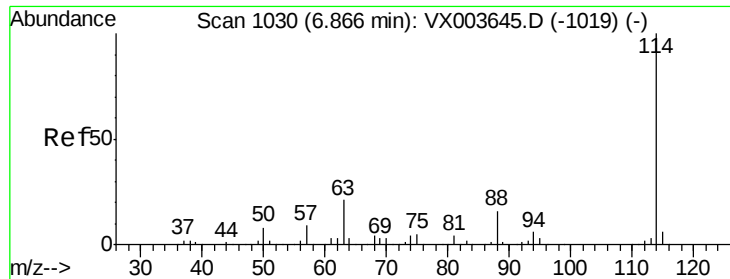
67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

KY030LC066-W-180720

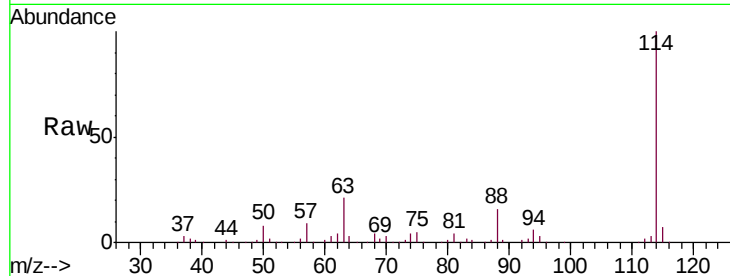
Tot Ion:114 Resp: 135460

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

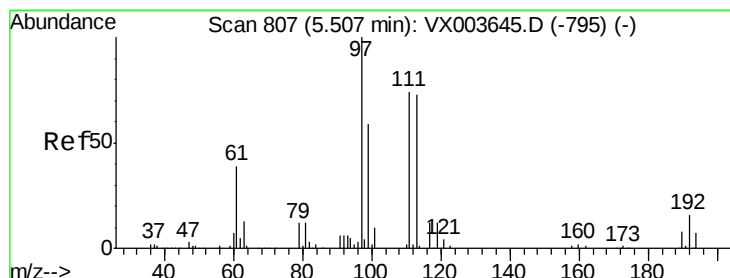
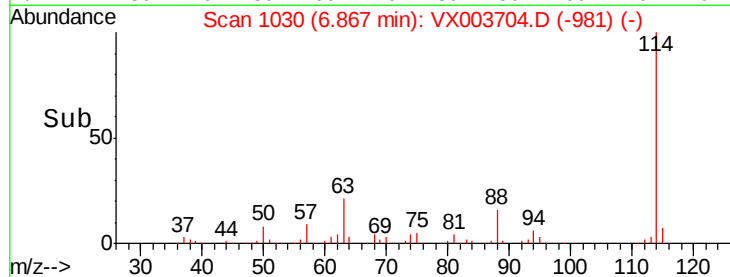
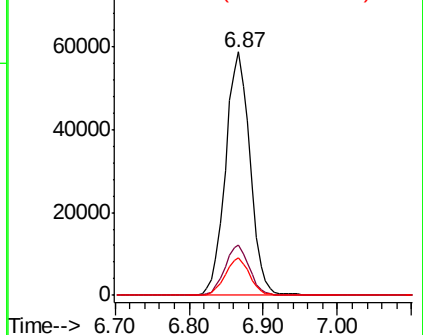
88 15.5 0.0 31.8



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: 50.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

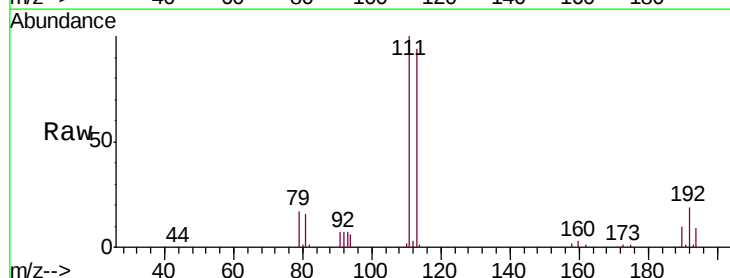
Tgt Ion:113 Resp: 55486

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

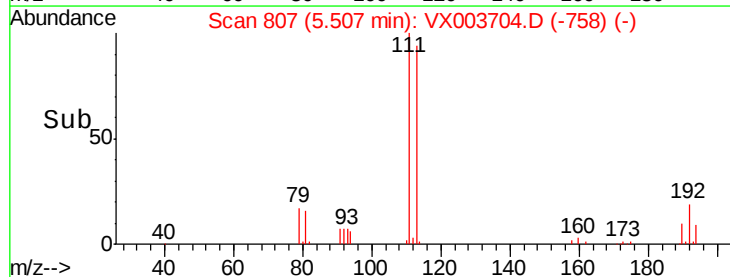
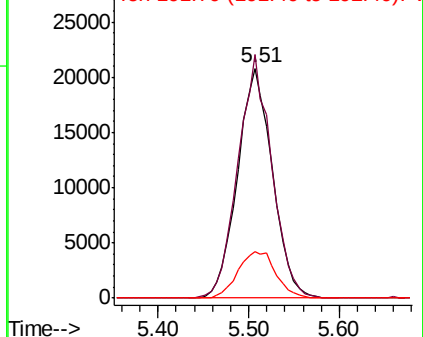
192 22.1 18.2 27.4

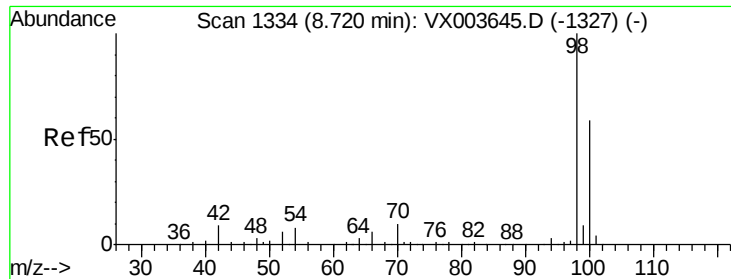


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

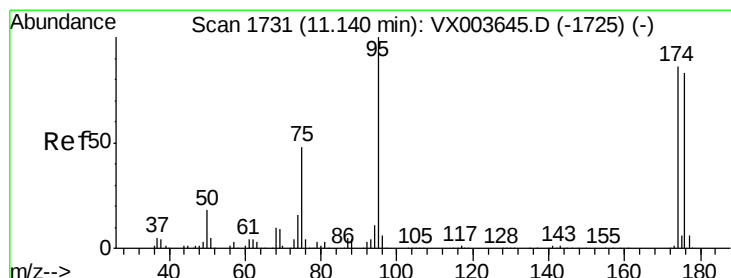
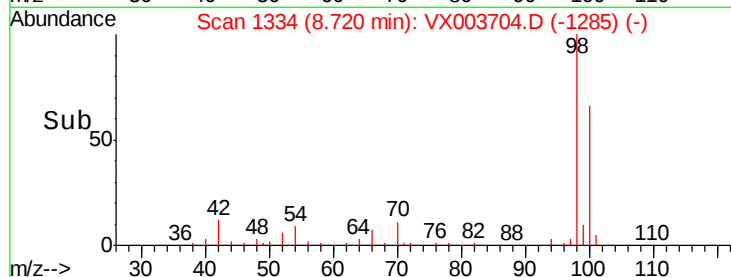
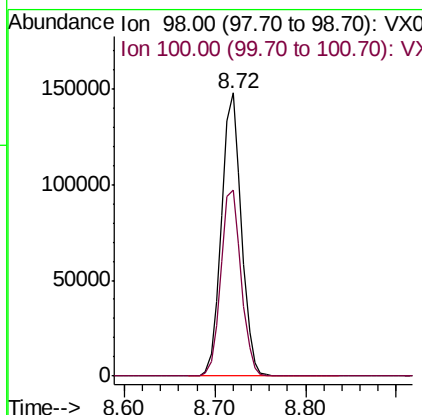
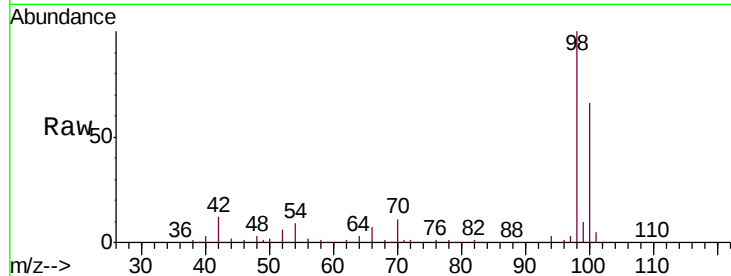




#50
Toluene-d8
Concen: 53.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

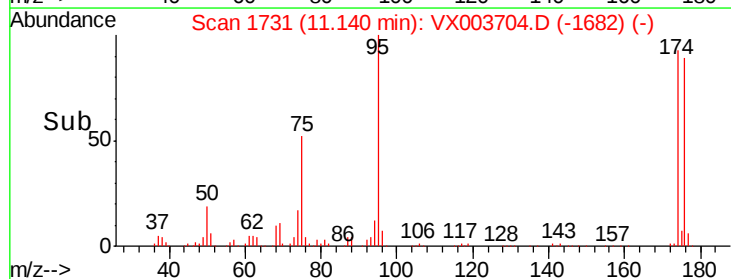
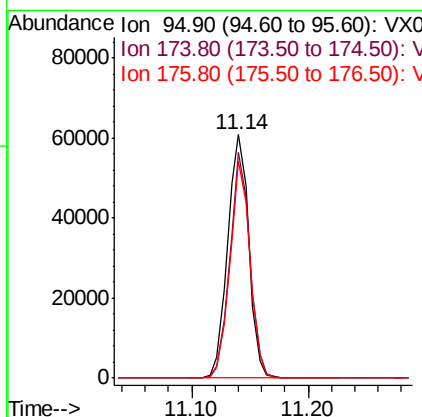
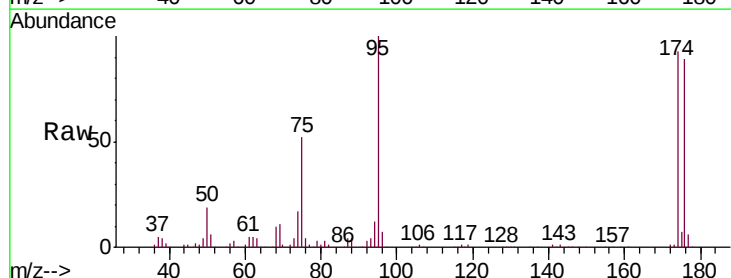
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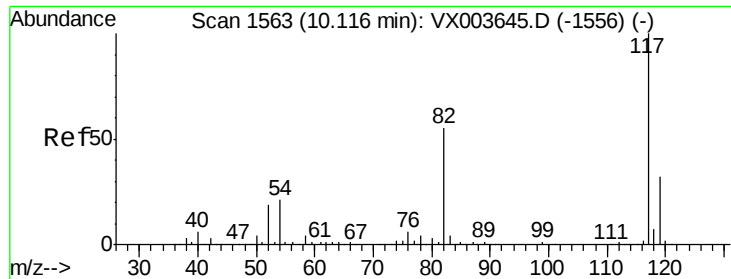
Tot Ion: 98 Resp: 225845
Ion Ratio Lower Upper
98 100
100 67.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Tgt Ion: 95 Resp: 76454
Ion Ratio Lower Upper
95 100
174 88.4 0.0 179.0
176 84.9 0.0 173.0

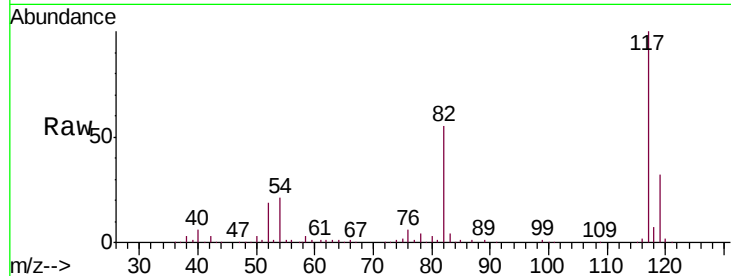




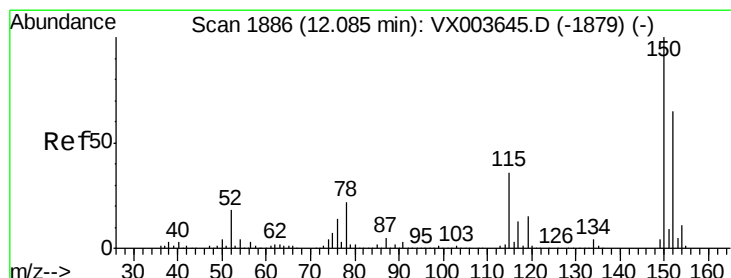
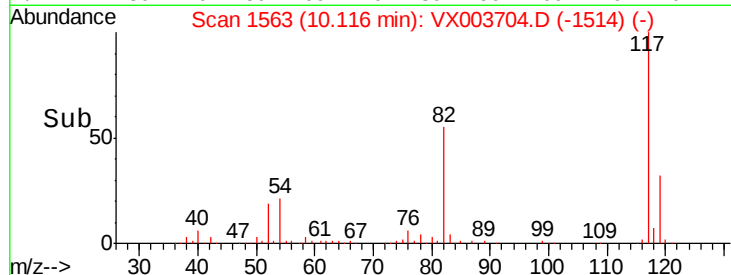
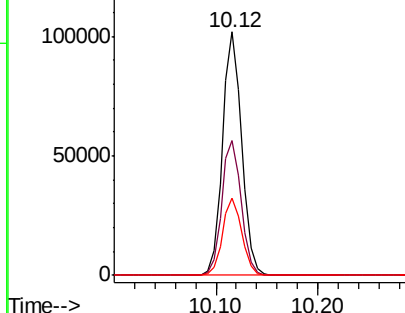
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
KY030LC066-W-180720

Tot Ion:117 Resp: 133209
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.7 25.6 38.4

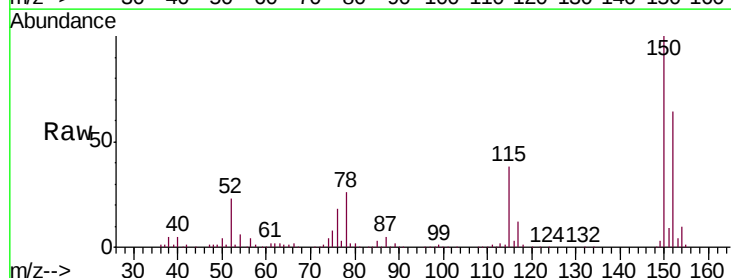


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Tgt Ion:152 Resp: 67706
Ion Ratio Lower Upper
152 100
115 56.5 40.0 119.9
150 157.3 0.0 348.4



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

