

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004094.D
 Acq On : 16 Aug 2018 01:47
 Operator : JC/MD
 Sample : VX0815WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBL02

Quant Time: Aug 16 07:29:25 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	257010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192200	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.51	113	157443	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	8.72	98	577533	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	191315	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

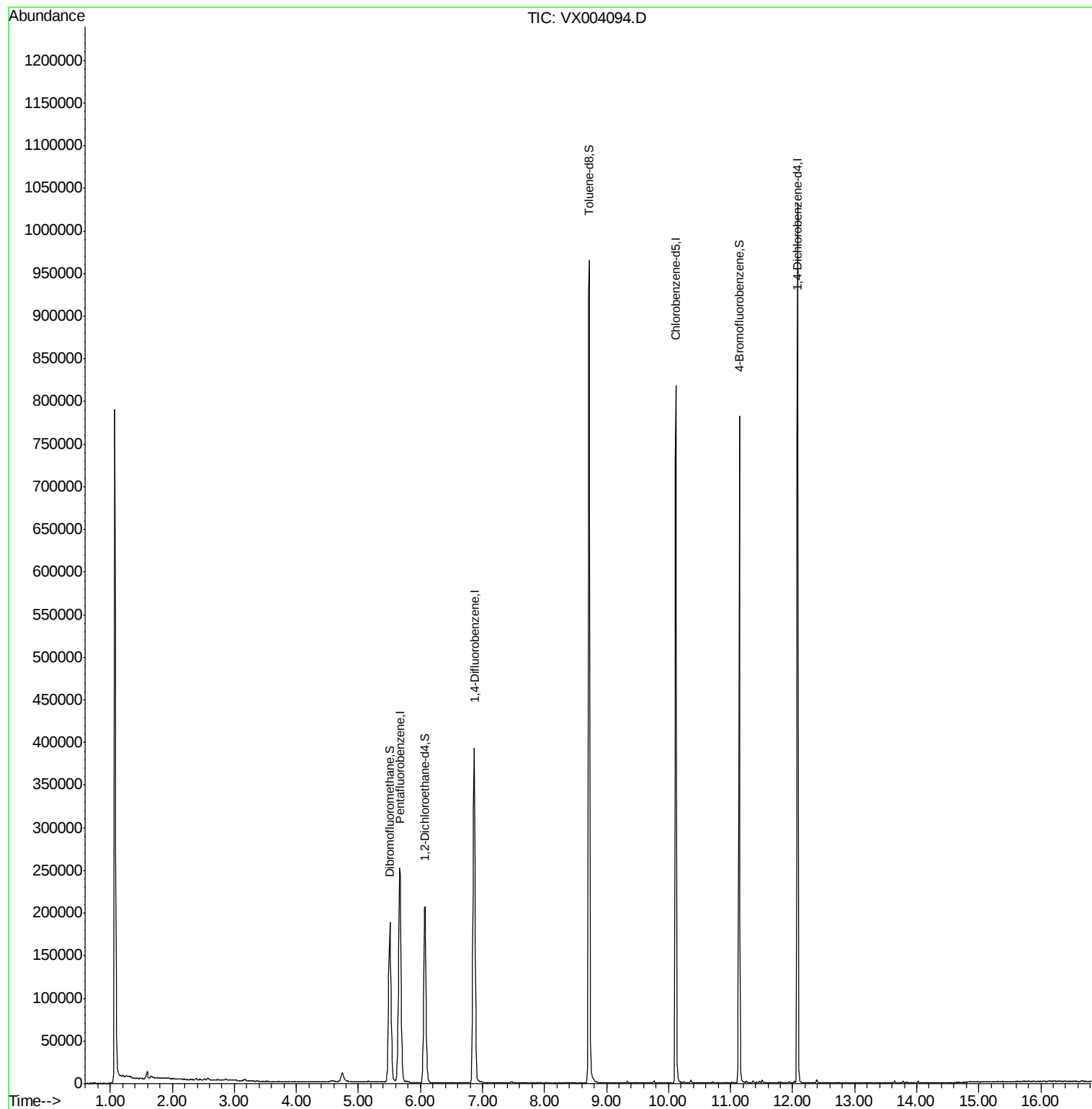
Target Compounds	Qvalue

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

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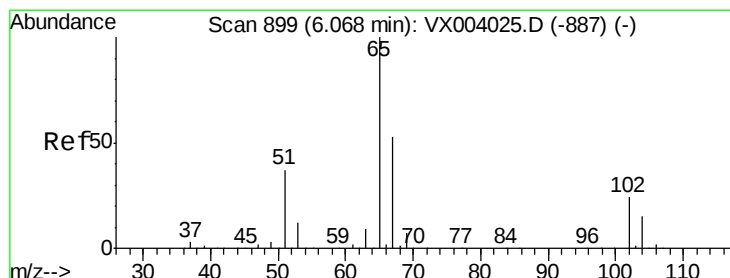
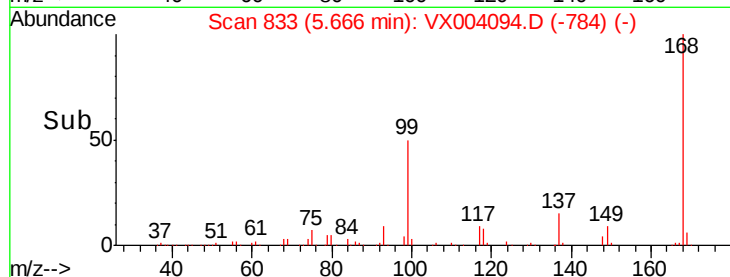
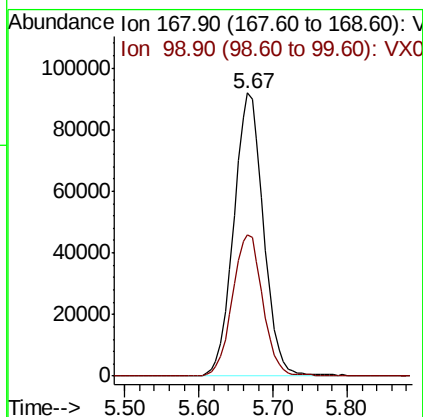
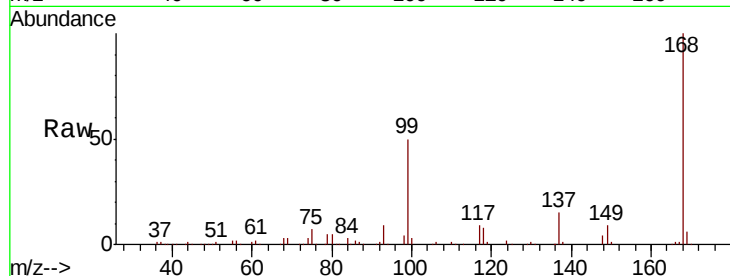




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

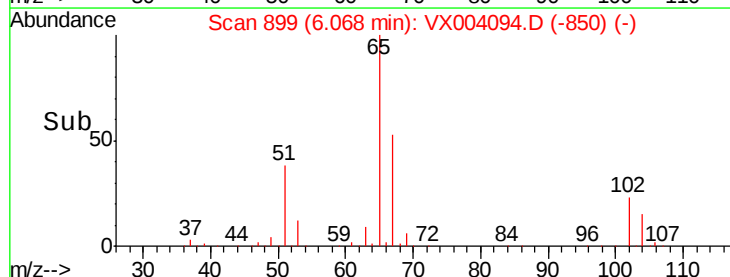
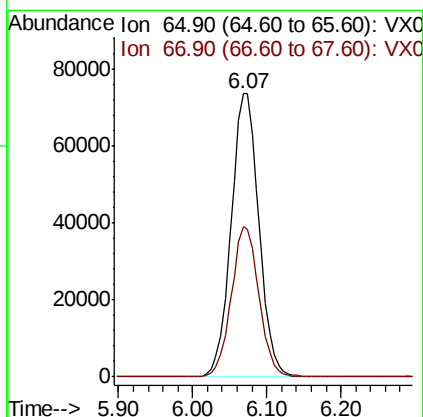
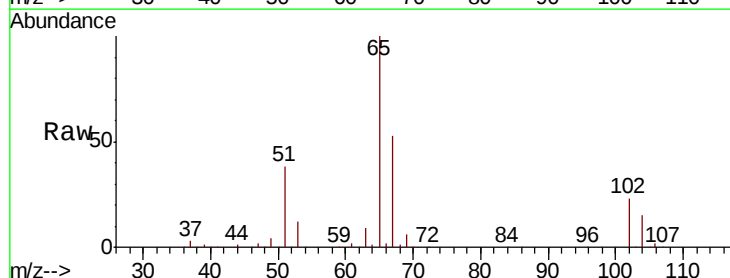
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL02

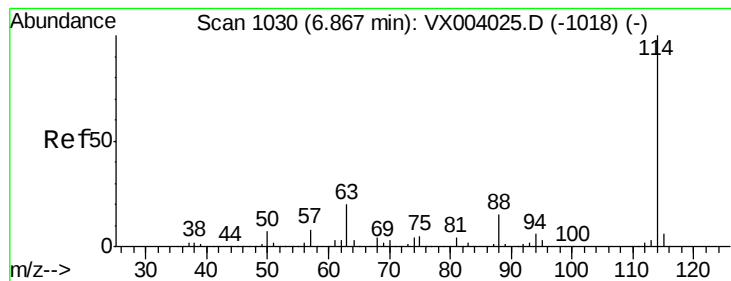
Tot Ion:168 Resp: 257010
Ion Ratio Lower Upper
168 100
99 49.9 40.1 60.1



#33
1,2-Dichloroethane-d4
Concen: 53.08 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

Tgt Ion: 65 Resp: 192200
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004094.D

Acq: 16 Aug 2018 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBL02

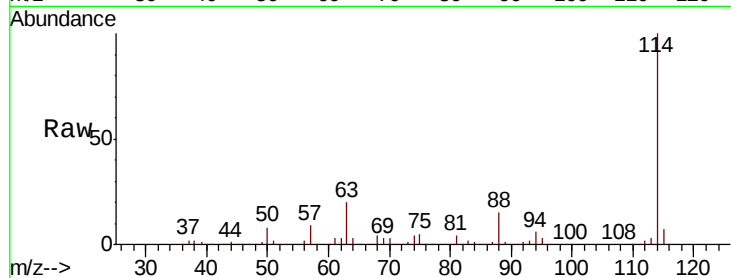
Tot Ion:114 Resp: 399419

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

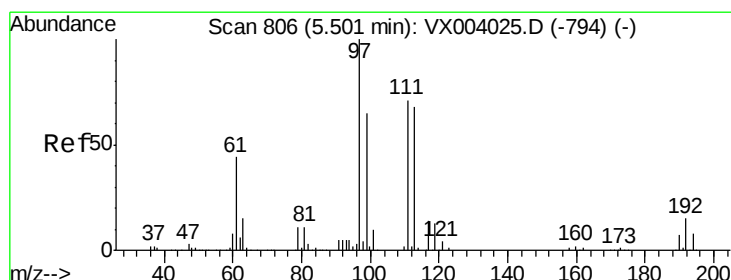
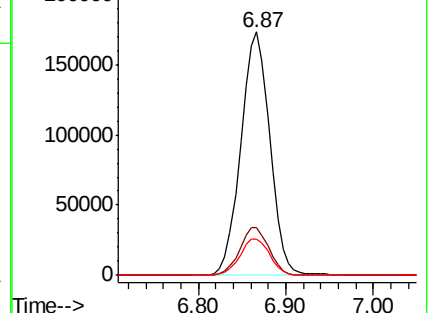
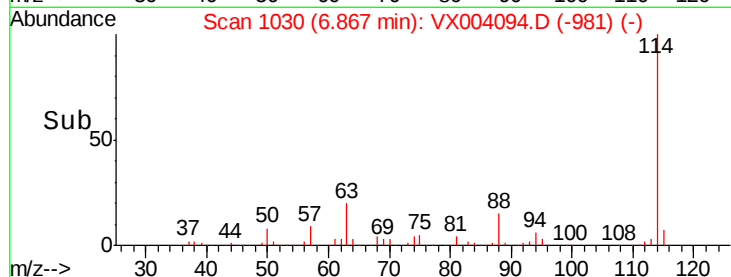
88 14.9 0.0 32.0



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: 52.67 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004094.D

Acq: 16 Aug 2018 01:47

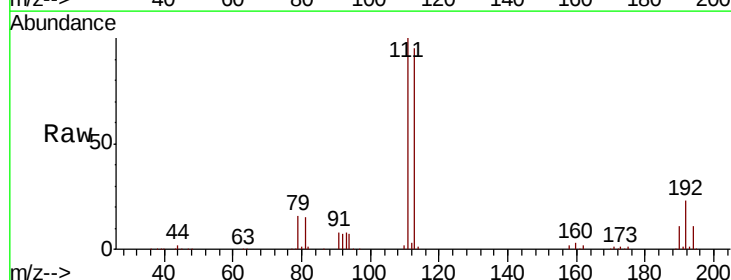
Tgt Ion:113 Resp: 157443

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

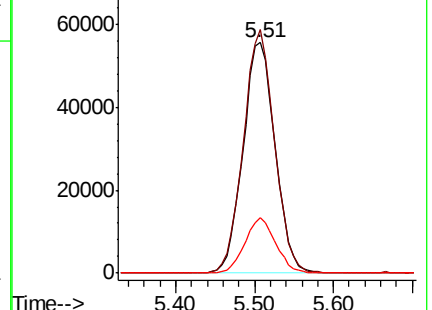
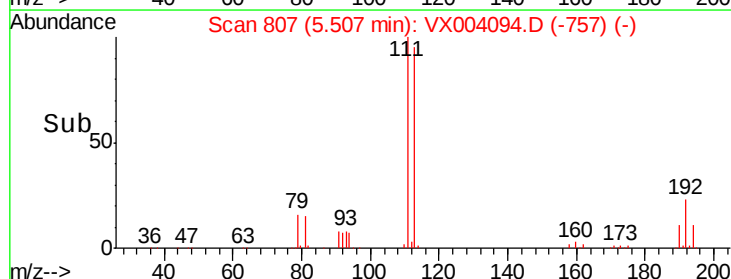
192 22.9 19.0 28.4

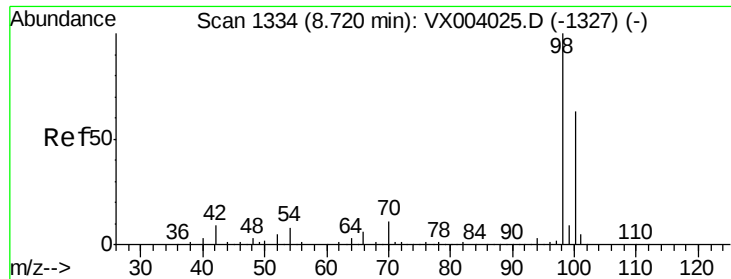


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

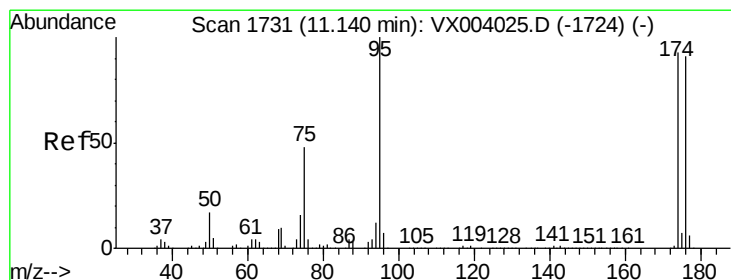
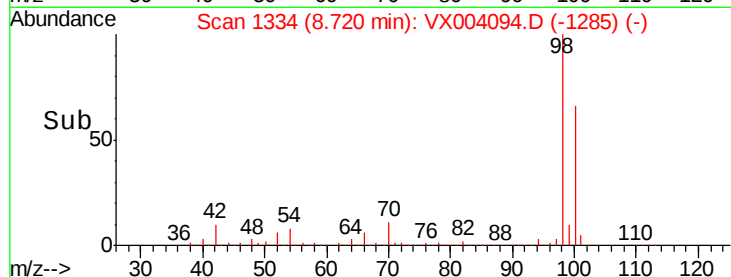
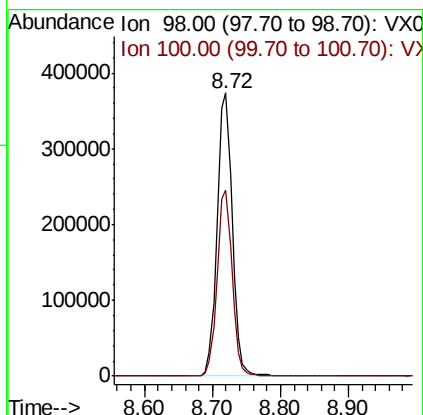
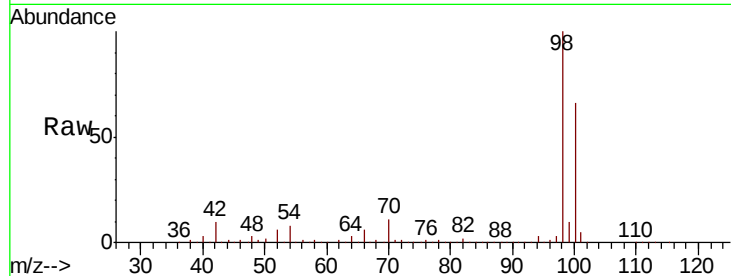




#50
Toluene-d8
Concen: 47.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

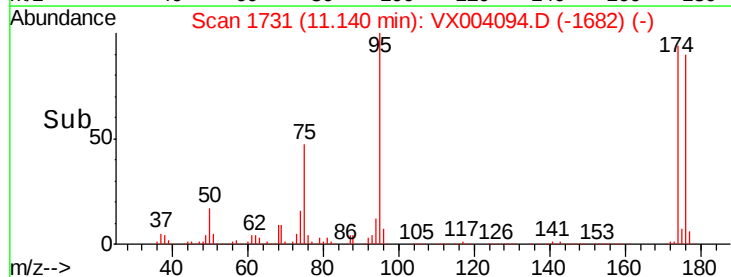
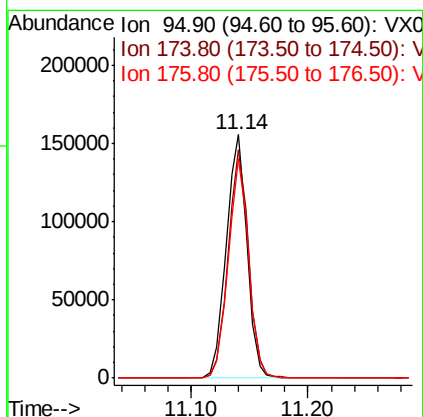
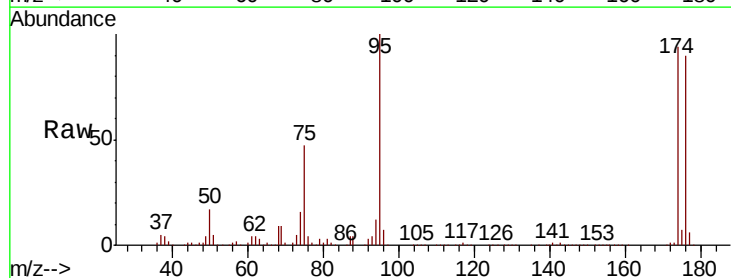
Instrument :
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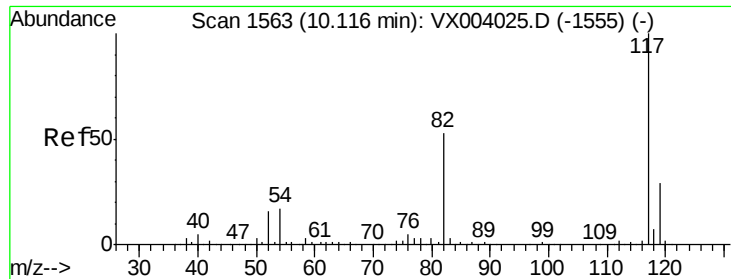
Tot Ion: 98 Resp: 577533
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

Tgt Ion: 95 Resp: 191315
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.8
176 89.2 0.0 179.0

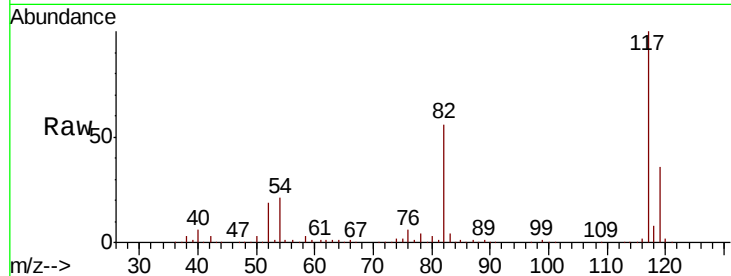




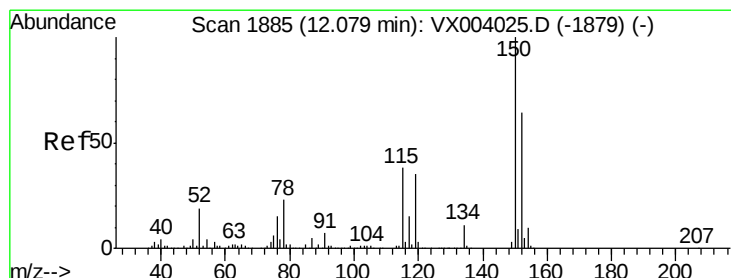
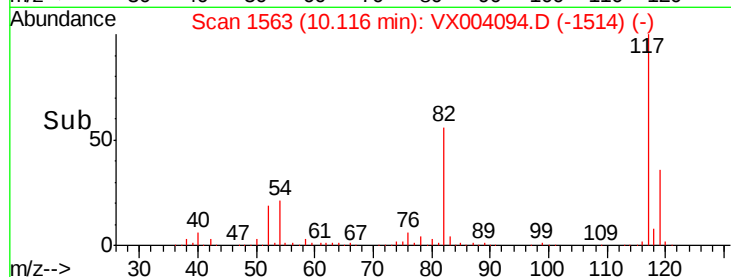
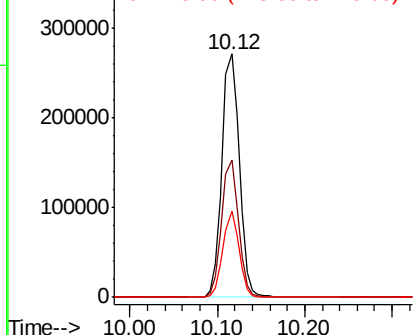
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL02

Tot Ion:117 Resp: 372541
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 35.7 26.6 40.0

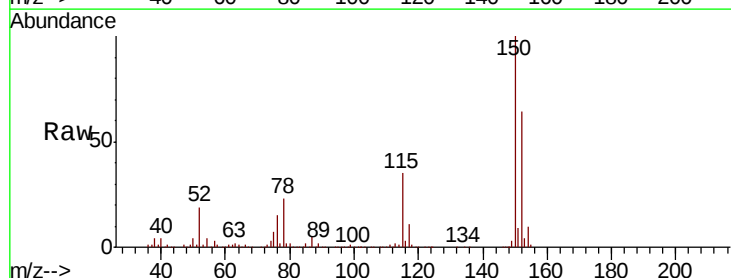


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004094.D
Acq: 16 Aug 2018 01:47

Tgt Ion:152 Resp: 206266
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 156.9 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

