

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009034.D
 Acq On : 18 Apr 2019 11:27
 Operator : JC/SP
 Sample : K2449-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB11-190415

Quant Time: Apr 19 09:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	164238	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.50	113	121480	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.71	98	510415	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	161107	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	

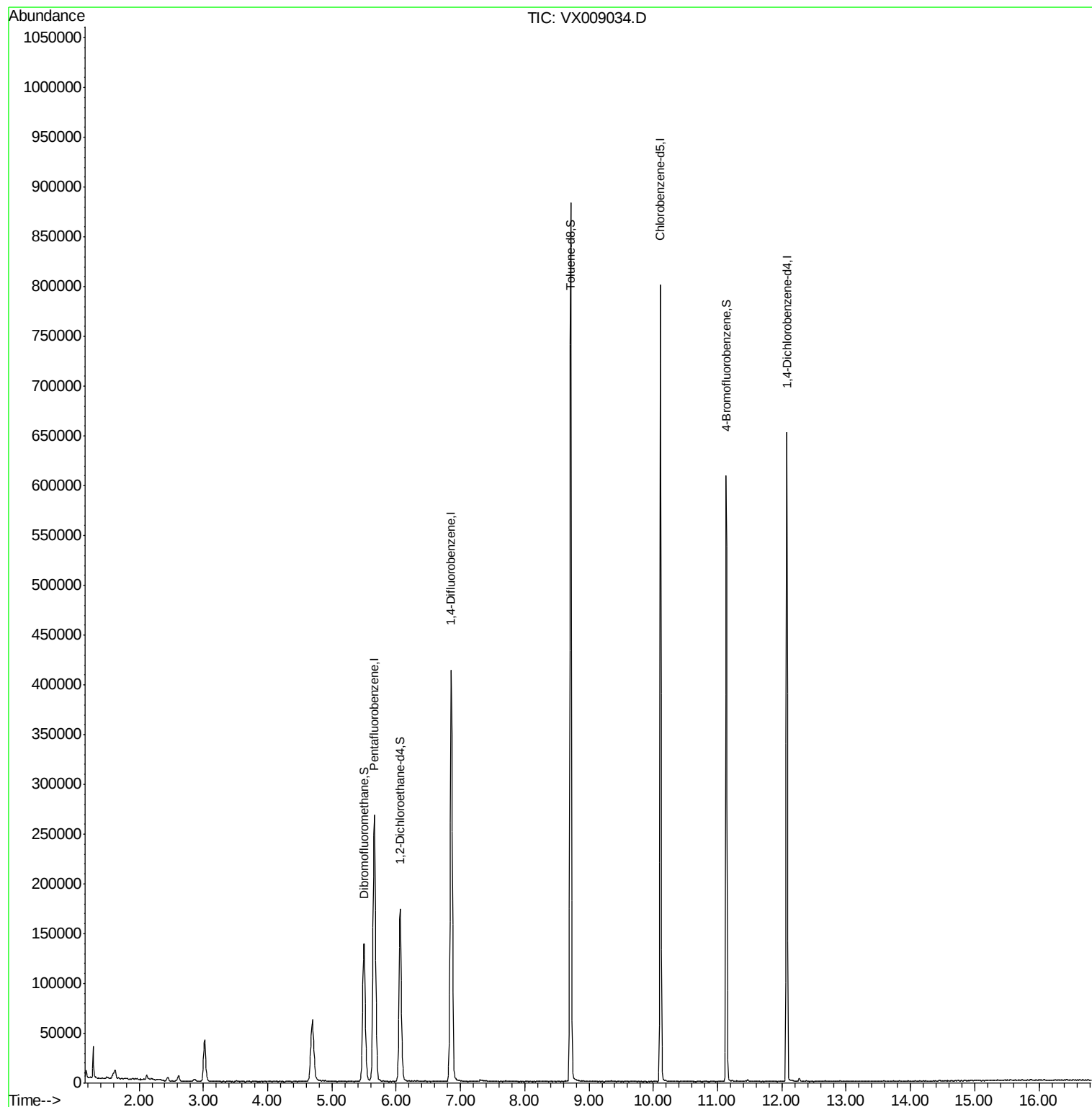
Target Compounds	Qvalue

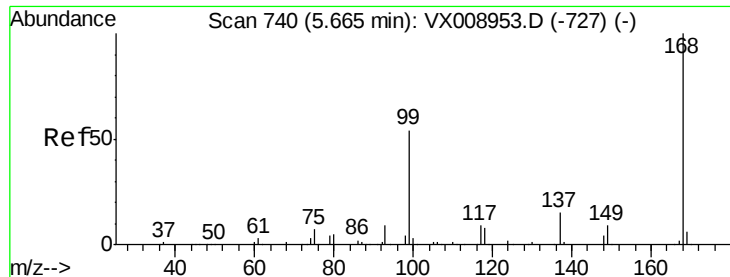
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009034.D

Acq: 18 Apr 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

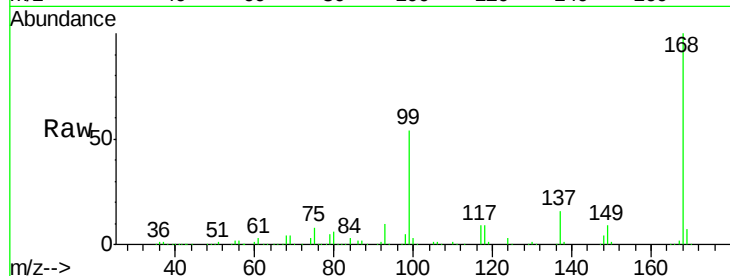
Z3-TB11-190415

Tot Ion:168 Resp: 258033

Ion Ratio Lower Upper

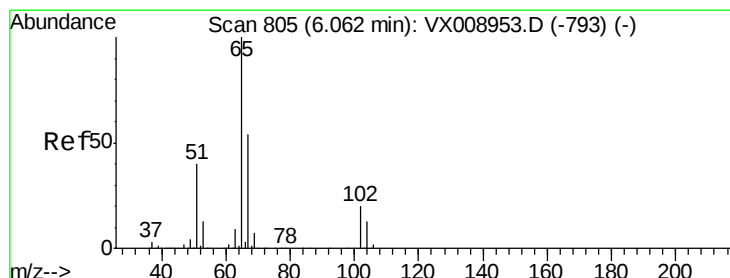
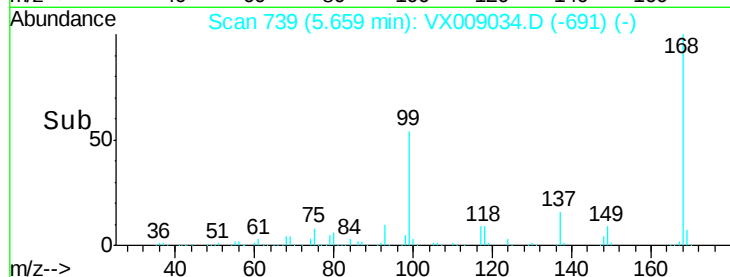
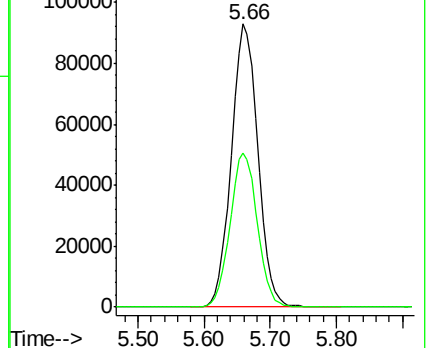
168 100

99 54.2 43.0 64.6



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: 45.165 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009034.D

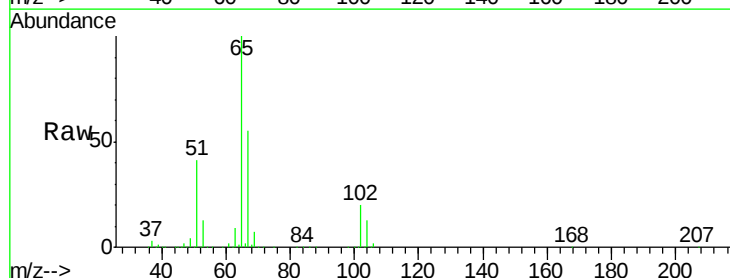
Acq: 18 Apr 2019 11:27

Tgt Ion: 65 Resp: 164238

Ion Ratio Lower Upper

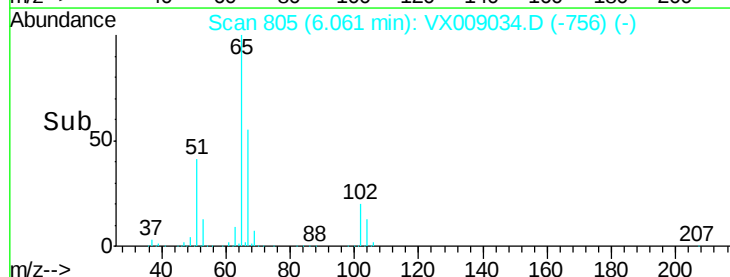
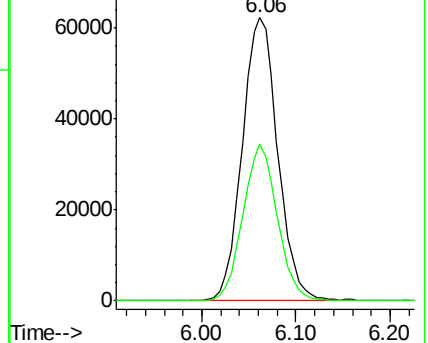
65 100

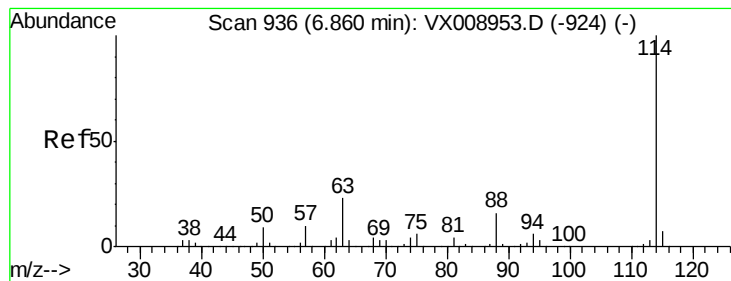
67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009034.D

Acq: 18 Apr 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB11-190415

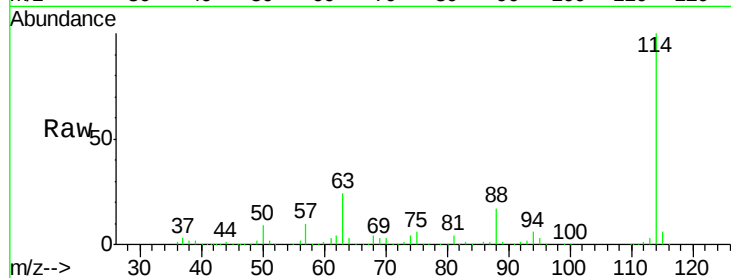
Tot Ion:114 Resp: 406939

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.0

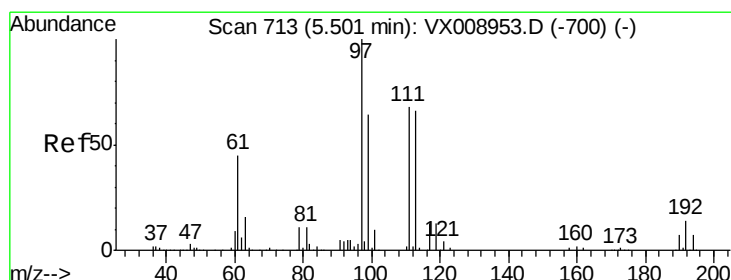
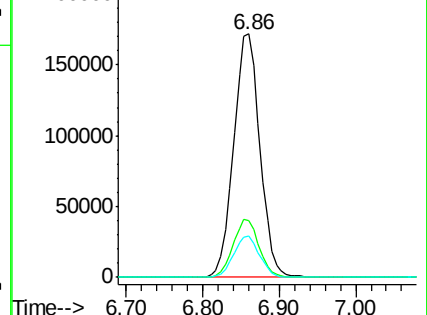
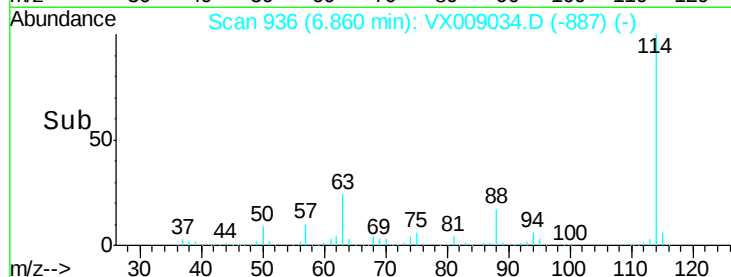
88 17.1 0.0 32.6



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: 46.515 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009034.D

Acq: 18 Apr 2019 11:27

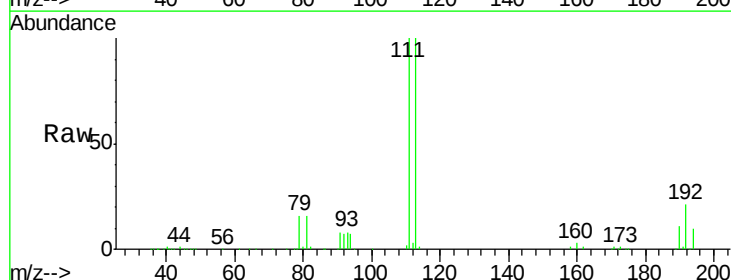
Tgt Ion:113 Resp: 121480

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

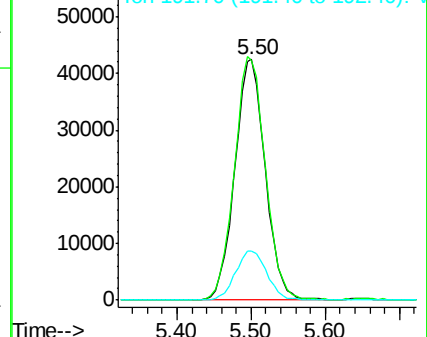
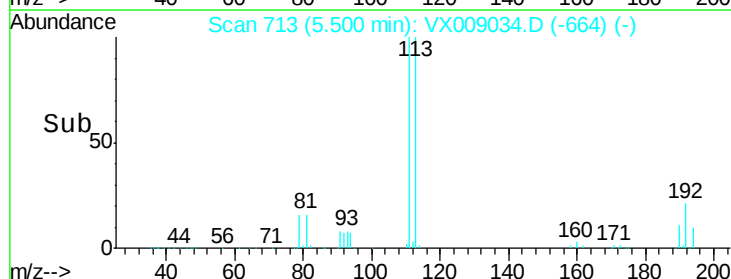
192 21.1 17.4 26.0

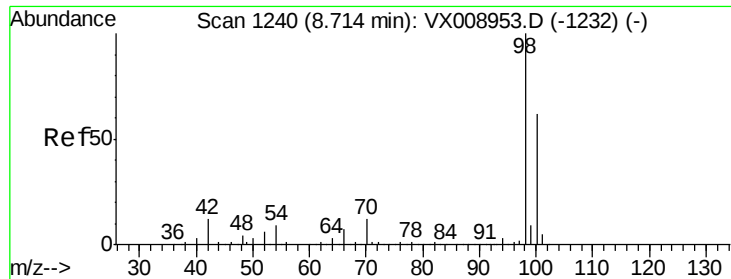


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

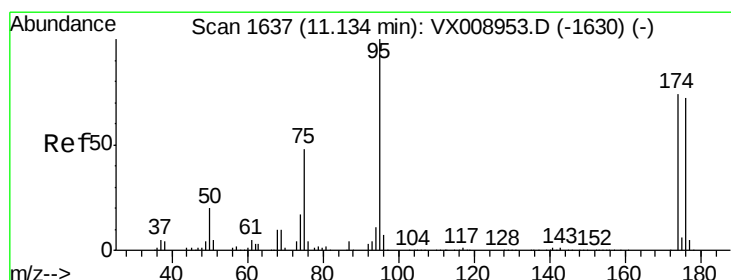
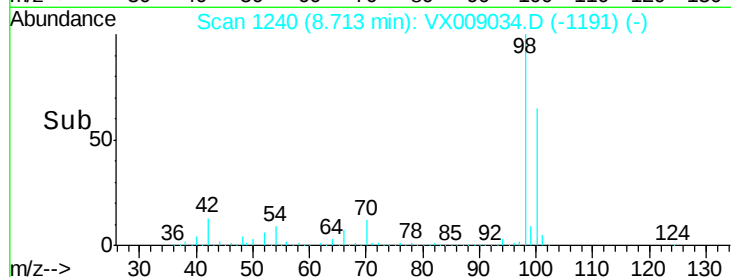
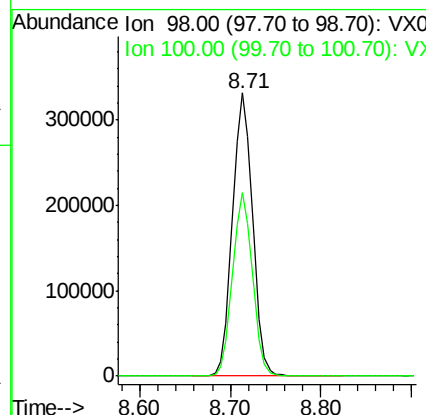
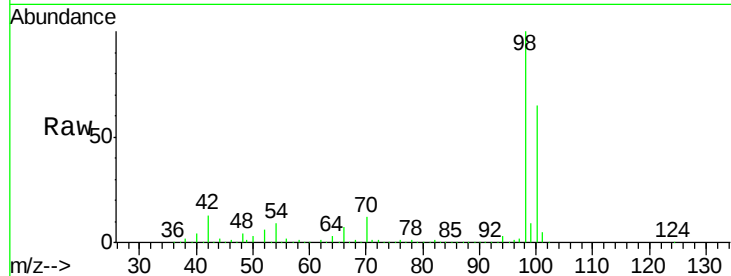




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009034.D
Acq: 18 Apr 2019 11:27

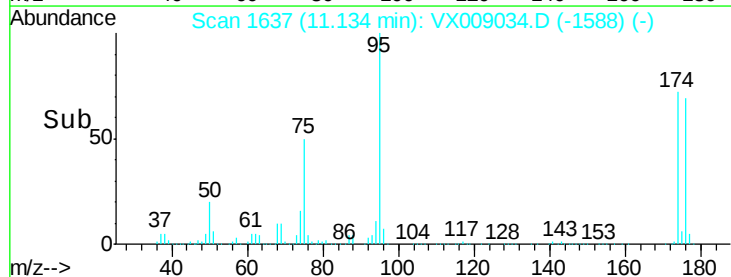
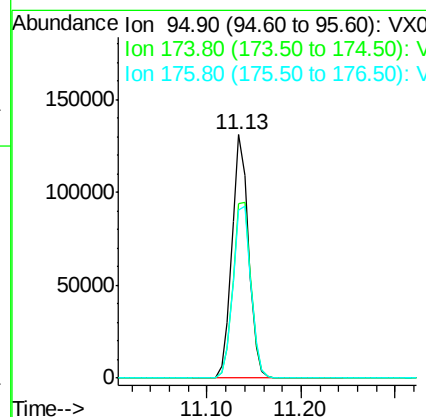
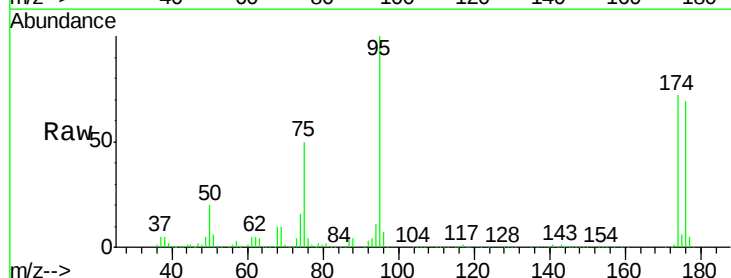
Instrument :
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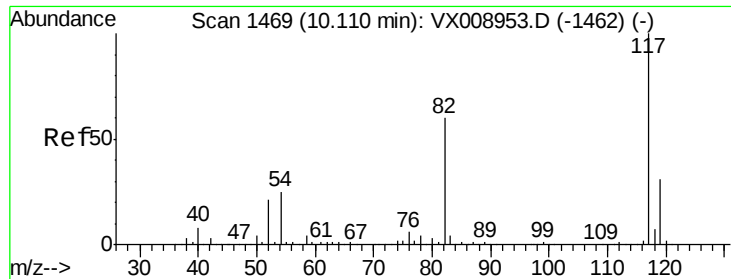
Tot Ion: 98 Resp: 510415
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 43.819 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009034.D
Acq: 18 Apr 2019 11:27

Tgt Ion: 95 Resp: 161107
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.6
176 76.3 0.0 154.8

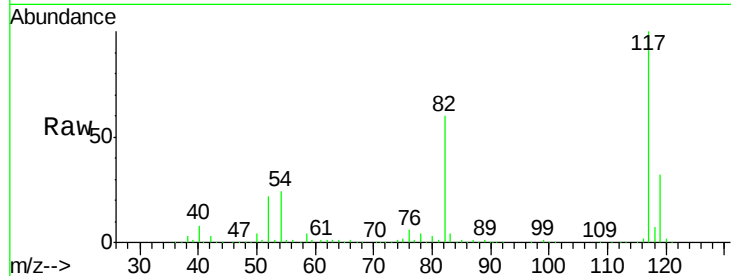




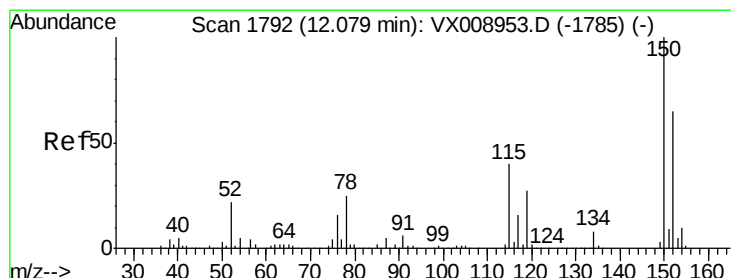
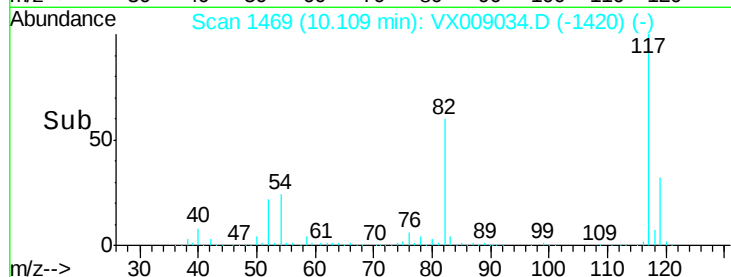
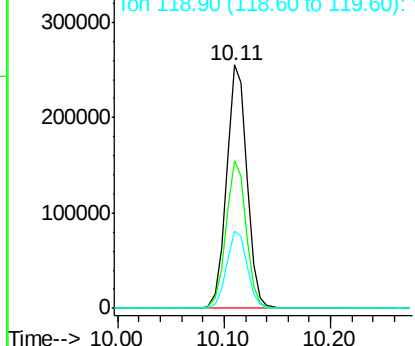
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009034.D
Acq: 18 Apr 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB11-190415

Tot Ion:117 Resp: 342254
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 31.8 25.0 37.6

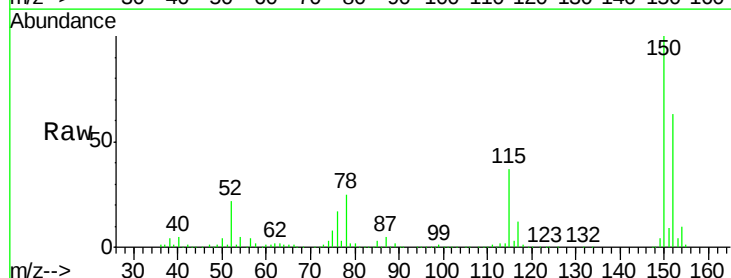


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009034.D
Acq: 18 Apr 2019 11:27

Tgt Ion:152 Resp: 134348
Ion Ratio Lower Upper
152 100
115 59.6 41.4 124.2
150 157.6 0.0 349.8



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

