

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009125.D
 Acq On : 23 Apr 2019 16:50
 Operator : JC/SP
 Sample : K2537-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0513-190422

Quant Time: Apr 24 08:36:25 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	5.67	168	224878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151690	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	112071	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	447164	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	140377	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	

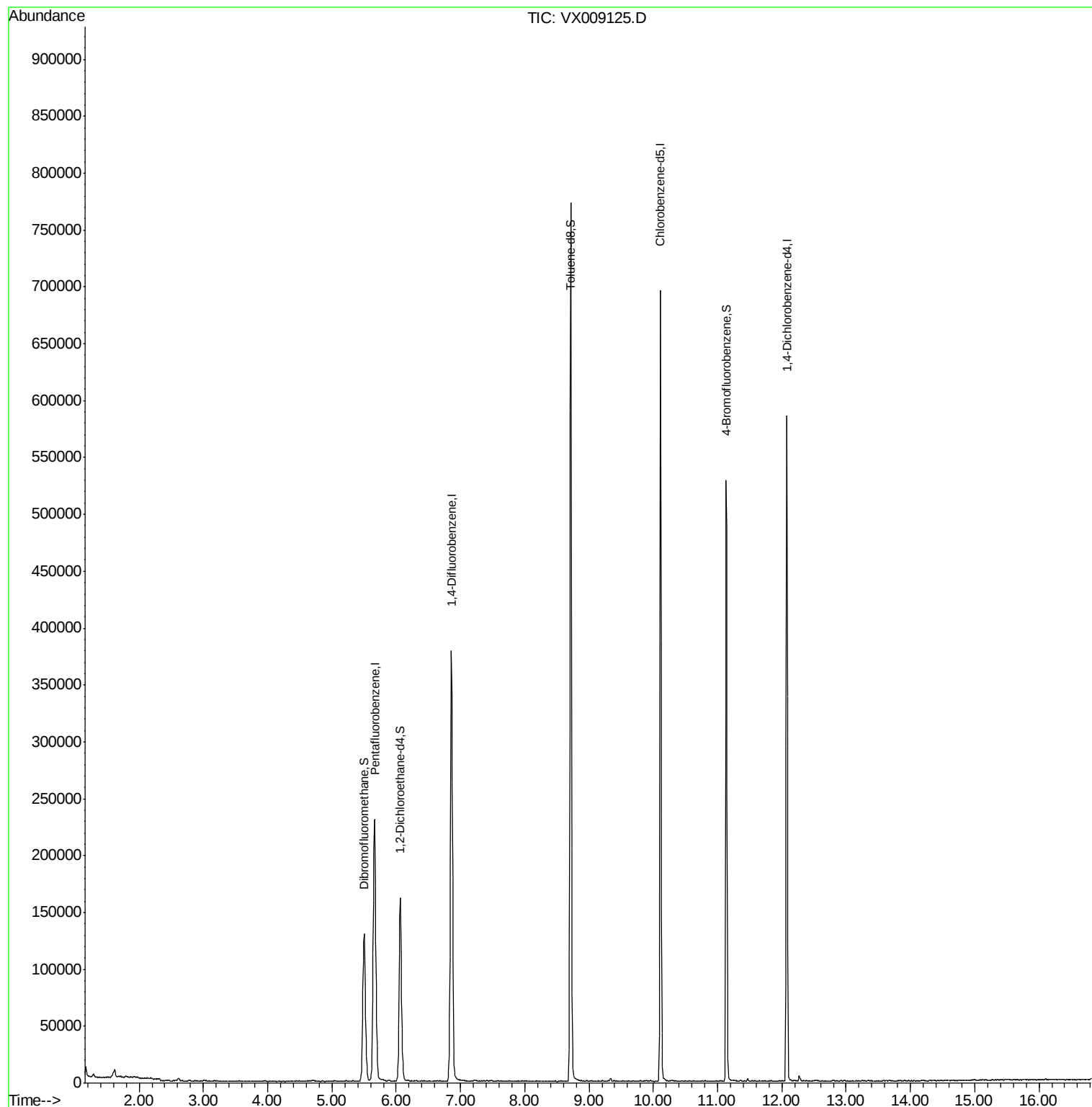
Target Compounds	Qvalue

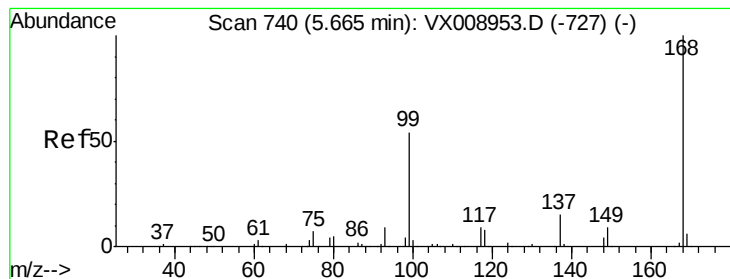
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009125.D

Acq: 23 Apr 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

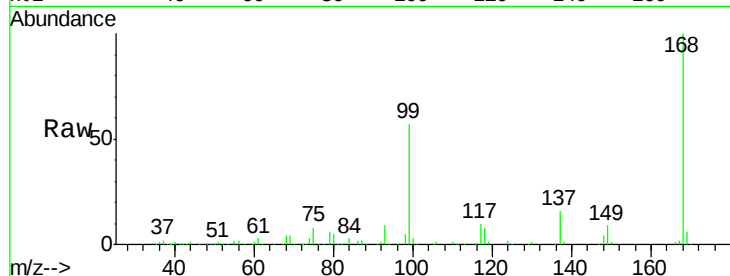
DUP-0513-190422

Tot Ion:168 Resp: 224878

Ion Ratio Lower Upper

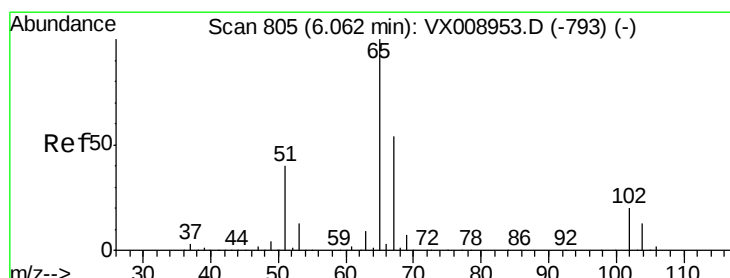
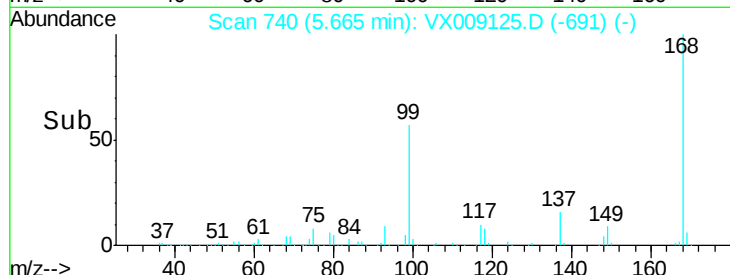
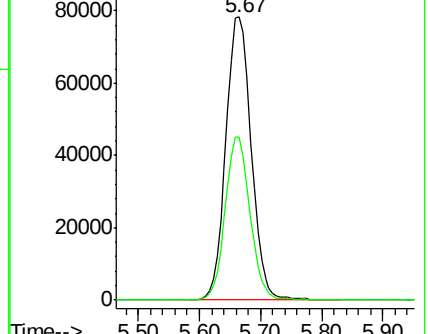
168 100

99 57.5 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: 47.864 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009125.D

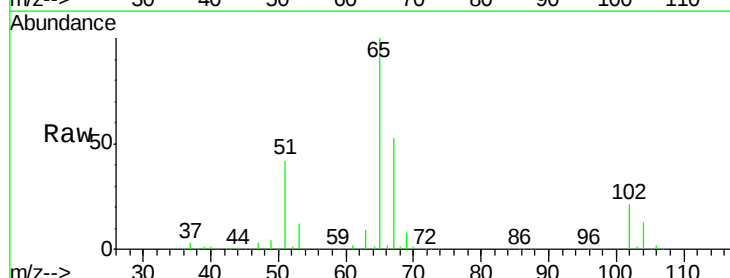
Acq: 23 Apr 2019 16:50

Tgt Ion: 65 Resp: 151690

Ion Ratio Lower Upper

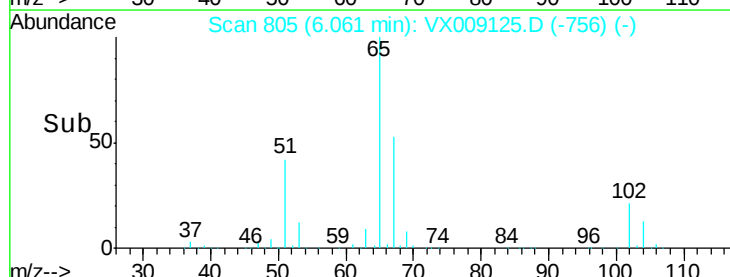
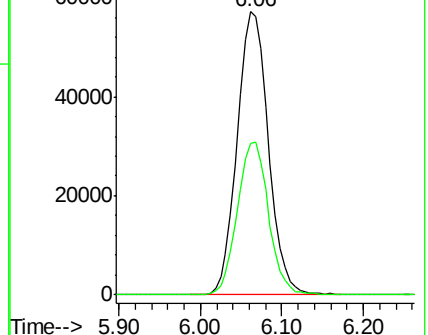
65 100

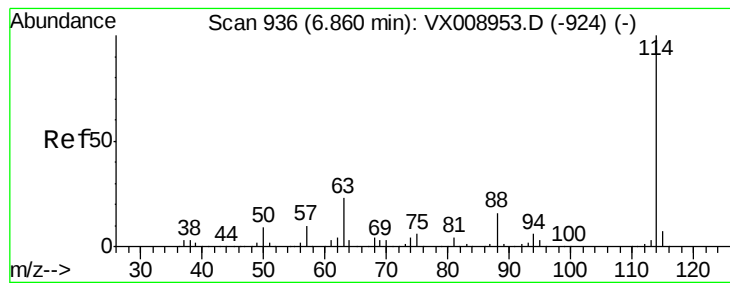
67 53.9 0.0 108.6



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: VX009125.D

Acq: 23 Apr 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-0513-190422

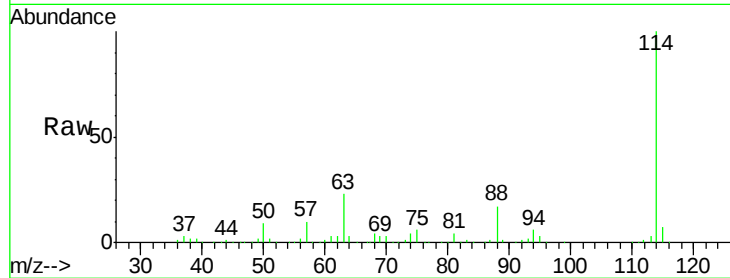
Tot Ion:114 Resp: 365850

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

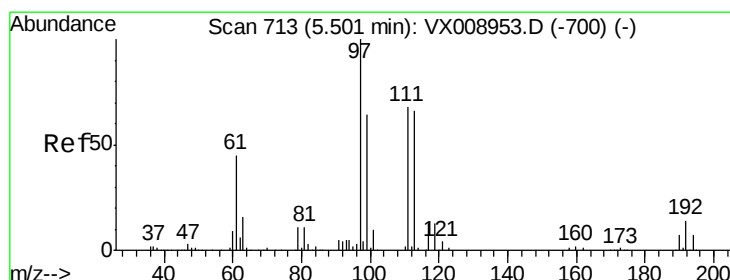
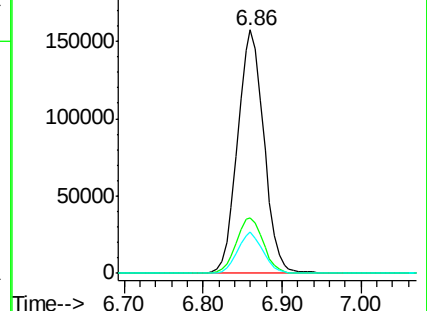
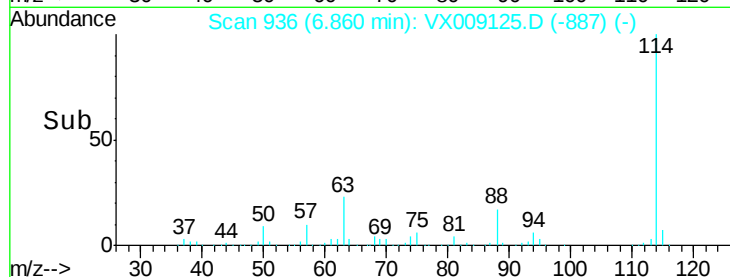
88 17.0 0.0 32.6



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: 47.732 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009125.D

Acq: 23 Apr 2019 16:50

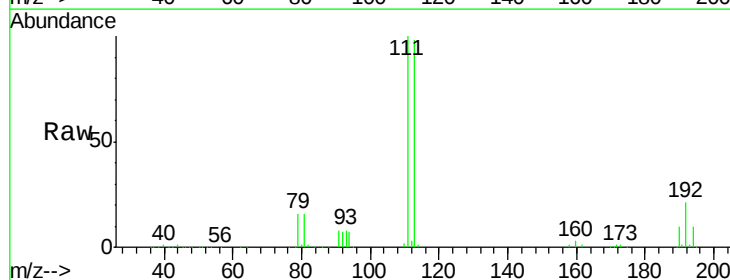
Tgt Ion:113 Resp: 112071

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

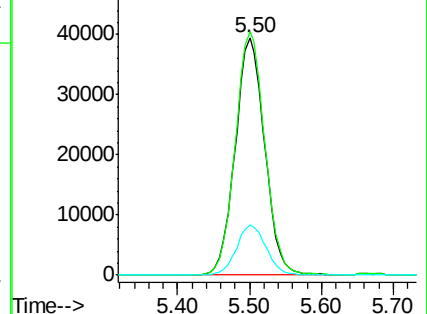
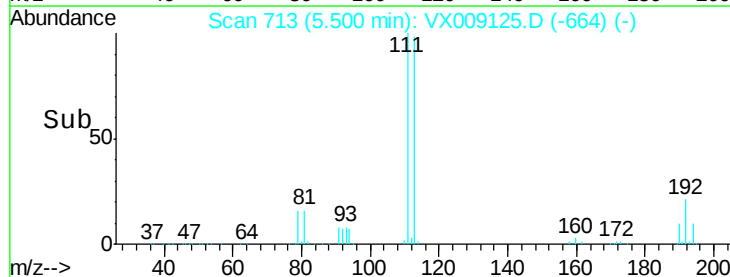
192 21.2 17.4 26.0

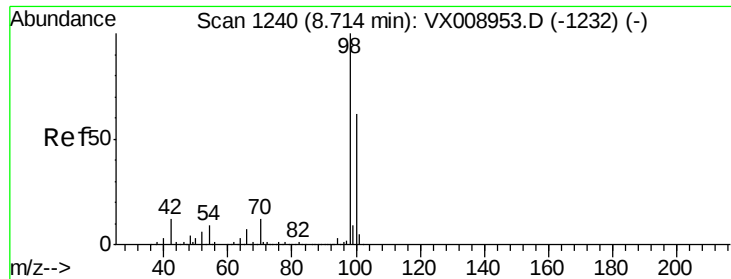


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

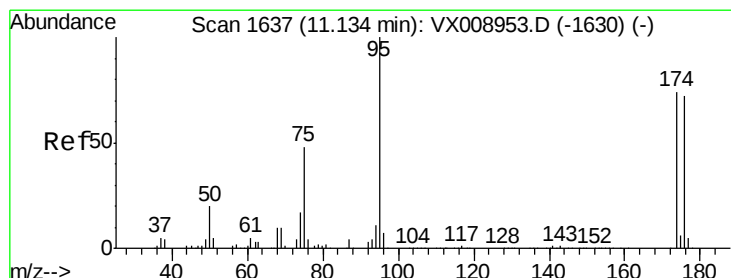
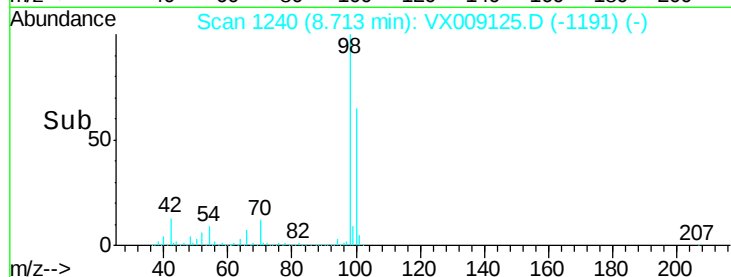
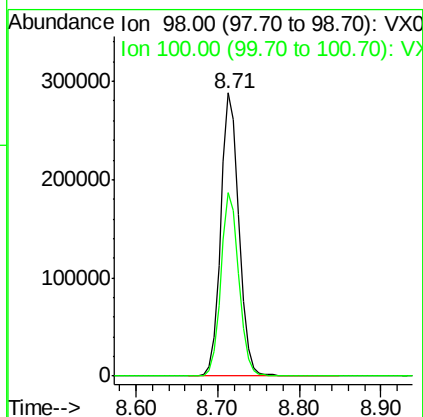
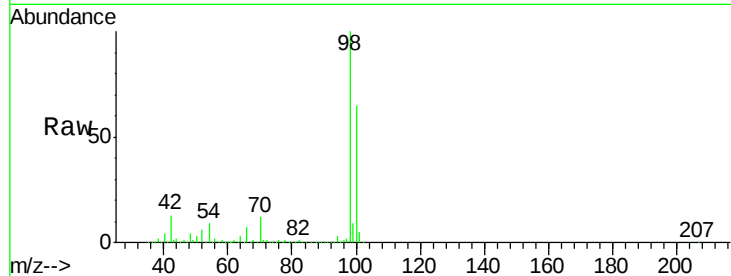




#50
Toluene-d8
Concen: 47.755 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009125.D
Acq: 23 Apr 2019 16:50

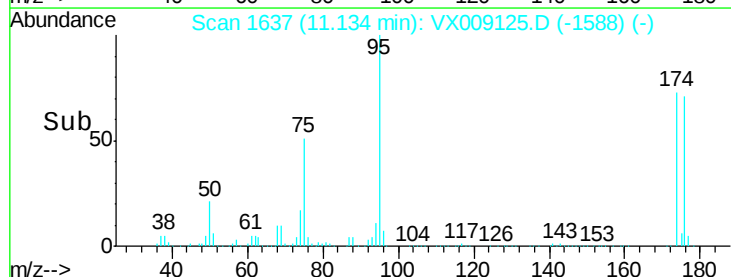
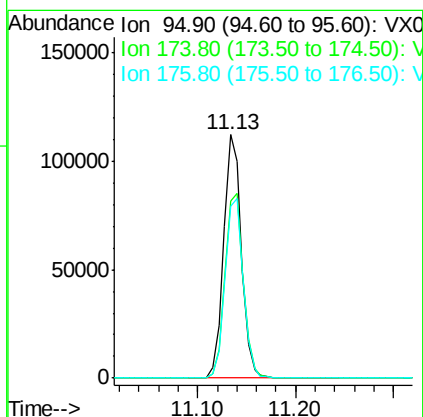
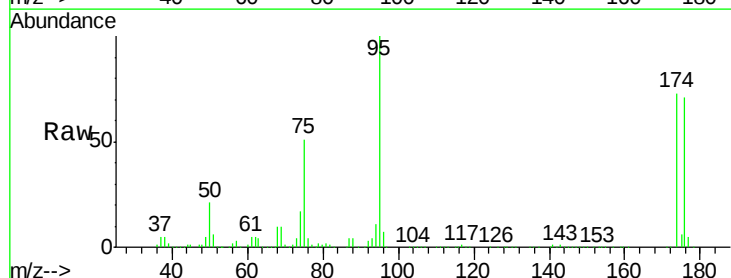
Instrument :
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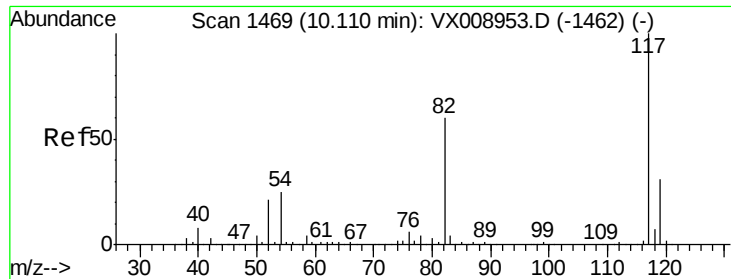
Tot Ion: 98 Resp: 447164
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 42.469 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009125.D
Acq: 23 Apr 2019 16:50

Tgt Ion: 95 Resp: 140377
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.6
176 76.6 0.0 154.8

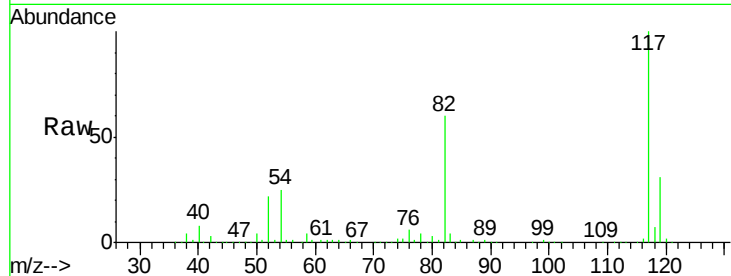




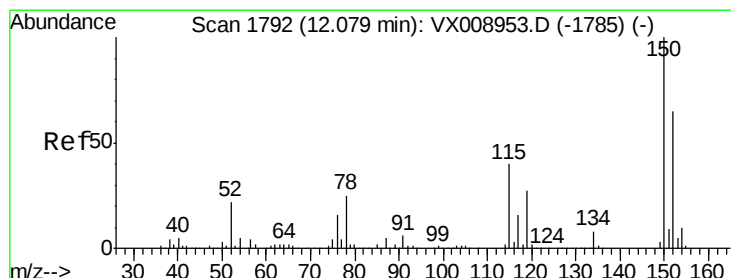
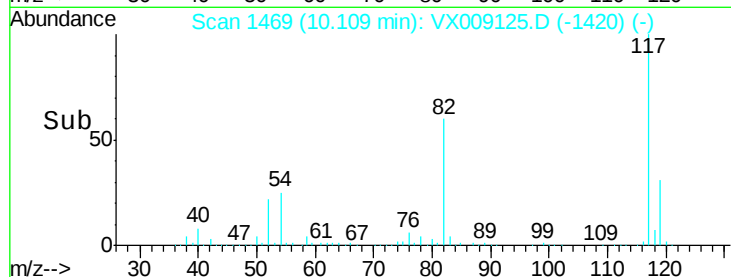
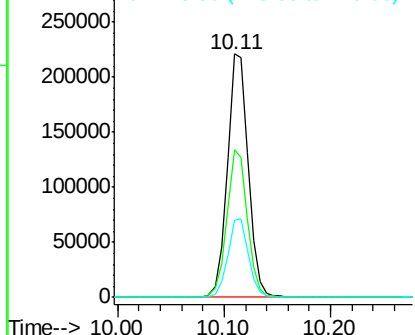
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009125.D
Acq: 23 Apr 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
DUP-0513-190422

Tot Ion:117 Resp: 303686
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 31.5 25.0 37.6

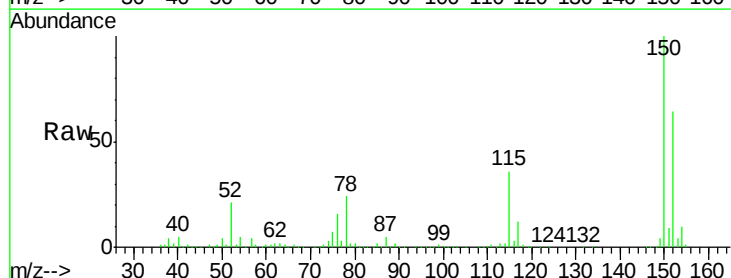


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009125.D
Acq: 23 Apr 2019 16:50

Tgt Ion:152 Resp: 118634
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 157.9 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

