

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009042.D
 Acq On : 18 Apr 2019 14:34
 Operator : JC/SP
 Sample : K2449-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

Quant Time: Apr 19 09:20:41 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

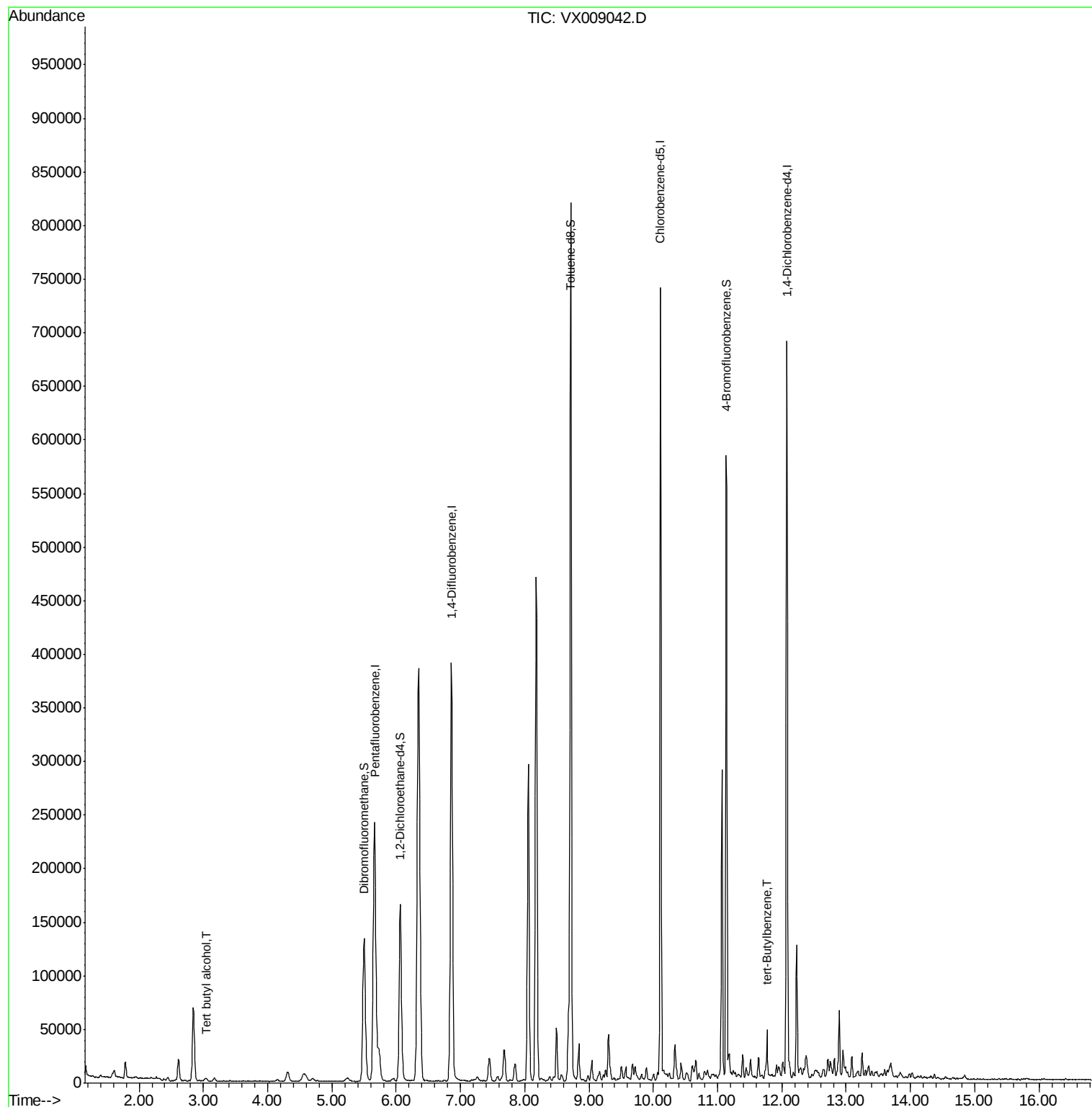
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	156163	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	113538	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.71	98	476937	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	157639	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	3469	4.708	ug/l	95
83) tert-Butylbenzene	11.77	119	16225	1.927	ug/l	89

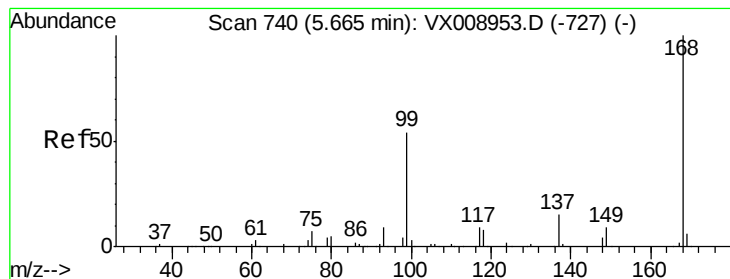
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

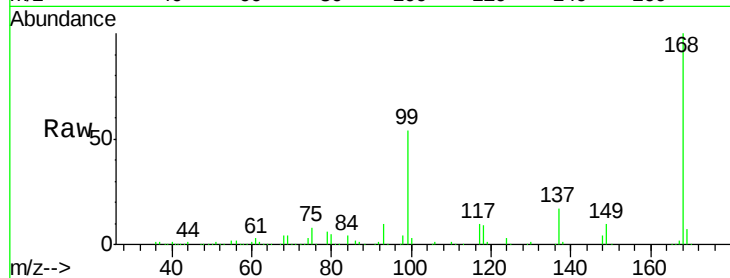
SS040MW015-190415

Tot Ion:168 Resp: 235562

Ion Ratio Lower Upper

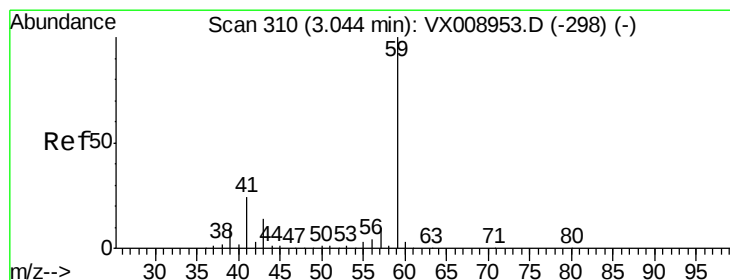
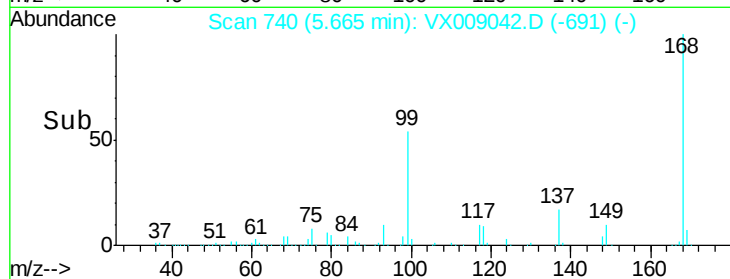
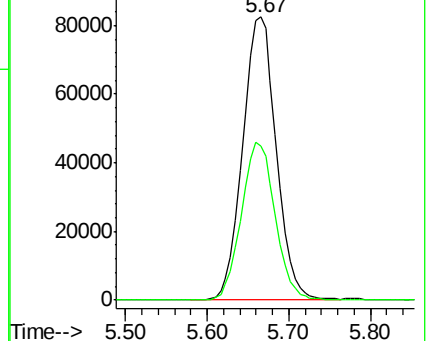
168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.708 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX009042.D

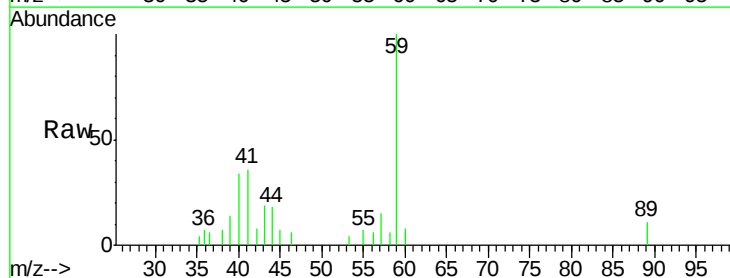
Acq: 18 Apr 2019 14:34

Tgt Ion: 59 Resp: 3469

Ion Ratio Lower Upper

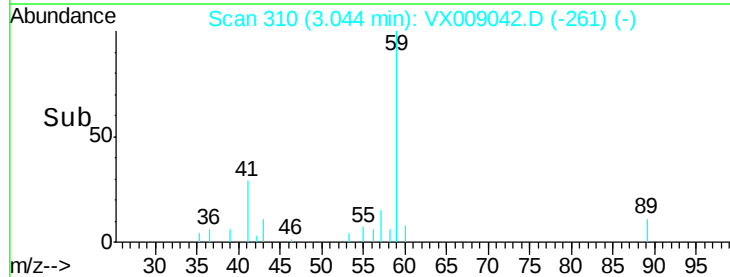
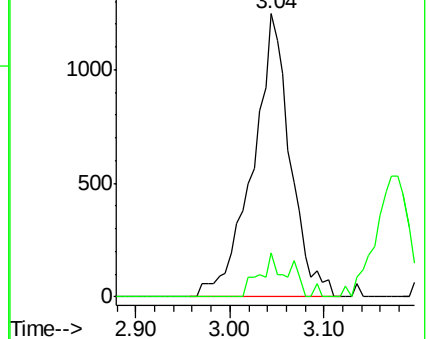
59 100

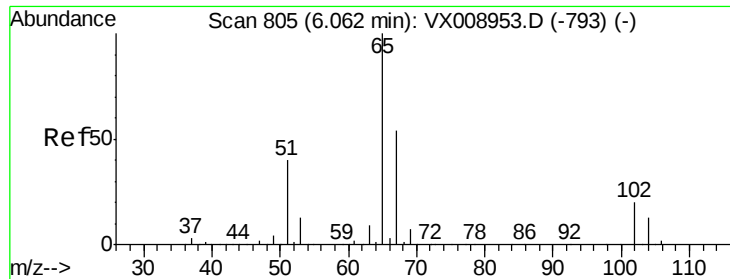
57 8.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.041 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

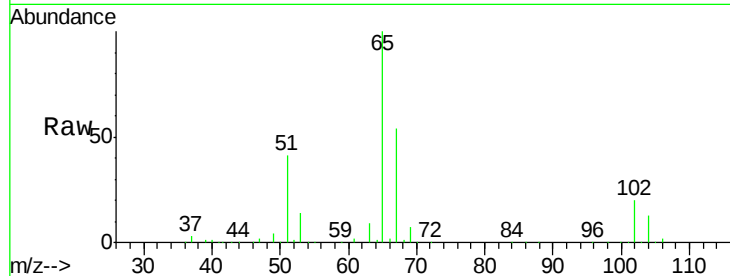
SS040MW015-190415

Tot Ion: 65 Resp: 156163

Ion Ratio Lower Upper

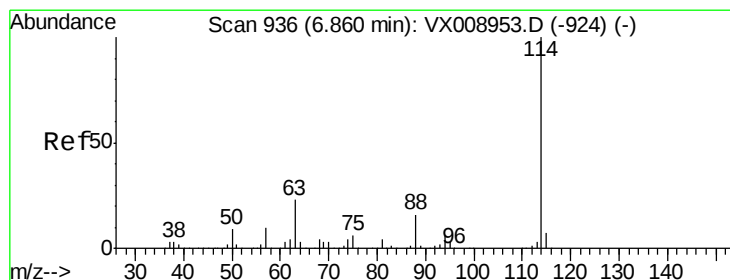
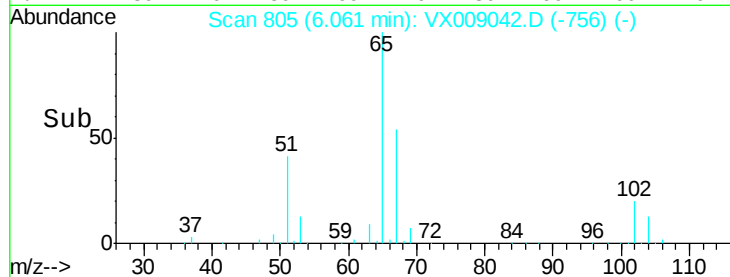
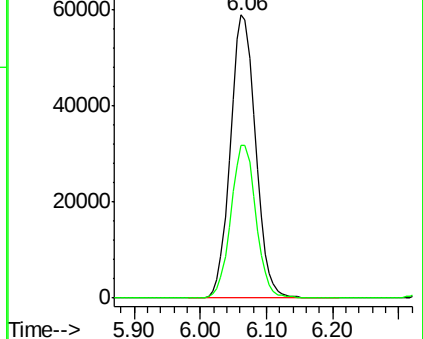
65 100

67 53.7 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: VX009042.D

Acq: 18 Apr 2019 14:34

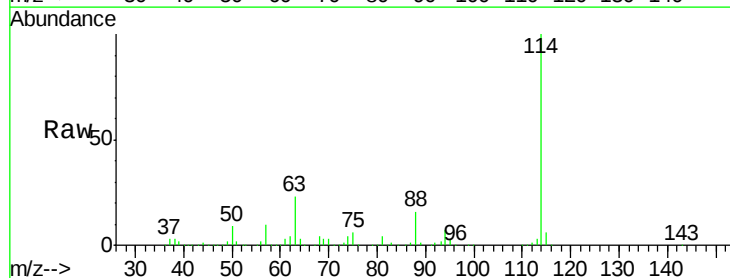
Tgt Ion:114 Resp: 380616

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.0

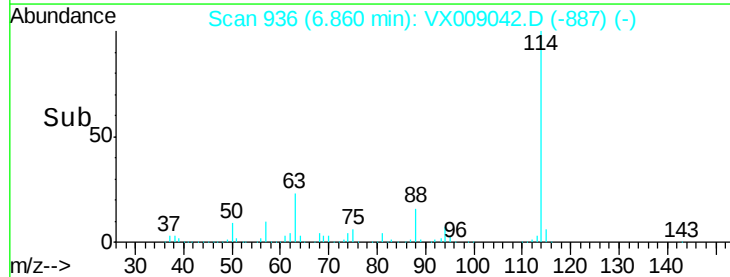
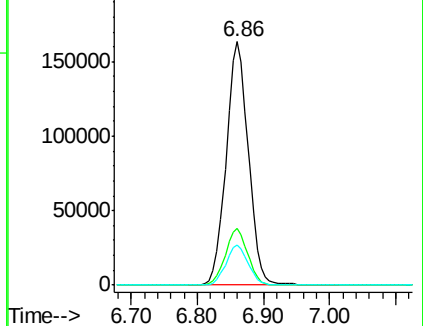
88 16.3 0.0 32.6

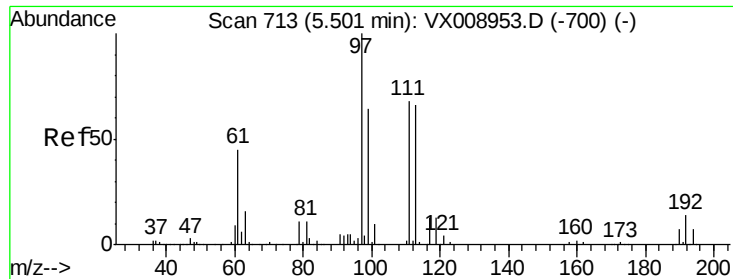


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

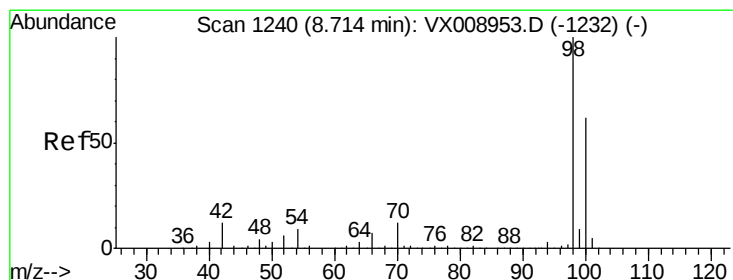
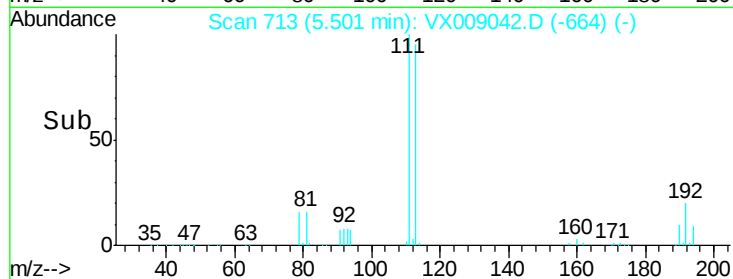
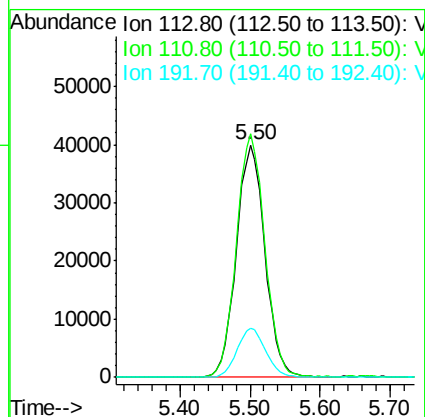
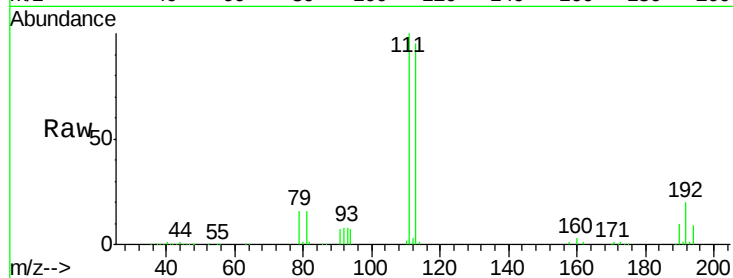




#35
 Dibromofluoromethane
 Concen: 46.480 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

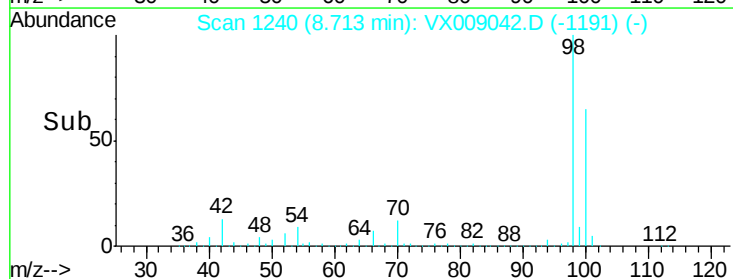
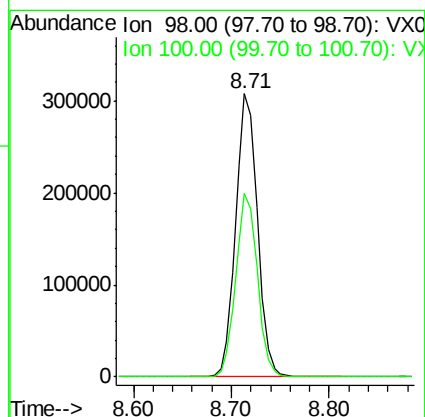
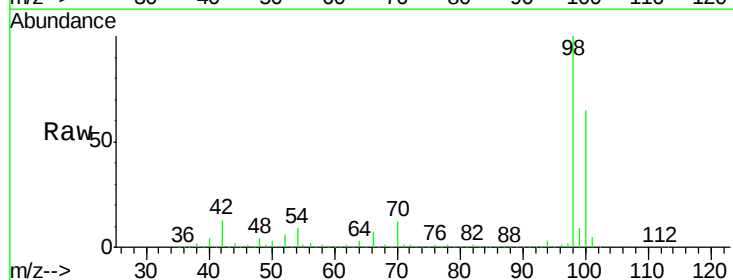
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

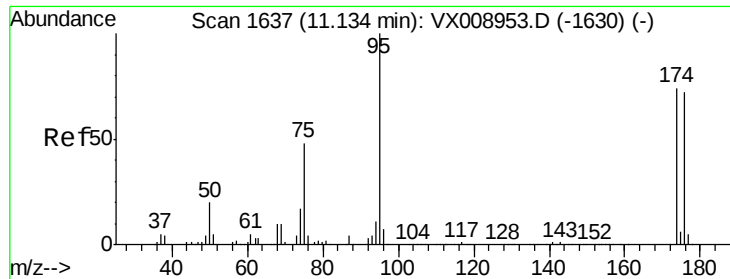
Tot Ion:113 Resp: 113538
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 21.2 17.4 26.0



#50
 Toluene-d8
 Concen: 48.959 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Tgt Ion: 98 Resp: 476937
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 45.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW015-190415

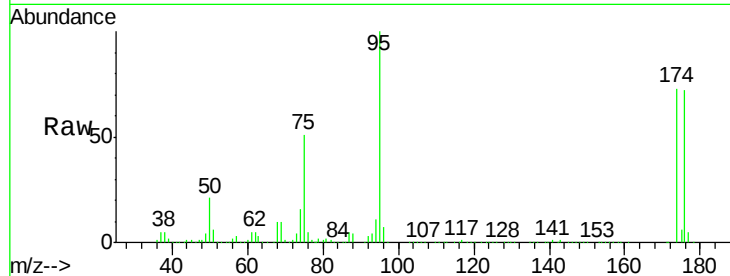
Tot Ion: 95 Resp: 157639

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.6

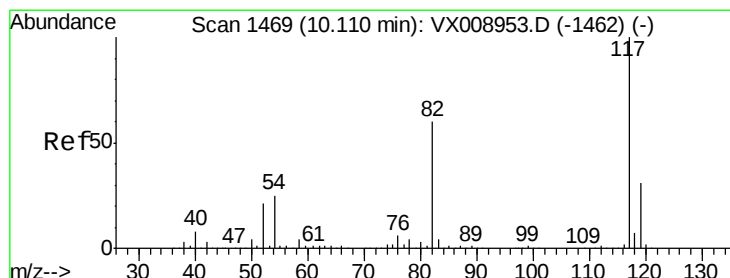
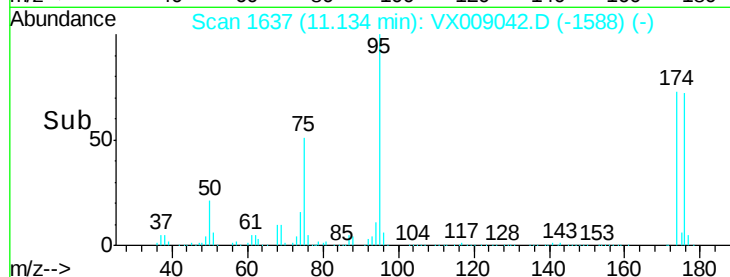
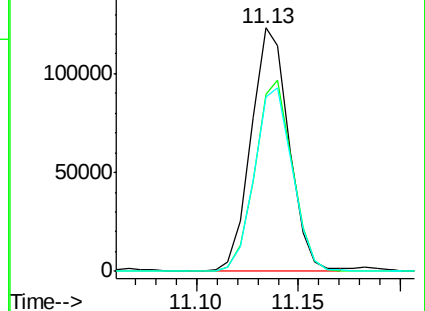
176 76.5 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

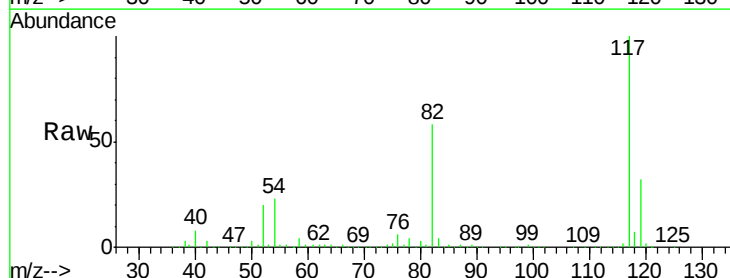
Tgt Ion: 117 Resp: 326939

Ion Ratio Lower Upper

117 100

82 57.7 48.2 72.4

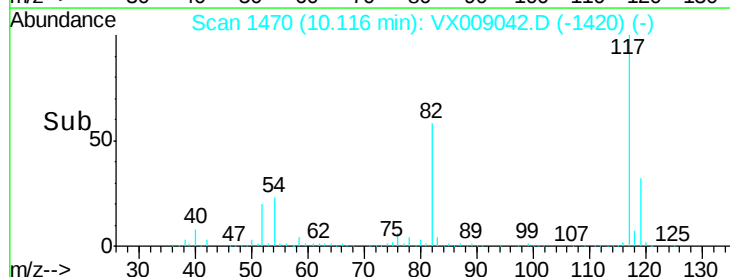
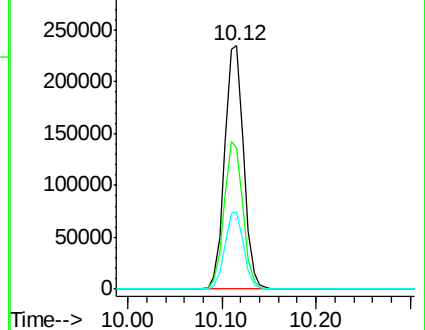
119 31.9 25.0 37.6

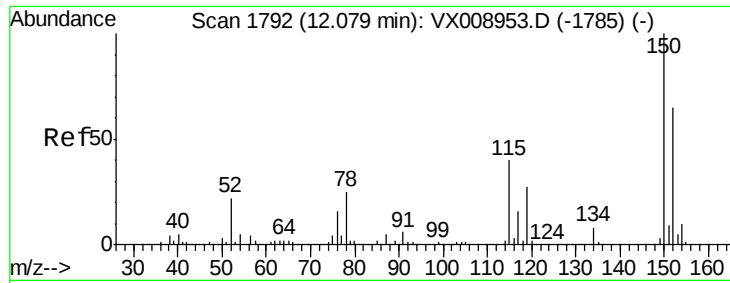


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)



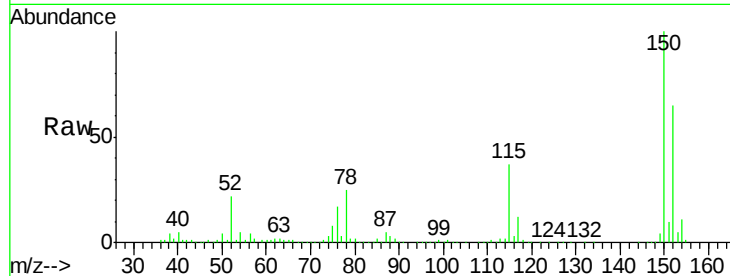


#72

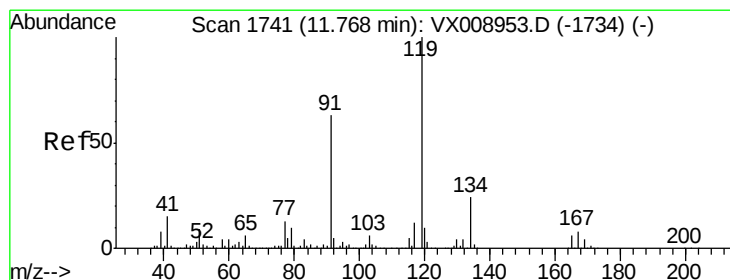
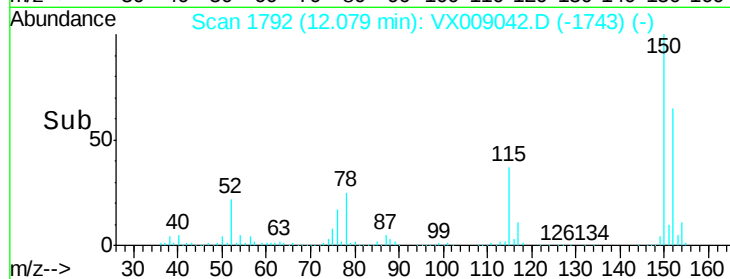
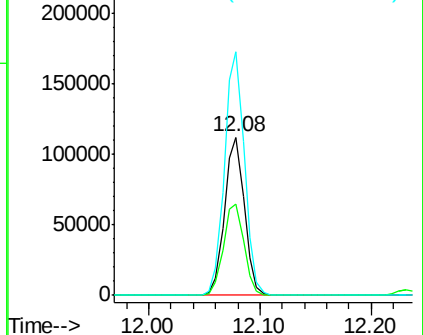
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion:152 Resp: 137867
Ion Ratio Lower Upper
152 100
115 60.2 41.4 124.2
150 154.8 0.0 349.8



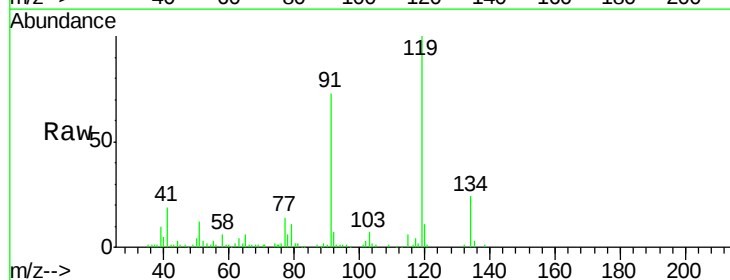
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene
Concen: 1.927 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion:119 Resp: 16225
Ion Ratio Lower Upper
119 100
91 70.5 29.7 89.1
134 23.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

