

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009024.D
 Acq On : 17 Apr 2019 18:54
 Operator : JC/SP
 Sample : K2449-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-190415

Quant Time: Apr 18 03:45:48 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

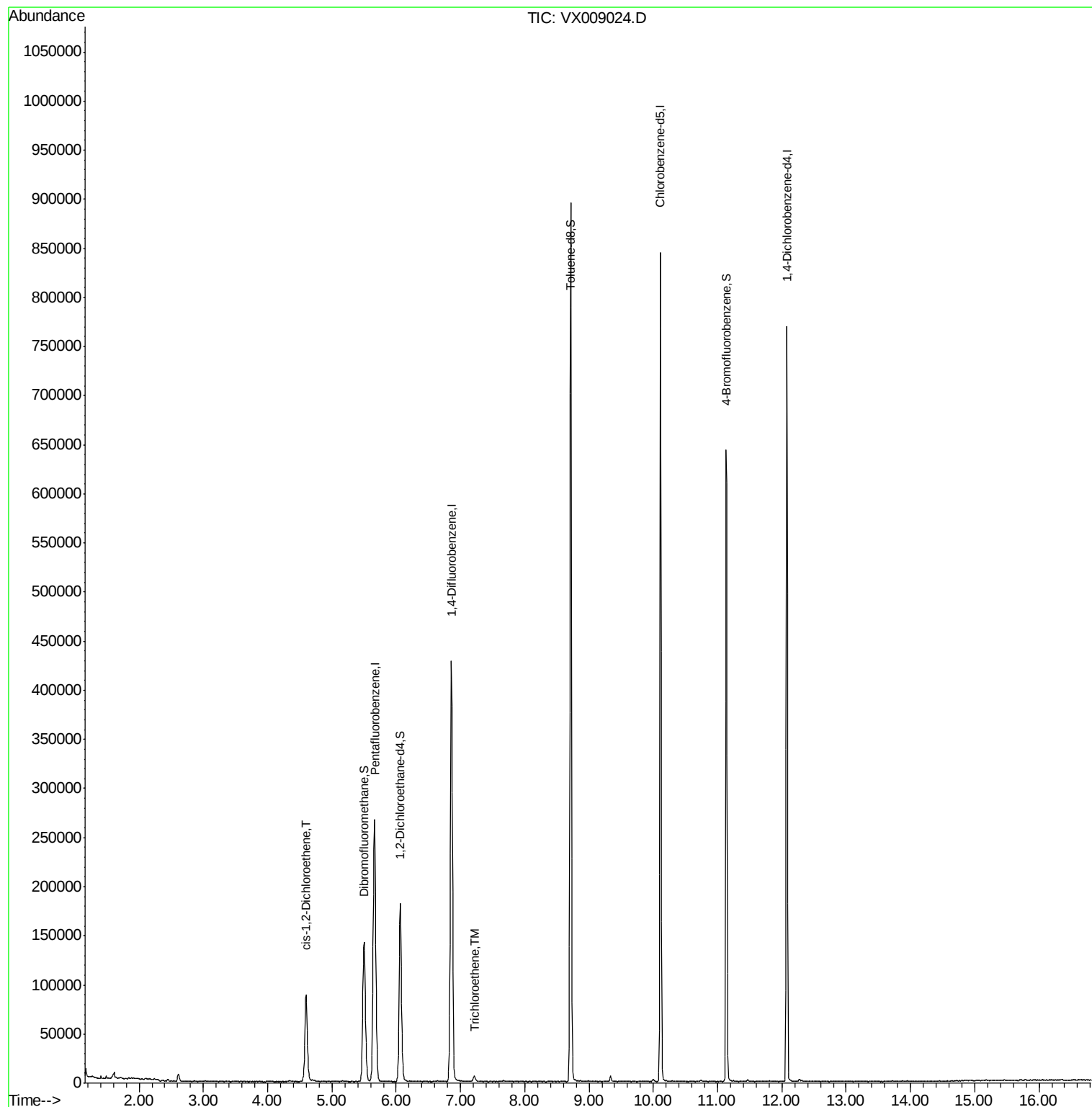
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169750	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	5.50	113	124566	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	8.71	98	514884	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.13	95	174616	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	54471	16.119	ug/l	92
44) Trichloroethene	7.22	130	2106	0.676	ug/l	90

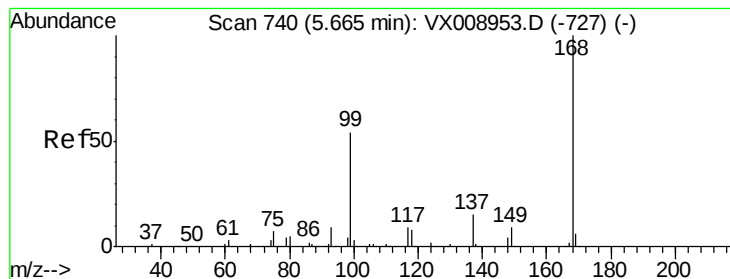
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009024.D

Acq: 17 Apr 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

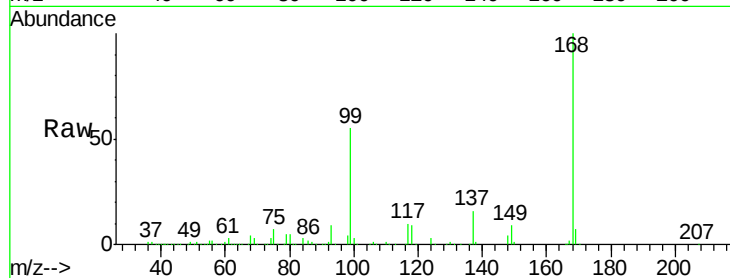
SS042MW032-190415

Tot Ion:168 Resp: 260218

Ion Ratio Lower Upper

168 100

99 55.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

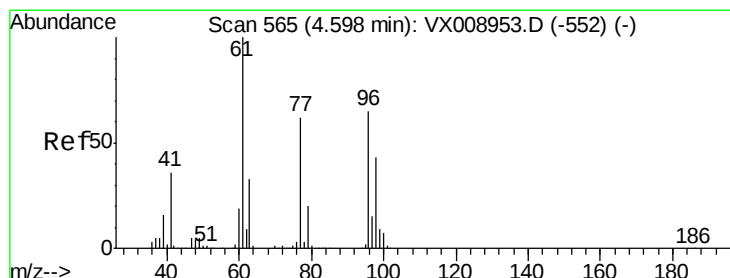
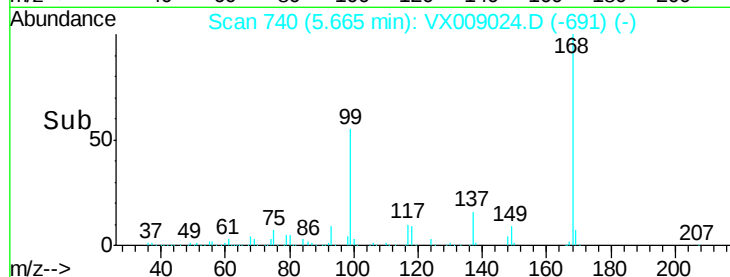
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 16.119 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009024.D

Acq: 17 Apr 2019 18:54

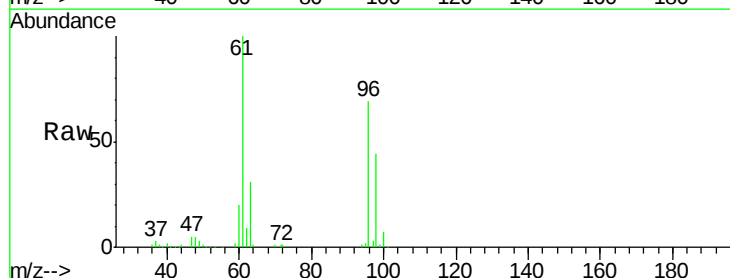
Tgt Ion: 96 Resp: 54471

Ion Ratio Lower Upper

96 100

61 146.8 0.0 322.0

98 64.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

40000

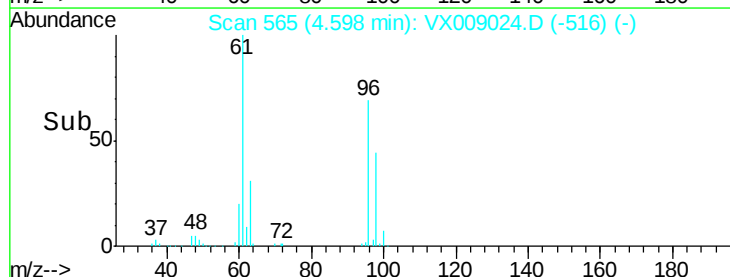
30000

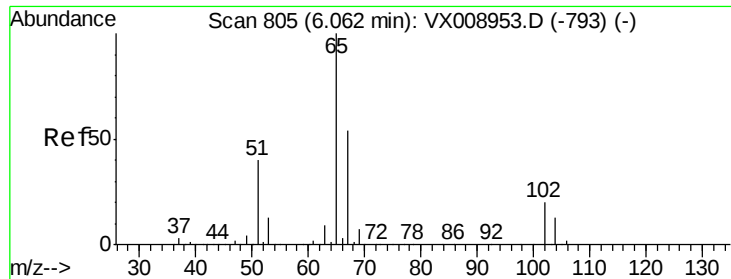
20000

10000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.289 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009024.D

Acq: 17 Apr 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

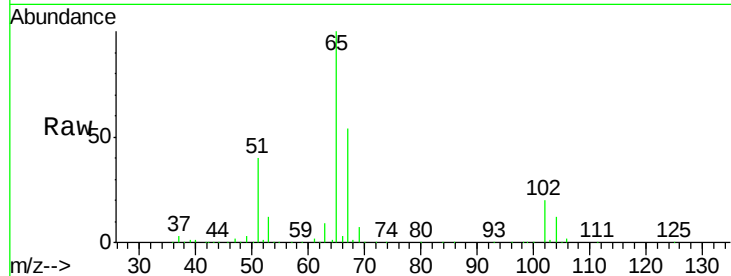
SS042MW032-190415

Tot Ion: 65 Resp: 169750

Ion Ratio Lower Upper

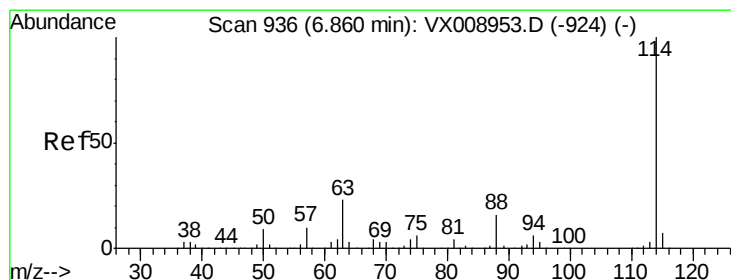
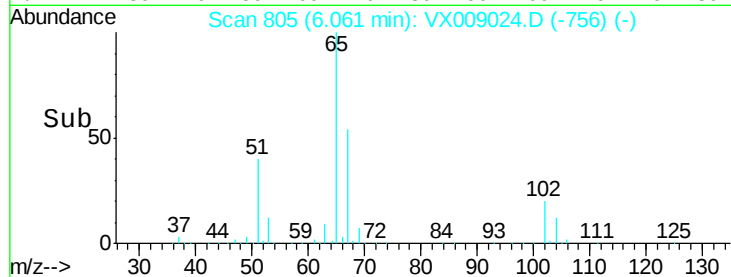
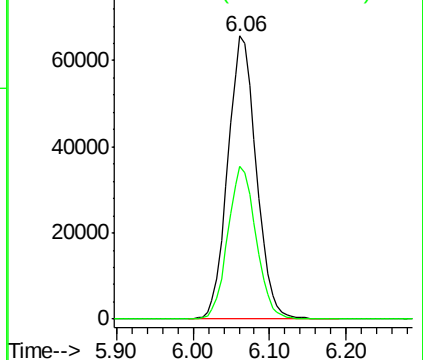
65 100

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: VX009024.D

Acq: 17 Apr 2019 18:54

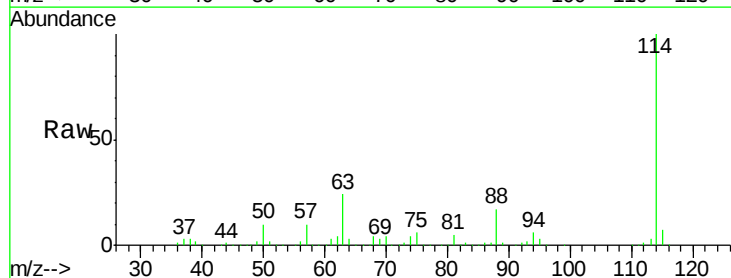
Tgt Ion: 114 Resp: 416887

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.0

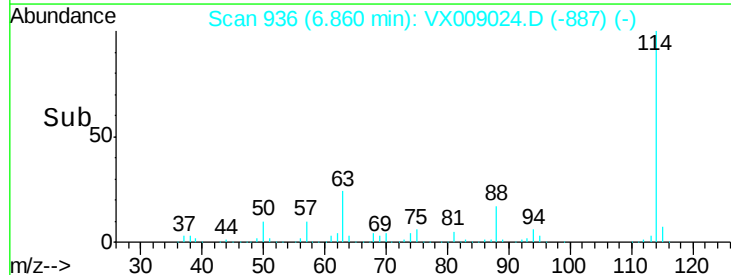
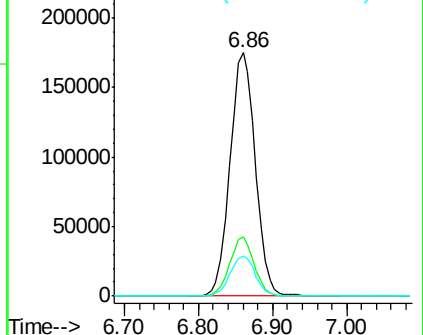
88 16.5 0.0 32.6

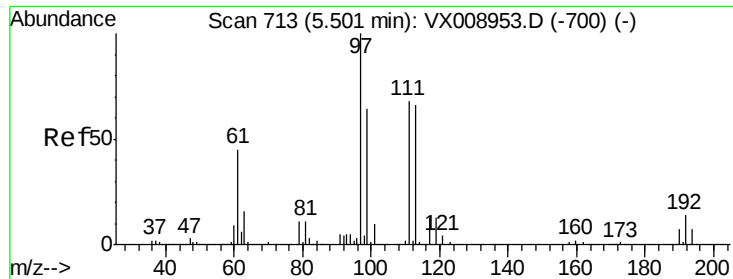


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.558 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009024.D

Acq: 17 Apr 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-190415

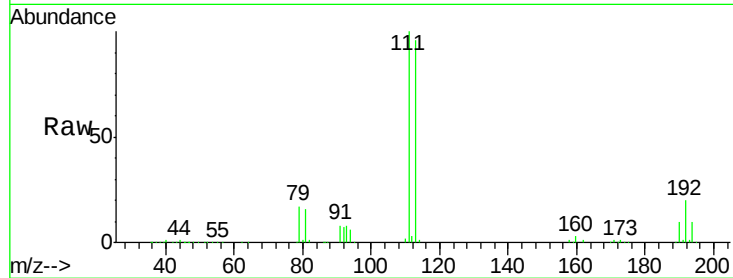
Tot Ion:113 Resp: 124566

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

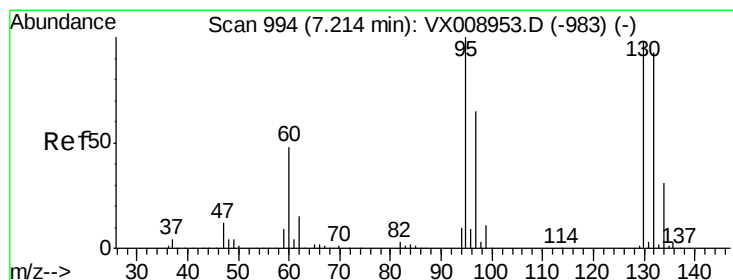
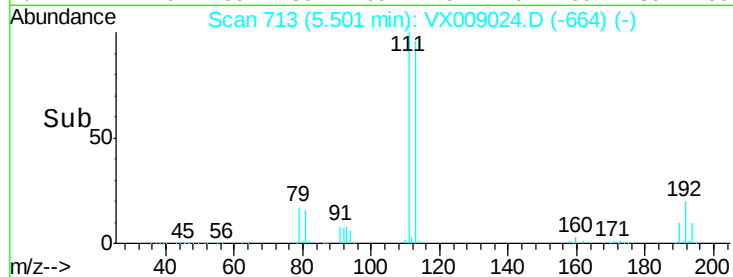
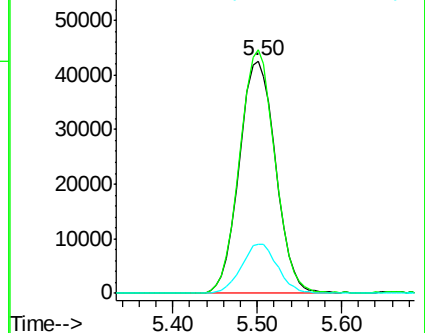
192 21.2 17.4 26.0



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



#44

Trichloroethene

Concen: 0.676 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009024.D

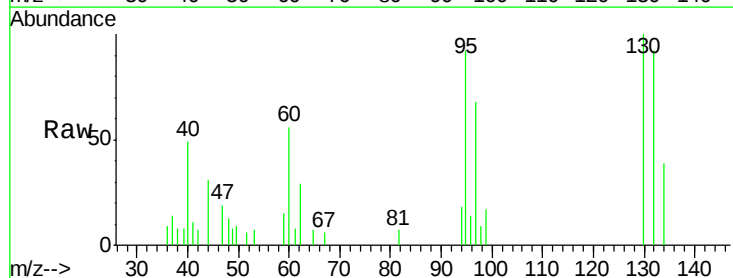
Acq: 17 Apr 2019 18:54

Tgt Ion:130 Resp: 2106

Ion Ratio Lower Upper

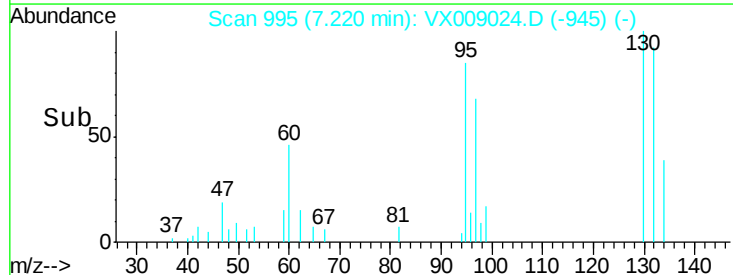
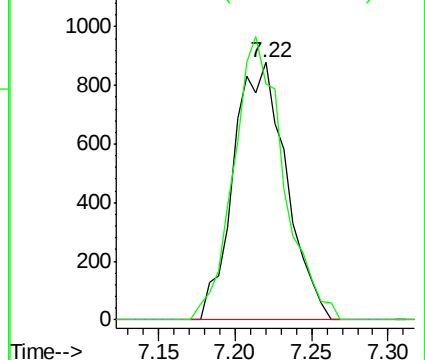
130 100

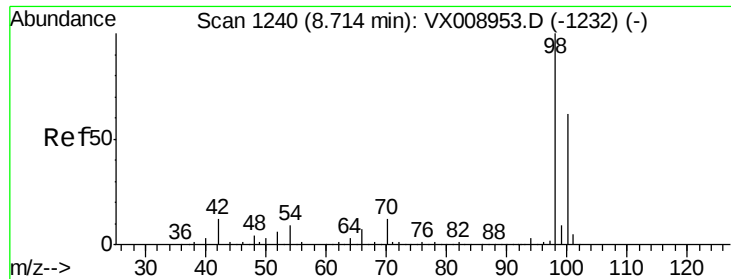
95 91.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.255 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009024.D

Acq: 17 Apr 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

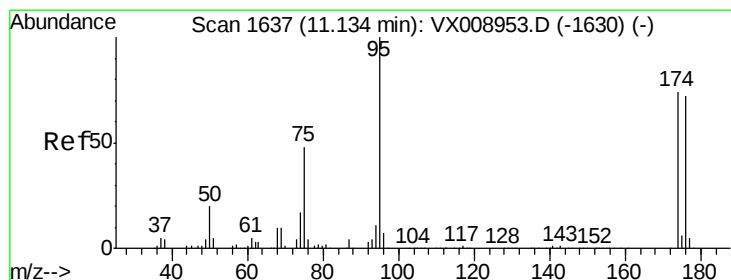
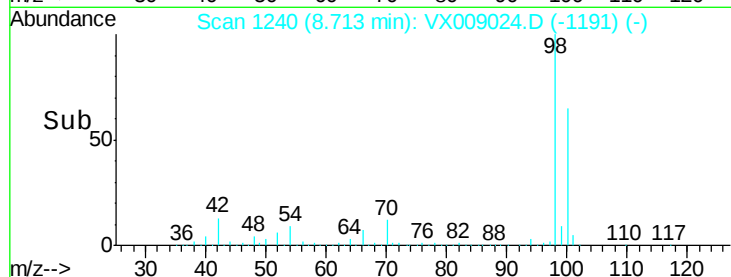
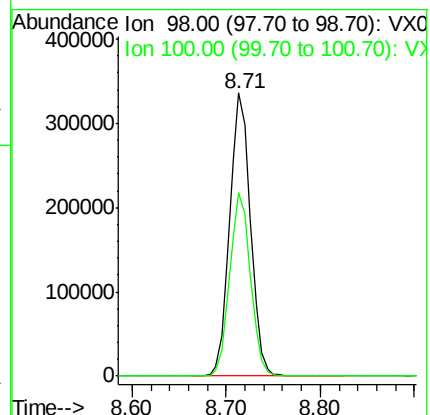
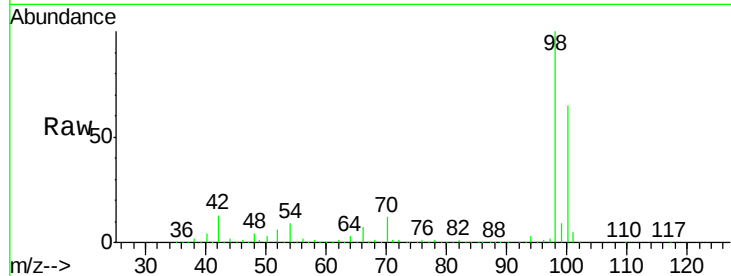
SS042MW032-190415

Tot Ion: 98 Resp: 514884

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 46.360 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009024.D

Acq: 17 Apr 2019 18:54

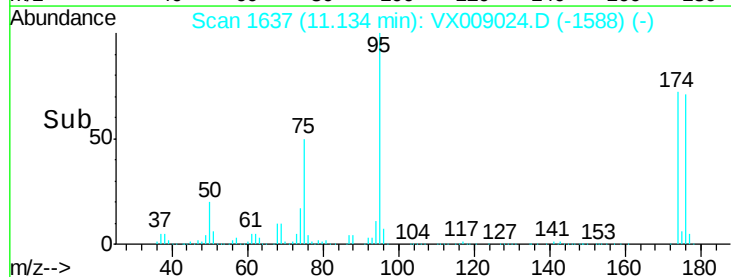
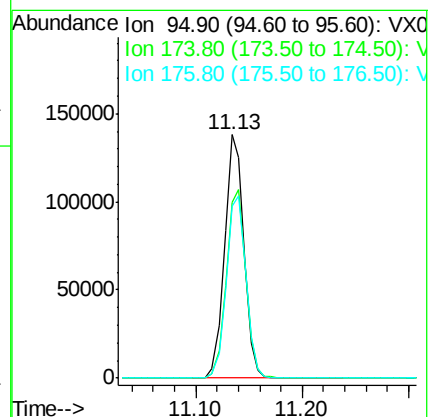
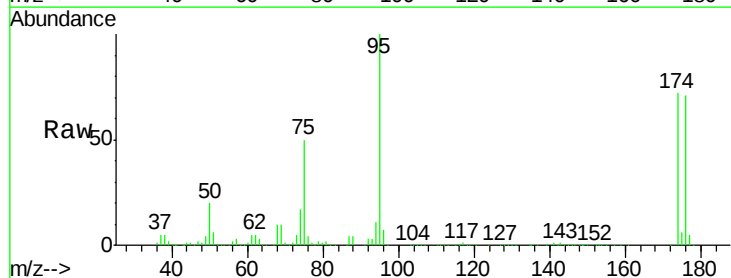
Tgt Ion: 95 Resp: 174616

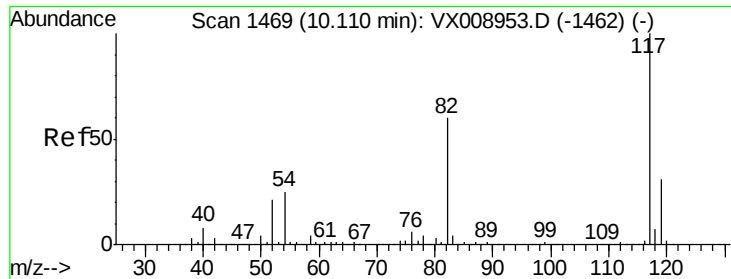
Ion Ratio Lower Upper

95 100

174 78.2 0.0 159.6

176 76.7 0.0 154.8

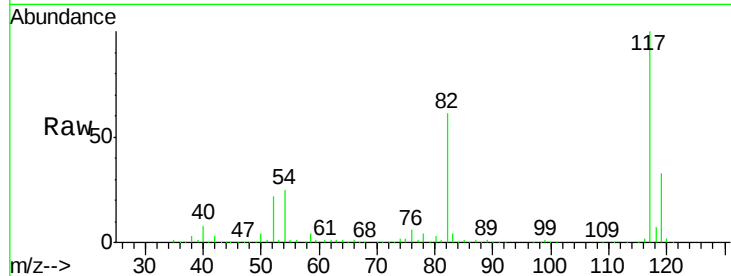




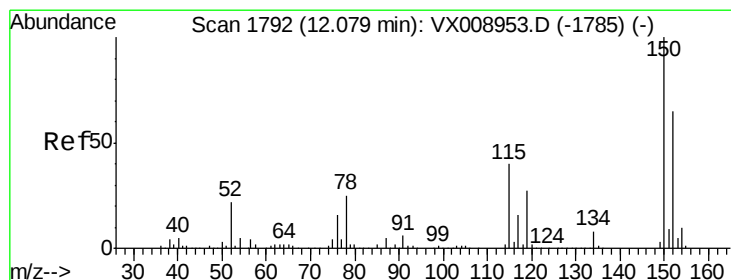
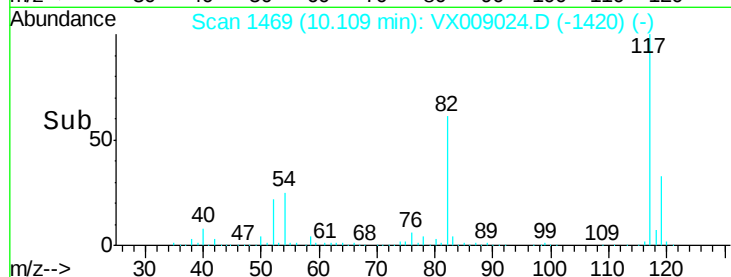
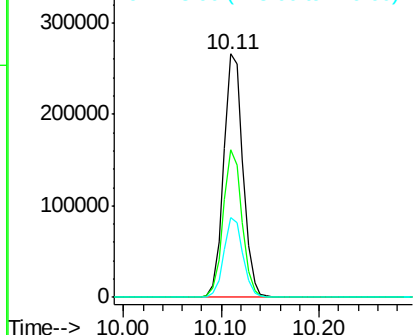
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009024.D
Acq: 17 Apr 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-190415

Tot Ion:117 Resp: 362402
Ion Ratio Lower Upper
117 100
82 60.6 48.2 72.4
119 32.6 25.0 37.6

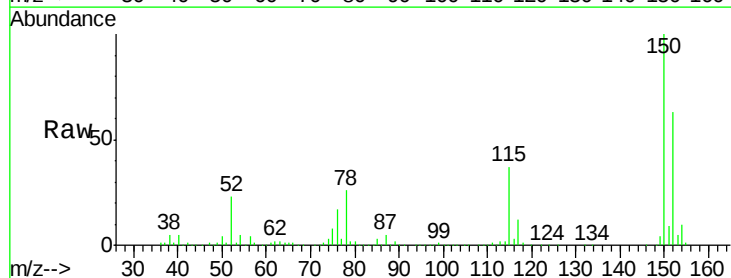


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009024.D
Acq: 17 Apr 2019 18:54

Tgt Ion:152 Resp: 152275
Ion Ratio Lower Upper
152 100
115 59.5 41.4 124.2
150 158.1 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

