

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010262.D
 Acq On : 12 Jun 2019 19:41
 Operator : JC/SP
 Sample : K3315-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20190607

Quant Time: Jun 13 03:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

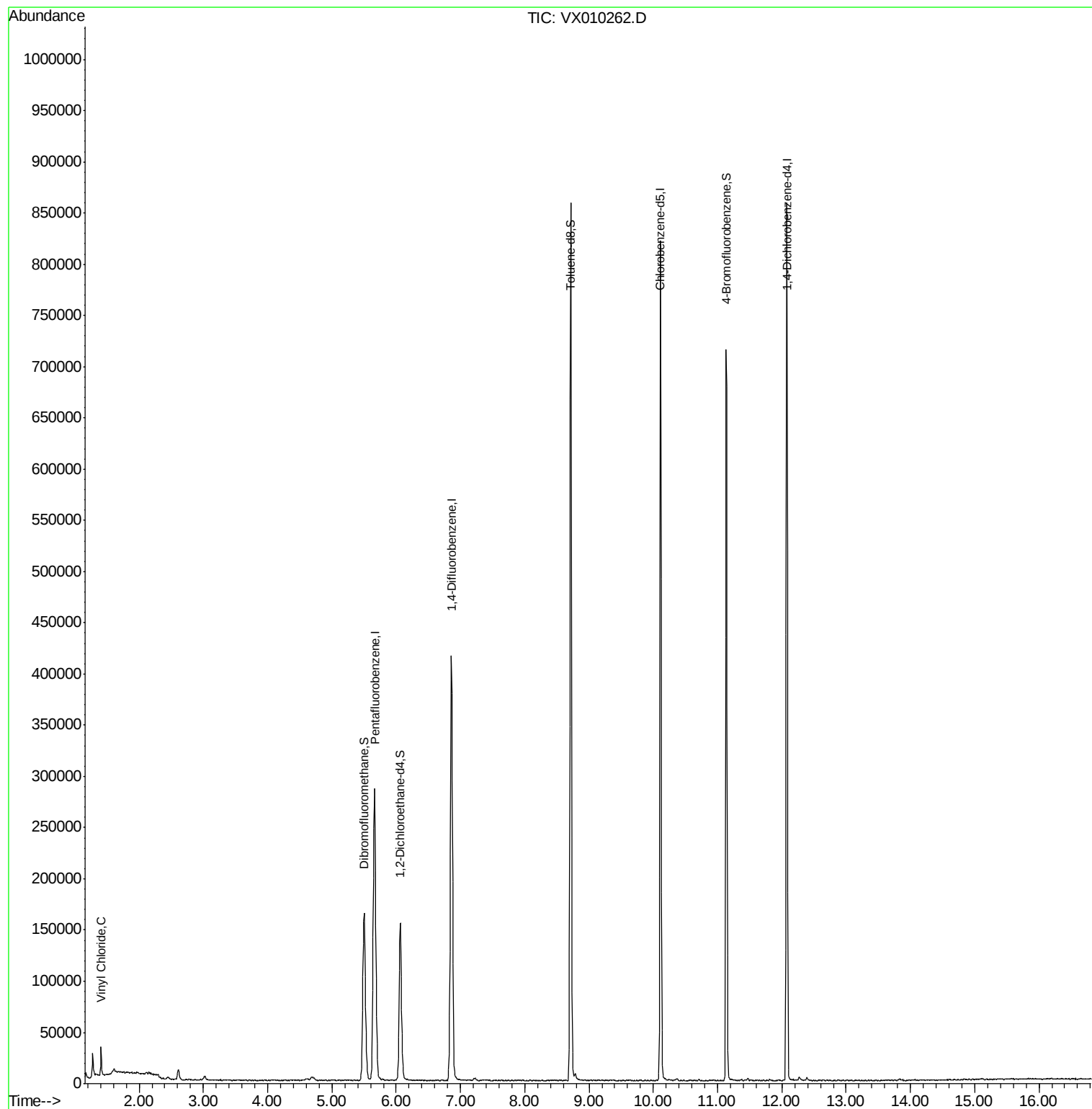
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	461659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139165	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.50	113	140556	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	542064	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	185269	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
4) Vinyl Chloride	1.41	62	18521	7.142	ug/l	Qvalue 95

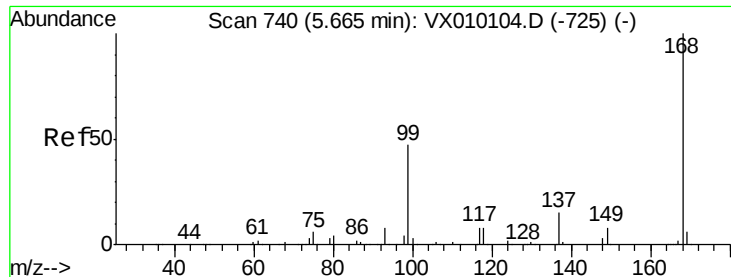
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

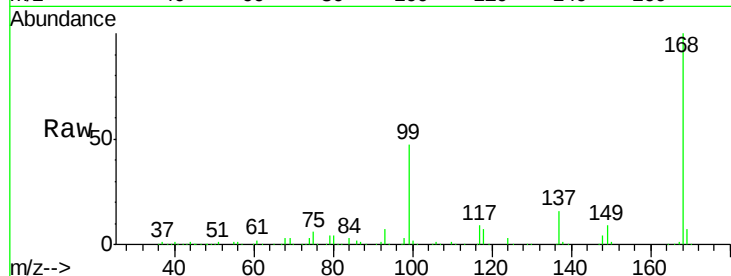
RE104D3-20190607

Tot Ion:168 Resp: 301950

Ion Ratio Lower Upper

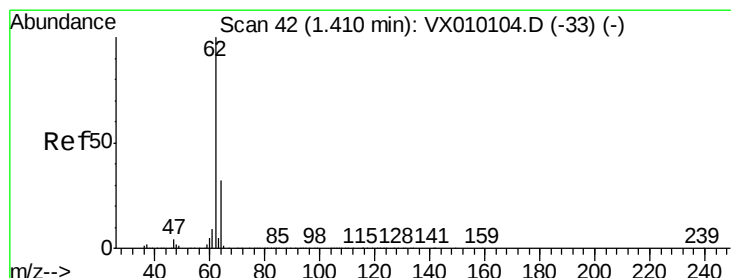
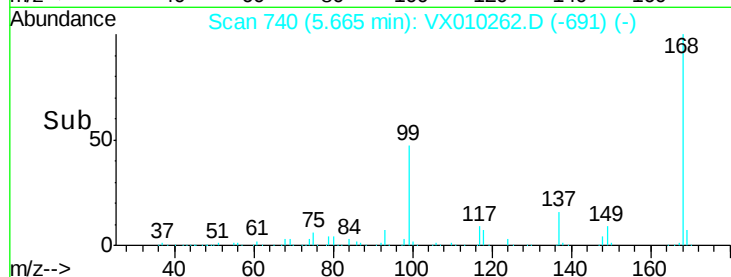
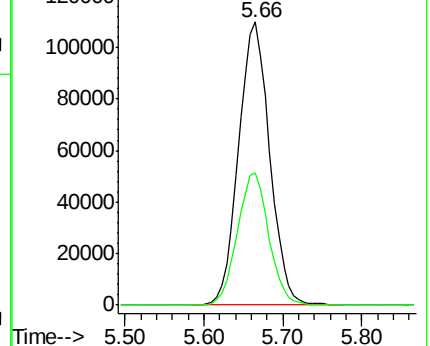
168 100

99 46.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.142 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010262.D

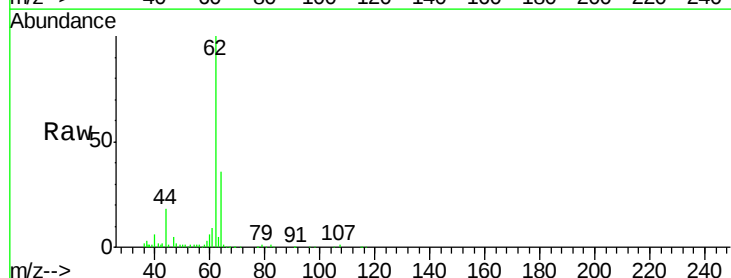
Acq: 12 Jun 2019 19:41

Tgt Ion: 62 Resp: 18521

Ion Ratio Lower Upper

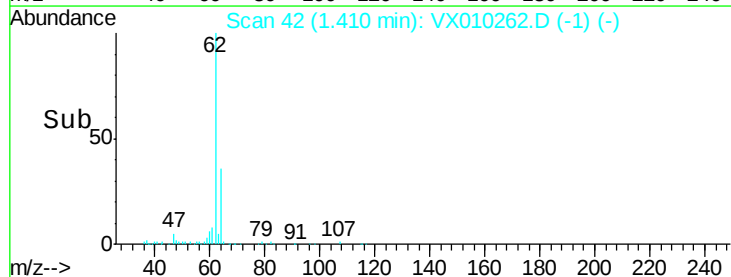
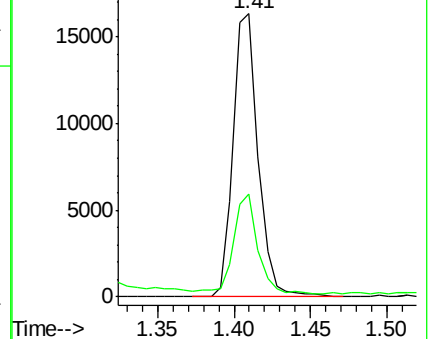
62 100

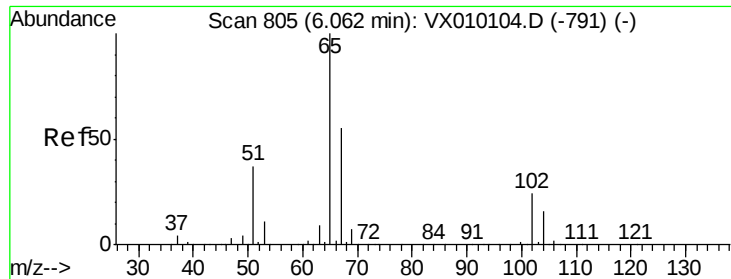
64 34.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.217 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

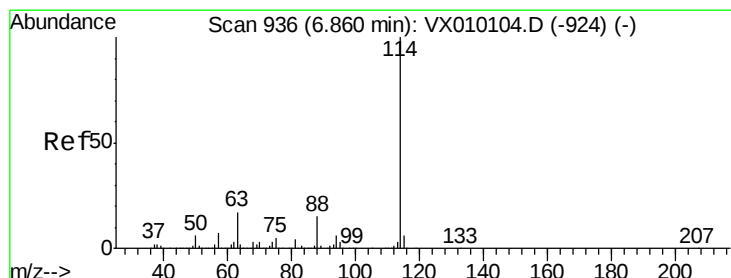
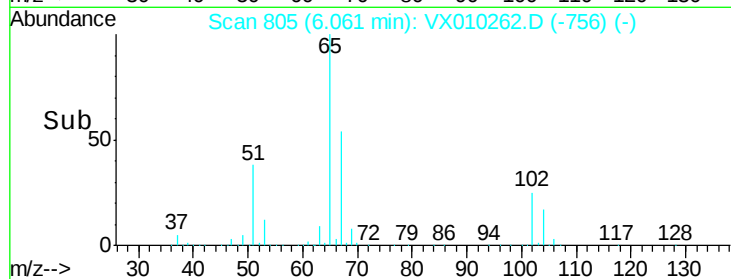
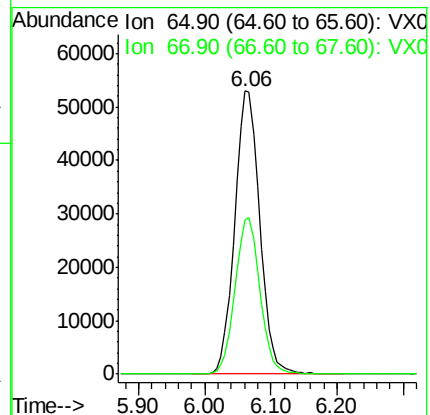
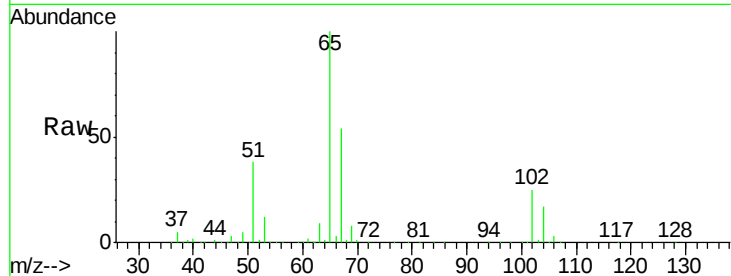
RE104D3-20190607

Tot Ion: 65 Resp: 139165

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

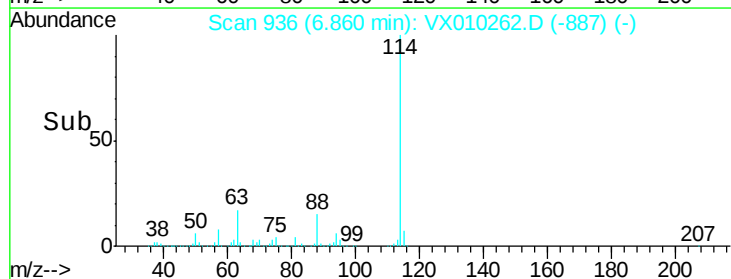
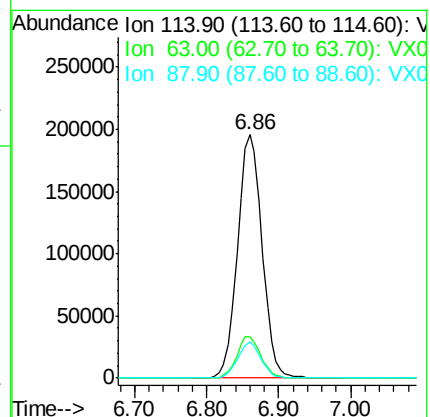
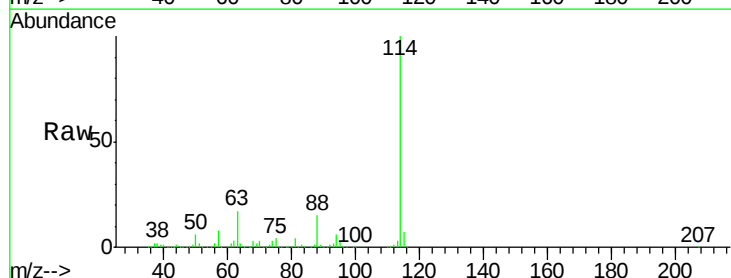
Tgt Ion: 114 Resp: 461659

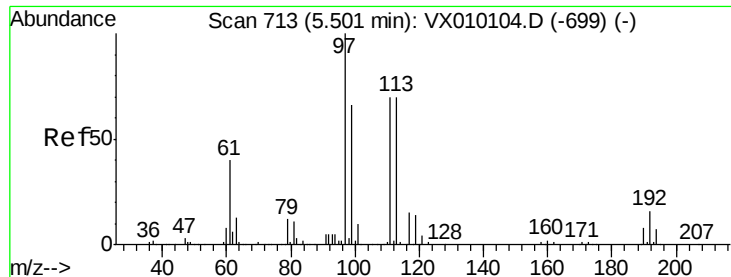
Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

88 14.7 0.0 33.0

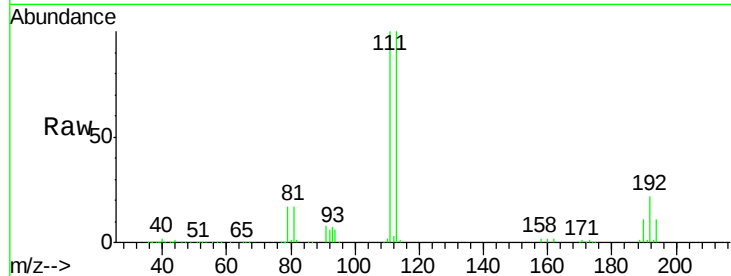




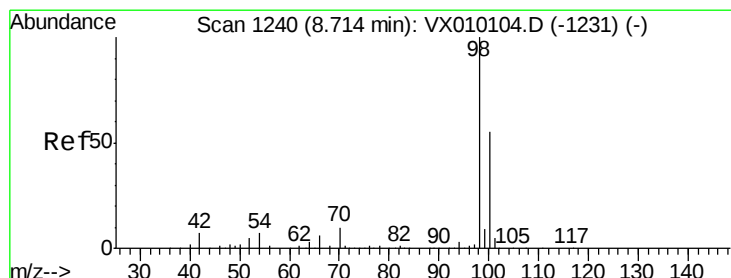
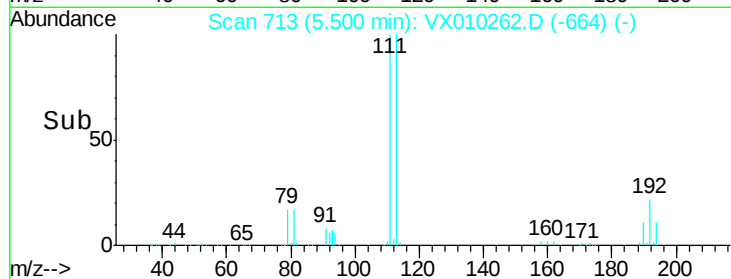
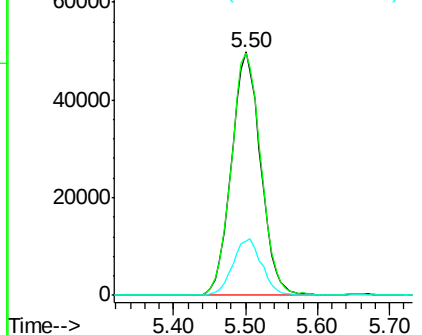
#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010262.D
Acq: 12 Jun 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20190607

Tot Ion:113 Resp: 140556
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 23.0 17.1 25.7

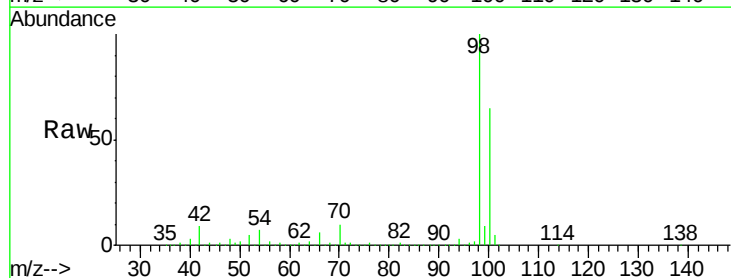


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

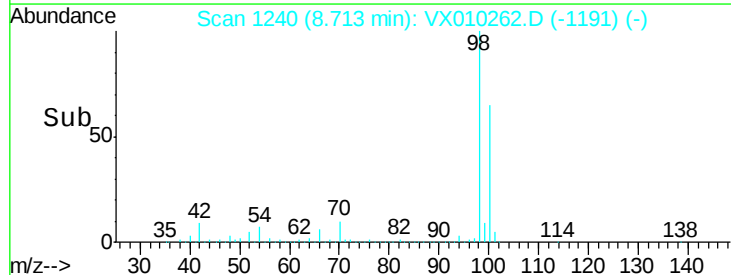
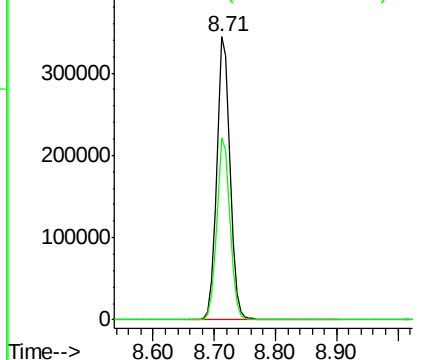


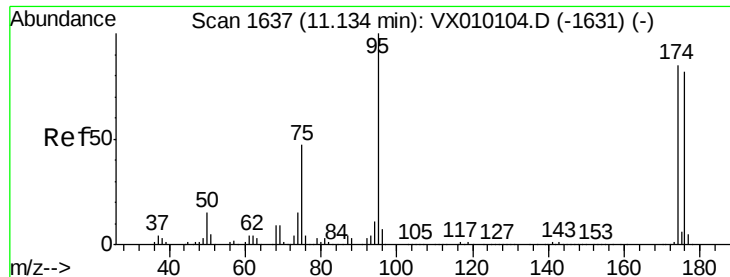
#50
Toluene-d8
Concen: 50.791 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010262.D
Acq: 12 Jun 2019 19:41

Tgt Ion: 98 Resp: 542064
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.483 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20190607

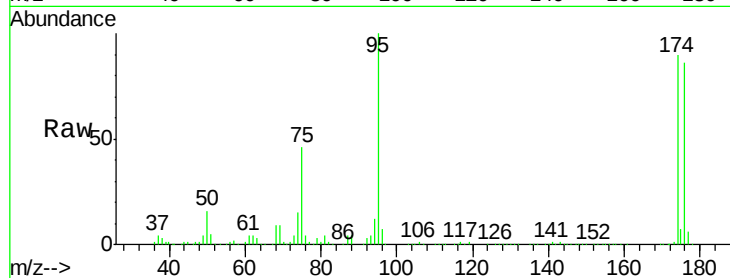
Tot Ion: 95 Resp: 185269

Ion Ratio Lower Upper

95 100

174 95.0 0.0 160.4

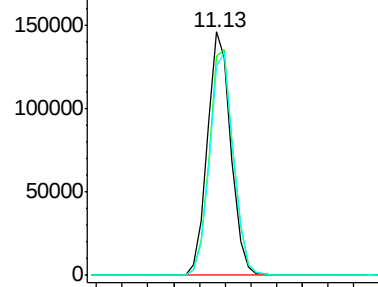
176 92.6 0.0 154.6



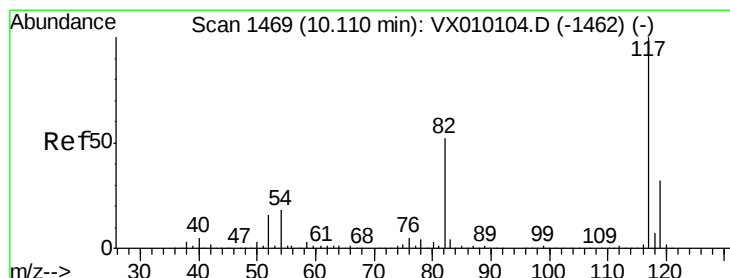
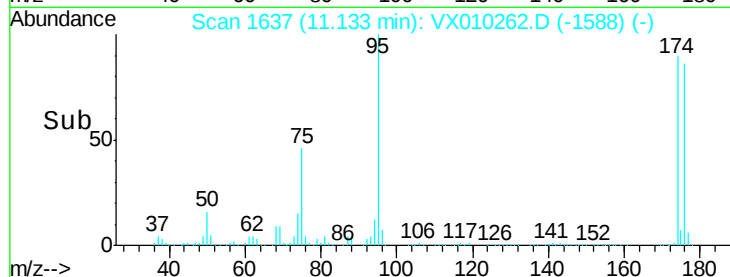
Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

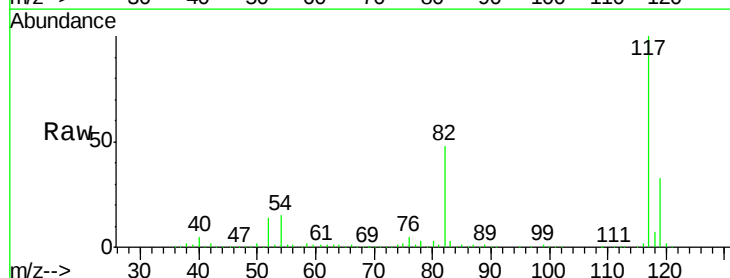
Tgt Ion: 117 Resp: 419938

Ion Ratio Lower Upper

117 100

82 47.6 49.2 73.8#

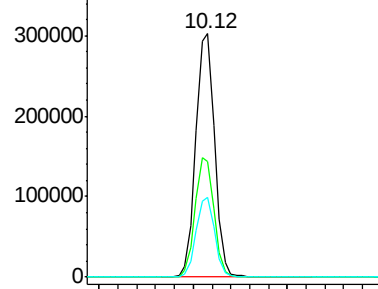
119 32.6 25.2 37.8



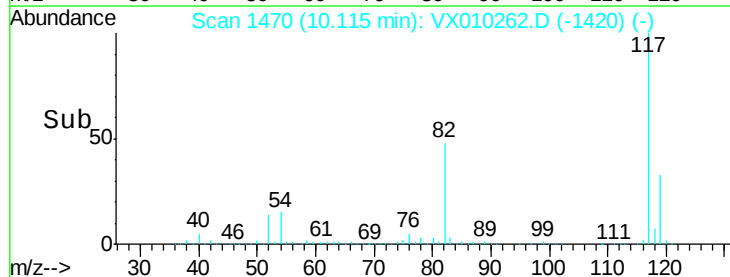
Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

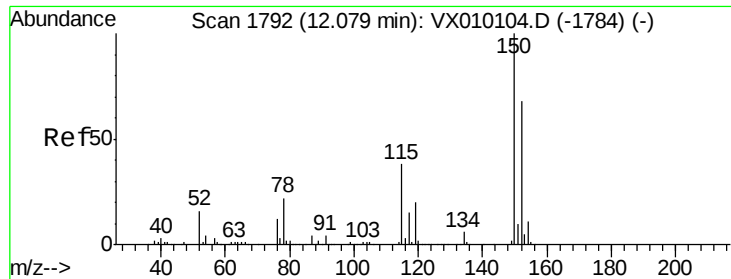
Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010262.D

Acq: 12 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20190607

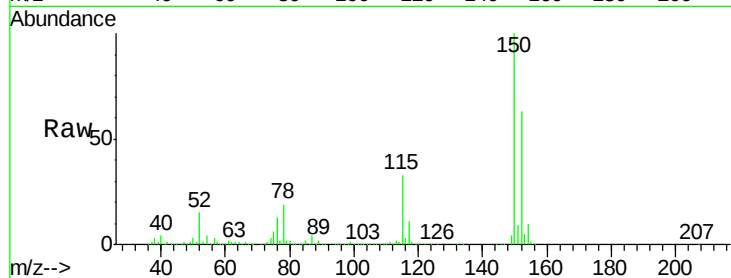
Tot Ion:152 Resp: 195646

Ion Ratio Lower Upper

152 100

115 53.6 41.4 124.2

150 157.2 0.0 345.2



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

