

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012996.D
 Acq On : 10 Oct 2019 15:20
 Operator : JC/SP
 Sample : K5290-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0125R-9001

Quant Time: Oct 14 13:19:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

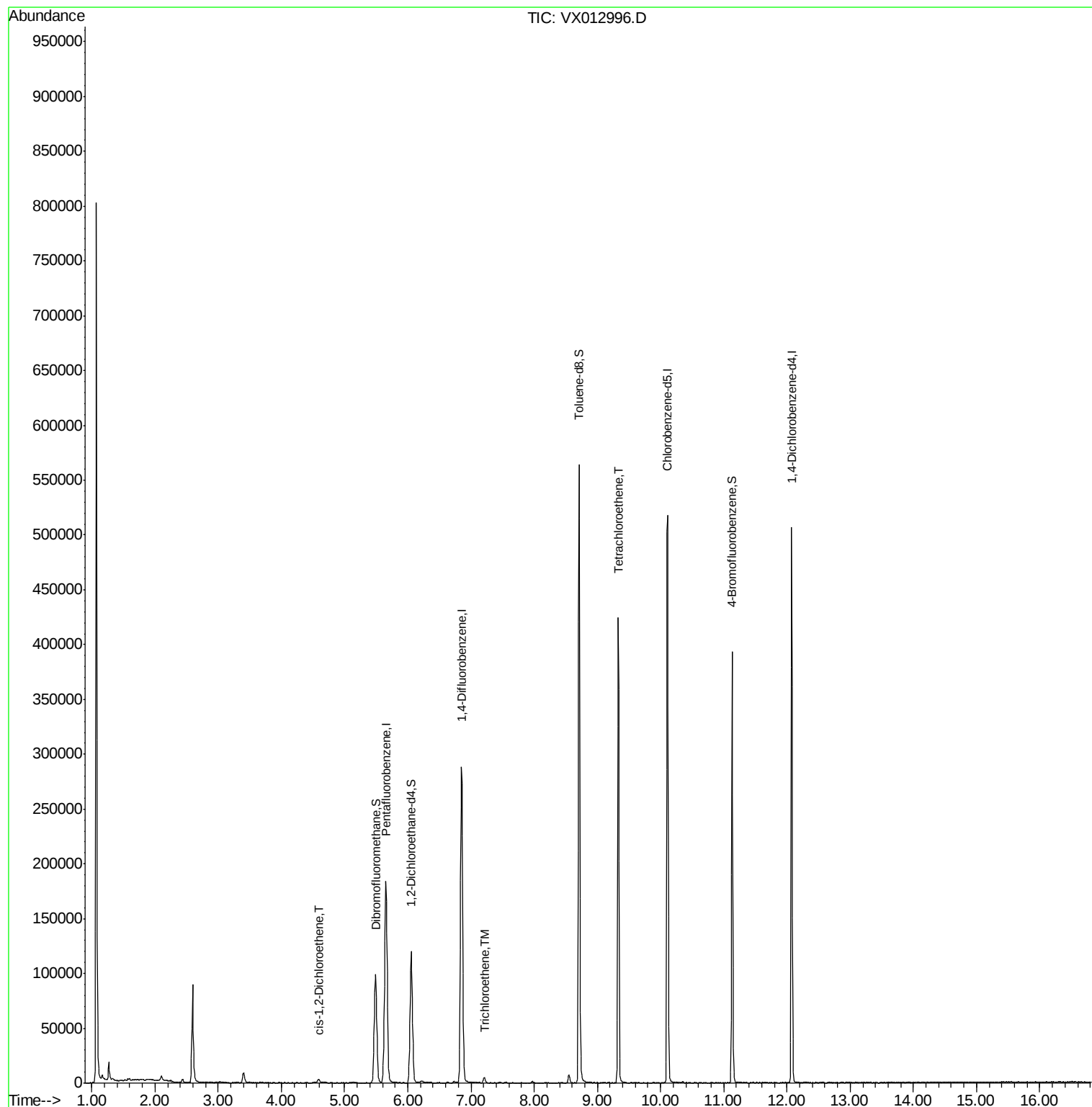
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111540	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.49	113	85532	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	8.71	98	333874	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.14	95	114335	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	2188	1.029	ug/l	92
44) Trichloroethene	7.21	130	2086	1.005	ug/l	90
64) Tetrachloroethene	9.33	164	77381	45.725	ug/l	95

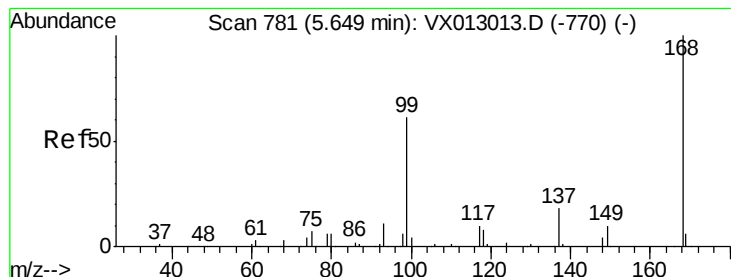
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

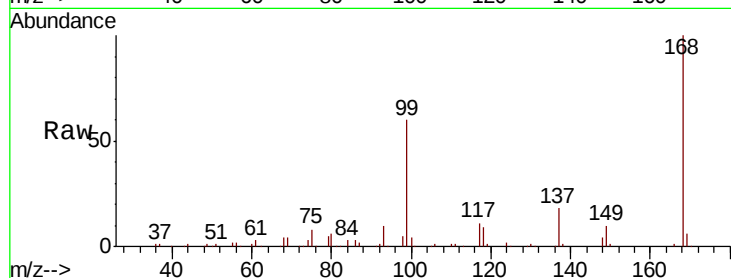
FA19-MMW0125R-9001

Tot Ion:168 Resp: 170339

Ion Ratio Lower Upper

168 100

99 59.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

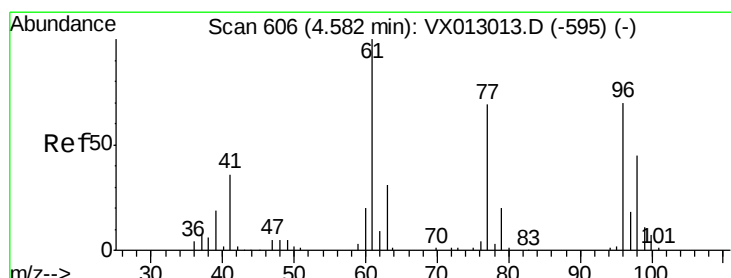
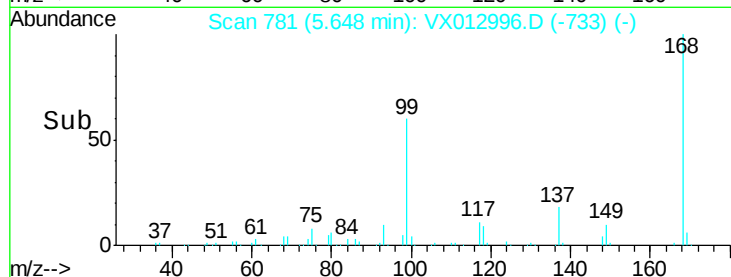
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.029 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

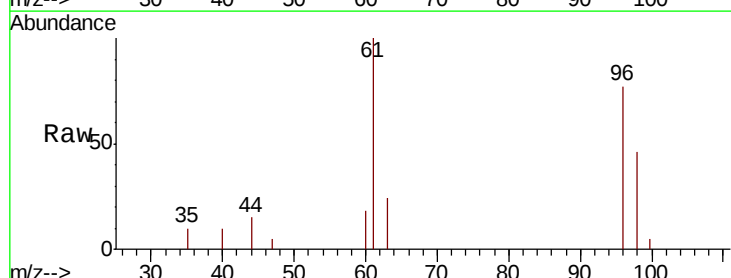
Tgt Ion: 96 Resp: 2188

Ion Ratio Lower Upper

96 100

61 132.4 0.0 290.6

98 61.5 0.0 128.8



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

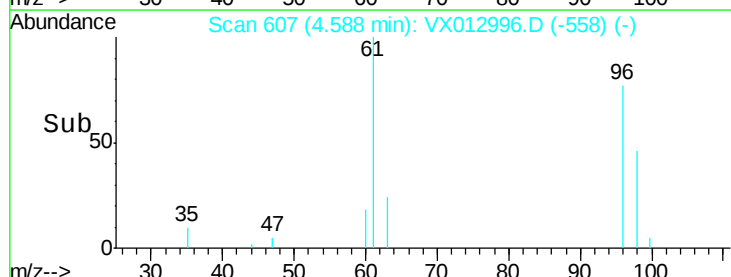
1500

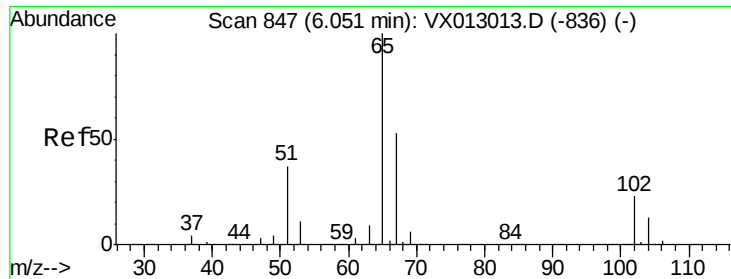
1000

500

0

Time--> 4.50 4.55 4.60 4.65

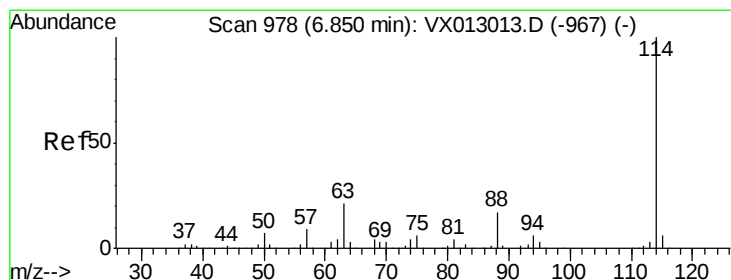
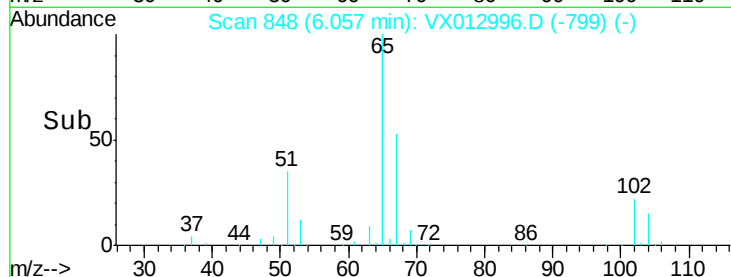
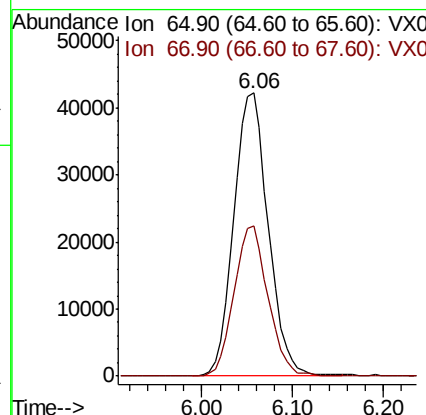
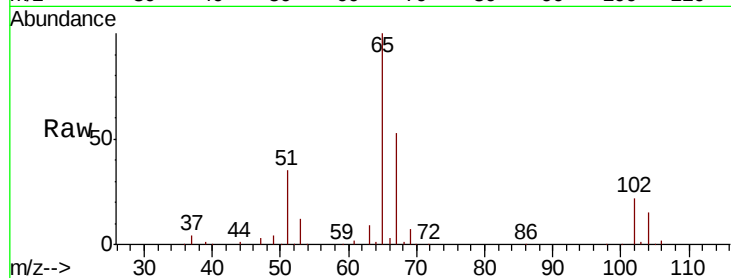




#33
 1,2-Dichloroethane-d4
 Concen: 52.390 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012996.D
 Acq: 10 Oct 2019 15:20

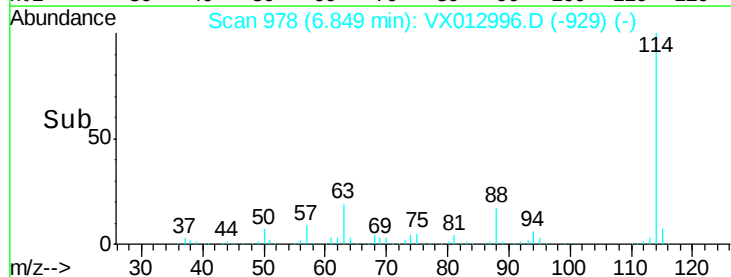
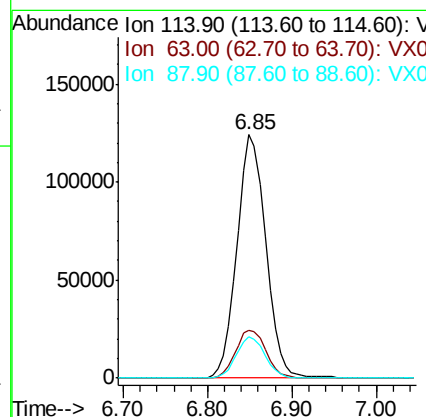
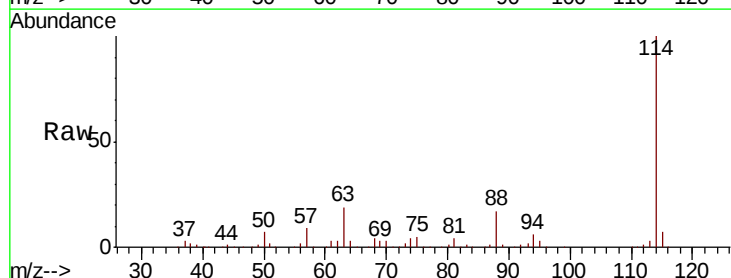
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0125R-9001

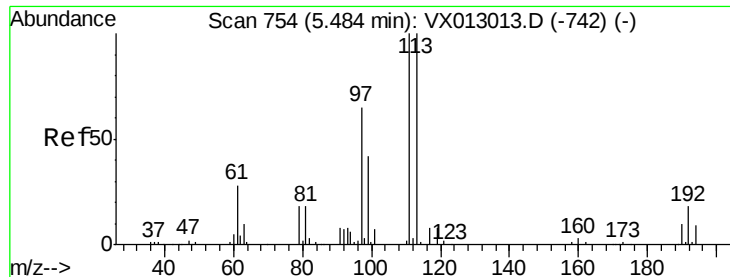
Tot Ion: 65 Resp: 111540
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012996.D
 Acq: 10 Oct 2019 15:20

Tgt Ion: 114 Resp: 288160
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.716 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0125R-9001

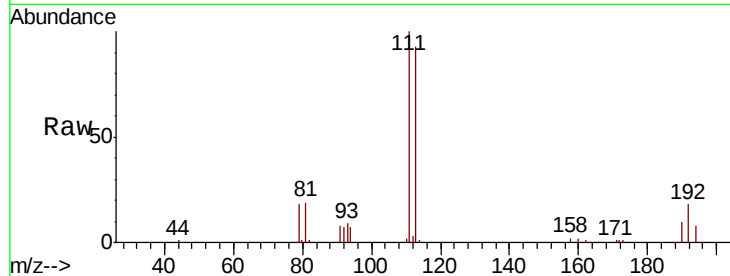
Tot Ion:113 Resp: 85532

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

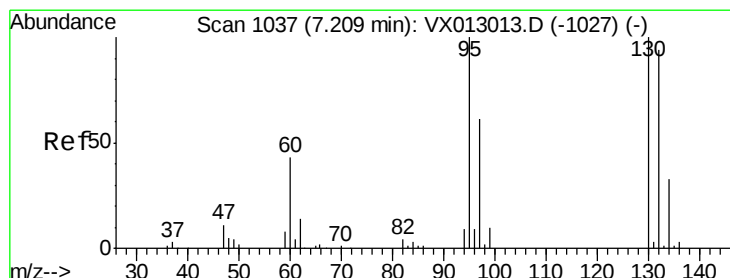
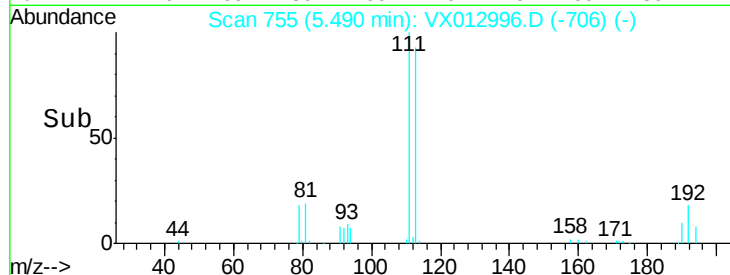
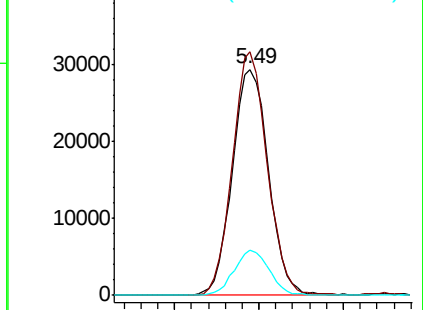
192 19.1 15.4 23.2



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: 1.005 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012996.D

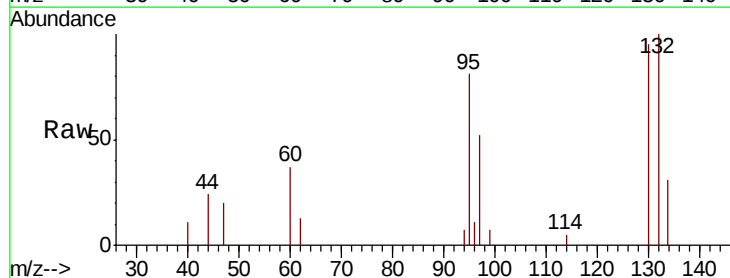
Acq: 10 Oct 2019 15:20

Tgt Ion:130 Resp: 2086

Ion Ratio Lower Upper

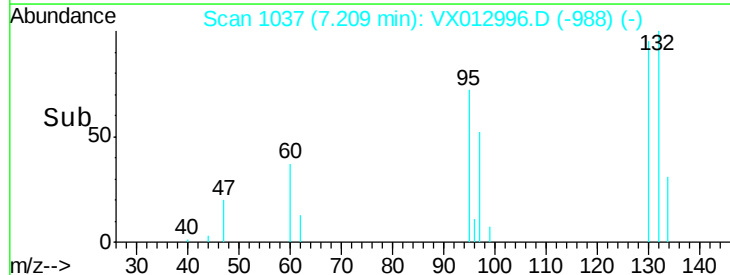
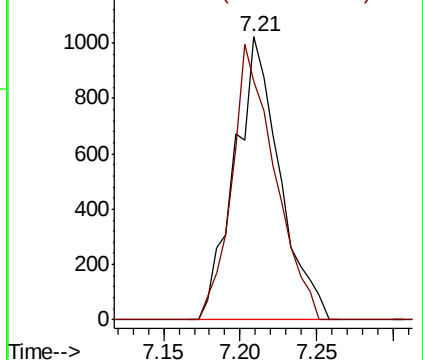
130 100

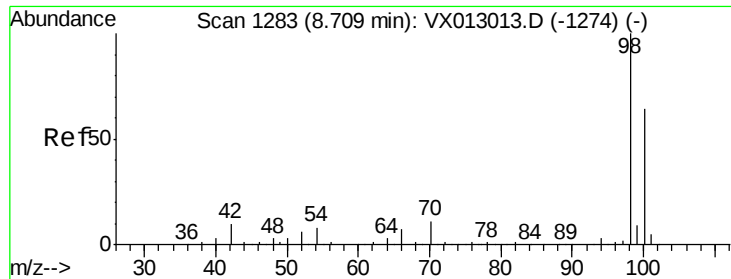
95 84.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.759 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

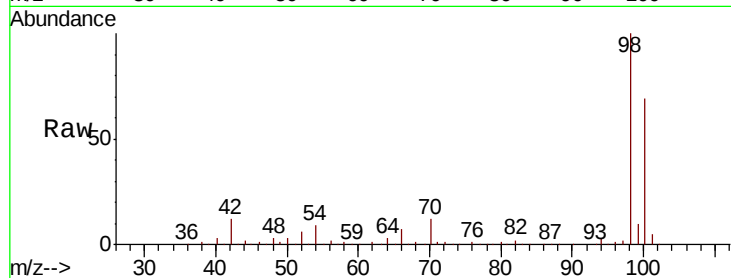
FA19-MMW0125R-9001

Tot Ion: 98 Resp: 333874

Ion Ratio Lower Upper

98 100

100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

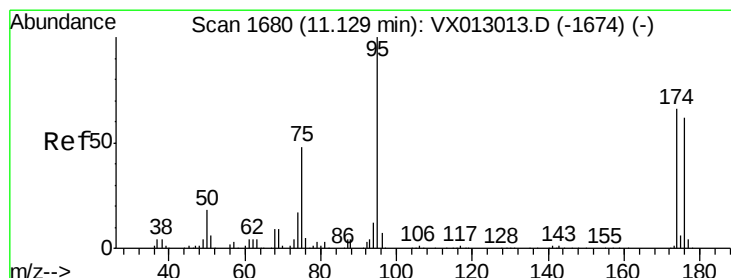
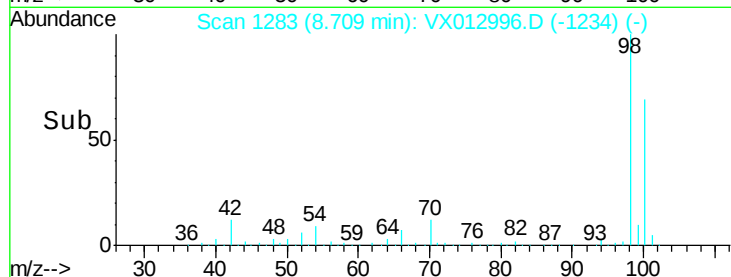
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.617 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

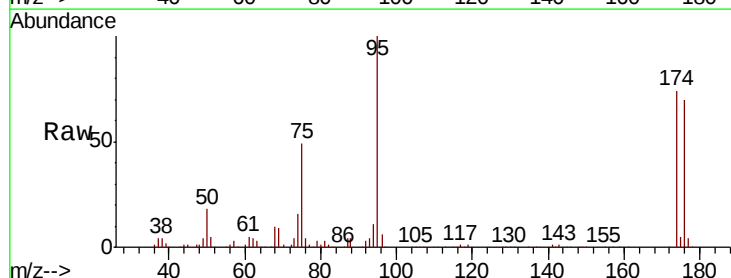
Tgt Ion: 95 Resp: 114335

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

176 68.4 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

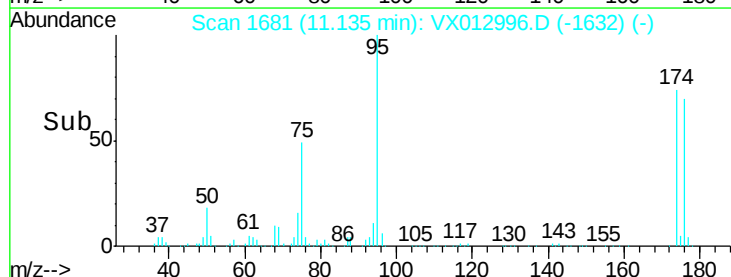
40000

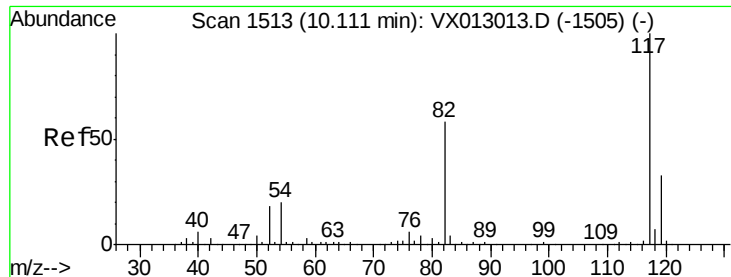
20000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0125R-9001

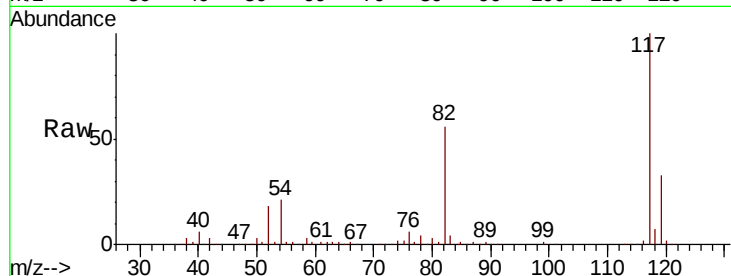
Tot Ion:117 Resp: 243991

Ion Ratio Lower Upper

117 100

82 56.3 44.1 66.1

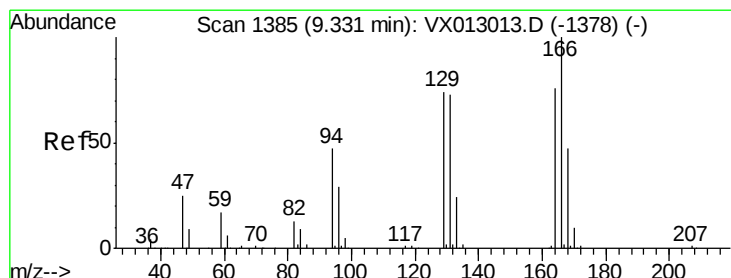
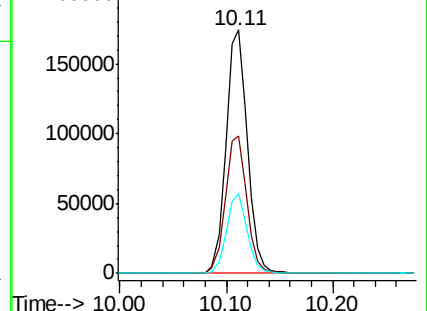
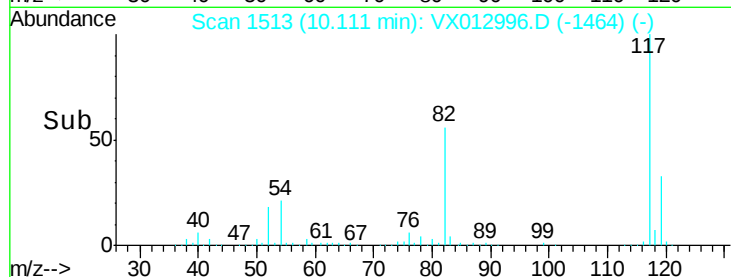
119 32.6 25.8 38.8



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



#64

Tetrachloroethene

Concen: 45.725 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012996.D

Acq: 10 Oct 2019 15:20

Tgt Ion:164 Resp: 77381

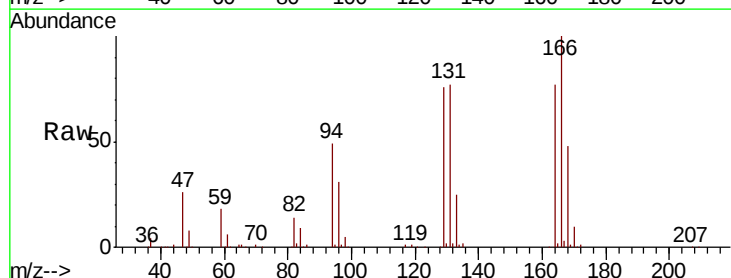
Ion Ratio Lower Upper

164 100

166 129.2 96.9 145.3

129 97.7 77.9 116.9

131 99.0 72.7 109.1

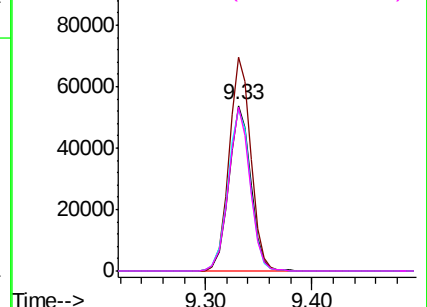
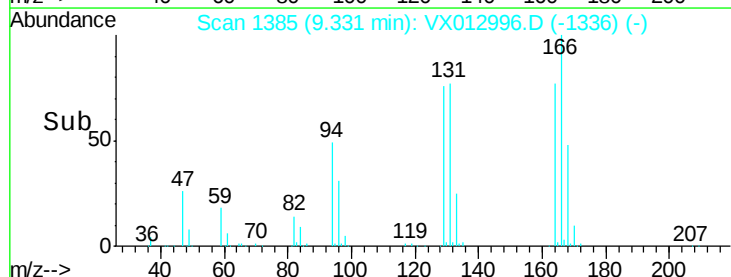


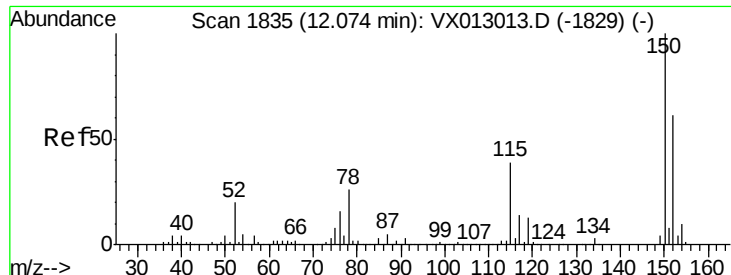
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

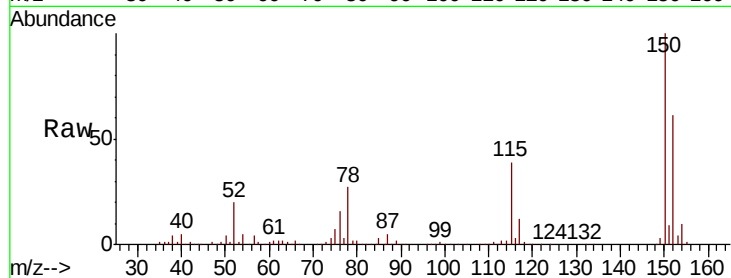




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012996.D
 Acq: 10 Oct 2019 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0125R-9001

Tot Ion:152 Resp: 94483
 Ion Ratio Lower Upper
 152 100
 115 64.2 44.5 133.5
 150 161.3 0.0 353.4



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

