

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012998.D
 Acq On : 10 Oct 2019 16:07
 Operator : JC/SP
 Sample : K5290-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3601

Quant Time: Oct 11 07:34:34 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

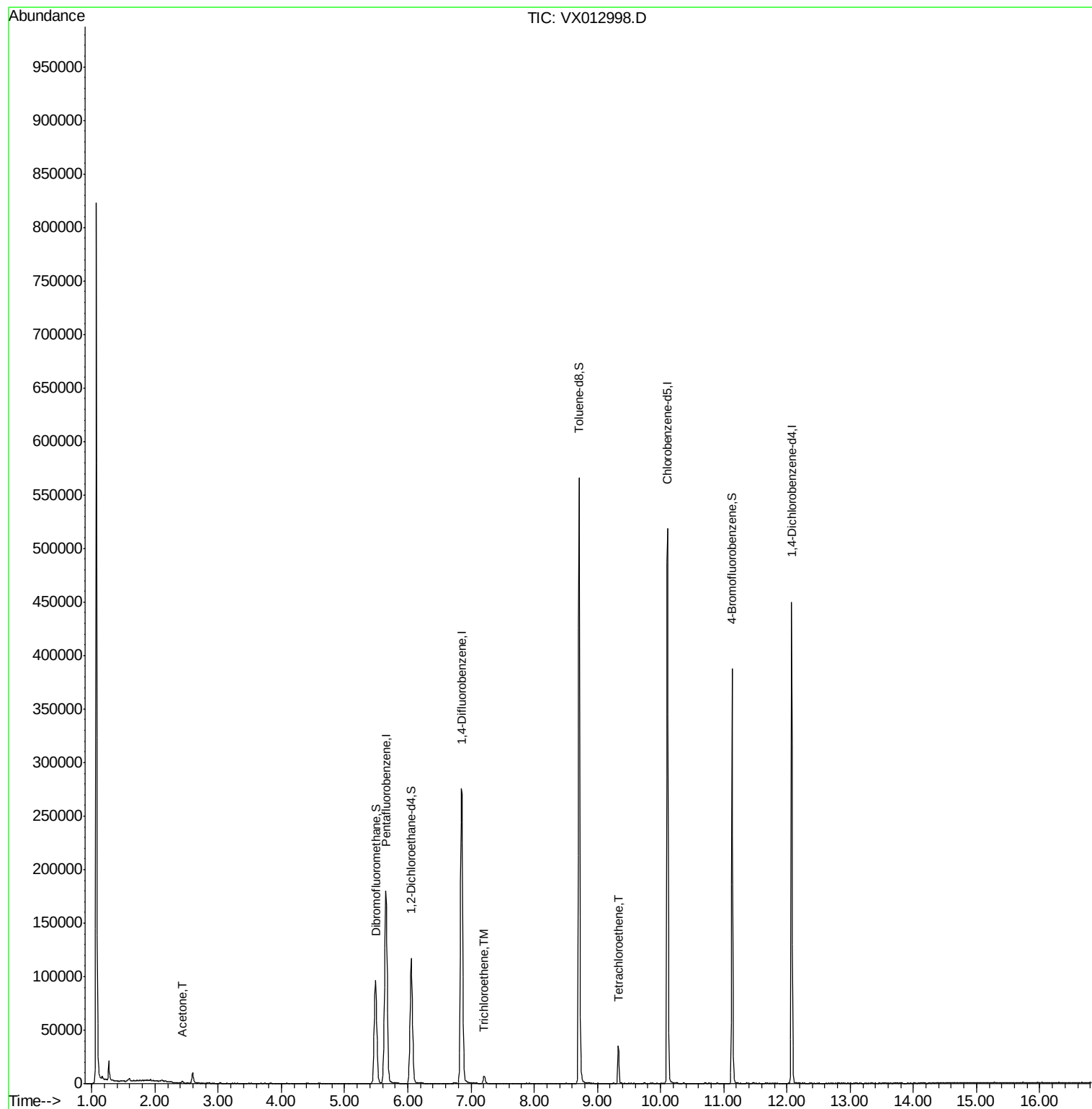
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110705	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	5.49	113	84895	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	8.71	98	331014	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	107754	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
16) Acetone	2.44	43	1943	1.752	ug/l	96
44) Trichloroethene	7.20	130	2870	1.403	ug/l	92
64) Tetrachloroethene	9.33	164	6588	3.941	ug/l	91

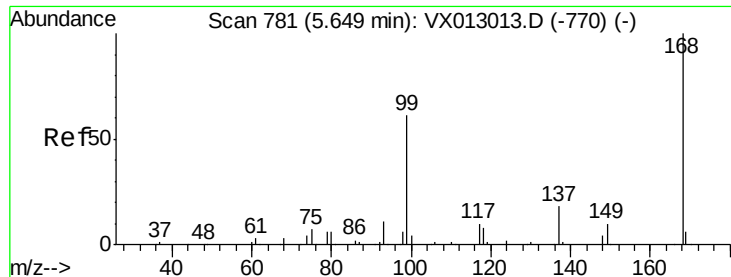
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012998.D

Acq: 10 Oct 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

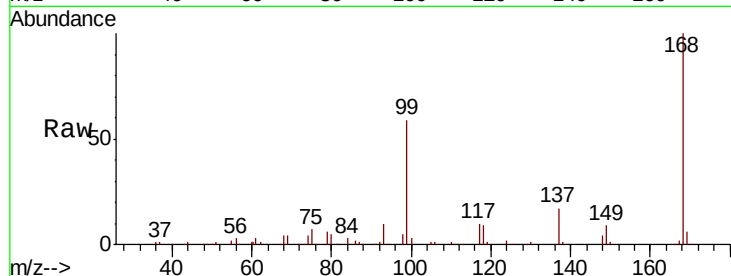
FA19-JMW3601

Tot Ion:168 Resp: 168296

Ion Ratio Lower Upper

168 100

99 59.3 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

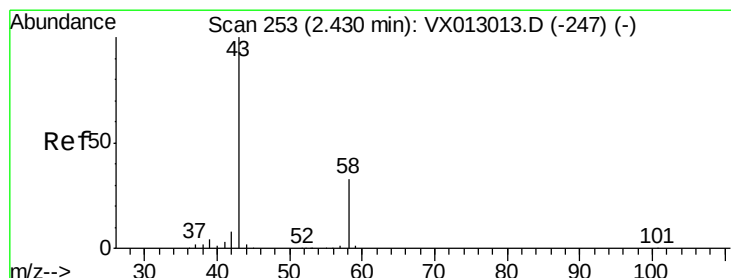
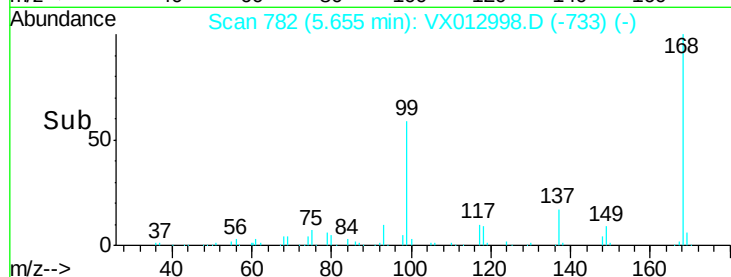
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.752 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012998.D

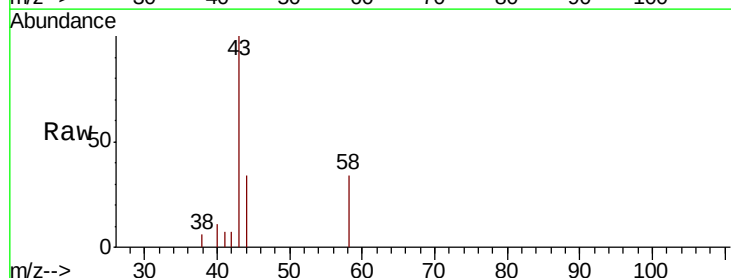
Acq: 10 Oct 2019 16:07

Tgt Ion: 43 Resp: 1943

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1200

1000

800

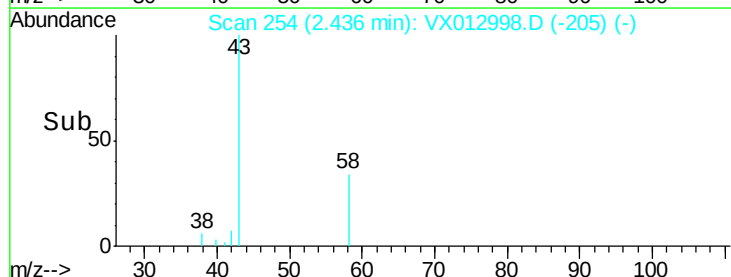
600

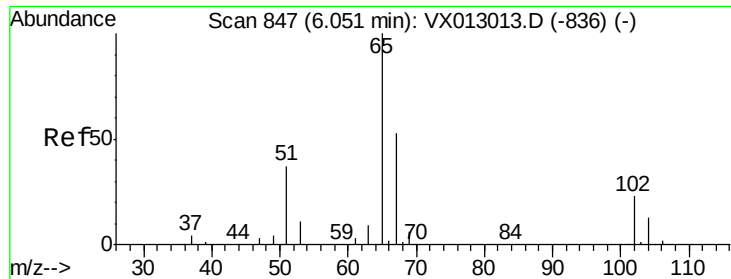
400

200

0

Time--> 2.40 2.45 2.50

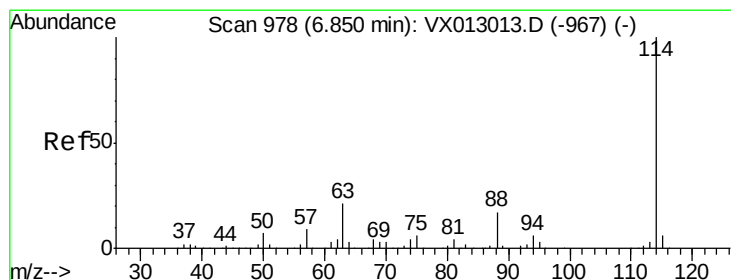
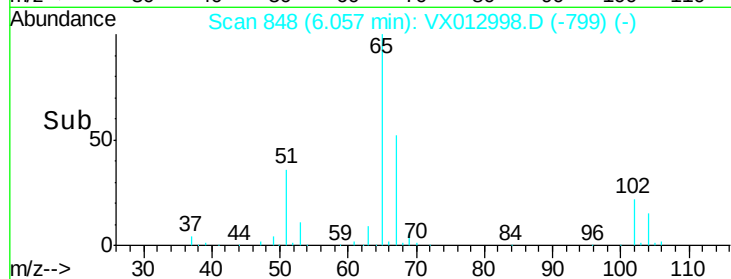
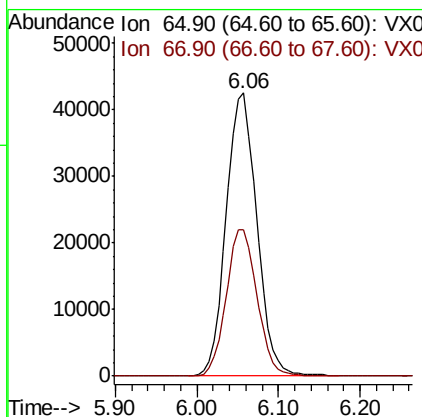
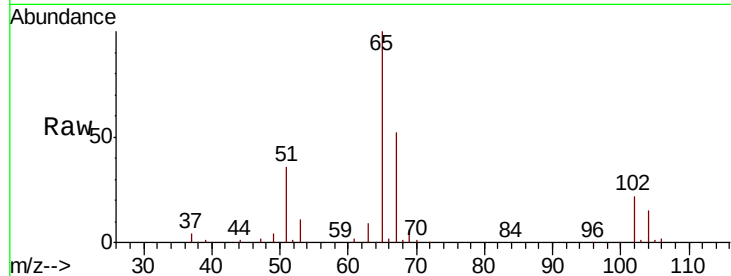




#33
 1,2-Dichloroethane-d4
 Concen: 52.629 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX012998.D
 Acq: 10 Oct 2019 16:07

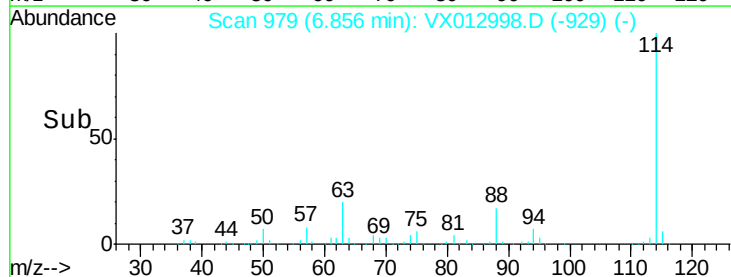
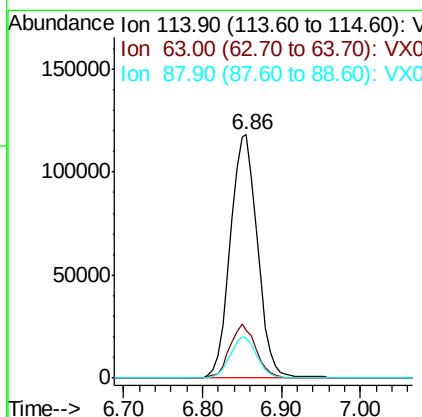
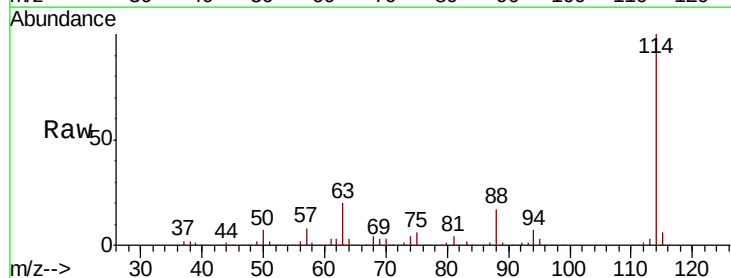
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3601

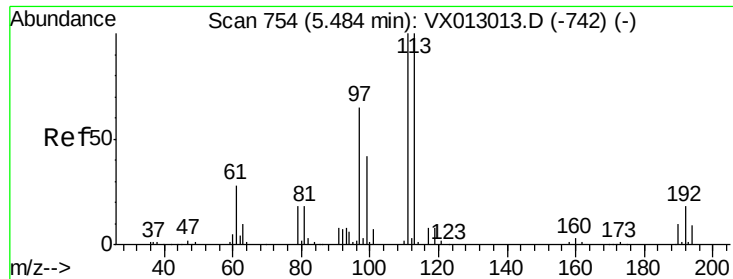
Tot Ion: 65 Resp: 110705
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012998.D
 Acq: 10 Oct 2019 16:07

Tgt Ion: 114 Resp: 284067
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 16.6 0.0 33.8

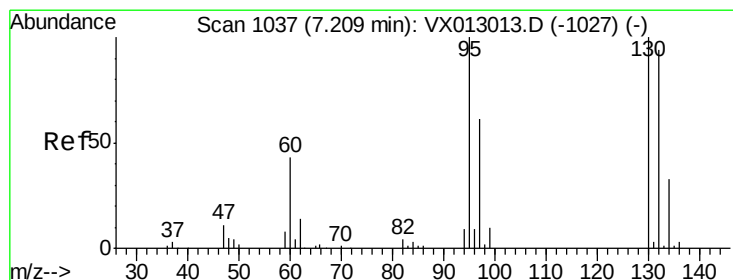
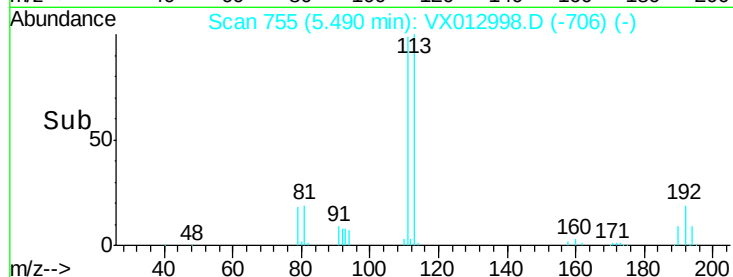
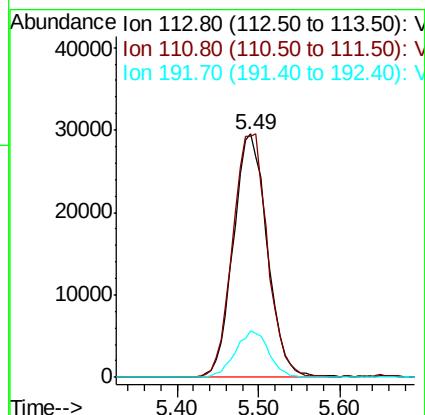
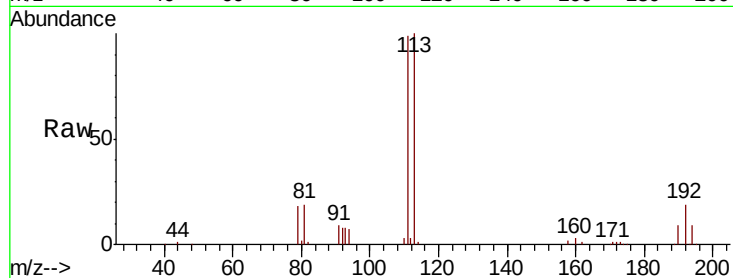




#35
 Dibromofluoromethane
 Concen: 52.070 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012998.D
 Acq: 10 Oct 2019 16:07

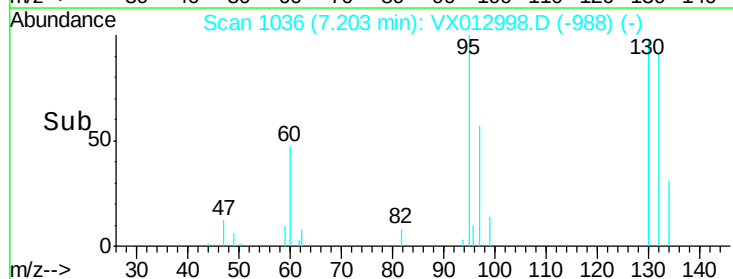
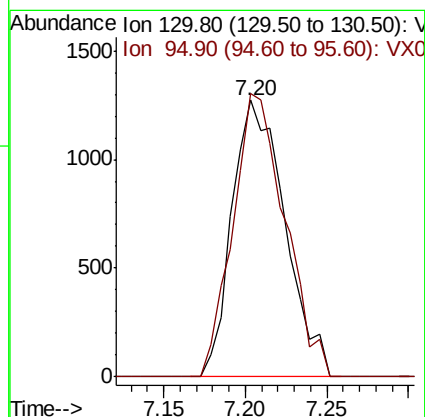
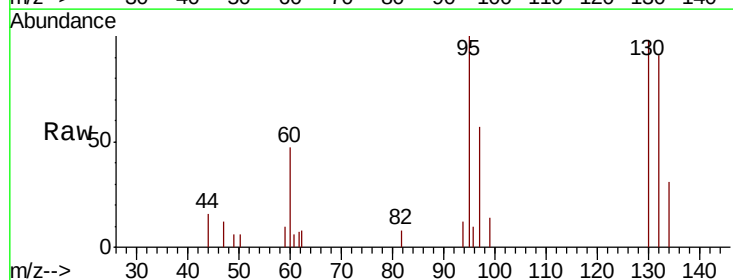
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3601

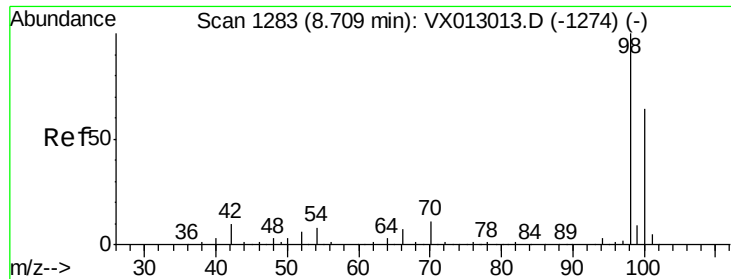
Tot Ion:113 Resp: 84895
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 18.9 15.4 23.2



#44
 Trichloroethene
 Concen: 1.403 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012998.D
 Acq: 10 Oct 2019 16:07

Tgt Ion:130 Resp: 2870
 Ion Ratio Lower Upper
 130 100
 95 102.3 0.0 189.2

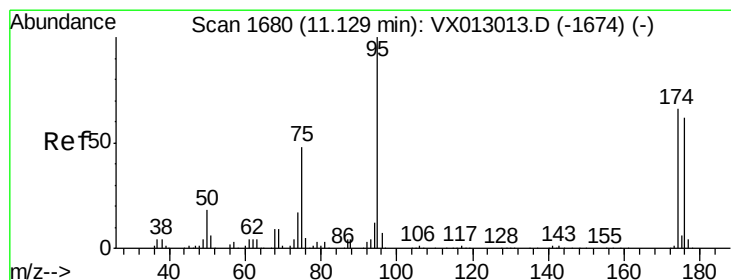
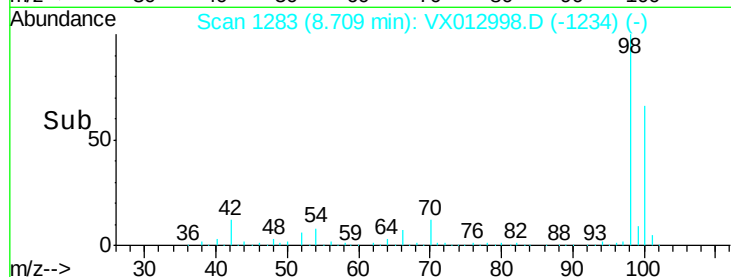
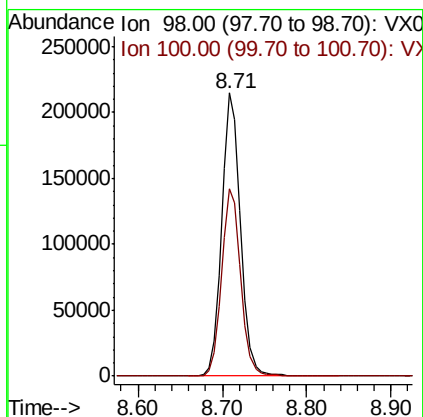
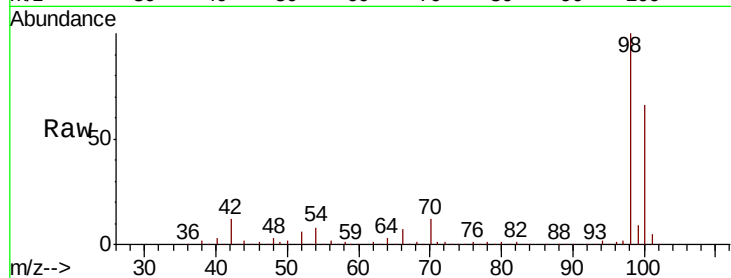




#50
Toluene-d8
Concen: 52.055 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012998.D
Acq: 10 Oct 2019 16:07

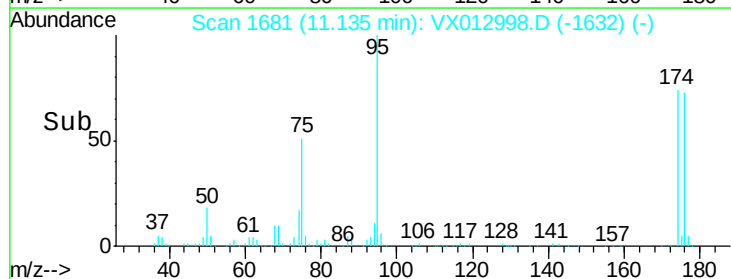
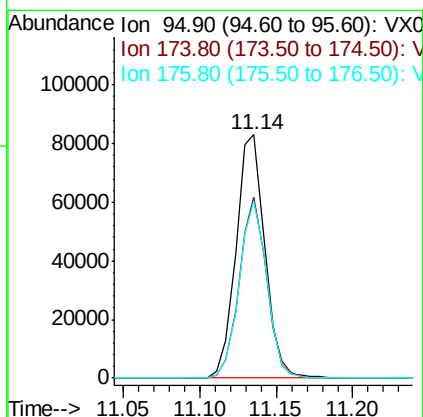
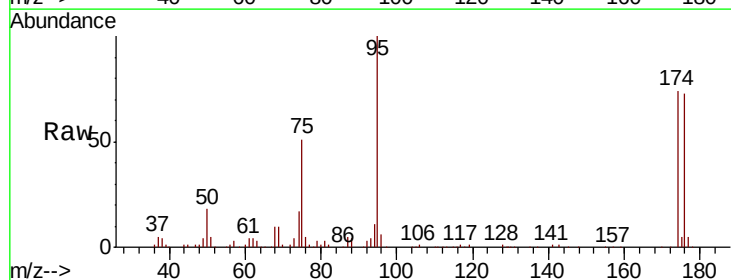
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3601

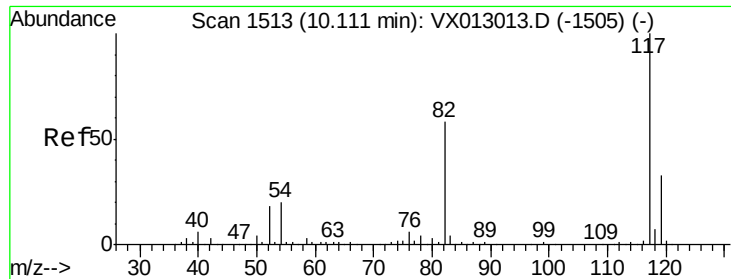
Tot Ion: 98 Resp: 331014
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 43.611 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012998.D
Acq: 10 Oct 2019 16:07

Tgt Ion: 95 Resp: 107754
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.4
176 70.0 0.0 136.0

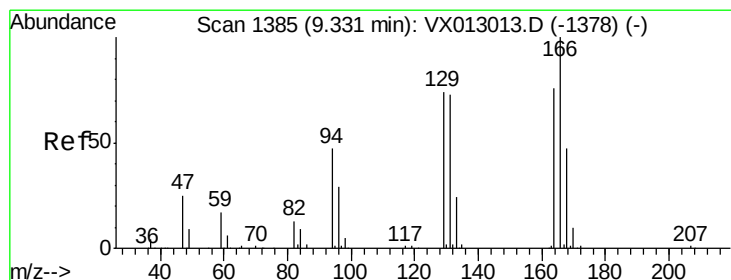
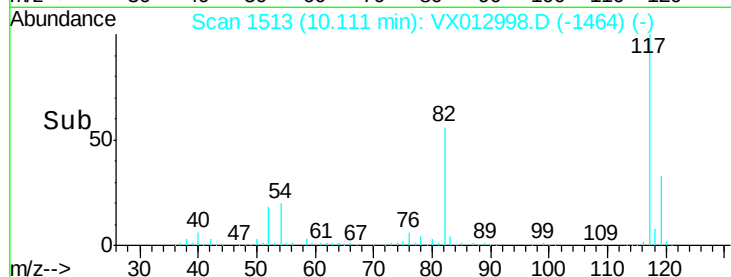
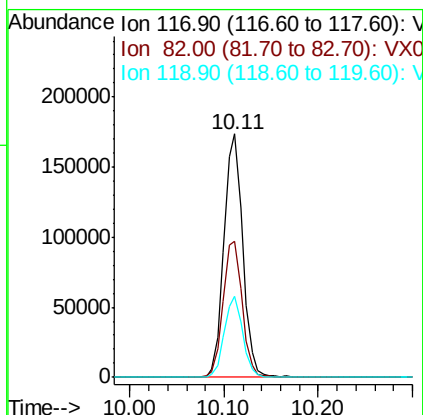
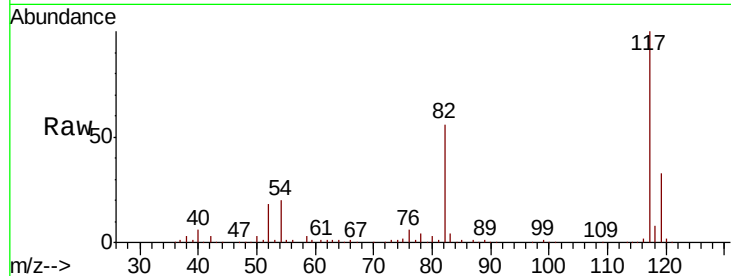




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012998.D
Acq: 10 Oct 2019 16:07

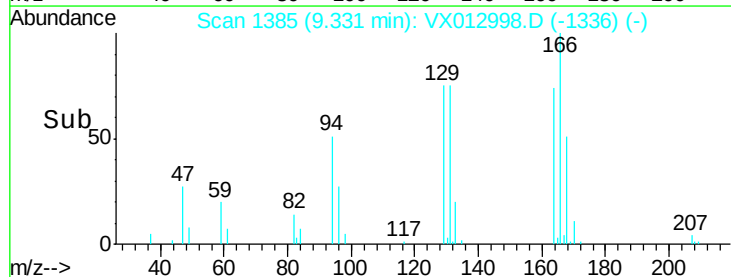
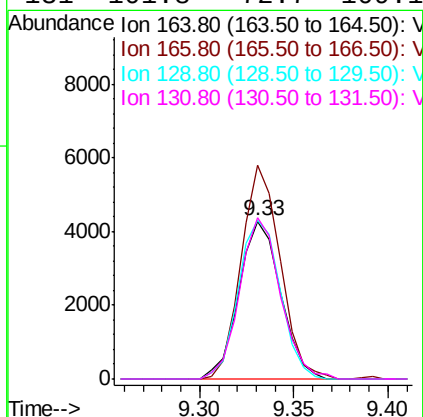
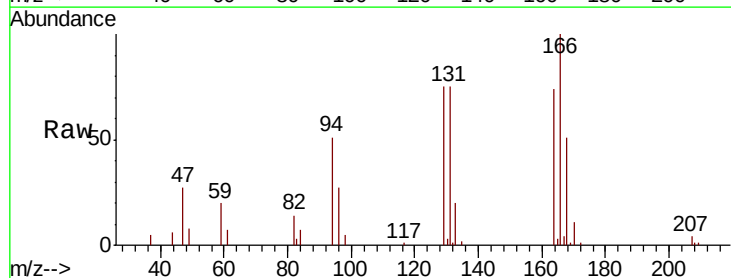
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3601

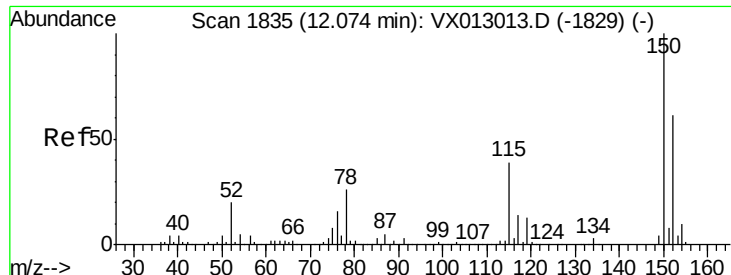
Tot Ion:117 Resp: 240986
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 33.4 25.8 38.8



#64
Tetrachloroethene
Concen: 3.941 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012998.D
Acq: 10 Oct 2019 16:07

Tgt Ion:164 Resp: 6588
Ion Ratio Lower Upper
164 100
166 135.1 96.9 145.3
129 100.8 77.9 116.9
131 101.8 72.7 109.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012998.D

Acq: 10 Oct 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3601

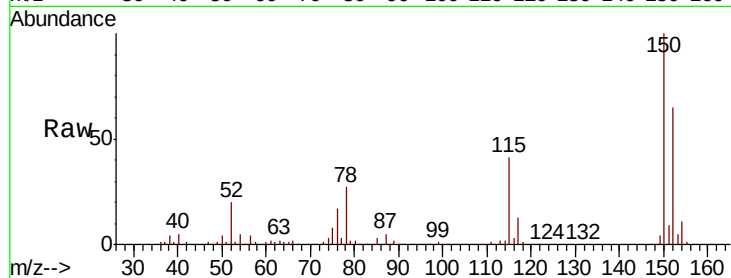
Tot Ion:152 Resp: 87420

Ion Ratio Lower Upper

152 100

115 66.2 44.5 133.5

150 156.3 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

