

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010602.D
 Acq On : 29 May 2019 20:21
 Operator : SY/VA
 Sample : K3084-05
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-8

Quant Time: May 30 08:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

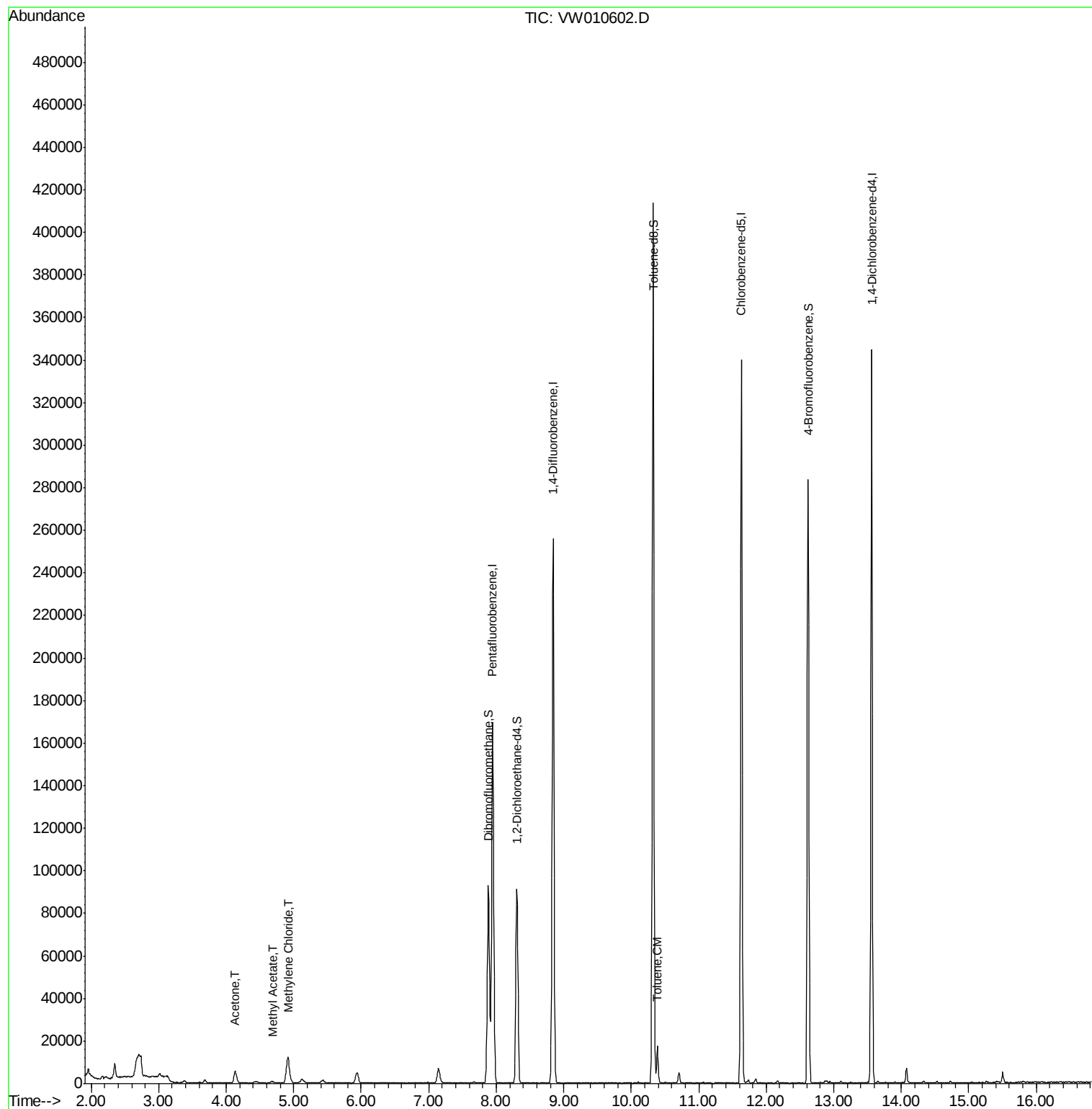
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	125822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	230076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72723	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.88	113	68615	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.32	98	282522	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	103329	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
16) Acetone	4.13	43	10804	40.756	ug/l	95
18) Methyl Acetate	4.69	43	1865	2.877	ug/l	97
20) Methylene Chloride	4.92	84	10298	1.724	ug/l	97
52) Toluene	10.39	92	7679	1.919	ug/l	97

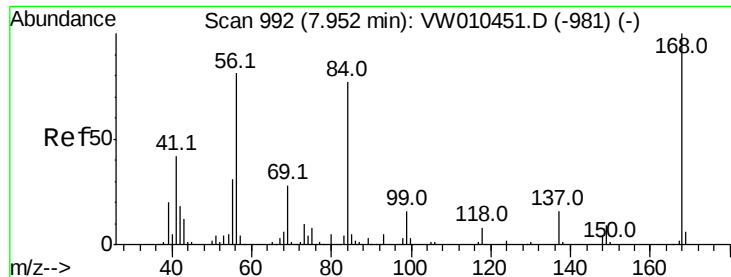
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010602.D

Acq: 29 May 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

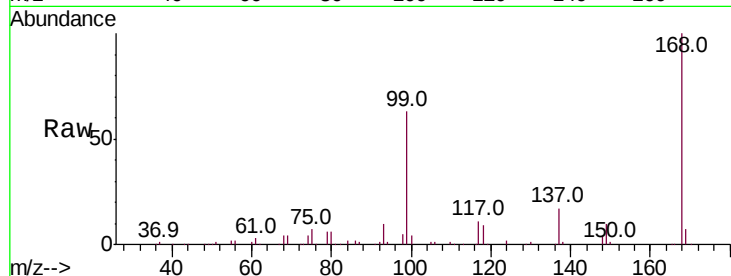
TEST-PIT-8

Tot Ion:168 Resp: 125822

Ion Ratio Lower Upper

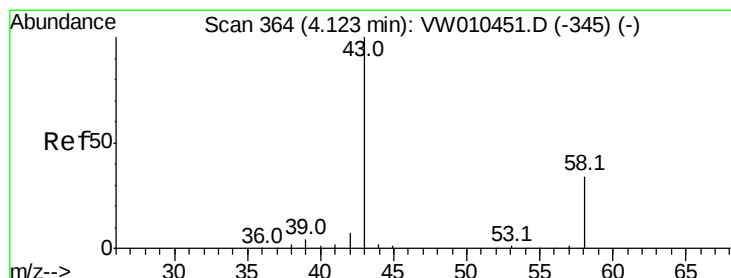
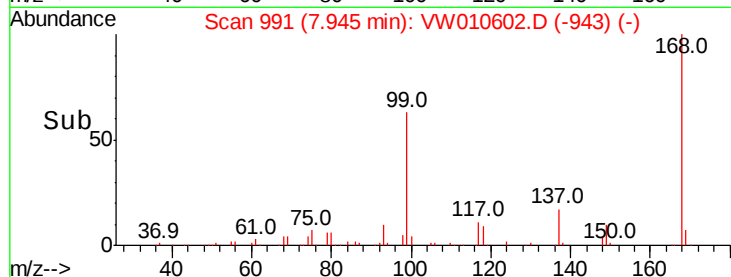
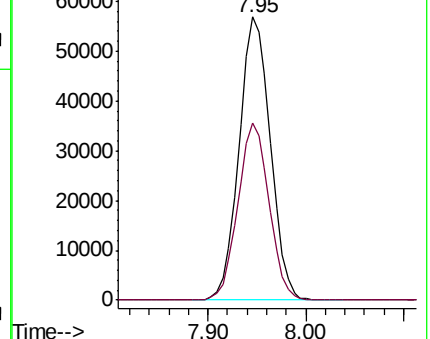
168 100

99 62.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.756 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010602.D

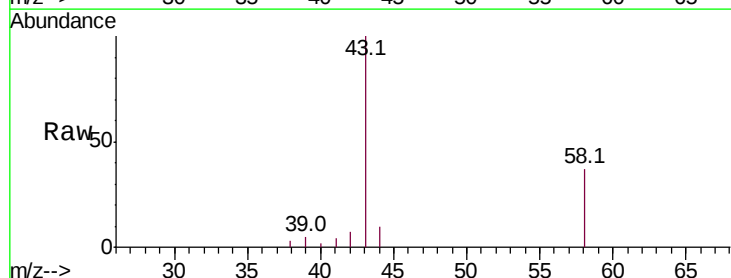
Acq: 29 May 2019 20:21

Tgt Ion: 43 Resp: 10804

Ion Ratio Lower Upper

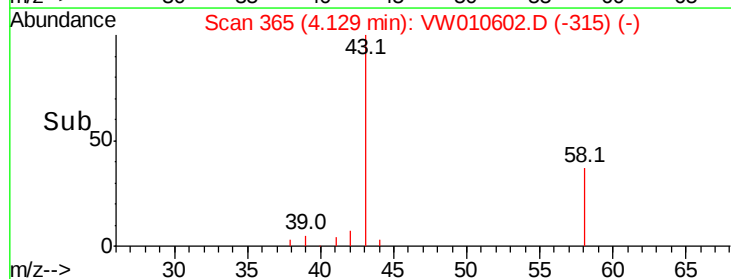
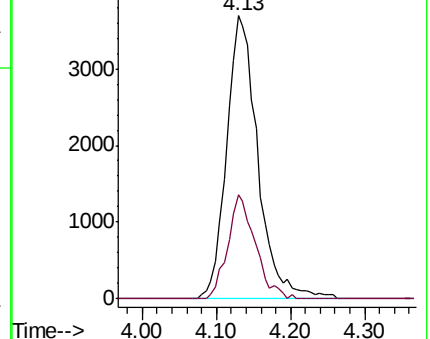
43 100

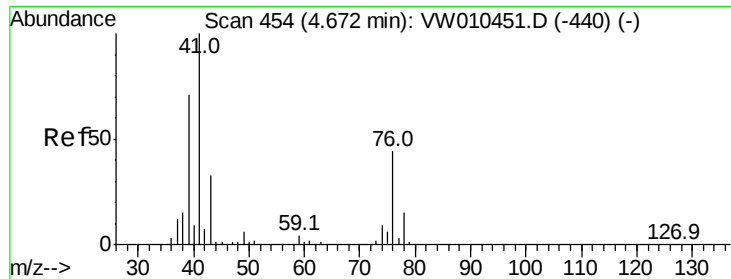
58 36.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

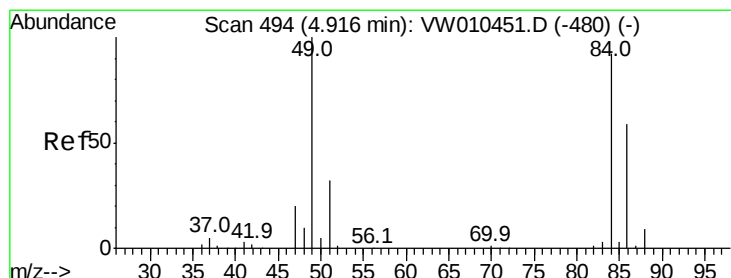
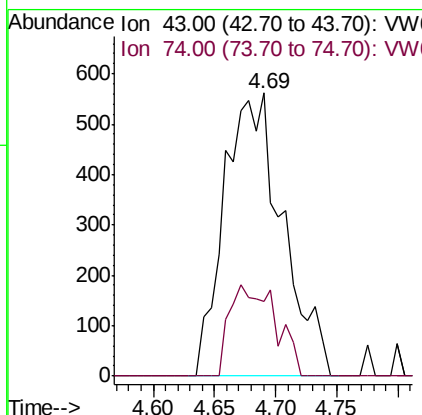
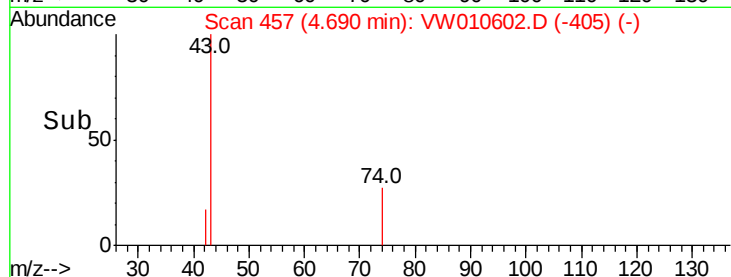
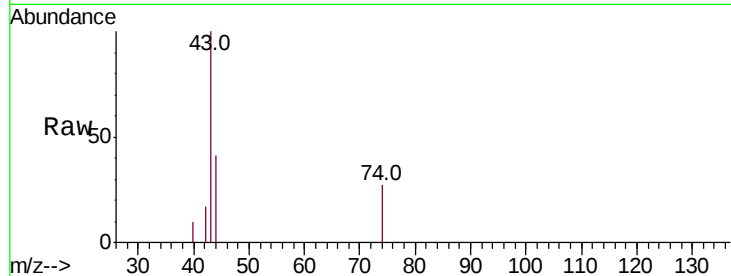




#18
Methyl Acetate
Concen: 2.877 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW010602.D
Acq: 29 May 2019 20:21

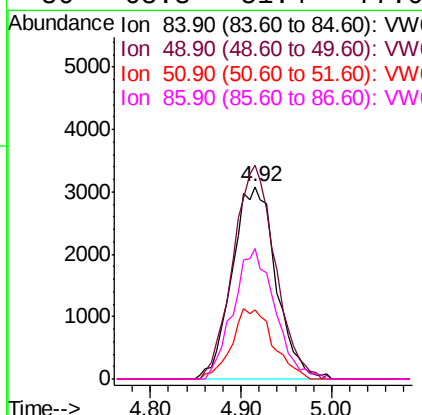
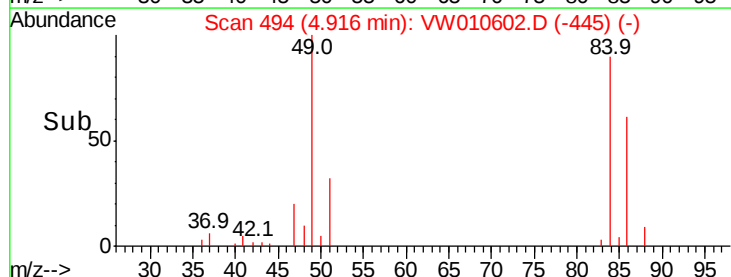
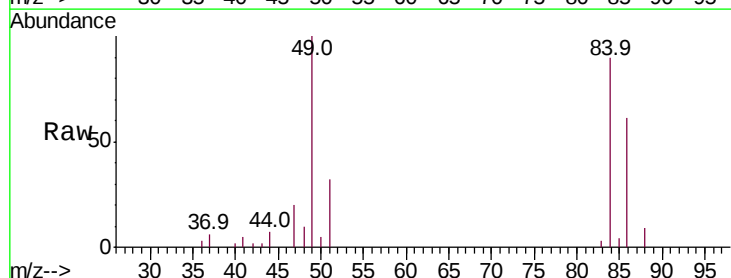
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-8

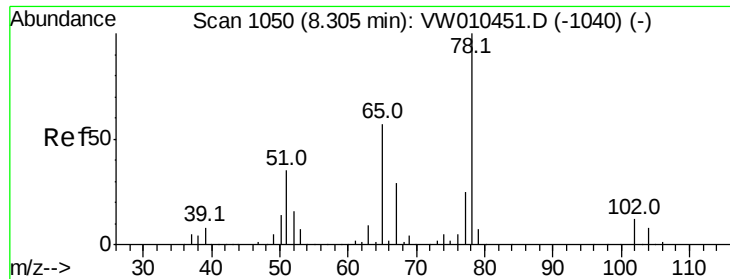
Tot Ion: 43 Resp: 1865
Ion Ratio Lower Upper
43 100
74 25.4 21.6 32.4



#20
Methylene Chloride
Concen: 1.724 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010602.D
Acq: 29 May 2019 20:21

Tgt Ion: 84 Resp: 10298
Ion Ratio Lower Upper
84 100
49 111.1 87.2 130.8
51 35.7 27.7 41.5
86 68.3 51.4 77.0

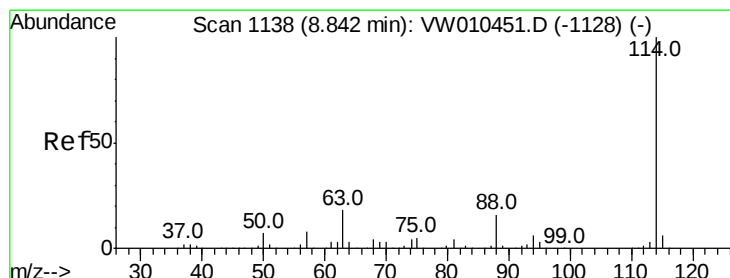
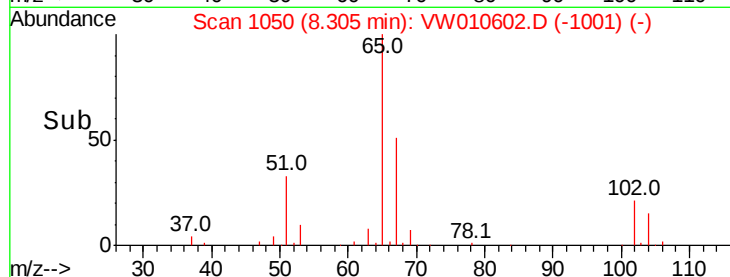
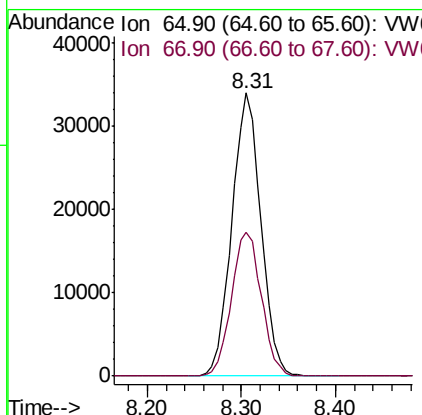
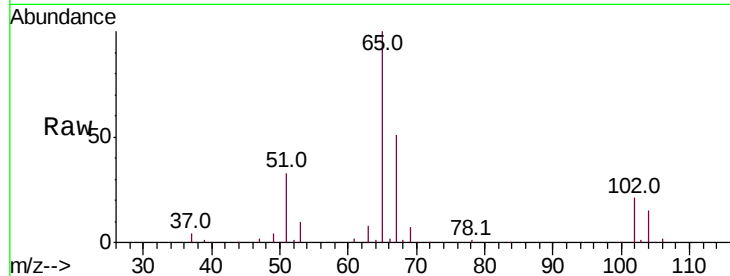




#33
 1,2-Dichloroethane-d4
 Concen: 55.997 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010602.D
 Acq: 29 May 2019 20:21

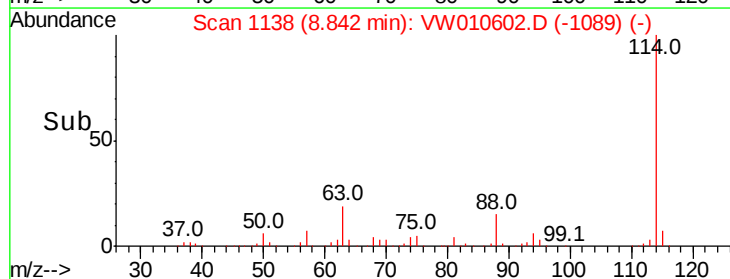
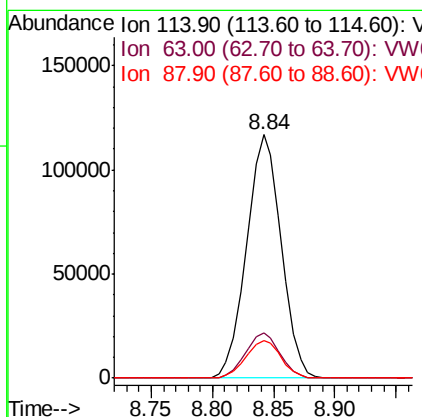
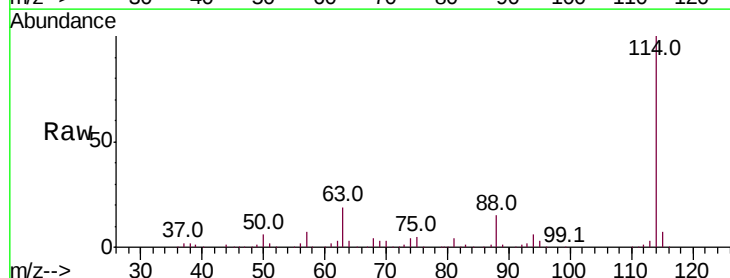
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-8

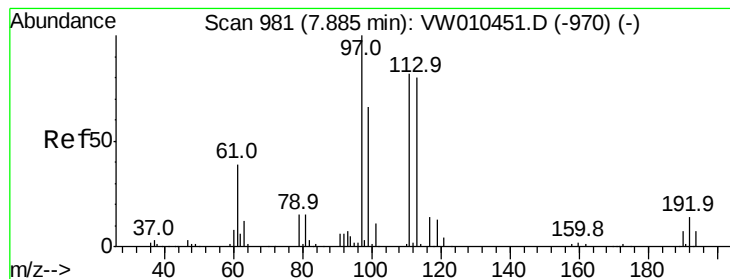
Tot Ion: 65 Resp: 72723
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010602.D
 Acq: 29 May 2019 20:21

Tgt Ion:114 Resp: 230076
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.149 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010602.D

Acq: 29 May 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-8

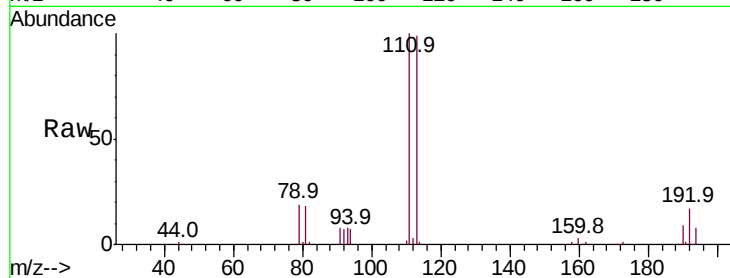
Tot Ion:113 Resp: 68615

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

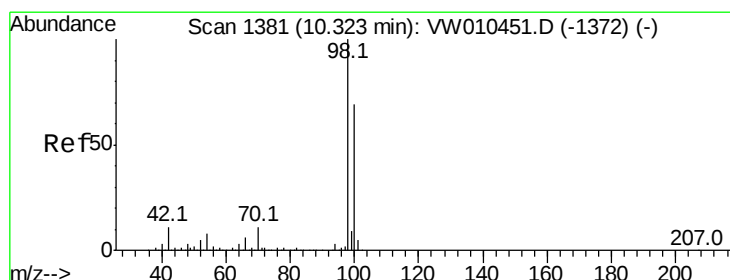
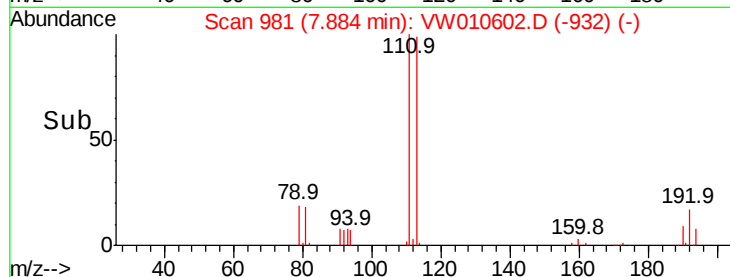
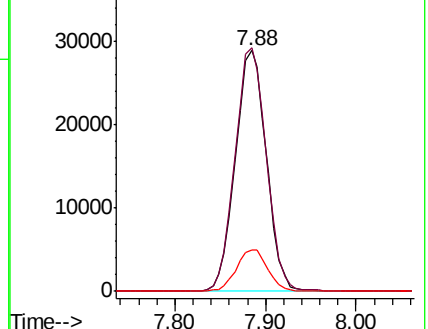
192 17.5 14.3 21.5



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: 52.974 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010602.D

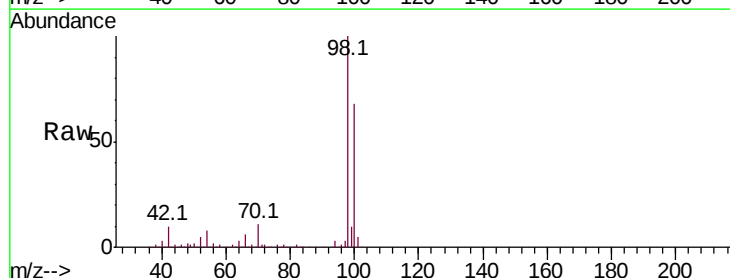
Acq: 29 May 2019 20:21

Tgt Ion: 98 Resp: 282522

Ion Ratio Lower Upper

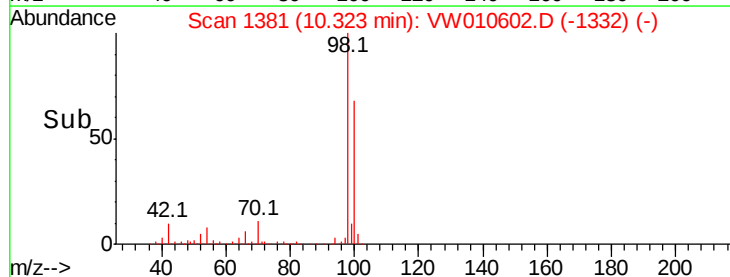
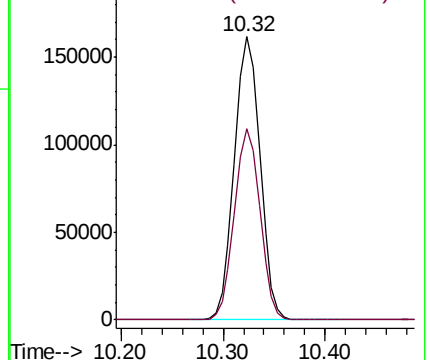
98 100

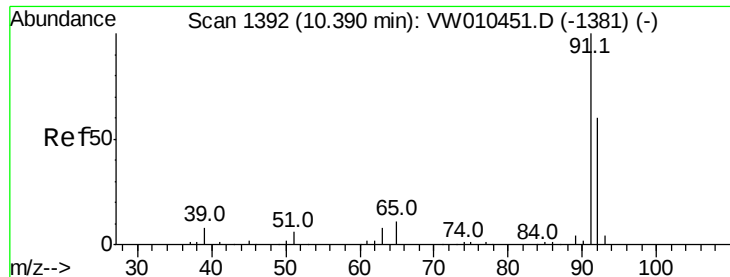
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.919 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010602.D

Acq: 29 May 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

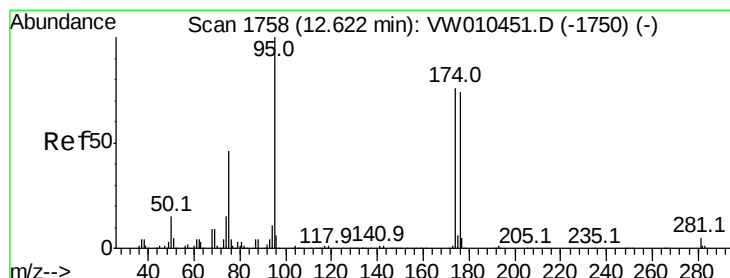
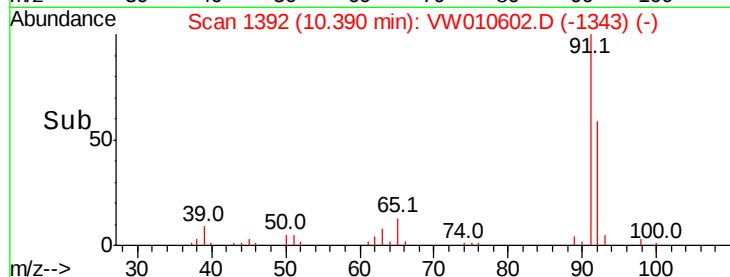
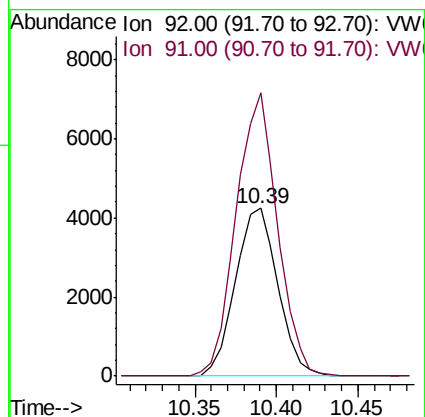
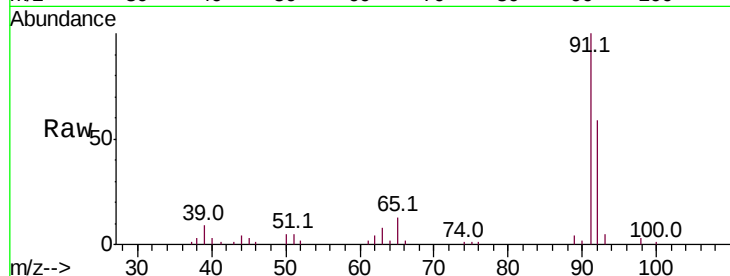
TEST-PIT-8

Tot Ion: 92 Resp: 7679

Ion Ratio Lower Upper

92 100

91 164.5 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 48.641 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010602.D

Acq: 29 May 2019 20:21

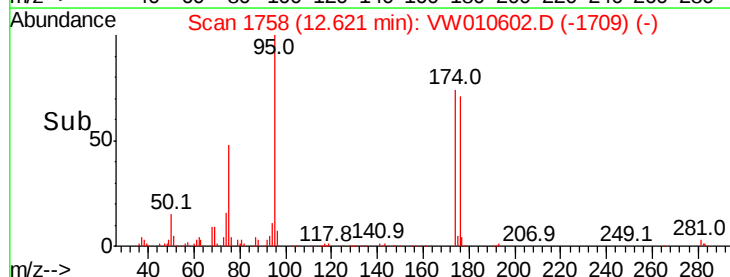
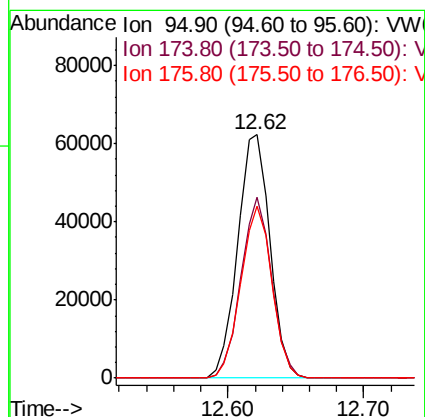
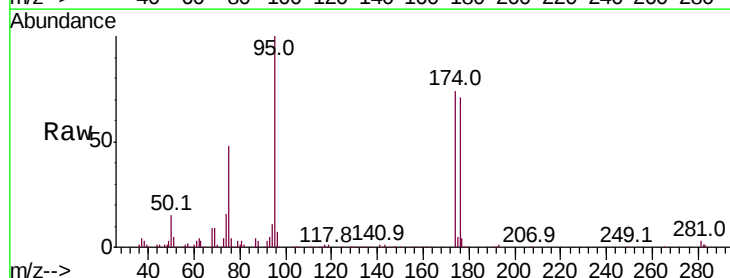
Tgt Ion: 95 Resp: 103329

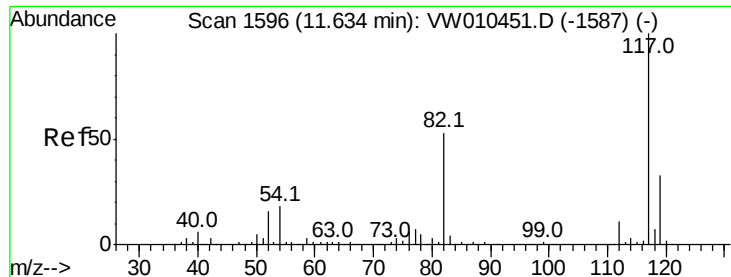
Ion Ratio Lower Upper

95 100

174 70.7 0.0 148.6

176 68.4 0.0 144.2

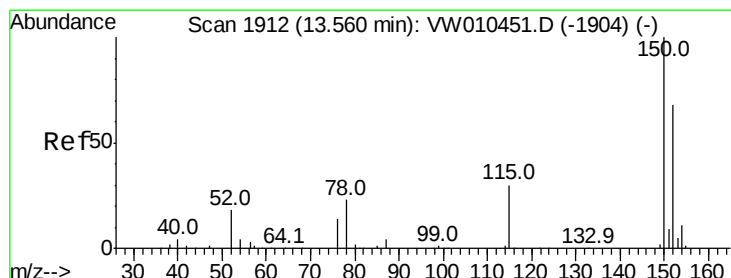
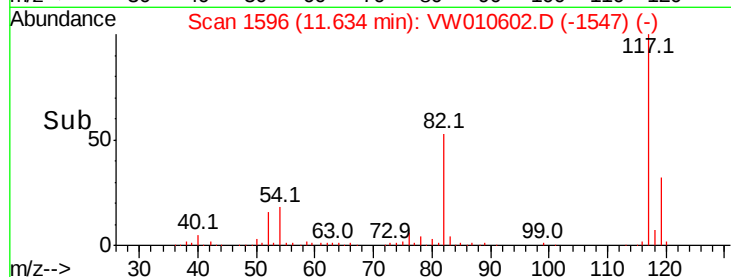
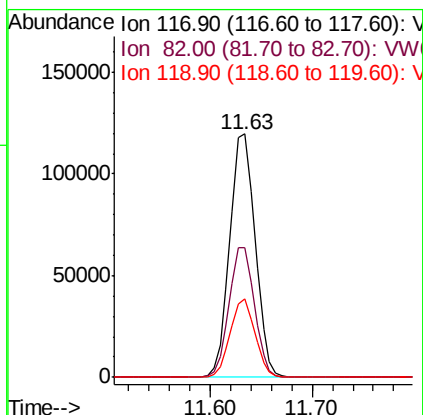
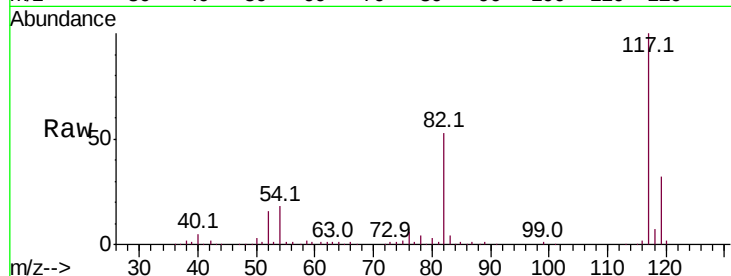




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010602.D
Acq: 29 May 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-8

Tot Ion:117 Resp: 206212
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010602.D
Acq: 29 May 2019 20:21

Tgt Ion:152 Resp: 87416
Ion Ratio Lower Upper
152 100
115 64.4 30.3 91.0
150 162.0 0.0 349.8

