

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011181.D
 Acq On : 09 Jul 2019 16:07
 Operator : SY/VA
 Sample : K3627-01RE
 Misc : 4.46G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-070819RE

Quant Time: Jul 10 05:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

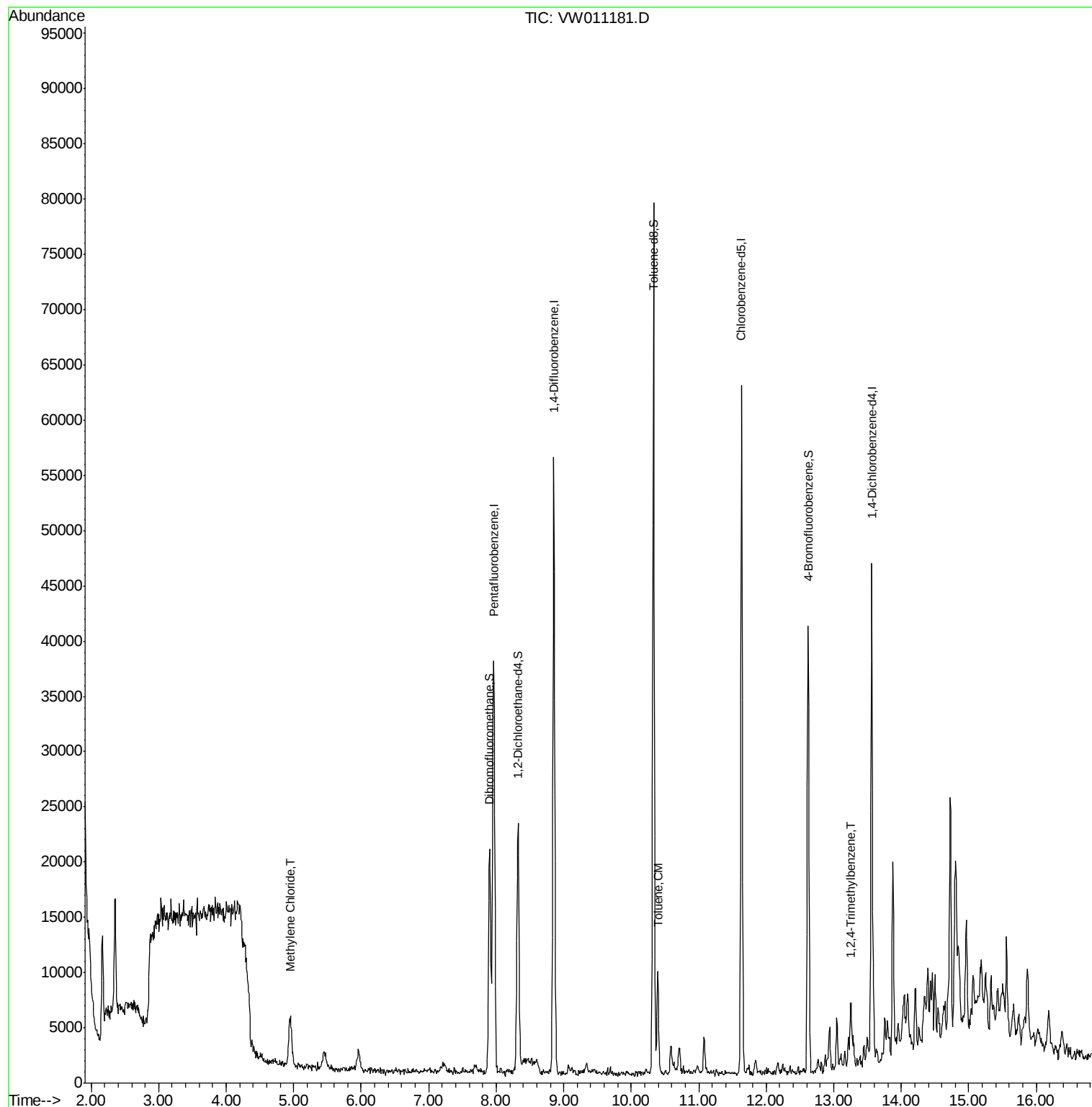
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	26461	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.85	114	42555	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.63	117	31856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	17351	52.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.90	113	13879	54.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.44%	
50) Toluene-d8	10.33	98	49357	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	12862	34.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.46%	
Target Compounds						
20) Methylene Chloride	4.95	84	2823	8.945	ug/l #	79
52) Toluene	10.39	92	3787	4.985	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	3496	5.405	ug/l	91

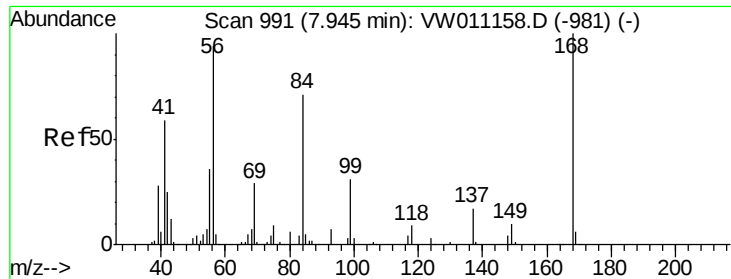
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.02 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

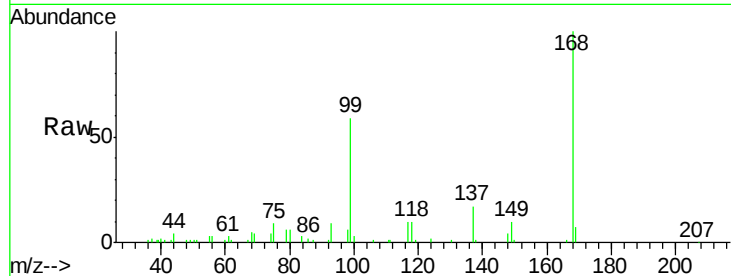
TR-05-070819RE

Tot Ion:168 Resp: 26461

Ion Ratio Lower Upper

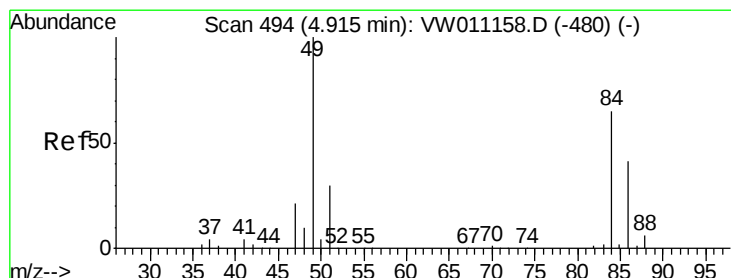
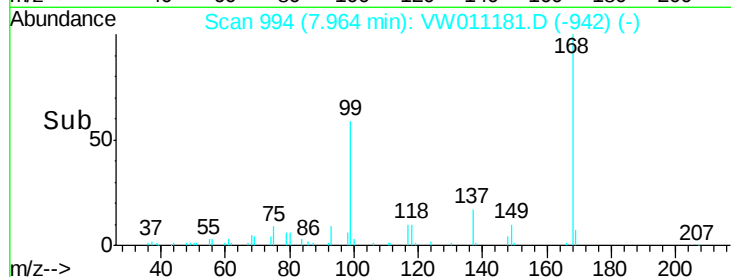
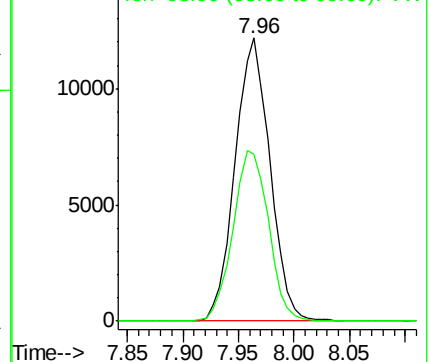
168 100

99 58.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.945 ug/l

RT: 4.95 min Scan# 499

Delta R.T. 0.03 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

Tgt Ion: 84 Resp: 2823

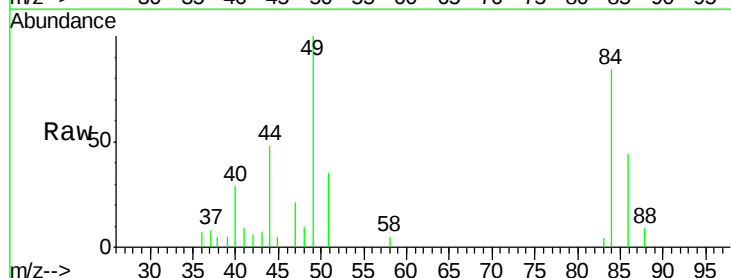
Ion Ratio Lower Upper

84 100

49 119.7 123.8 185.6#

51 42.0 37.4 56.2

86 52.5 51.1 76.7

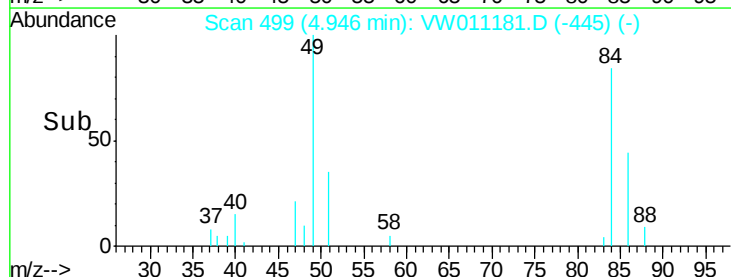
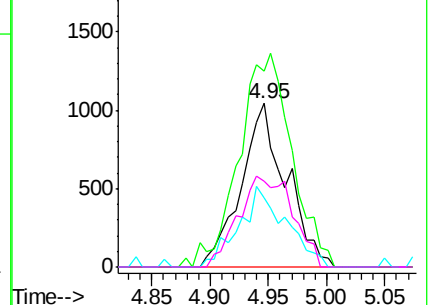


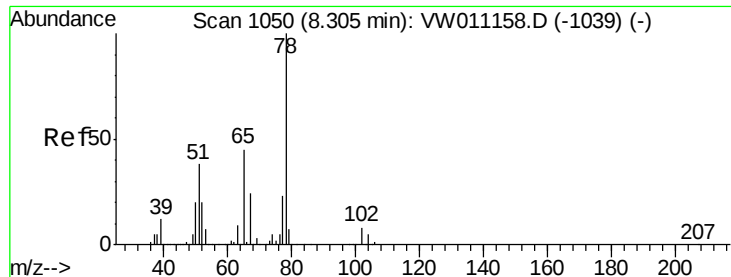
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#33

1,2-Dichloroethane-d4

Concen: 52.185 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

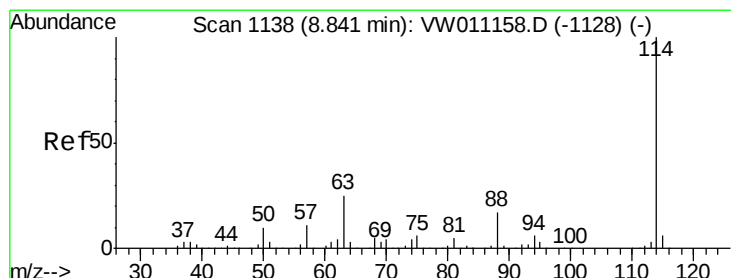
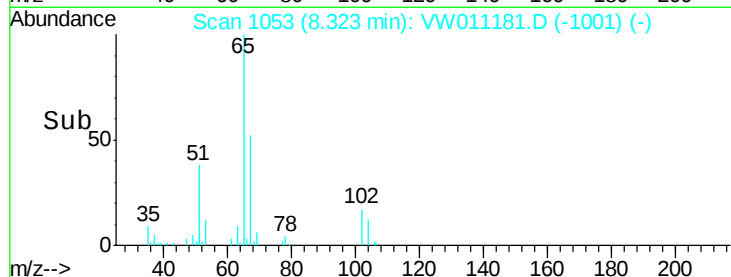
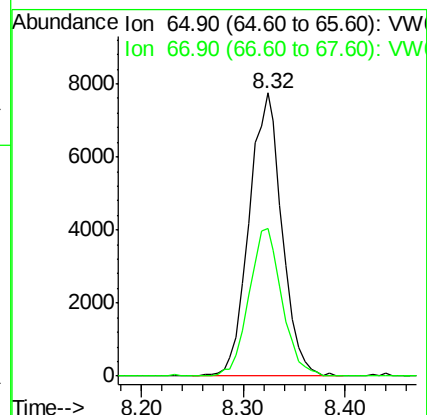
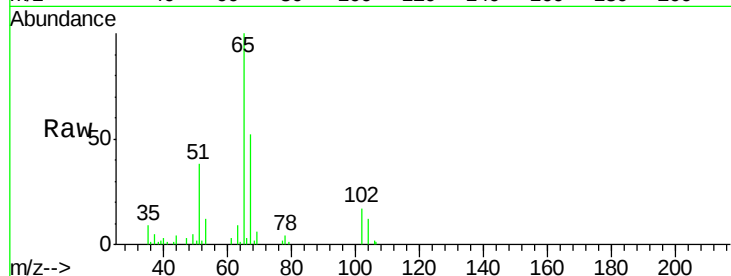
TR-05-070819RE

Tot Ion: 65 Resp: 17351

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

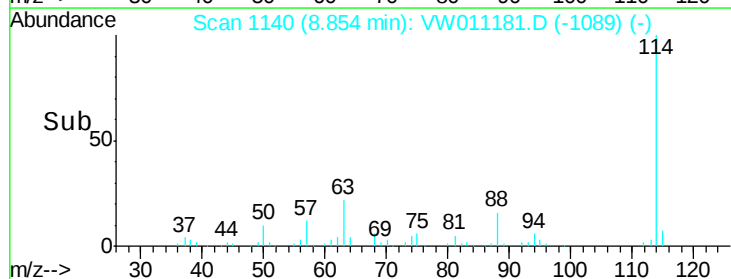
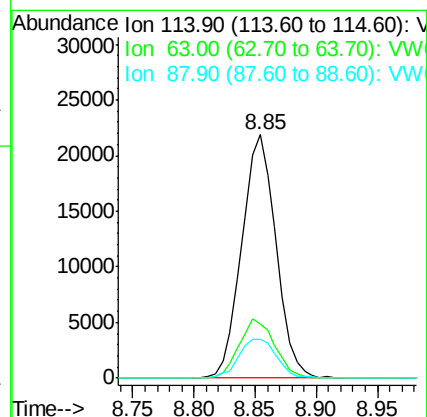
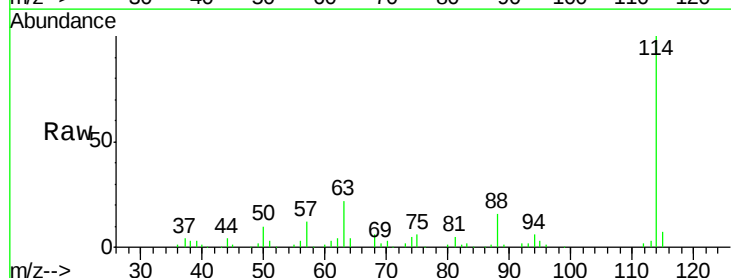
Tgt Ion: 114 Resp: 42555

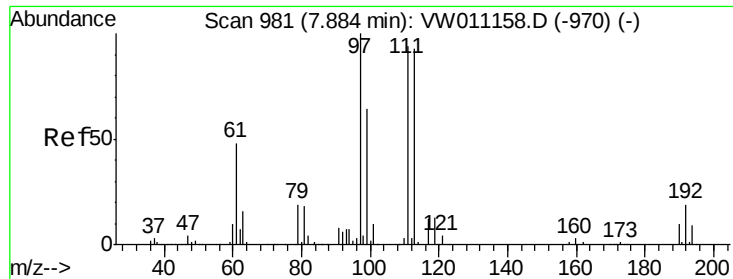
Ion Ratio Lower Upper

114 100

63 22.1 0.0 50.8

88 15.7 0.0 34.2

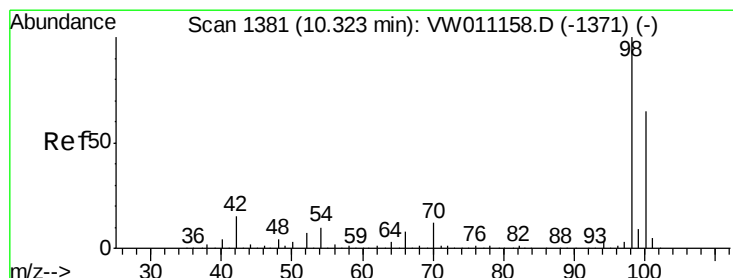
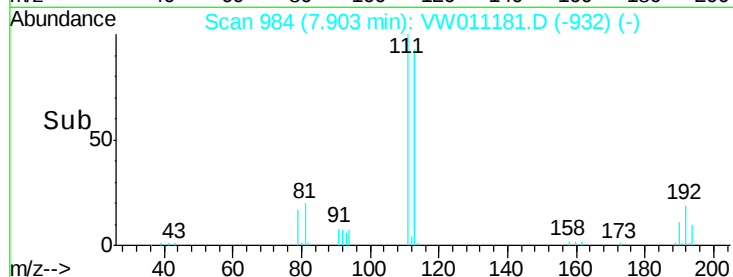
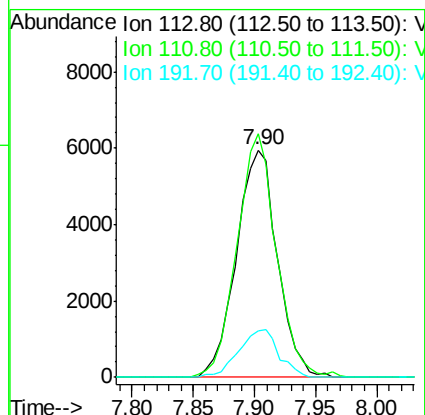
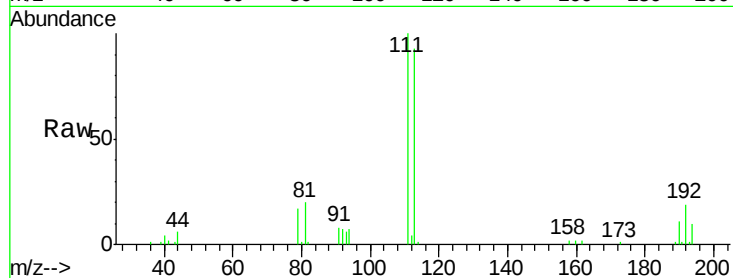




#35
Dibromofluoromethane
Concen: 54.718 ug/l
RT: 7.90 min Scan# 984
Delta R.T. 0.02 min
Lab File: VW011181.D
Acq: 09 Jul 2019 16:07

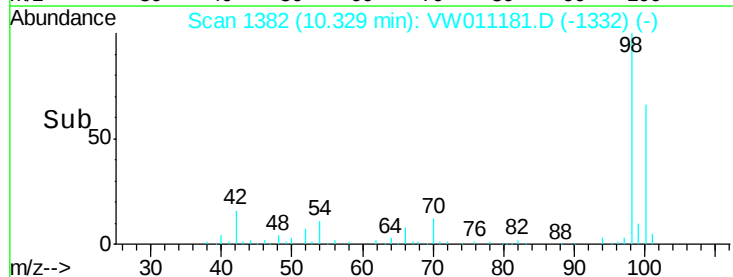
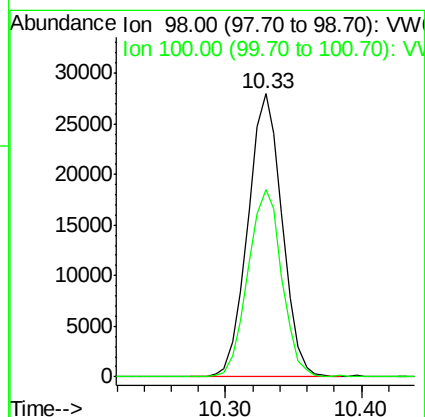
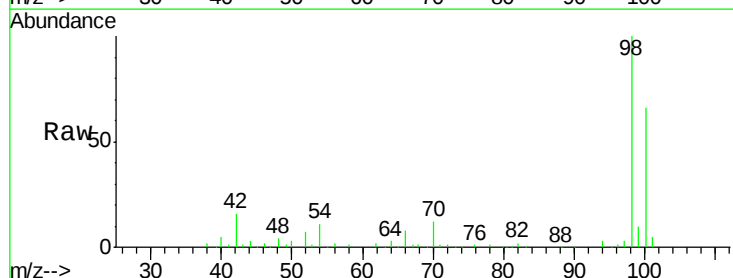
Instrument :
MSVOA_W
ClientSampleId :
TR-05-070819RE

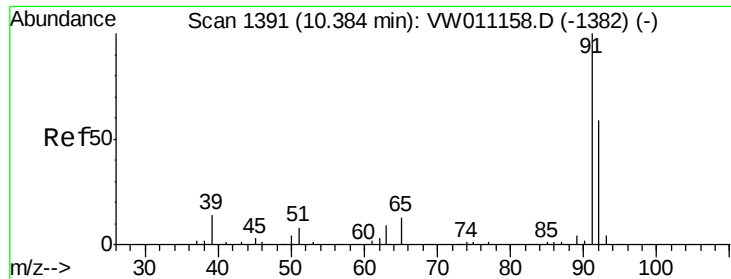
Tot Ion:113 Resp: 13879
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 20.6 15.8 23.8



#50
Toluene-d8
Concen: 48.140 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW011181.D
Acq: 09 Jul 2019 16:07

Tgt Ion: 98 Resp: 49357
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6





#52

Toluene

Concen: 4.985 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

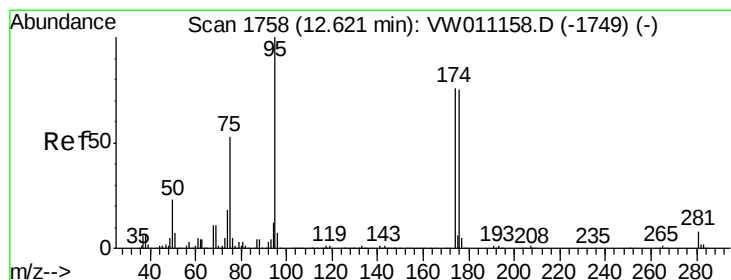
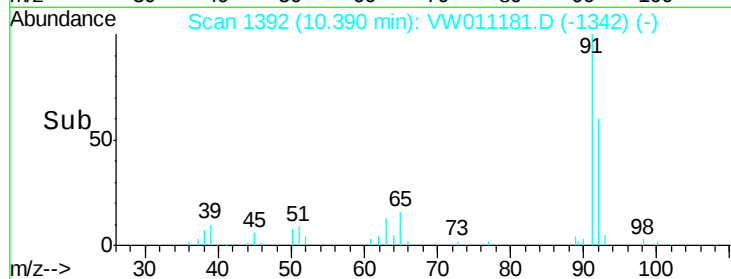
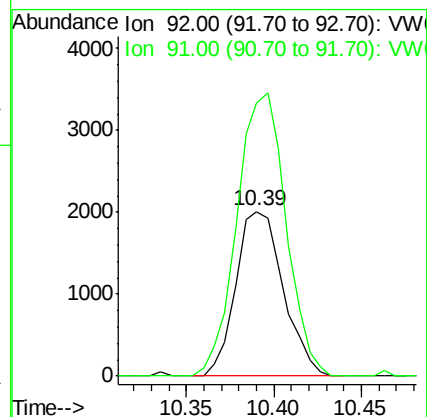
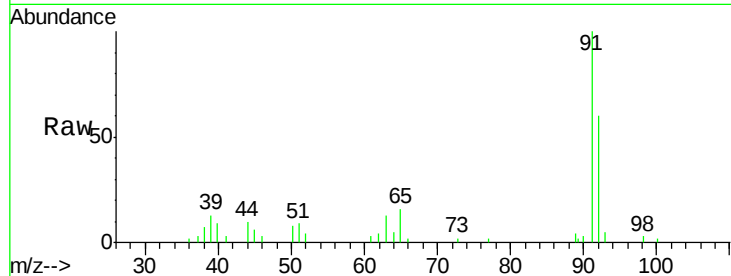
TR-05-070819RE

Tot Ion: 92 Resp: 3787

Ion Ratio Lower Upper

92 100

91 177.6 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 34.226 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

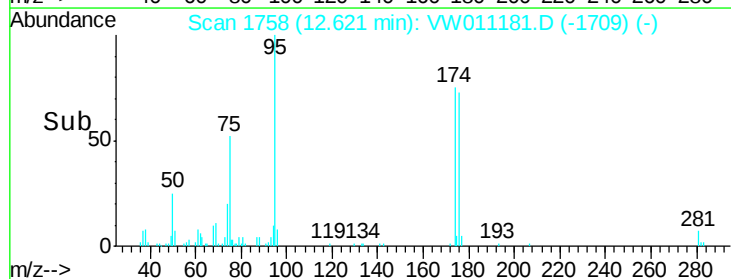
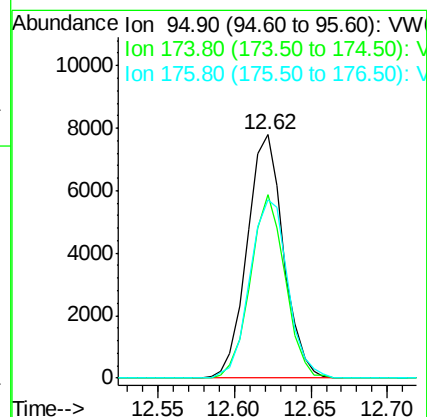
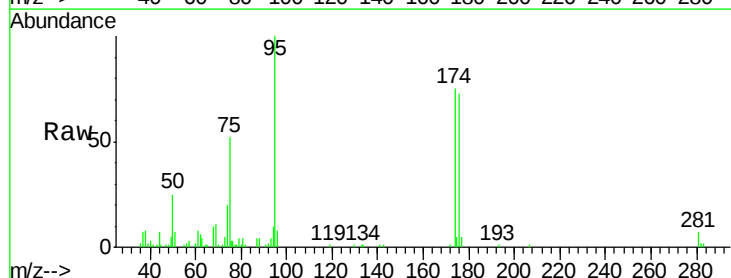
Tgt Ion: 95 Resp: 12862

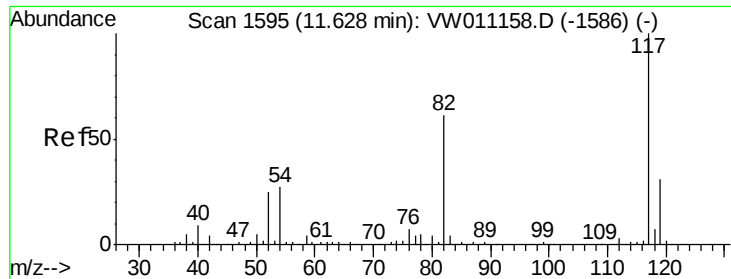
Ion Ratio Lower Upper

95 100

174 71.9 0.0 147.6

176 76.6 0.0 144.6

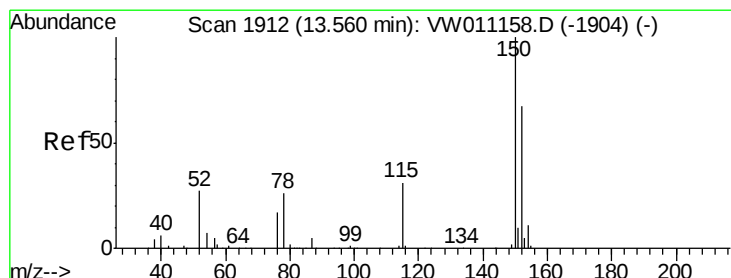
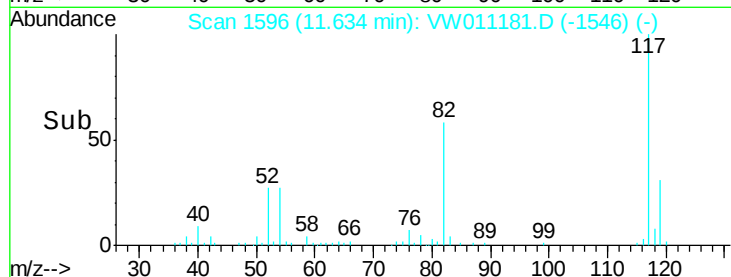
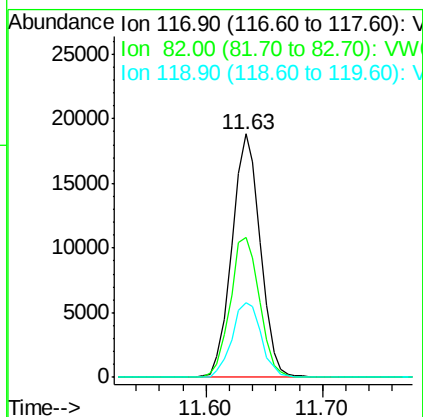
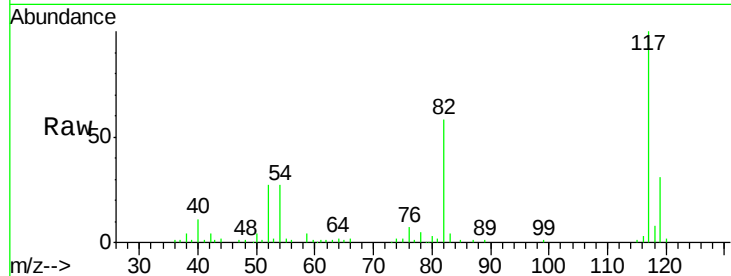




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011181.D
Acq: 09 Jul 2019 16:07

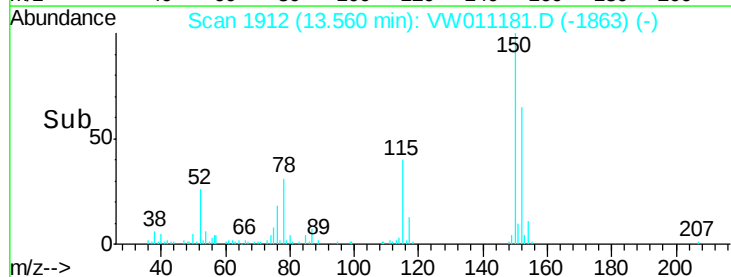
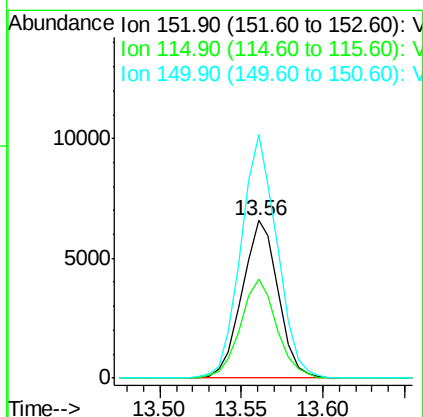
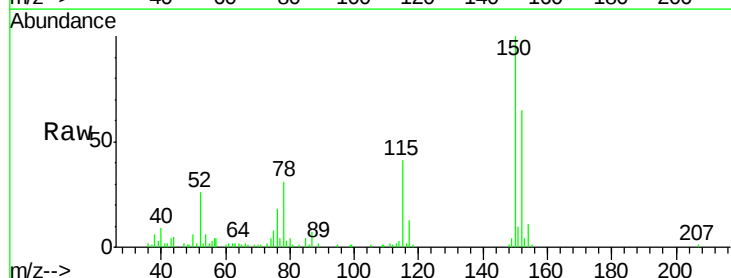
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TR-05-070819RE

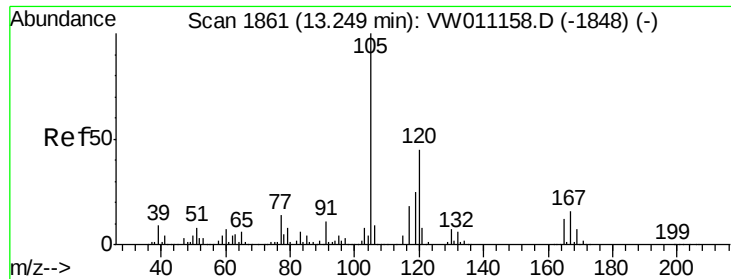
Tot Ion:117 Resp: 31856
Ion Ratio Lower Upper
117 100
82 57.5 48.9 73.3
119 30.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011181.D
Acq: 09 Jul 2019 16:07

Tgt Ion:152 Resp: 10143
Ion Ratio Lower Upper
152 100
115 62.9 30.1 90.3
150 154.2 0.0 346.0





#84

1,2,4-Trimethylbenzene

Concen: 5.405 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW011181.D

Acq: 09 Jul 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

TR-05-070819RE

Tot Ion:105 Resp: 3496

Ion Ratio Lower Upper

105 100

120 38.5 22.3 66.9

