

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004824.D
 Acq On : 21 Aug 2018 07:09
 Operator : SY/AP
 Sample : J4521-25
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

Quant Time: Aug 21 08:27:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

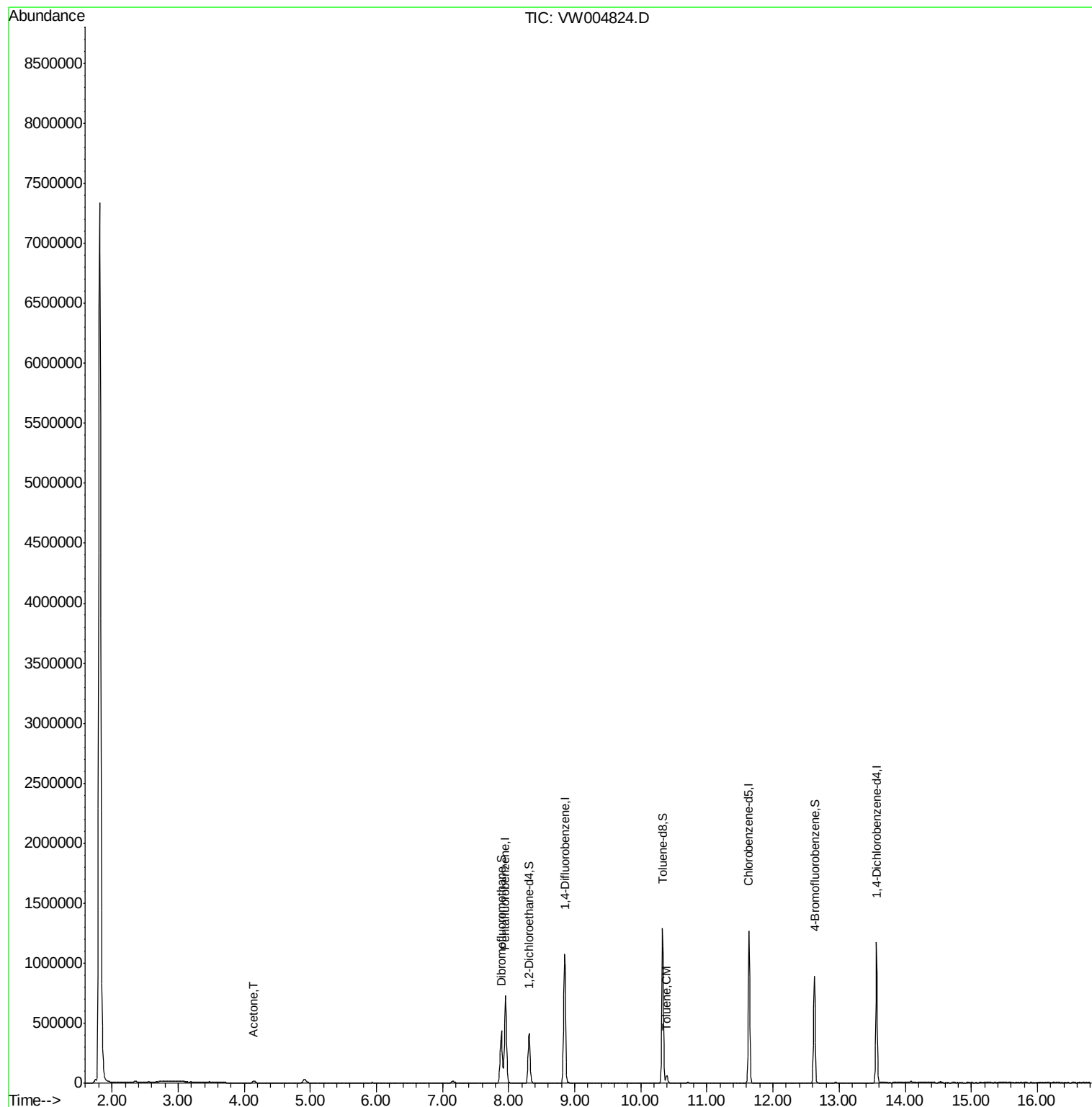
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	560879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	927246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	747997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	312752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	317720	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
35) Dibromofluoromethane	7.89	113	315849	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.33	98	855478	36.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.96%	
62) 4-Bromofluorobenzene	12.62	95	302765	36.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.76%	
Target Compounds						
16) Acetone	4.14	43	28478	20.57	ug/l	Qvalue 100
52) Toluene	10.39	92	26727	1.61	ug/l	97

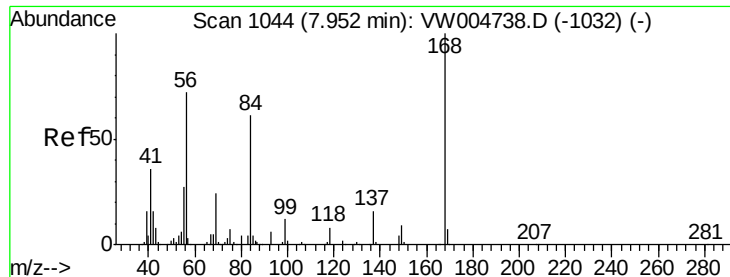
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004824.D

Acq: 21 Aug 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

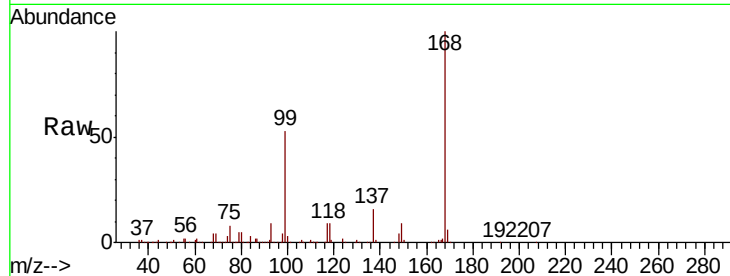
72-11988

Tot Ion:168 Resp: 560879

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

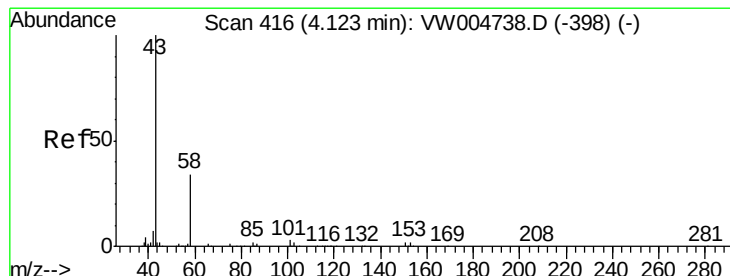
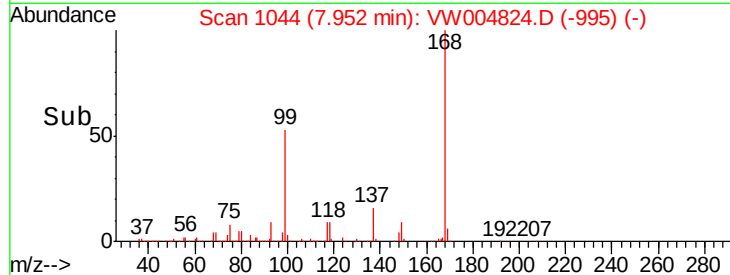
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.57 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004824.D

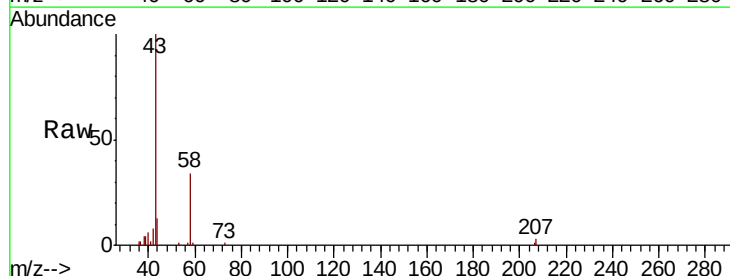
Acq: 21 Aug 2018 07:09

Tgt Ion: 43 Resp: 28478

Ion Ratio Lower Upper

43 100

58 34.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

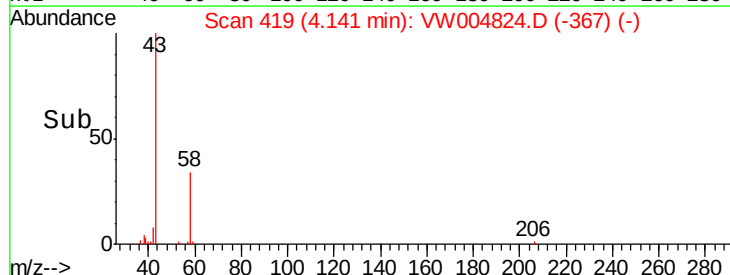
6000

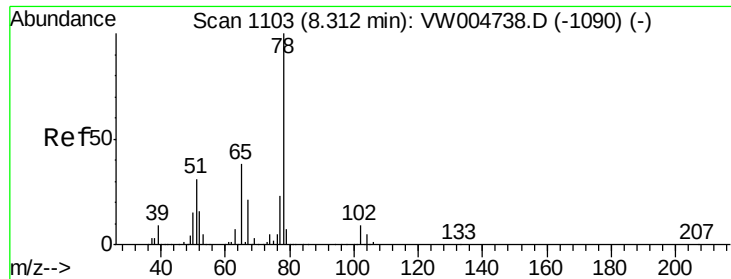
4000

2000

0

Time-->

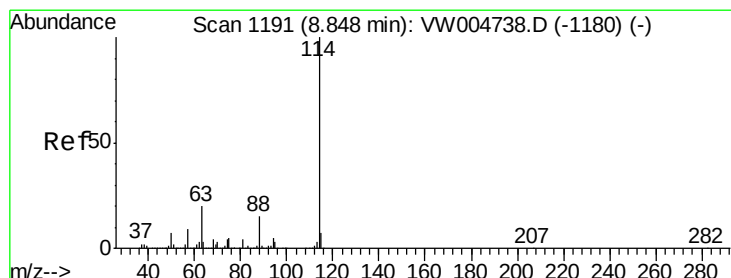
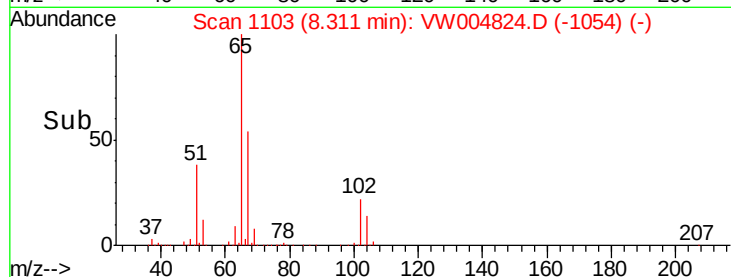
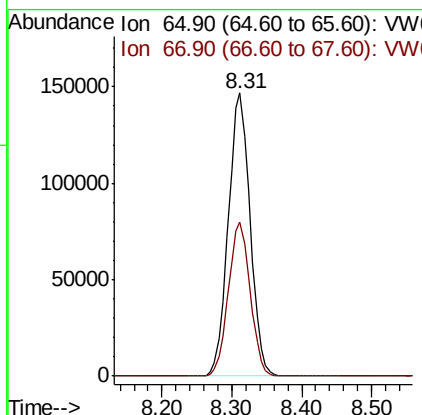
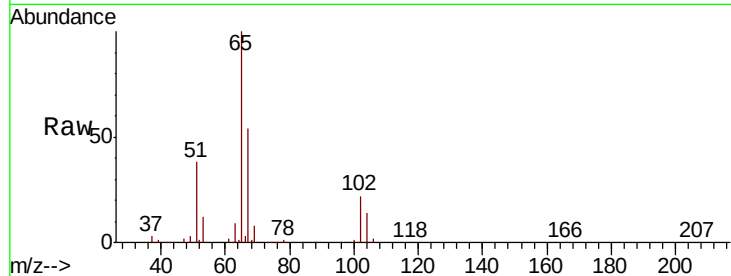




#33
 1,2-Dichloroethane-d4
 Concen: 58.59 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004824.D
 Acq: 21 Aug 2018 07:09

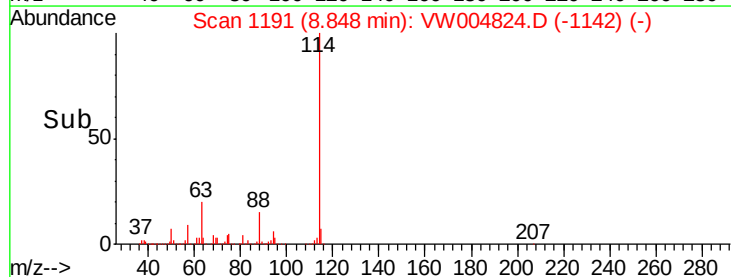
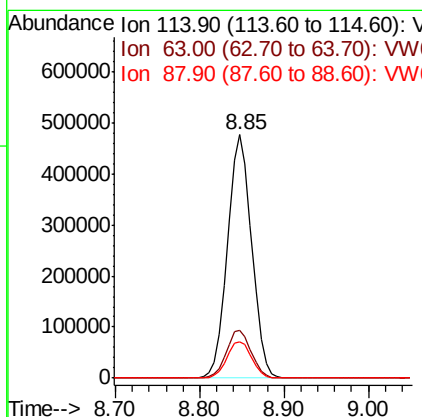
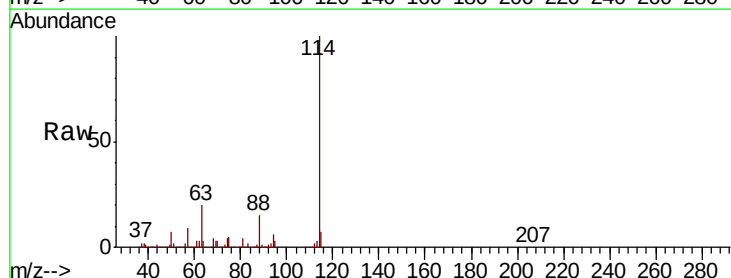
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

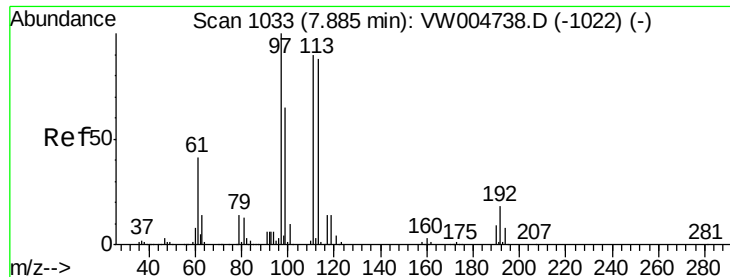
Tot Ion: 65 Resp: 317720
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004824.D
 Acq: 21 Aug 2018 07:09

Tgt Ion: 114 Resp: 927246
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.0 0.0 30.0

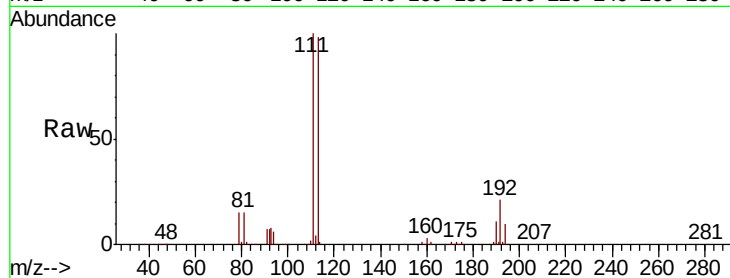




#35
 Dibromofluoromethane
 Concen: 53.30 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004824.D
 Acq: 21 Aug 2018 07:09

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	20.9	16.7	25.1

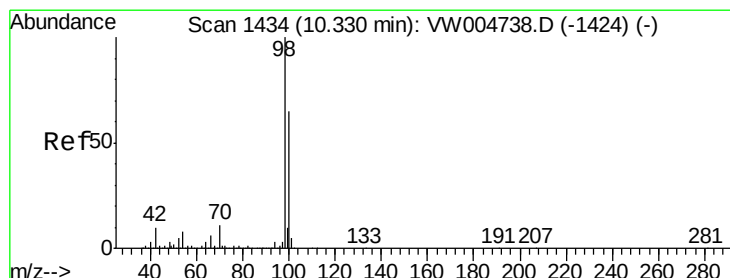
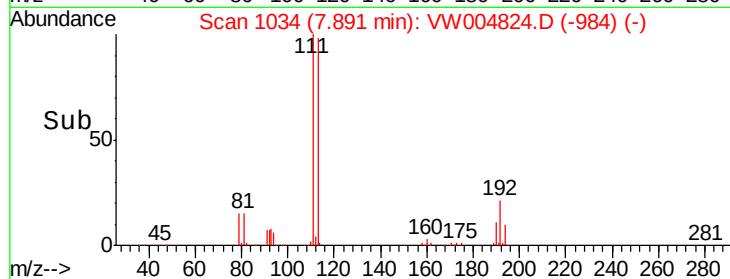
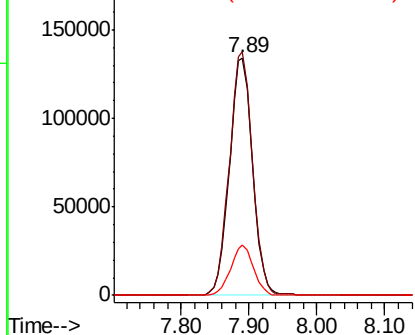


Abundance

Ion 112.80 (112.50 to 113.50): V

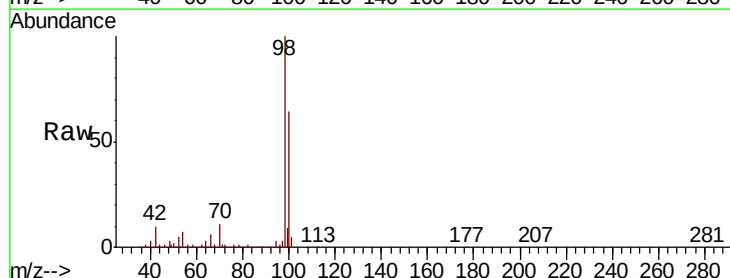
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 36.98 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004824.D
 Acq: 21 Aug 2018 07:09

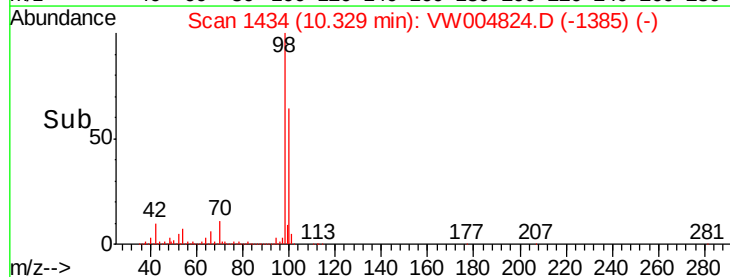
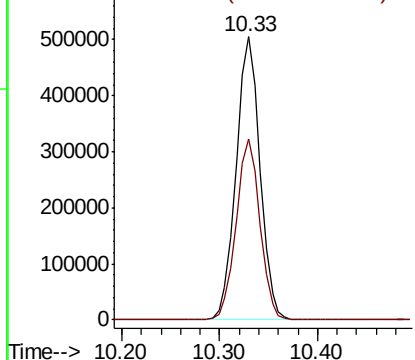
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.8	77.8

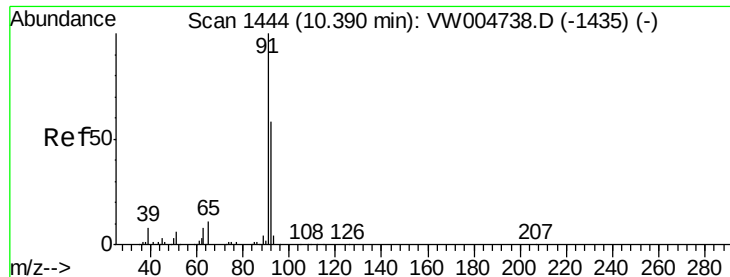


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.61 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004824.D

Acq: 21 Aug 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

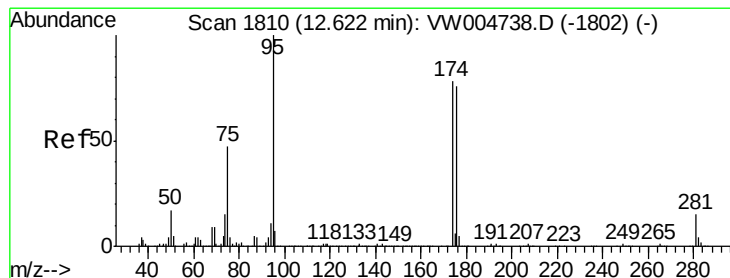
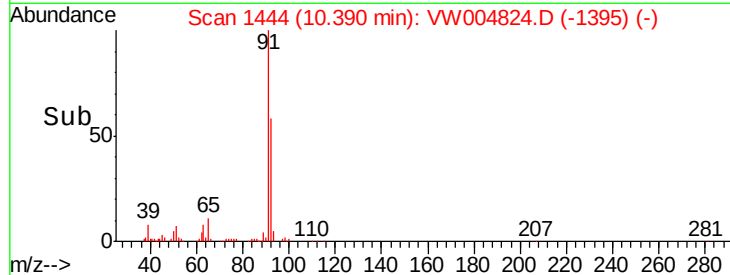
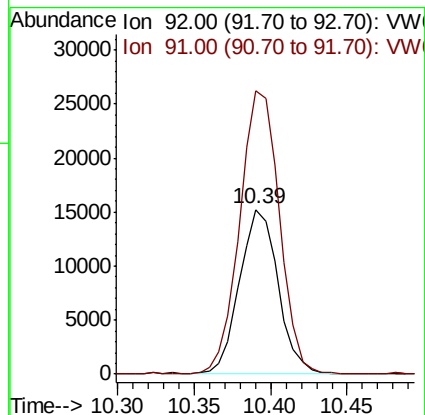
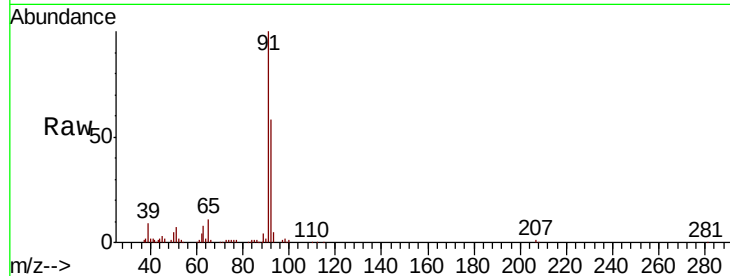
72-11988

Tot Ion: 92 Resp: 26727

Ion Ratio Lower Upper

92 100

91 177.2 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 36.38 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004824.D

Acq: 21 Aug 2018 07:09

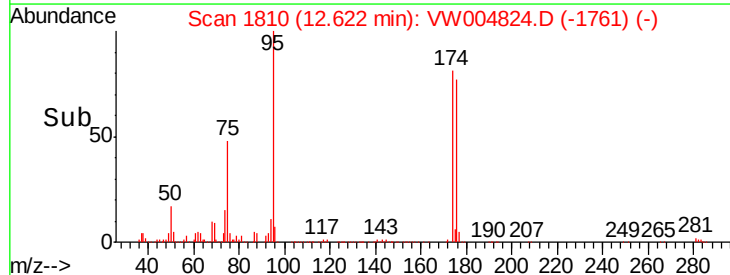
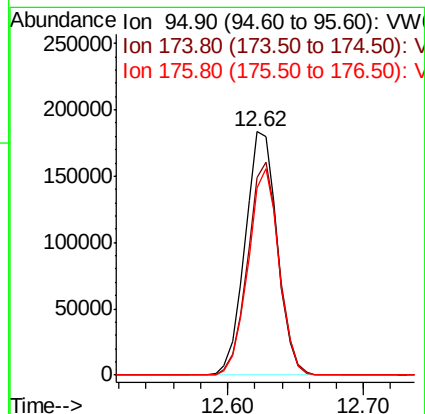
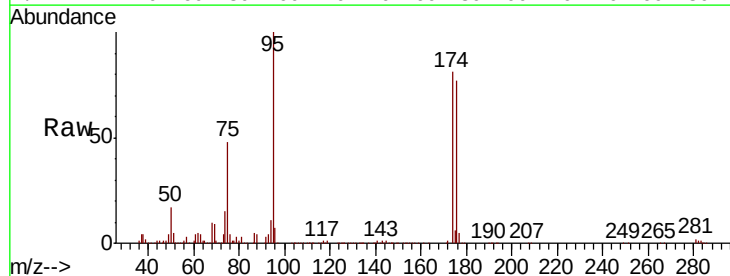
Tgt Ion: 95 Resp: 302765

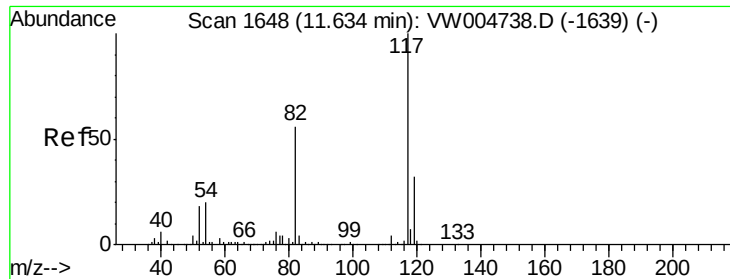
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 81.7 0.0 159.8

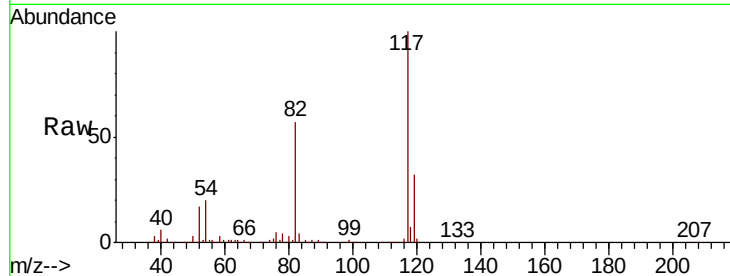




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004824.D
Acq: 21 Aug 2018 07:09

Instrument :
MSVOA_W
ClientSampleId :
72-11988

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	67.0
119	32.1	25.6	38.4

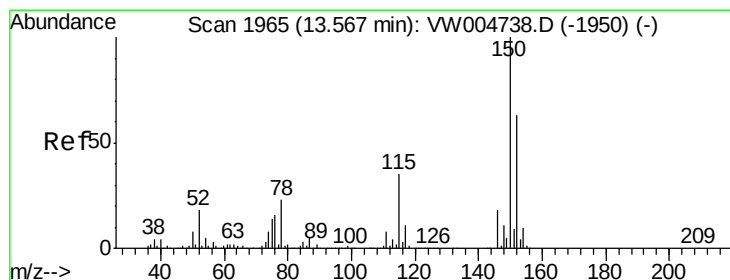
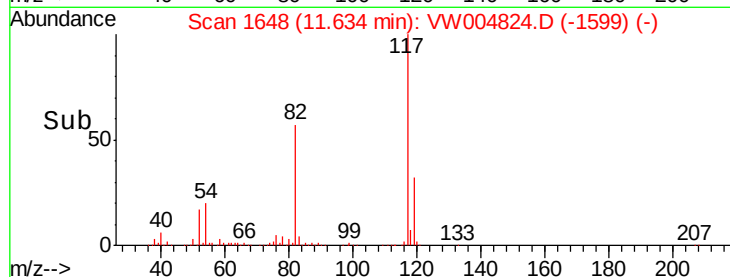
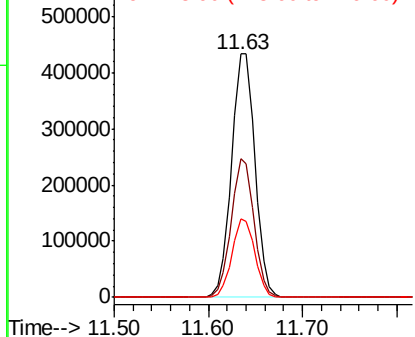


Abundance

Ion 116.90 (116.60 to 117.60): V

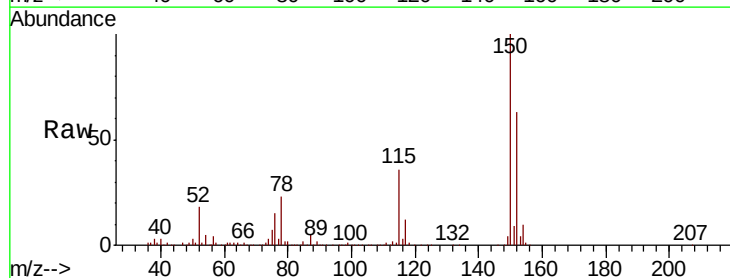
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004824.D
Acq: 21 Aug 2018 07:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.5	85.5
150	157.6	0.0	344.8



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

