

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003608.D
 Acq On : 27 Jun 2018 12:57
 Operator : SY/AP
 Sample : J3241-13RE
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-062218-ARE

Quant Time: Jun 27 14:36:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

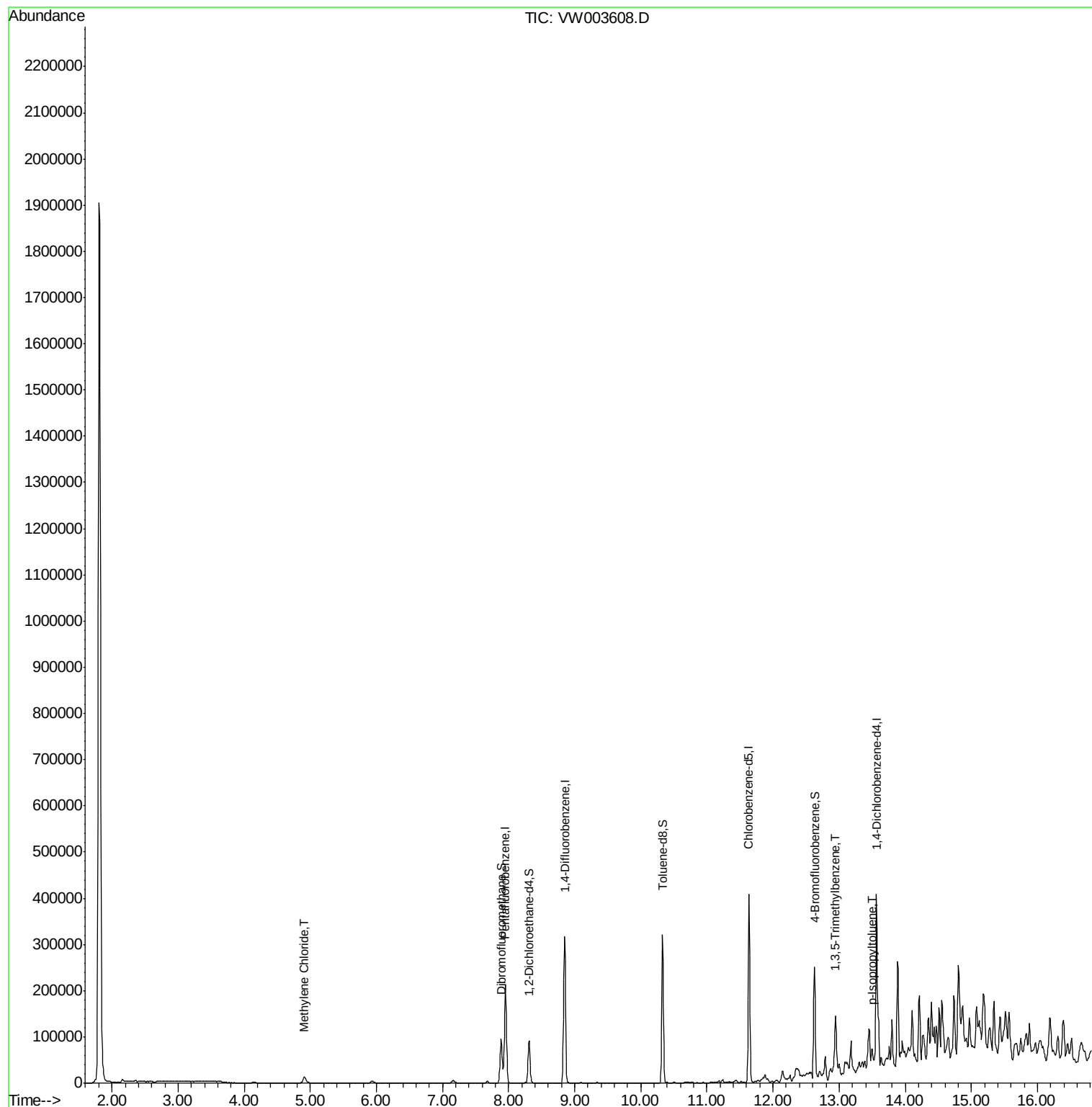
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	218284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74306	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
35) Dibromofluoromethane	7.89	113	66813	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
50) Toluene-d8	10.33	98	204449	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.18%	
62) 4-Bromofluorobenzene	12.63	95	72926	33.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.70%	
Target Compounds						
20) Methylene Chloride	4.91	84	9183	2.81	ug/l	89
80) 1,3,5-Trimethylbenzene	12.95	105	22193	4.26	ug/l	98
86) p-Isopropyltoluene	13.51	119	9600	1.65	ug/l	96

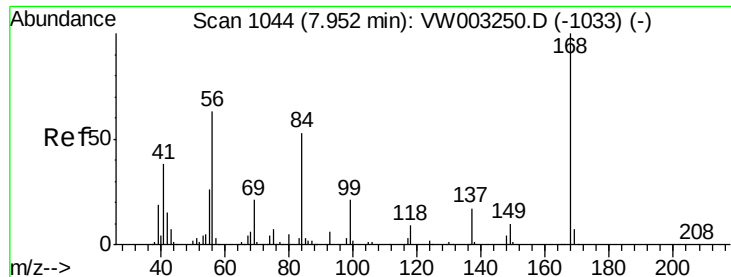
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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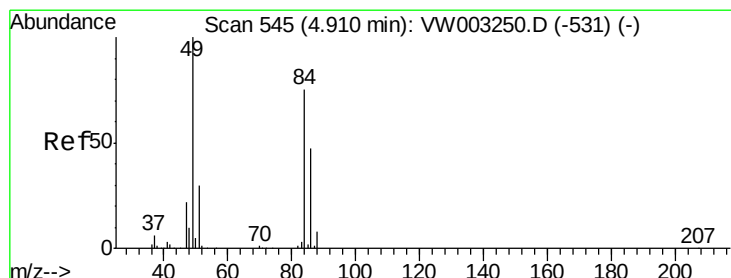
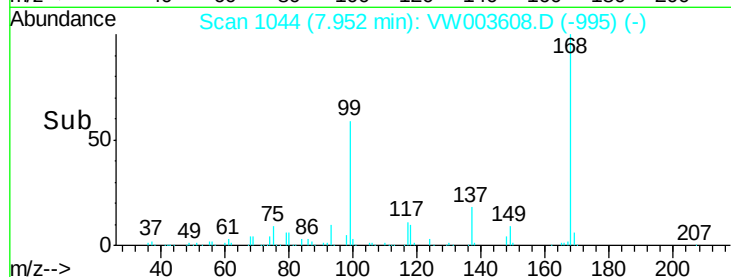
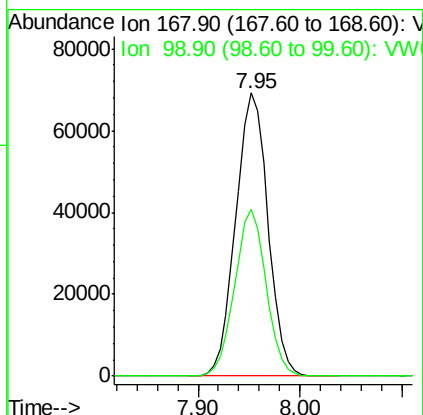
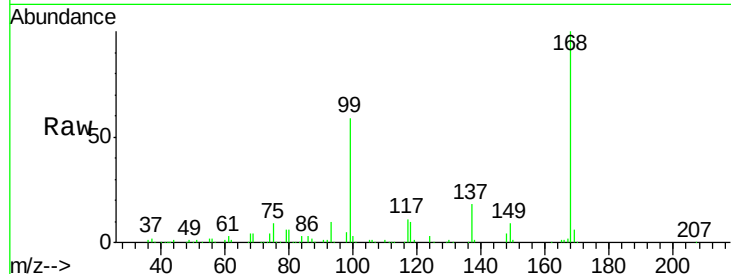


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-062218-ARE

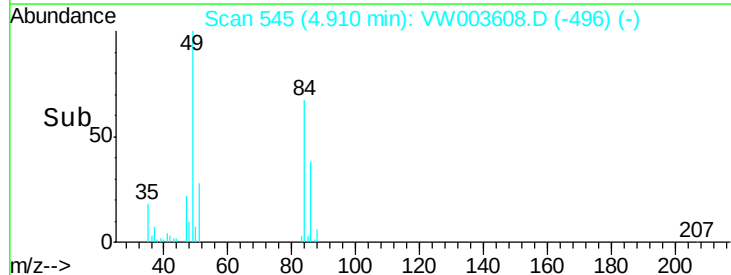
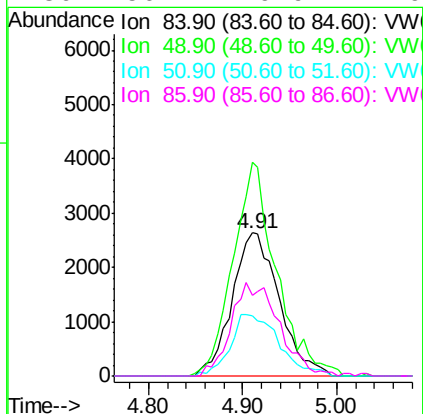
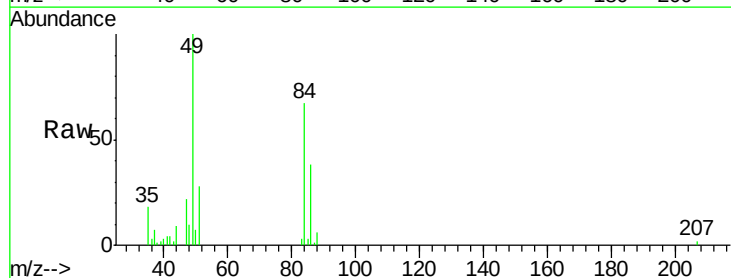
Tot Ion	168	Resp	151576
Ion Ratio	100	Lower	Upper
99	58.8	45.5	68.3

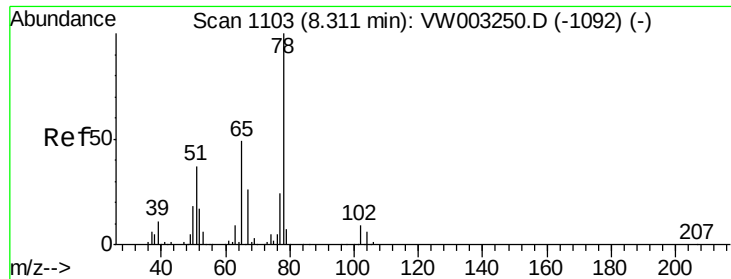


#20

Methylene Chloride
 Concen: 2.81 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Tgt Ion	84	Resp	9183
Ion Ratio	100	Lower	Upper
49	149.6	106.3	159.5
51	42.2	32.0	48.0
86	56.4	49.9	74.9

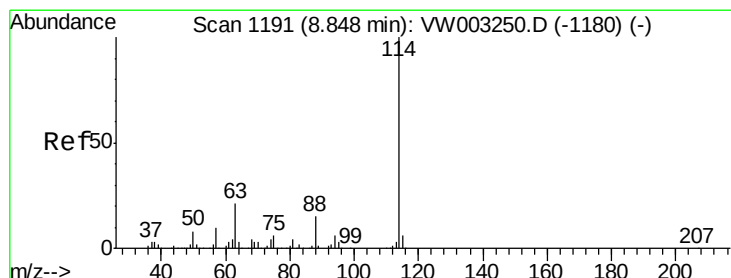
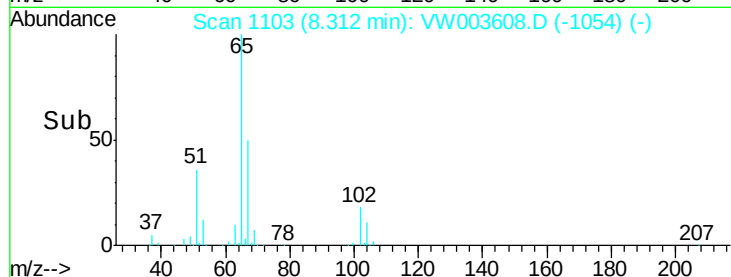
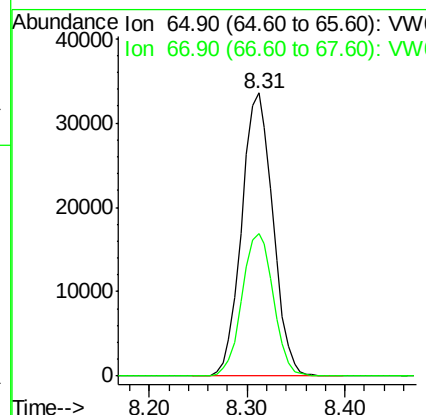
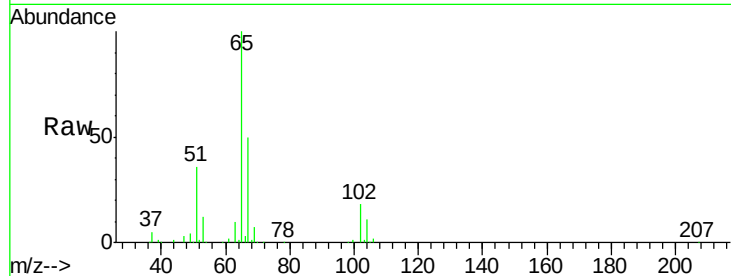




#33
 1,2-Dichloroethane-d4
 Concen: 45.26 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

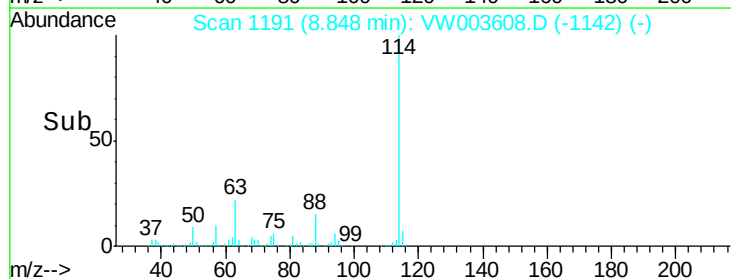
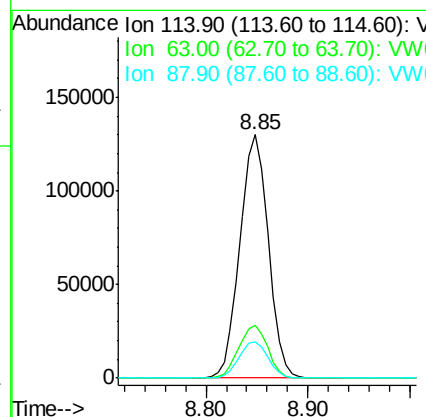
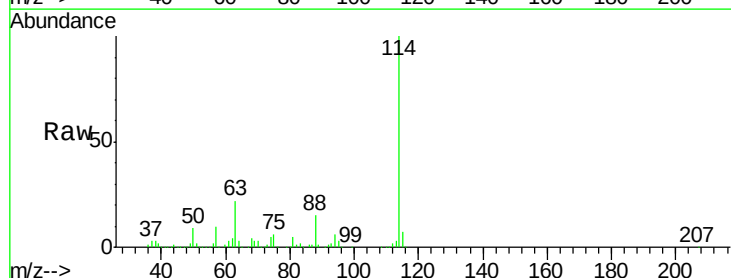
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-062218-ARE

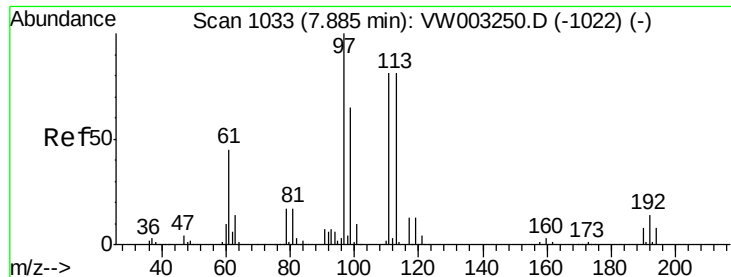
Tot Ion: 65 Resp: 74306
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Tgt Ion: 114 Resp: 250782
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.1 0.0 29.6

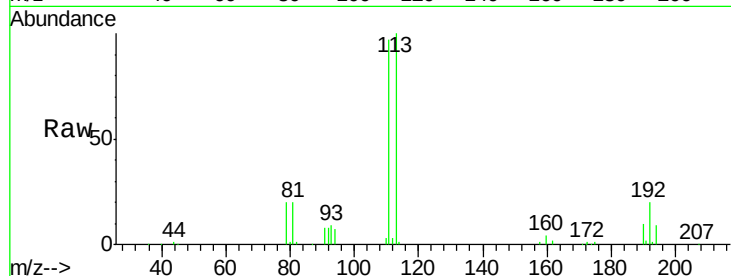




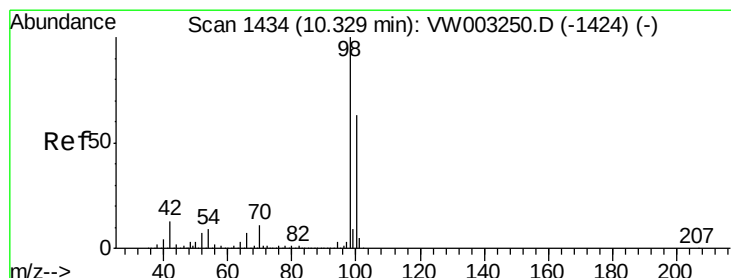
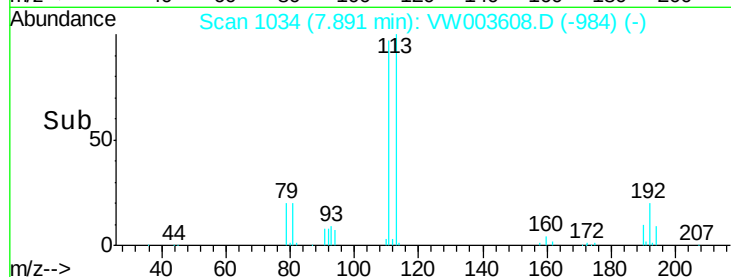
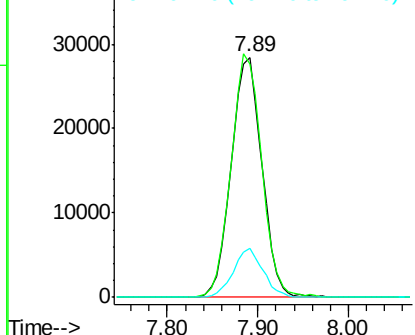
#35
 Dibromofluoromethane
 Concen: 42.88 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-062218-ARE

Tot Ion:113 Resp: 66813
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.2
 192 19.5 16.2 24.2

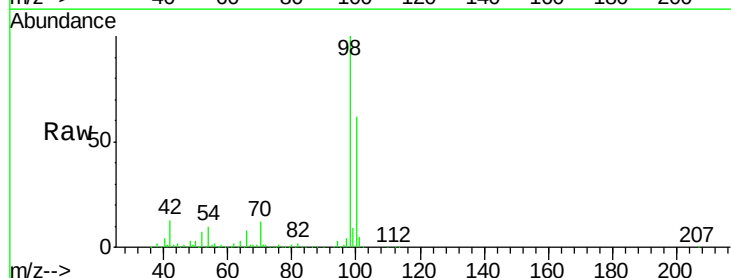


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

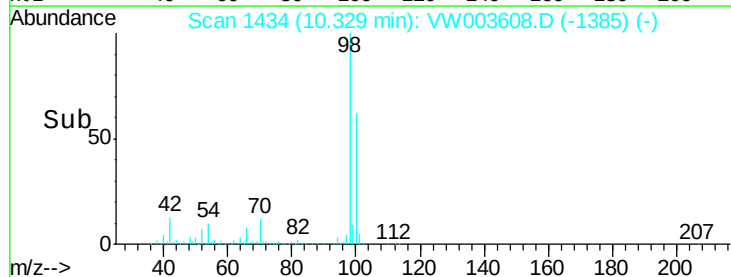
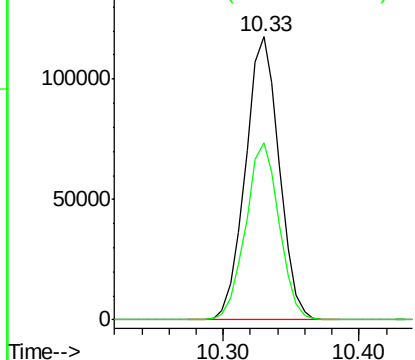


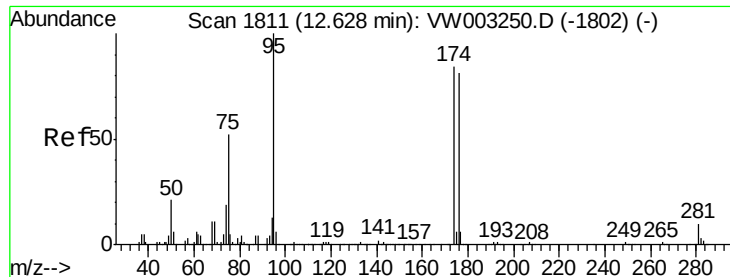
#50
 Toluene-d8
 Concen: 33.09 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003608.D
 Acq: 27 Jun 2018 12:57

Tgt Ion: 98 Resp: 204449
 Ion Ratio Lower Upper
 98 100
 100 62.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.35 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

HR-06-062218-ARE

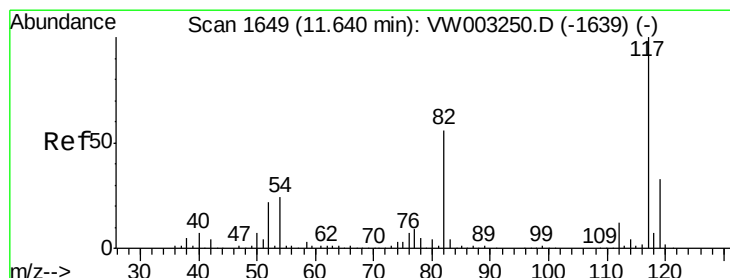
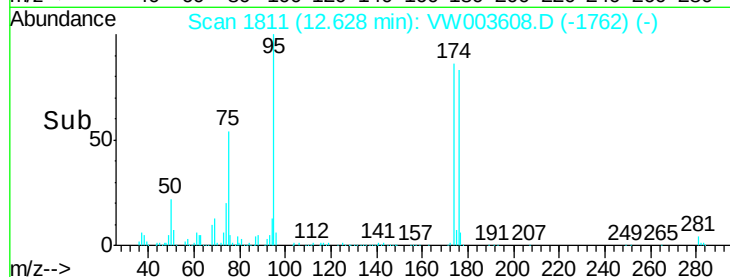
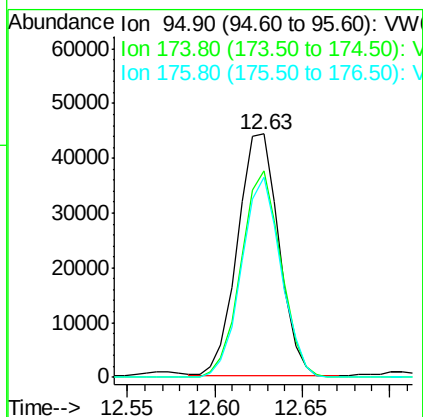
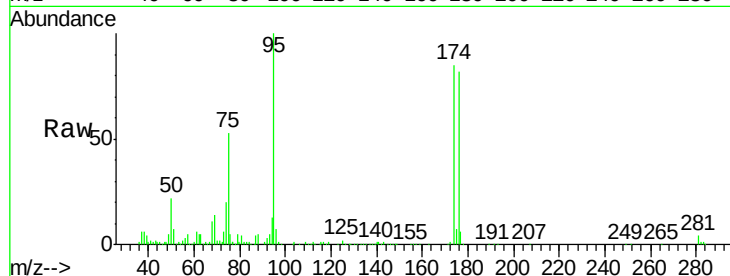
Tot Ion: 95 Resp: 72926

Ion Ratio Lower Upper

95 100

174 82.4 0.0 166.4

176 78.6 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

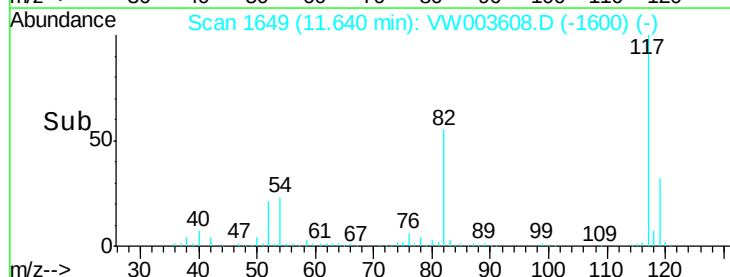
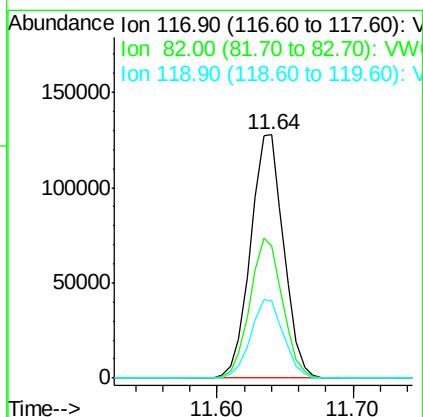
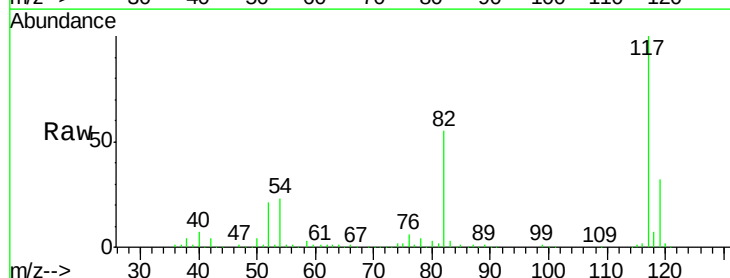
Tgt Ion: 117 Resp: 218284

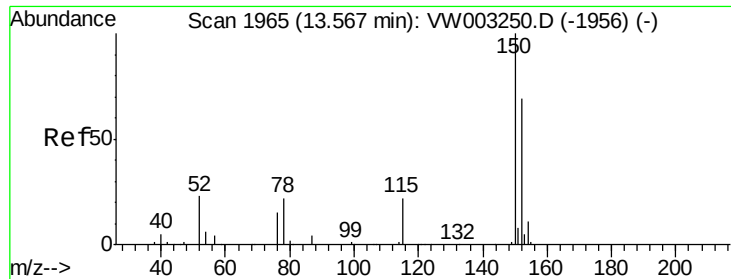
Ion Ratio Lower Upper

117 100

82 54.5 44.6 67.0

119 31.8 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

Instrument :

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ClientSampleId :

HR-06-062218-ARE

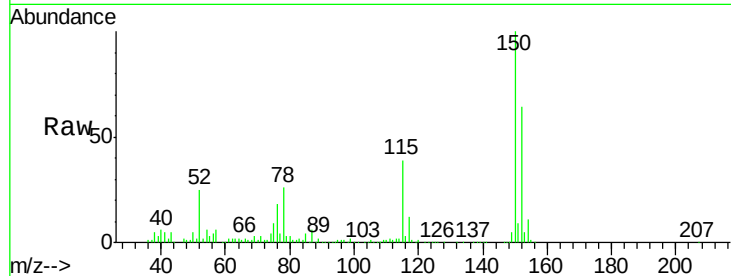
Tot Ion:152 Resp: 89145

Ion Ratio Lower Upper

152 100

115 60.9 29.3 88.0

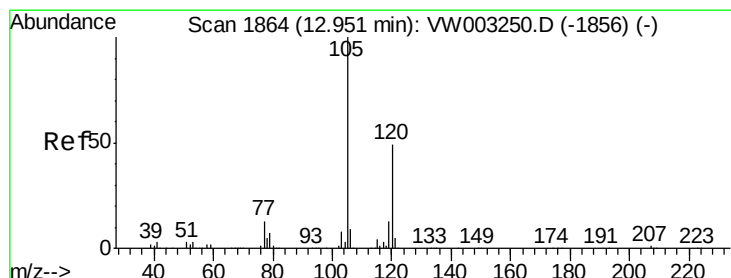
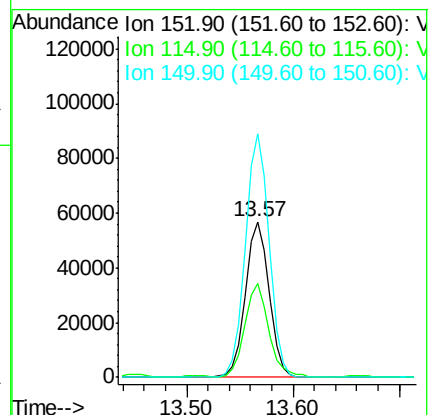
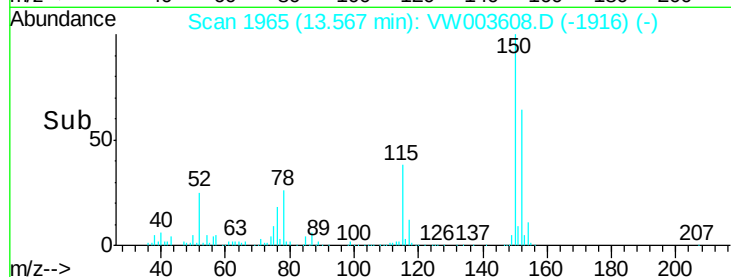
150 156.0 0.0 349.6



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



#80

1,3,5-Trimethylbenzene

Concen: 4.26 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003608.D

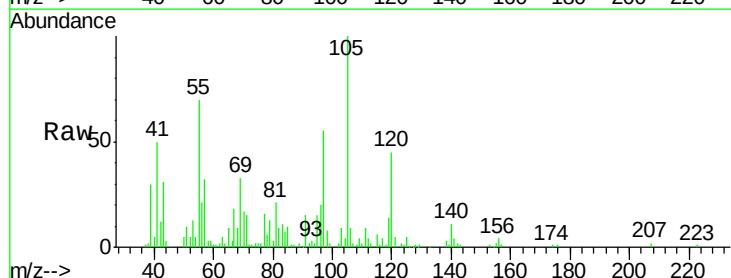
Acq: 27 Jun 2018 12:57

Tgt Ion:105 Resp: 22193

Ion Ratio Lower Upper

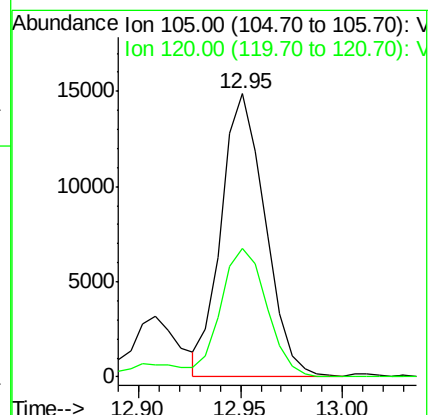
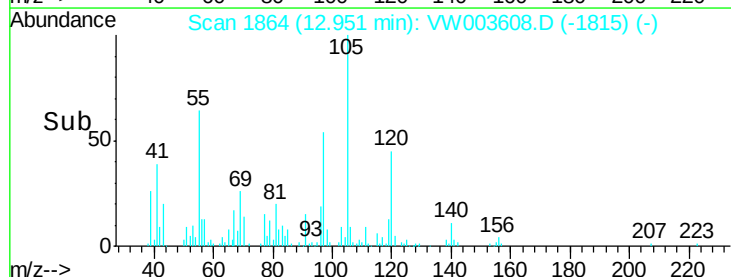
105 100

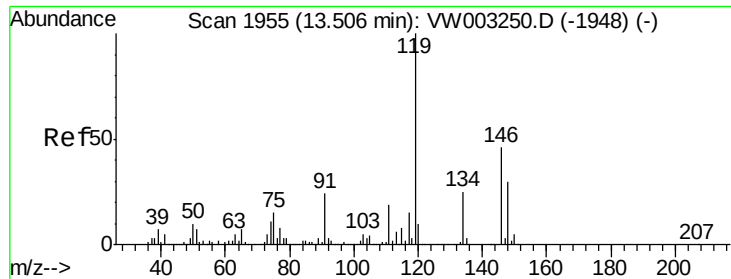
120 47.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86

p-Isopropyltoluene

Concen: 1.65 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003608.D

Acq: 27 Jun 2018 12:57

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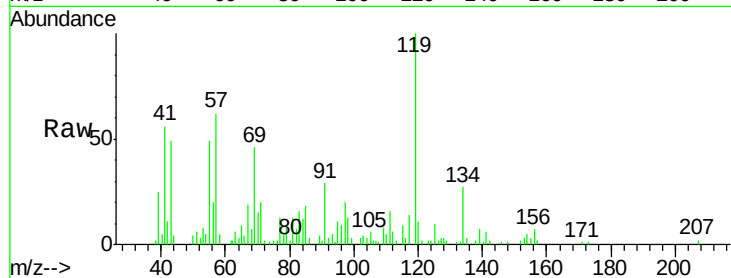
Tot Ion:119 Resp: 9600

Ion Ratio Lower Upper

119 100

134 29.7 12.9 38.7

91 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

