

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006208.D
 Acq On : 19 Oct 2018 07:22
 Operator : VA/AP
 Sample : J5565-08RE
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-FD-01RE

Quant Time: Oct 19 08:28:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	261248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85422	60.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.08%	
35) Dibromofluoromethane	7.89	113	73893	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.33	98	232570	39.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.20%	
62) 4-Bromofluorobenzene	12.62	95	73041	33.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.22%	

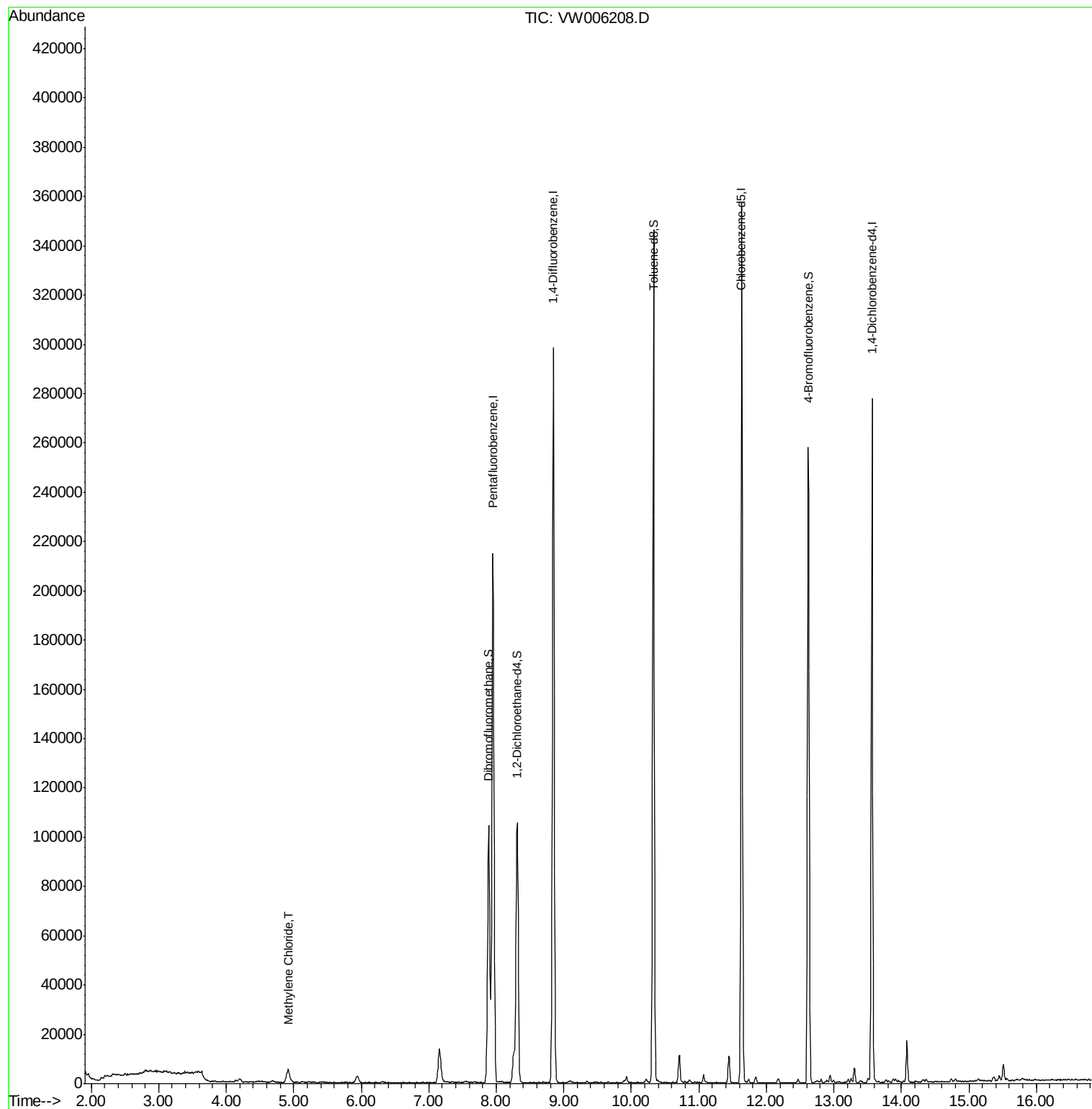
Target Compounds						Qvalue
20) Methylene Chloride	4.92	84	4324	1.29	ug/l	90

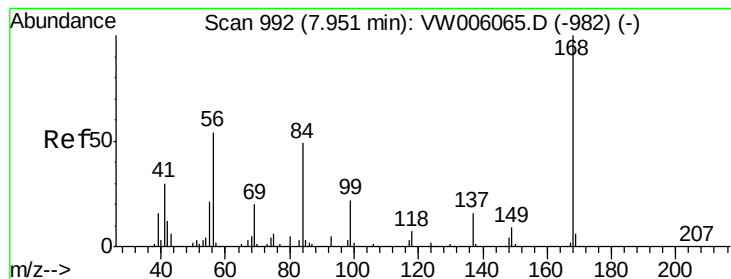
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006208.D

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MSVOA_W

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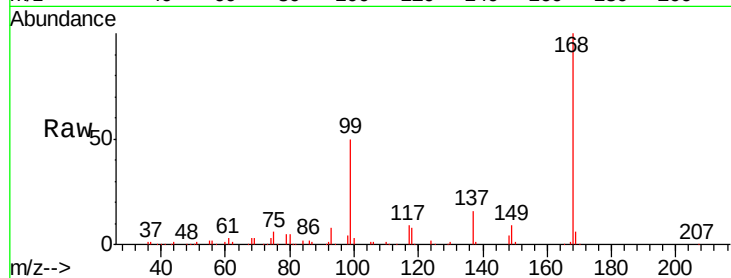
RLF-SD-FD-01RE

Tgt Ion:168 Resp: 171621

Ion Ratio Lower Upper

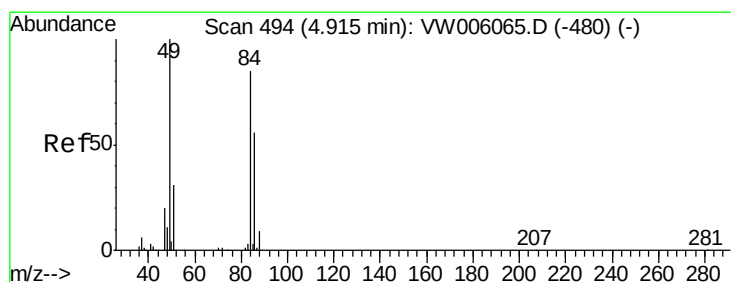
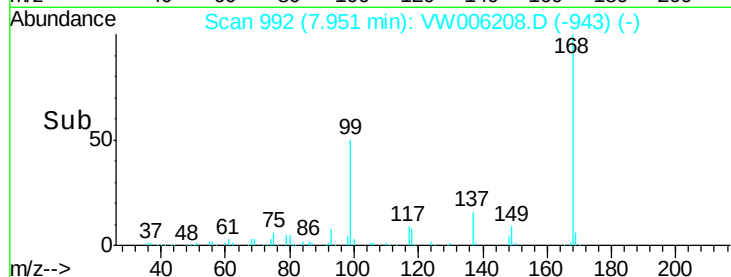
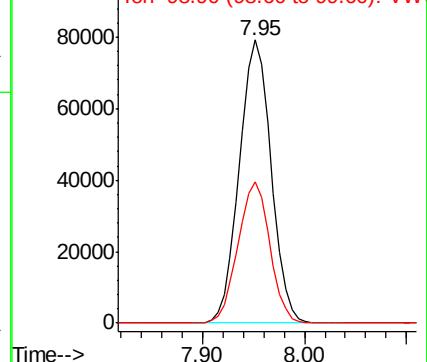
168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 1.29 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006208.D

Acq: 19 Oct 2018 07:22

Tgt Ion: 84 Resp: 4324

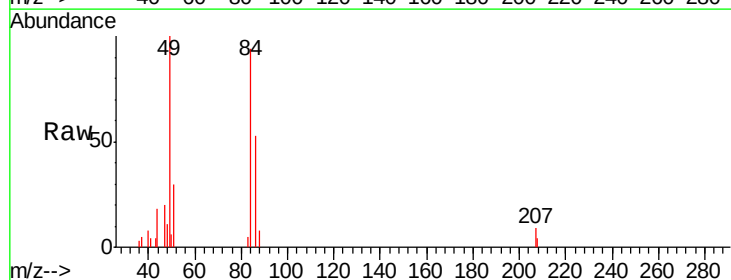
Ion Ratio Lower Upper

84 100

49 106.6 93.6 140.4

51 31.6 29.0 43.4

86 56.6 52.6 79.0

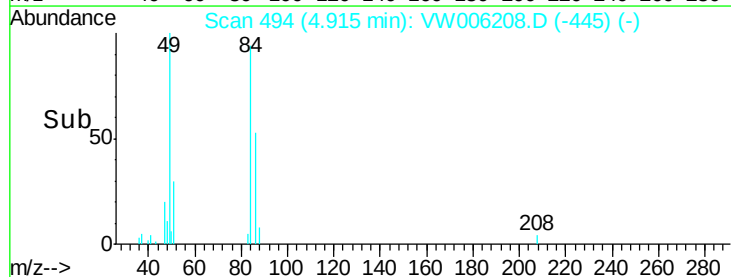
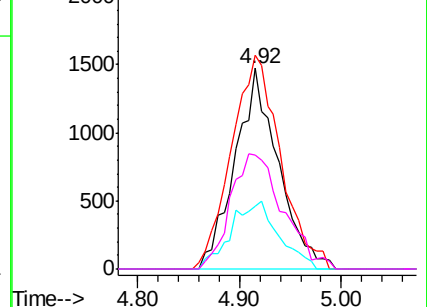


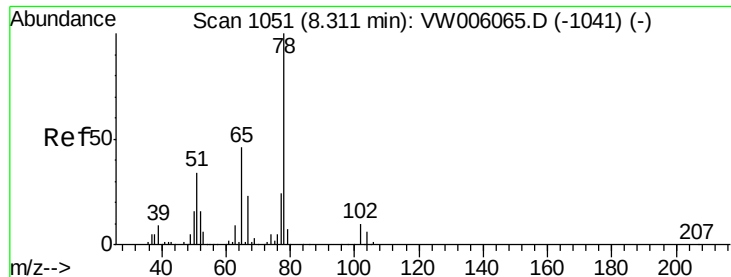
Abundance Ion 83.90 (83.60 to 84.60): VW

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

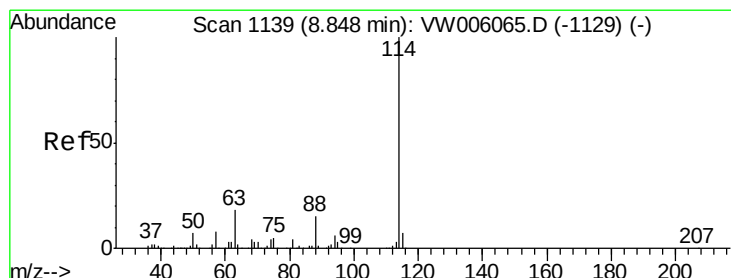
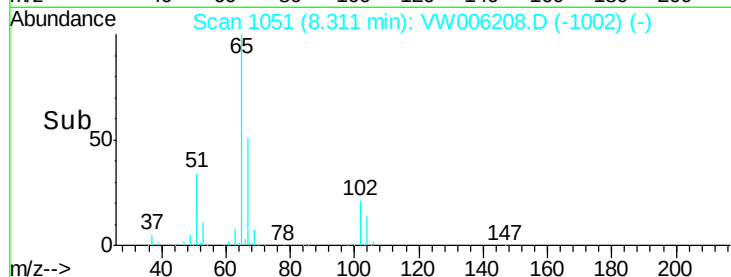
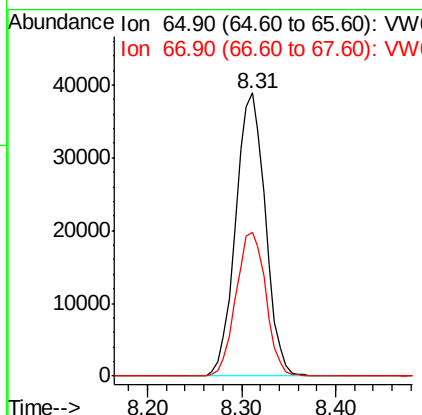
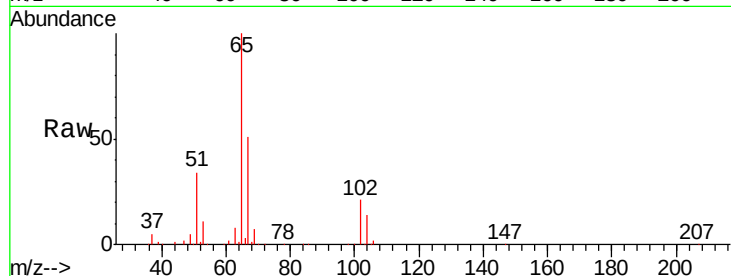




#33
 1,2-Dichloroethane-d4
 Concen: 60.04 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006208.D
 Acq: 19 Oct 2018 07:22

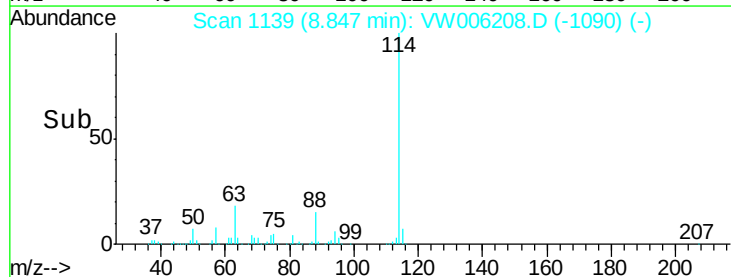
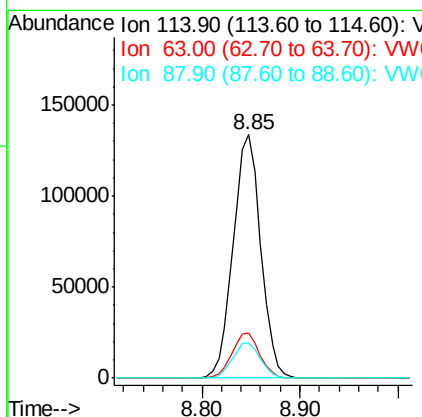
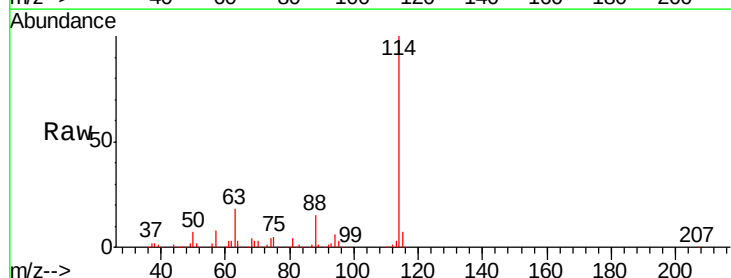
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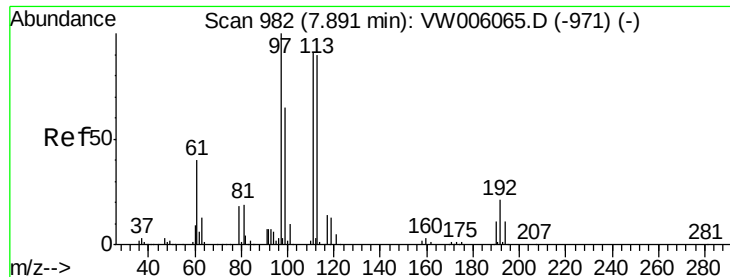
Tgt Ion: 65 Resp: 85422
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006208.D
 Acq: 19 Oct 2018 07:22

Tgt Ion: 114 Resp: 261248
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.6 0.0 29.0

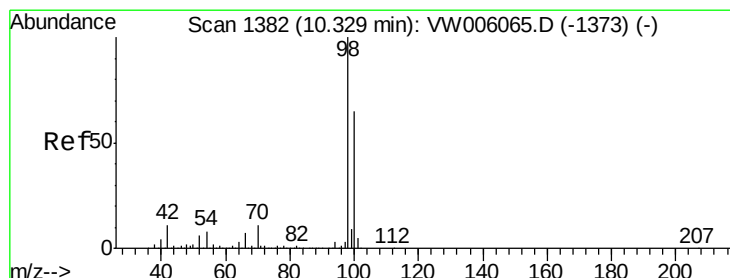
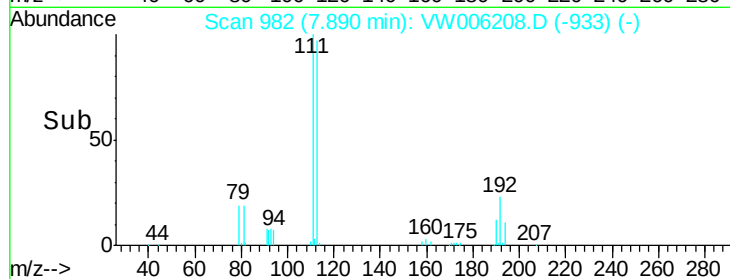
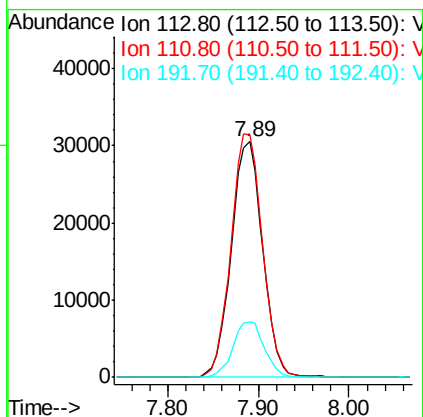
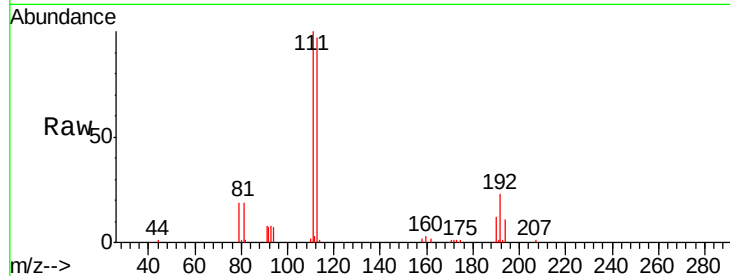




#35
 Dibromofluoromethane
 Concen: 47.87 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006208.D
 Acq: 19 Oct 2018 07:22

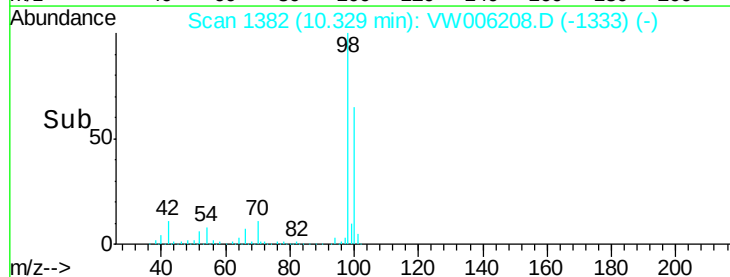
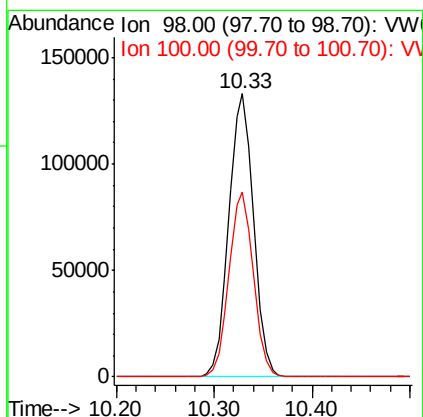
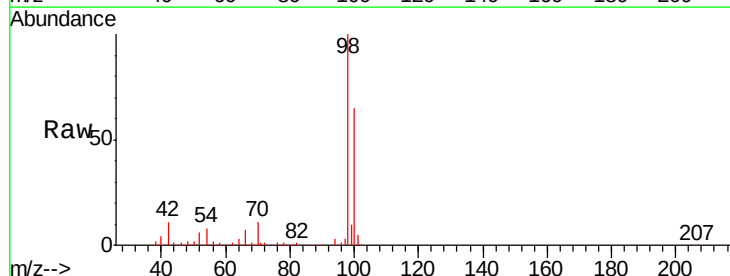
Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-FD-01RE

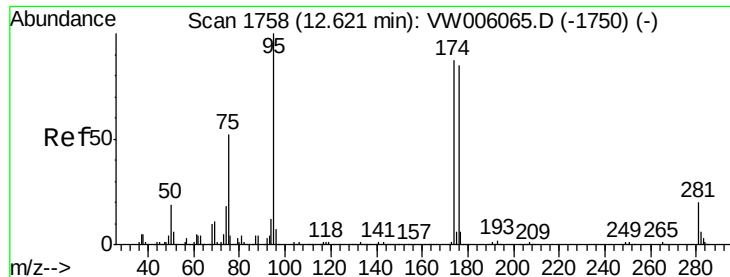
Tgt Ion:113 Resp: 73893
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.4 122.0
 192 23.3 18.7 28.1



#50
 Toluene-d8
 Concen: 39.60 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006208.D
 Acq: 19 Oct 2018 07:22

Tgt Ion: 98 Resp: 232570
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 33.11 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006208.D

Acq: 19 Oct 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-FD-01RE

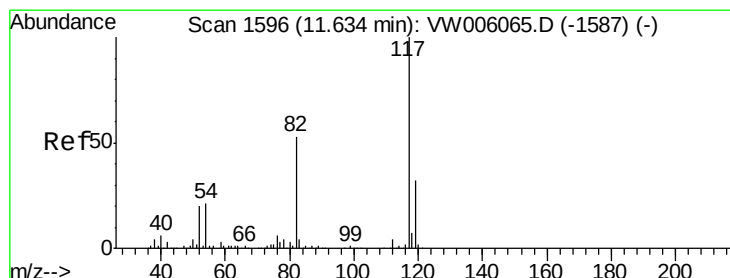
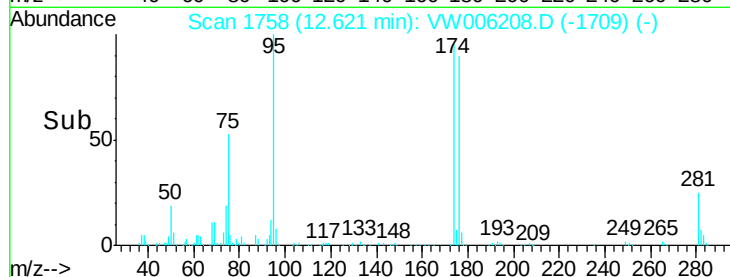
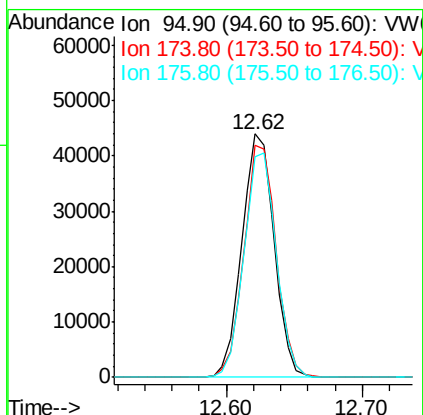
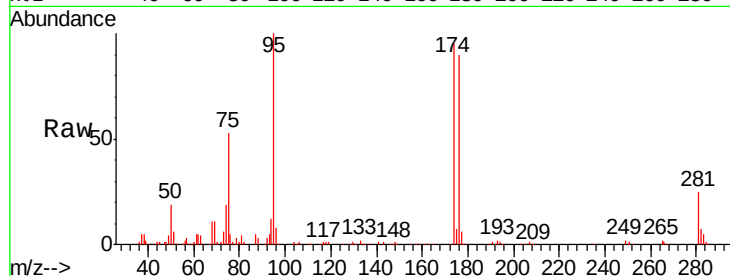
Tgt Ion: 95 Resp: 73041

Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

176 92.5 0.0 181.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006208.D

Acq: 19 Oct 2018 07:22

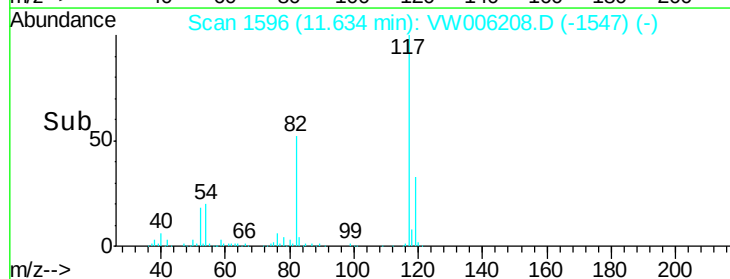
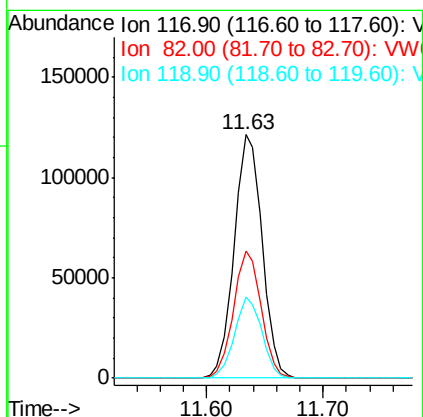
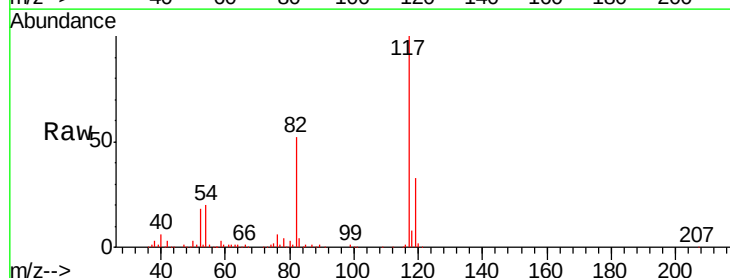
Tgt Ion: 117 Resp: 202975

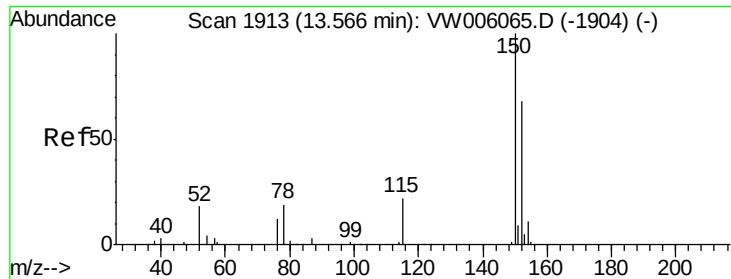
Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 33.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006208.D
 Acq: 19 Oct 2018 07:22

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-FD-01RE

Tgt Ion:	152	Resp:	76504
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	156.3	0.0	349.2

