

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006187.D
 Acq On : 18 Oct 2018 20:11
 Operator : VA/AP
 Sample : J5565-01RE
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1RE

Quant Time: Oct 19 07:32:00 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

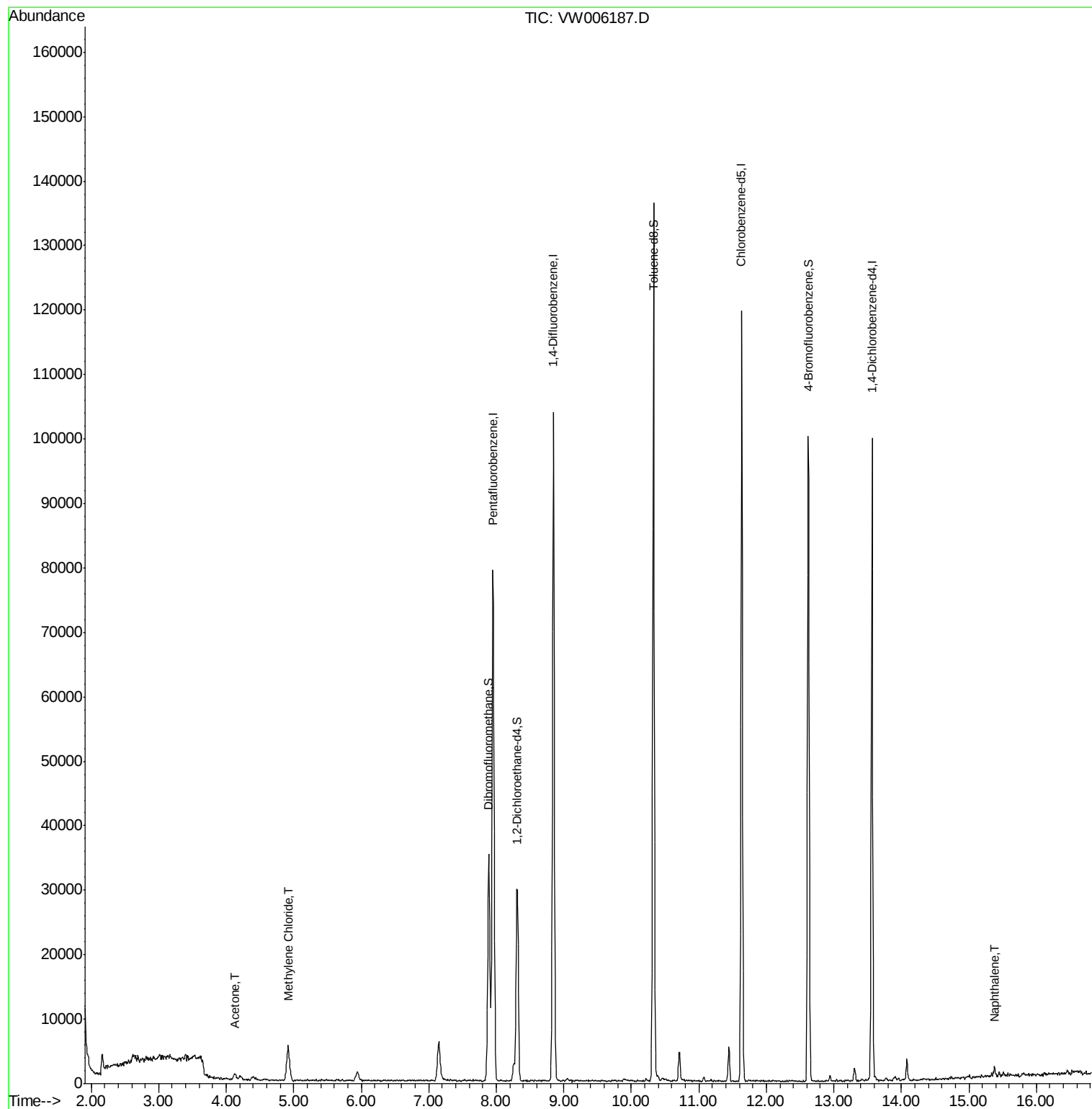
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	90334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24924	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	7.89	113	24606	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	10.33	98	92180	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.62	95	27808	36.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.92%	
Target Compounds						
16) Acetone	4.13	43	1848	3.75	ug/l #	80
20) Methylene Chloride	4.92	84	3905	5.42	ug/l	94
95) Naphthalene	15.38	128	1757	1.58	ug/l #	92

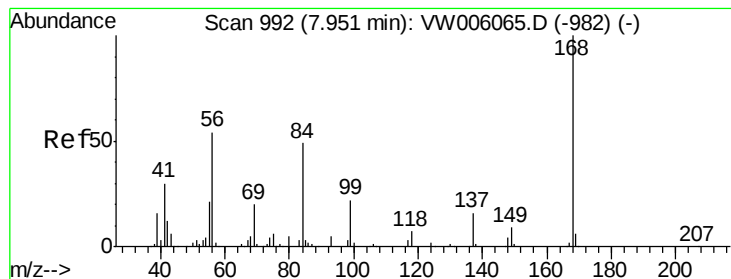
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006187.D
Acq On : 18 Oct 2018 20:11
Operator : VA/AP
Sample : J5565-01RE
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-1RE

Quant Time: Oct 19 07:32:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006187.D

Acq: 18 Oct 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

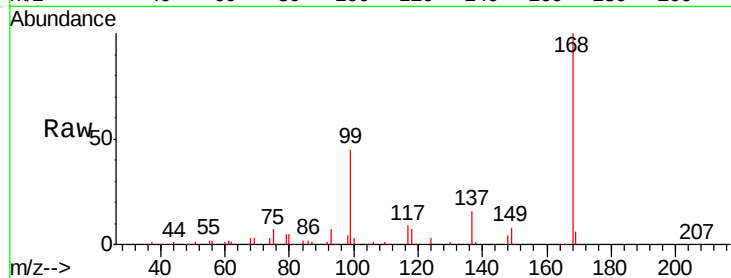
RLF-SD-1RE

Tgt Ion:168 Resp: 64812

Ion Ratio Lower Upper

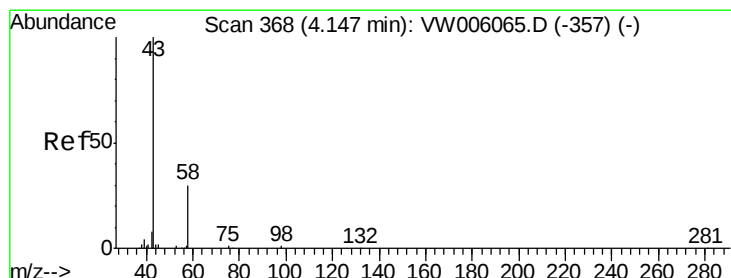
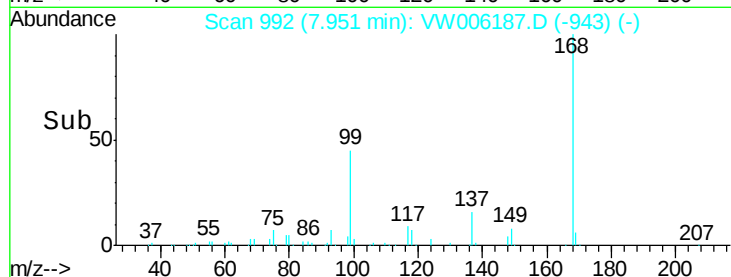
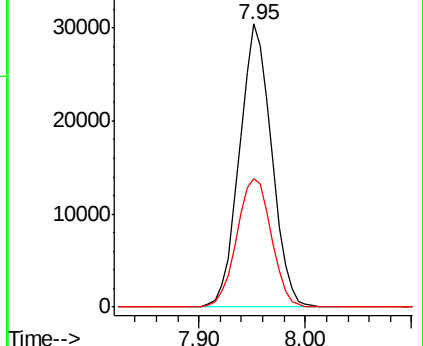
168 100

99 45.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.75 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006187.D

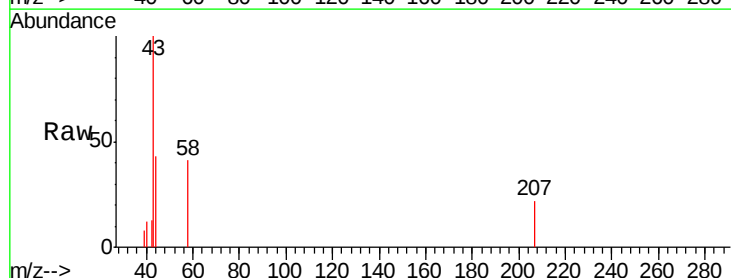
Acq: 18 Oct 2018 20:11

Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

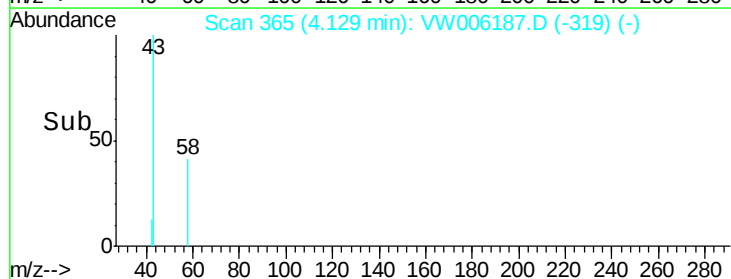
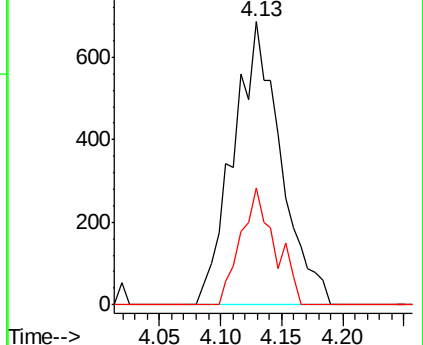
43 100

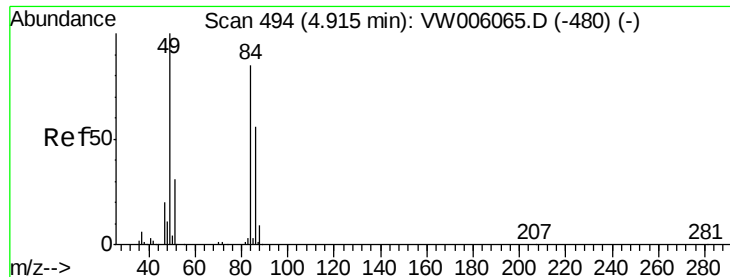
58 41.1 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 5.42 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006187.D

Acq: 18 Oct 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-1RE

Tgt Ion: 84 Resp: 3905

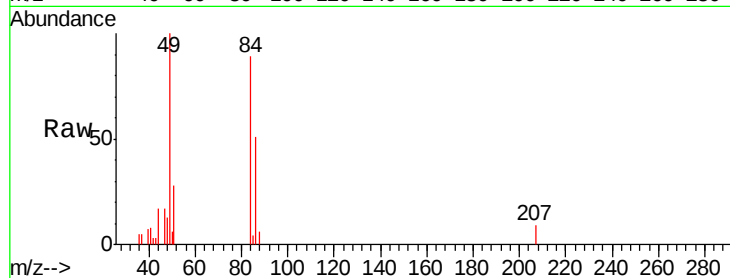
Ion Ratio Lower Upper

84 100

49 112.9 93.6 140.4

51 31.2 29.0 43.4

86 58.0 52.6 79.0

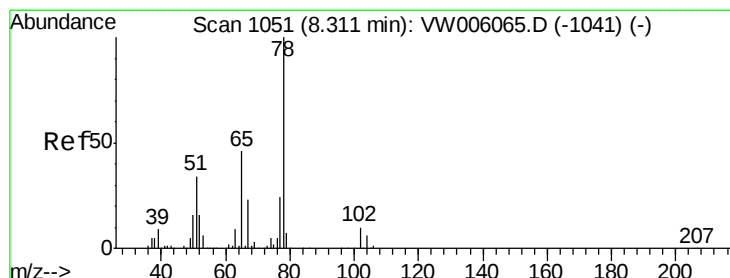
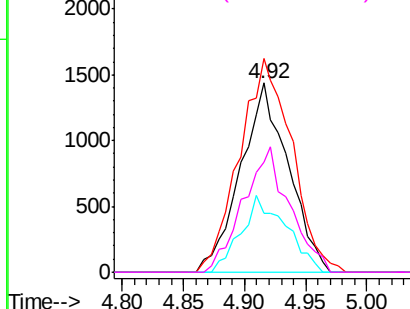
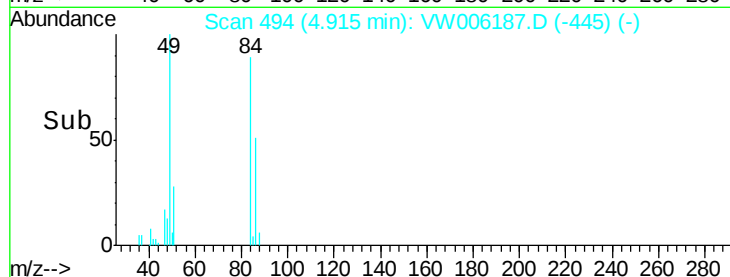


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 46.39 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006187.D

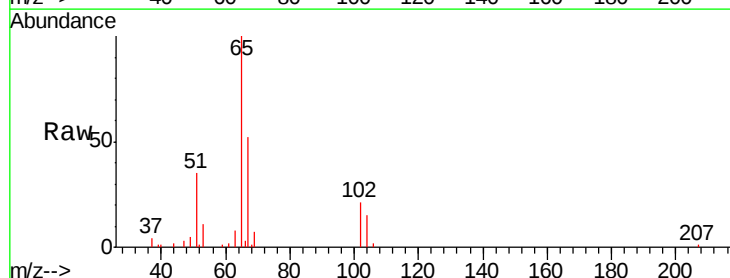
Acq: 18 Oct 2018 20:11

Tgt Ion: 65 Resp: 24924

Ion Ratio Lower Upper

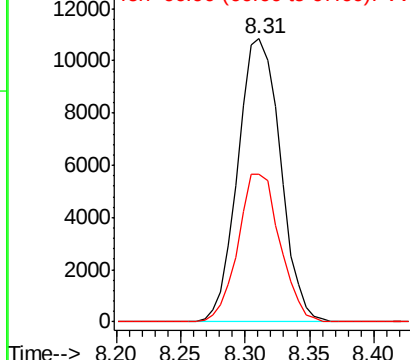
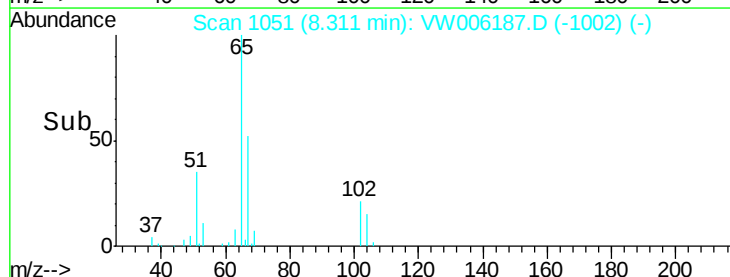
65 100

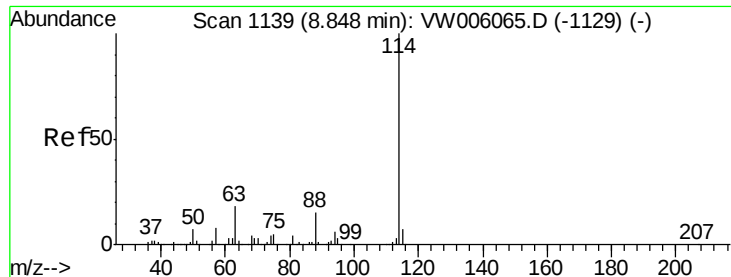
67 51.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

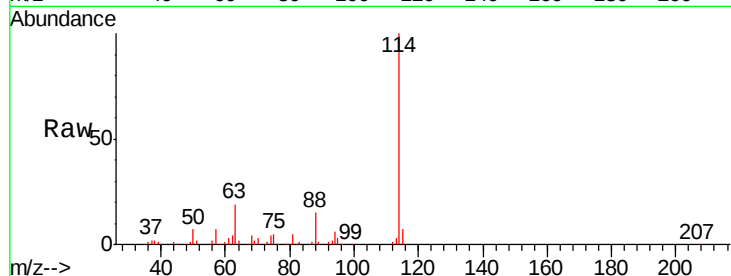




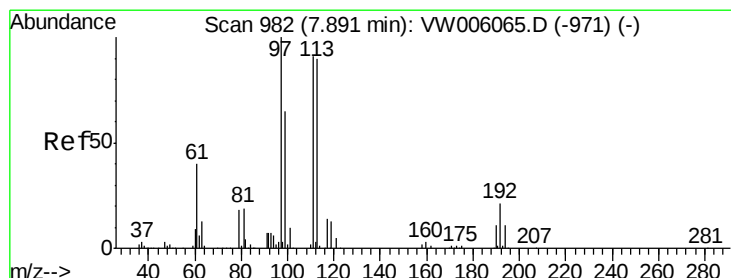
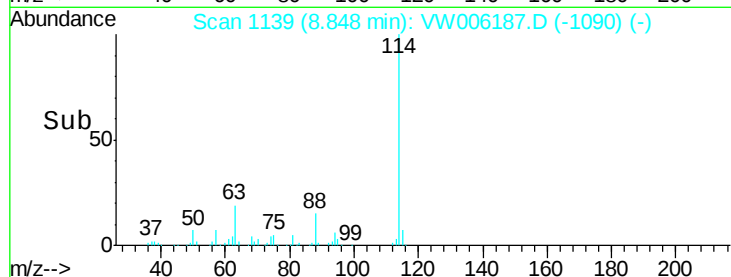
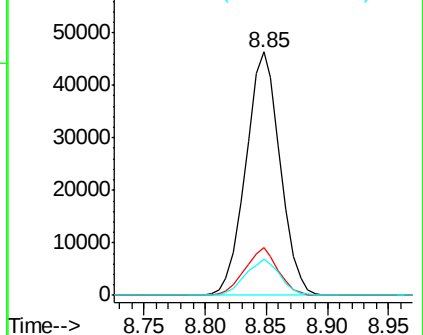
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006187.D
 Acq: 18 Oct 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.8
88	15.1	0.0	29.0

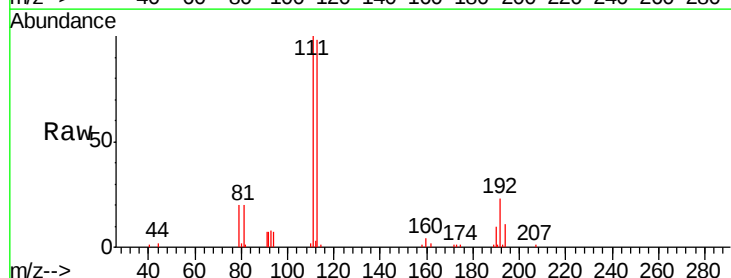


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

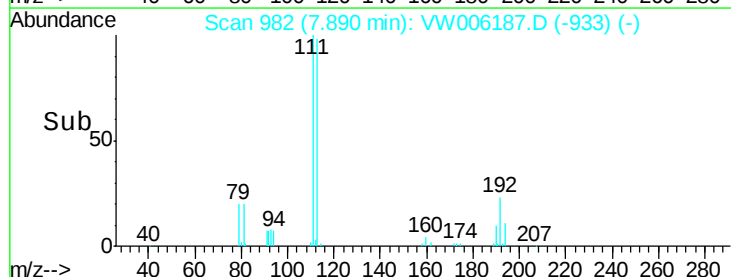
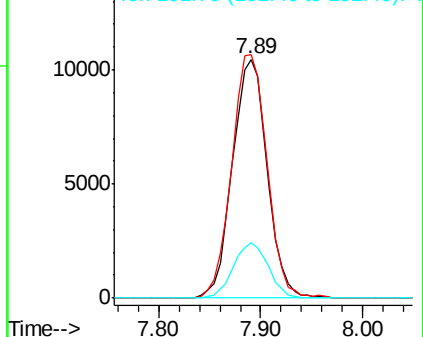


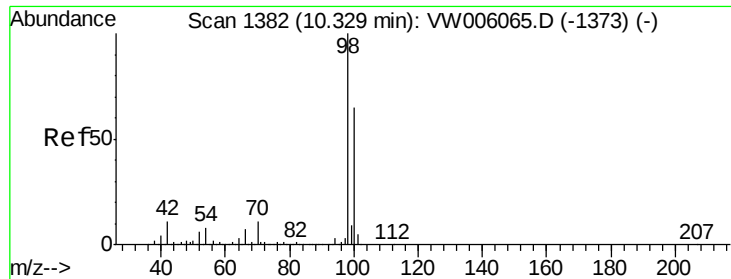
#35
 Dibromofluoromethane
 Concen: 46.10 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006187.D
 Acq: 18 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	23.3	18.7	28.1



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: 45.39 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006187.D

Acq: 18 Oct 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

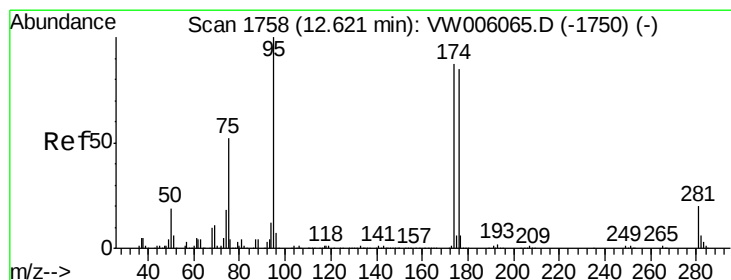
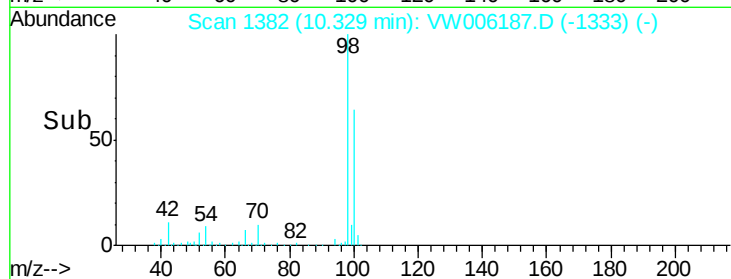
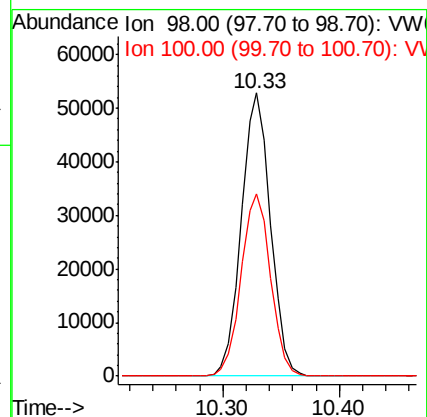
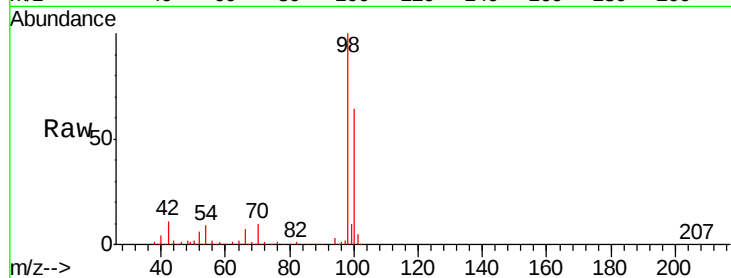
RLF-SD-1RE

Tgt Ion: 98 Resp: 92180

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.46 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006187.D

Acq: 18 Oct 2018 20:11

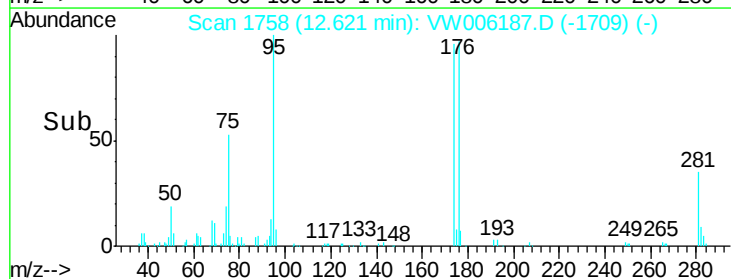
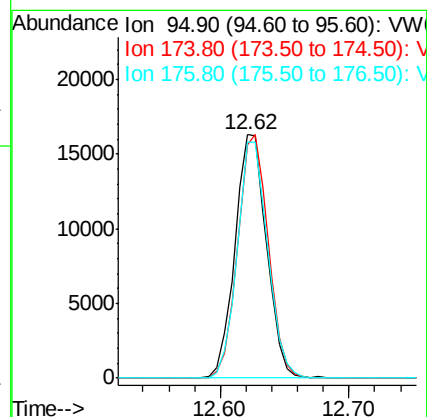
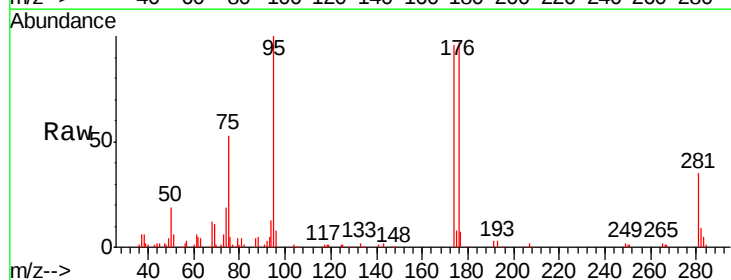
Tgt Ion: 95 Resp: 27808

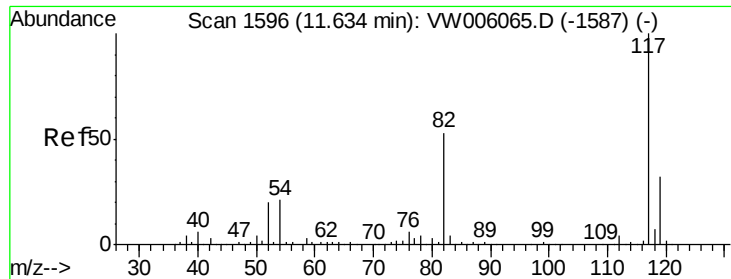
Ion Ratio Lower Upper

95 100

174 96.0 0.0 186.0

176 93.6 0.0 181.6

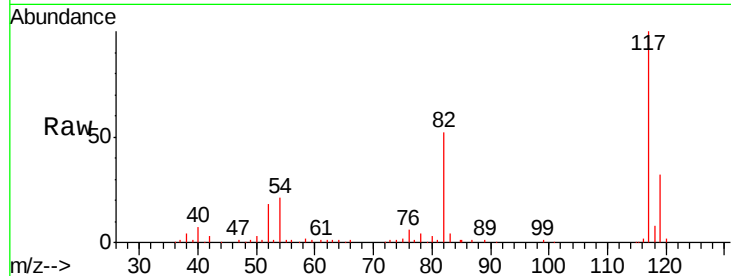




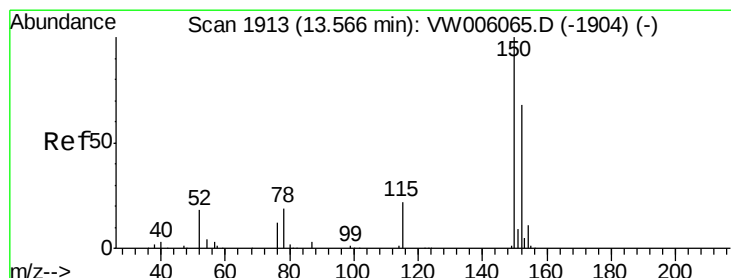
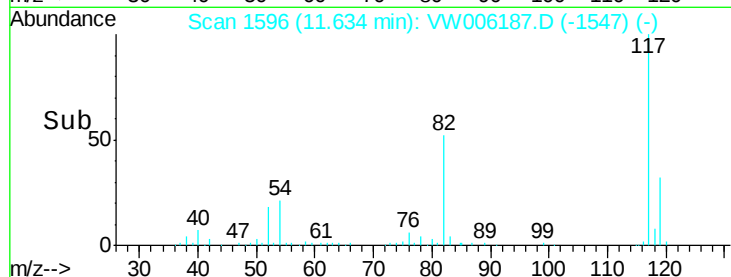
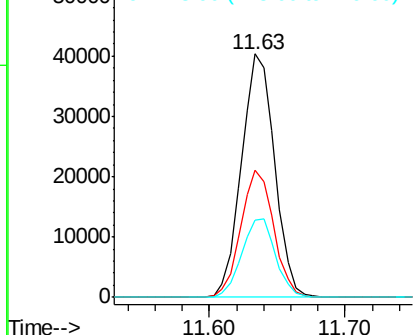
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006187.D
Acq: 18 Oct 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-1RE

Tgt Ion:117 Resp: 68882
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.8 25.8 38.6

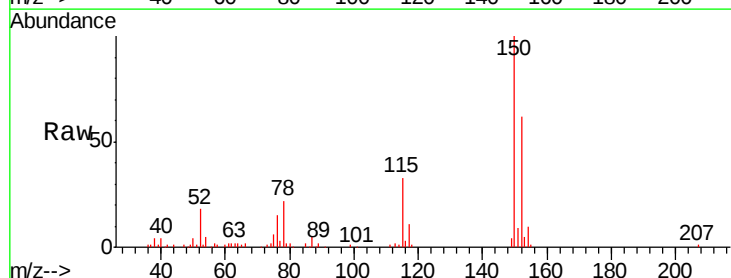


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

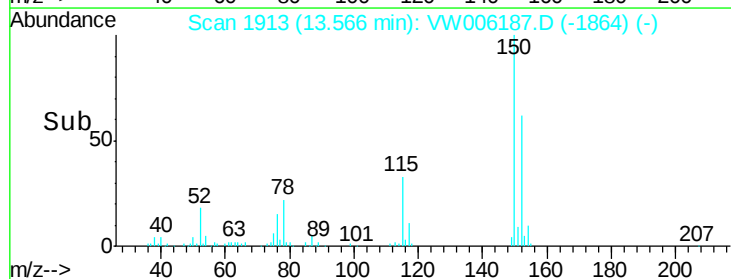
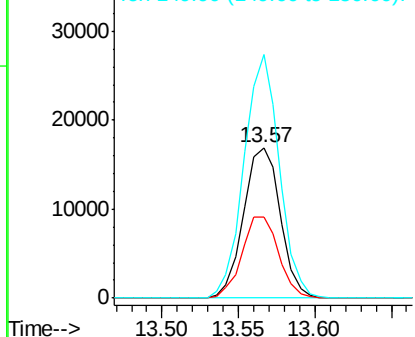


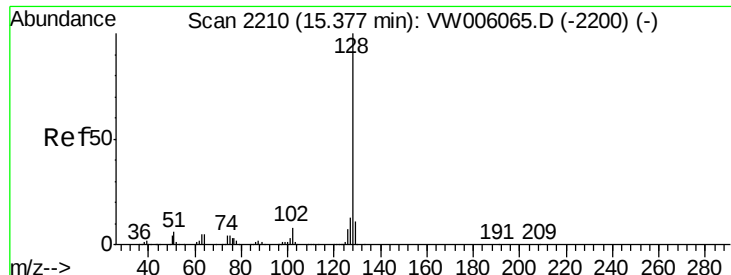
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006187.D
Acq: 18 Oct 2018 20:11

Tgt Ion:152 Resp: 28242
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.3
150 155.2 0.0 349.2



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





#95

Naphthalene

Concen: 1.58 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006187.D

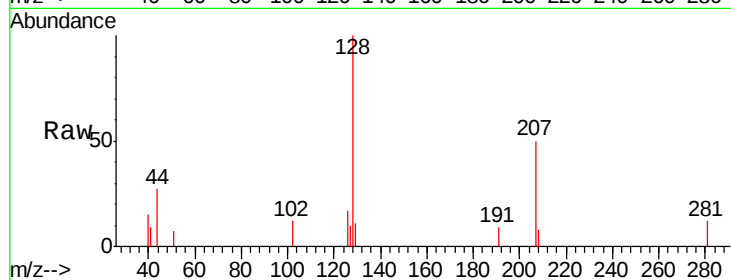
Acq: 18 Oct 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-1RE



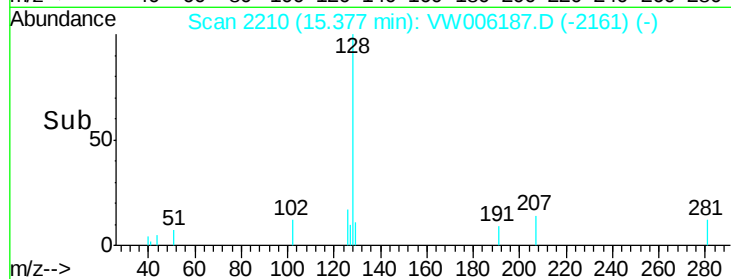
Tgt Ion:128 Resp: 1757

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 8.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

