

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006200.D
 Acq On : 19 Oct 2018 03:55
 Operator : VA/AP
 Sample : J5202-03
 Misc : 6.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-B

Quant Time: Oct 19 08:13:53 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	223835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	342487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103736	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	
35) Dibromofluoromethane	7.88	113	101069	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	348211	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.62	95	112035	38.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.48%	

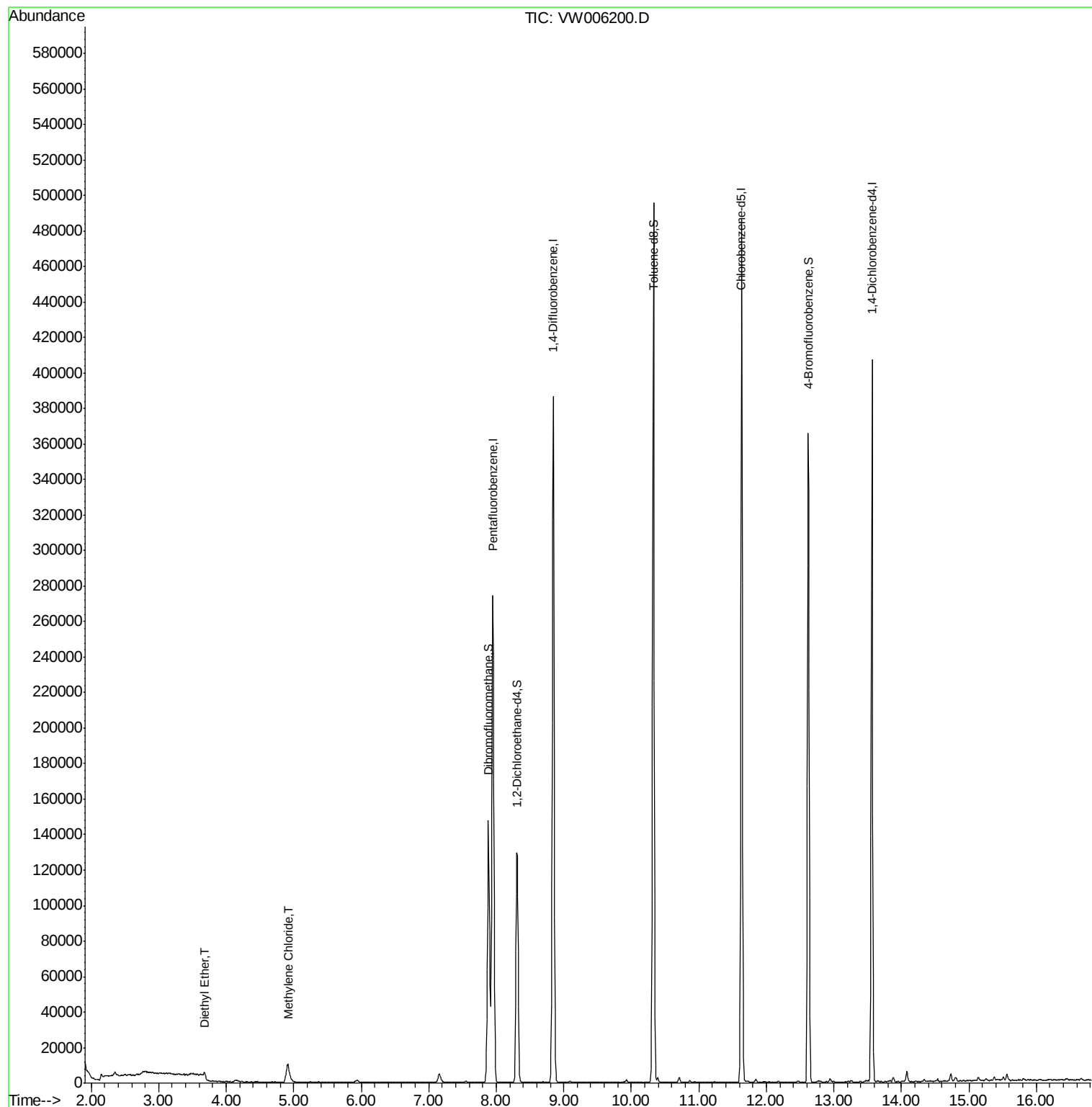
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	2633	2.61	ug/l	86
20) Methylene Chloride	4.92	84	8995	3.05	ug/l	89

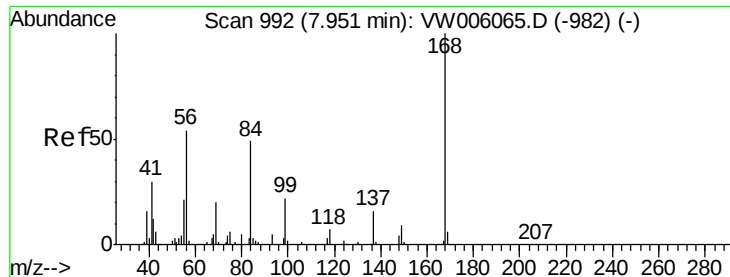
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

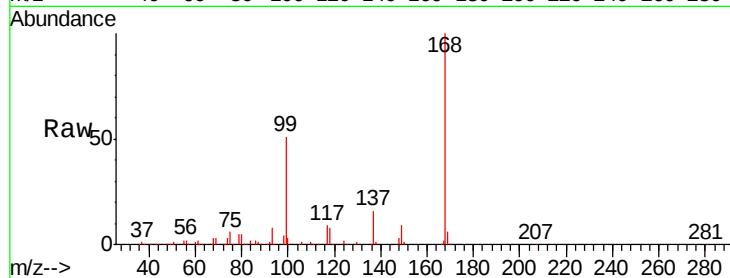
PL-03-101718-B

Tgt Ion:168 Resp: 223835

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

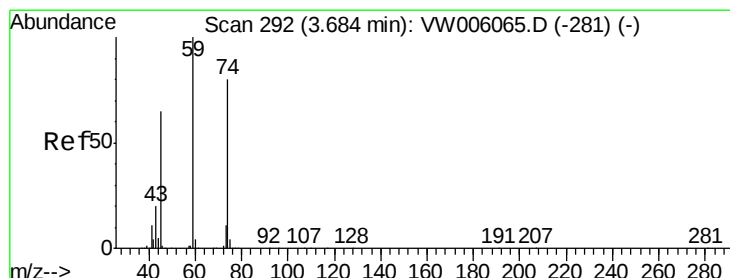
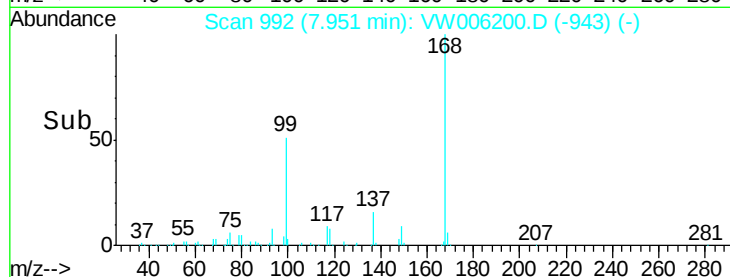
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.61 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006200.D

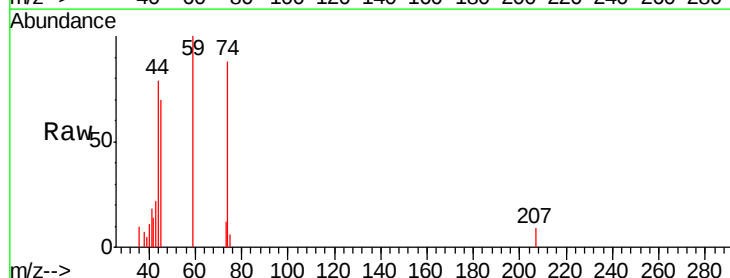
Acq: 19 Oct 2018 03:55

Tgt Ion: 74 Resp: 2633

Ion Ratio Lower Upper

74 100

45 98.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

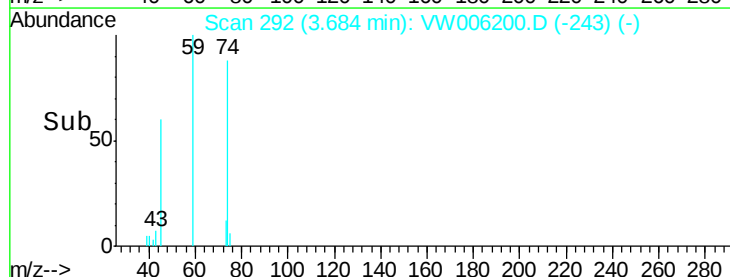
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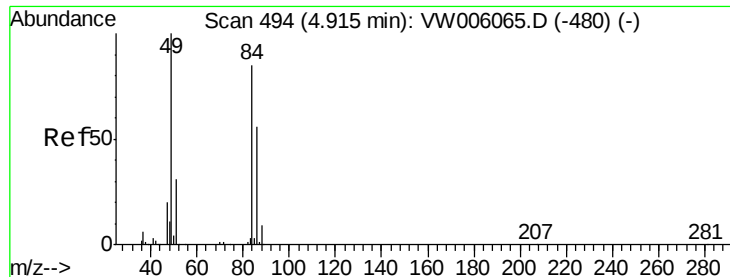
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Time-->

3.60 3.65 3.70 3.75

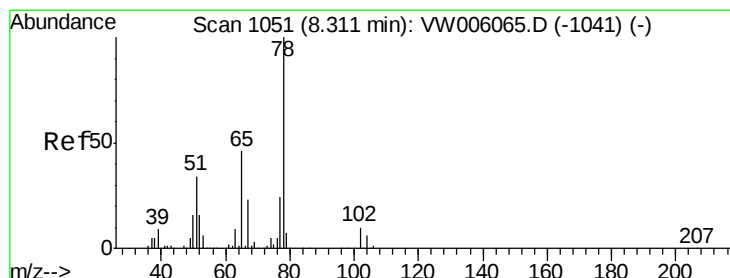
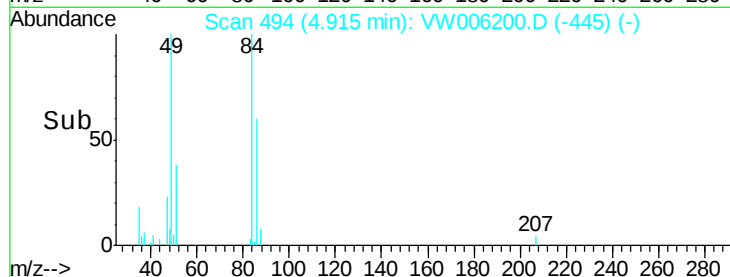
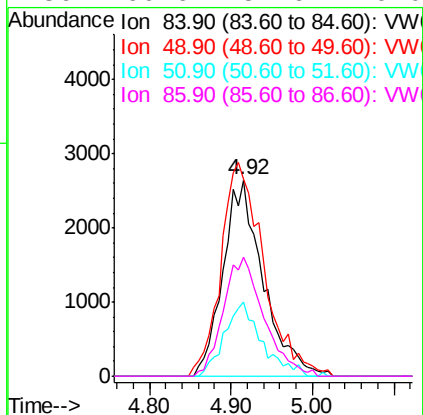
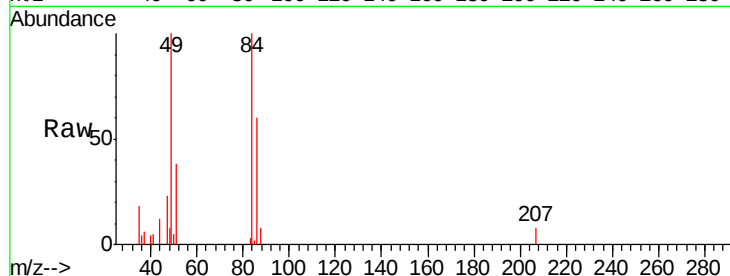




#20
Methylene Chloride
Concen: 3.05 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006200.D
Acq: 19 Oct 2018 03:55

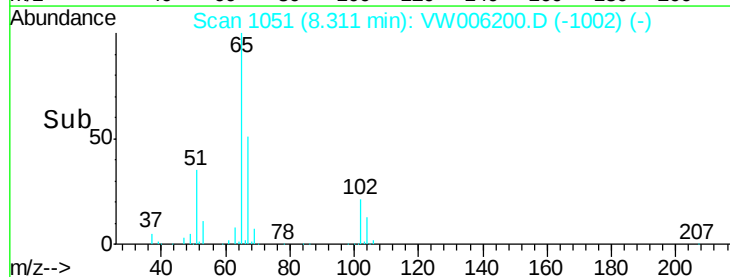
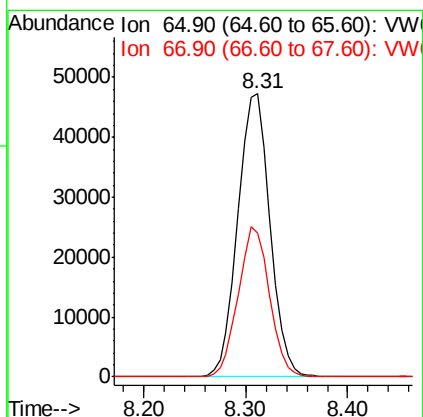
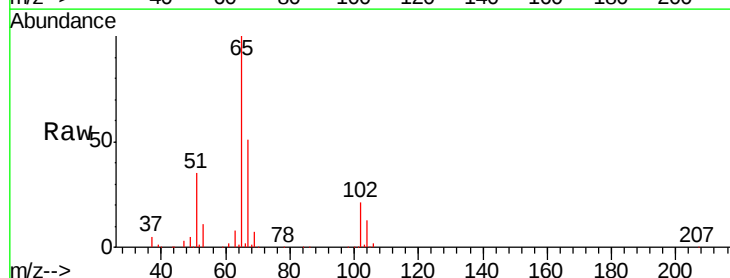
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MSVOA_W
ClientSampleId :
PL-03-101718-B

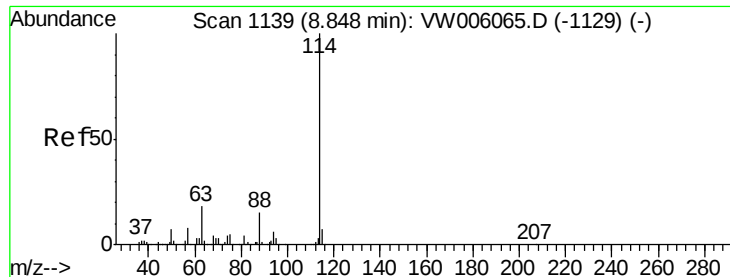
Tgt Ion:	84	Resp:	8995
Ion	Ratio	Lower	Upper
84	100		
49	100.3	93.6	140.4
51	37.7	29.0	43.4
86	60.6	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 55.90 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006200.D
Acq: 19 Oct 2018 03:55

Tgt Ion:	65	Resp:	103736
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.0

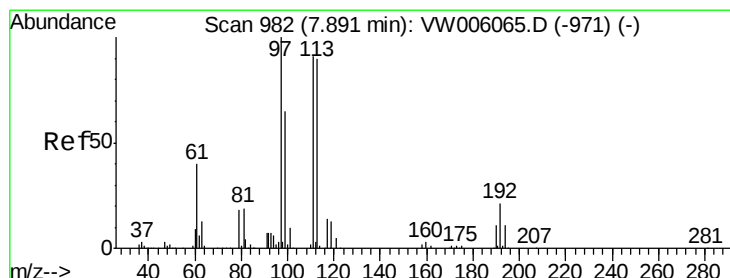
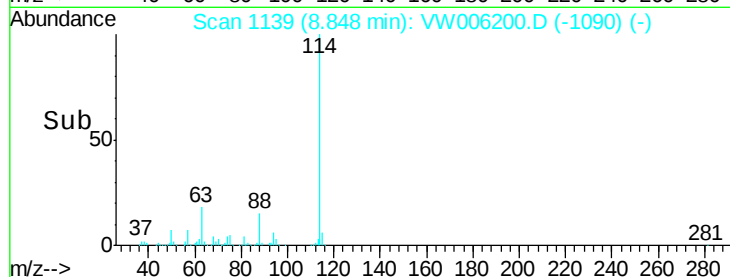
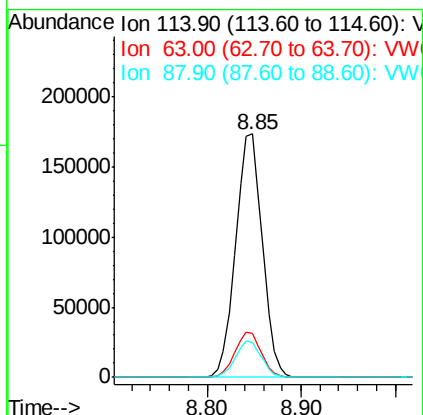
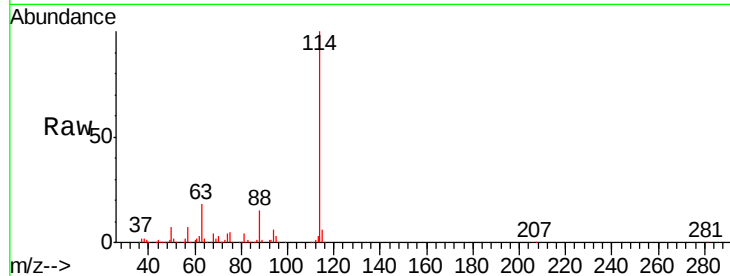




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006200.D
 Acq: 19 Oct 2018 03:55

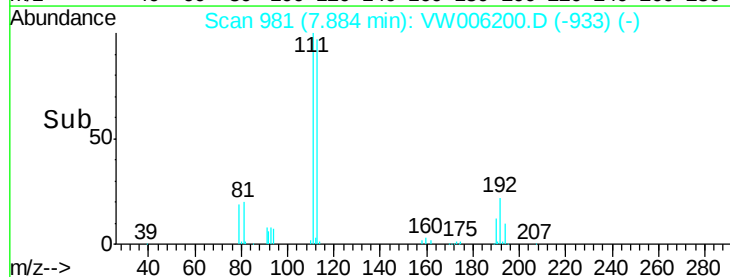
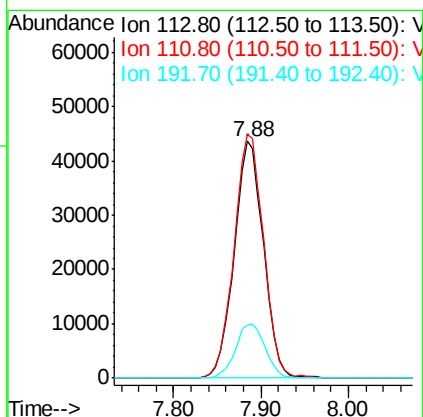
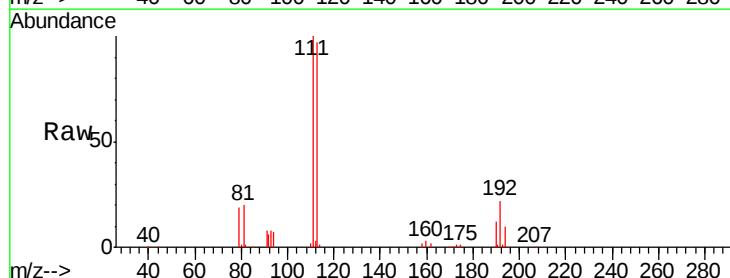
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-B

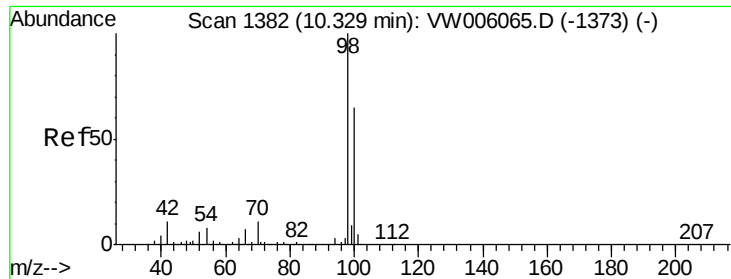
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.5	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006200.D
 Acq: 19 Oct 2018 03:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.0
192	23.2	18.7	28.1





#50

Toluene-d8

Concen: 45.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

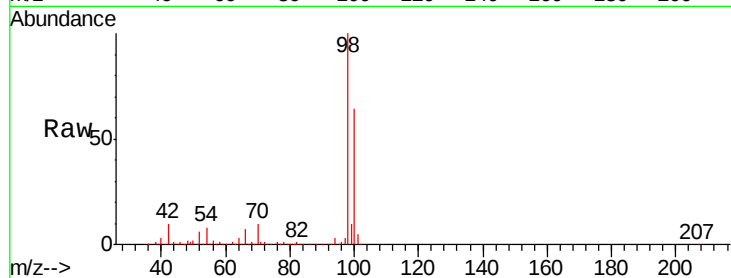
PL-03-101718-B

Tgt Ion: 98 Resp: 348211

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

150000

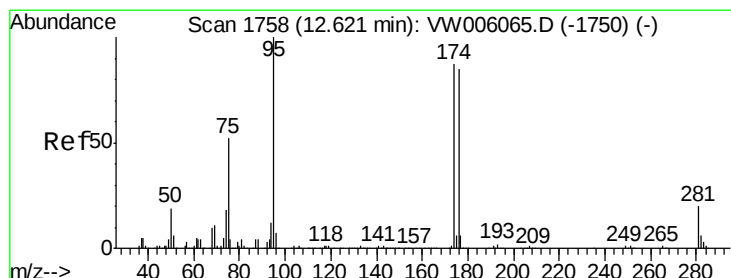
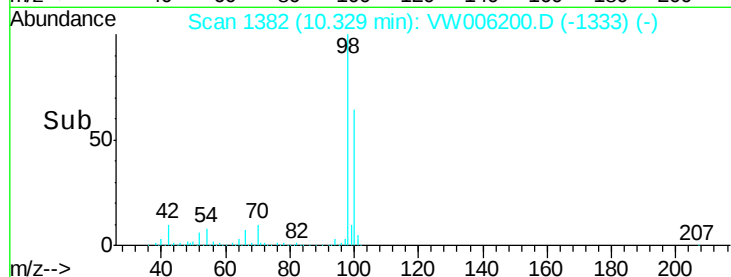
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 38.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

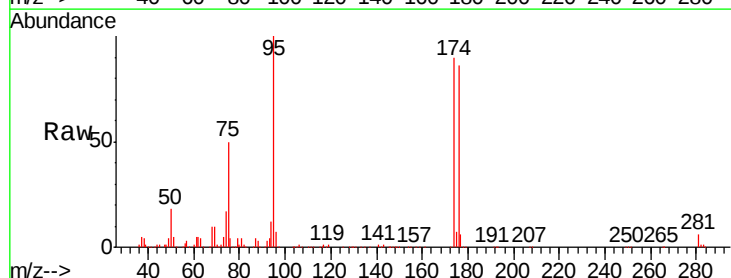
Tgt Ion: 95 Resp: 112035

Ion Ratio Lower Upper

95 100

174 94.0 0.0 186.0

176 91.2 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

60000

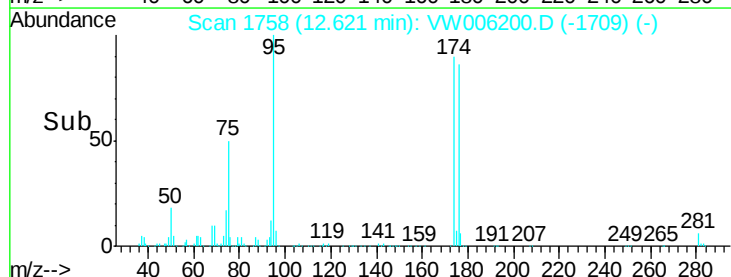
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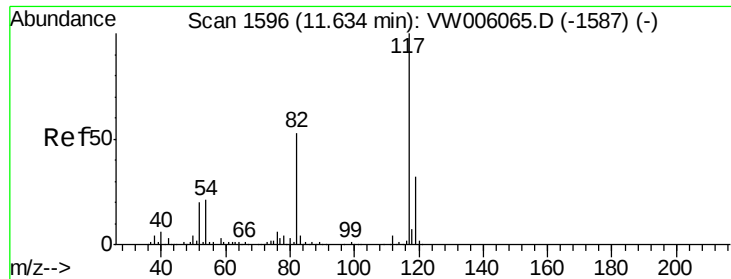
20000

0

Time-->

12.60 12.70

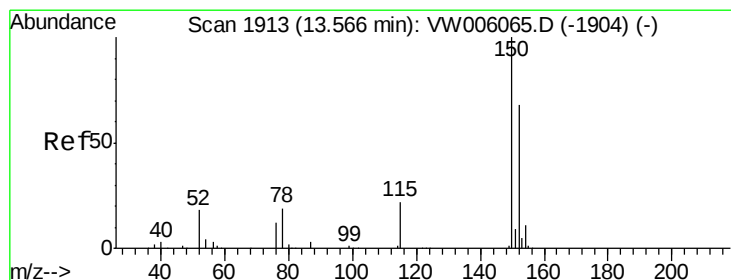
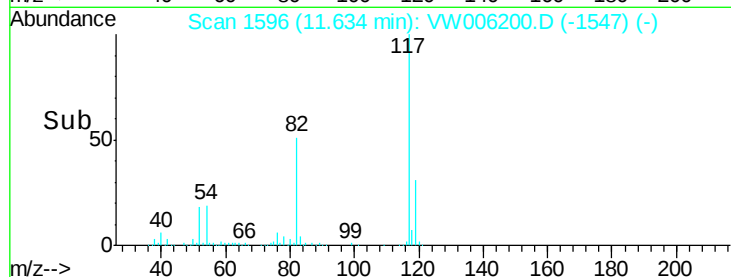
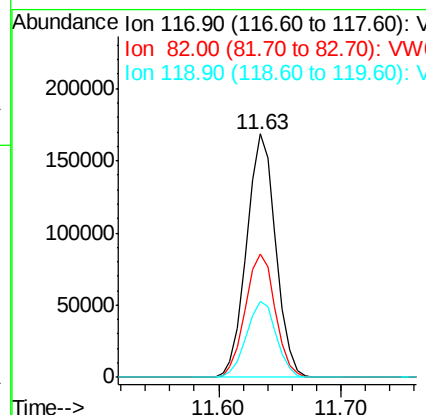
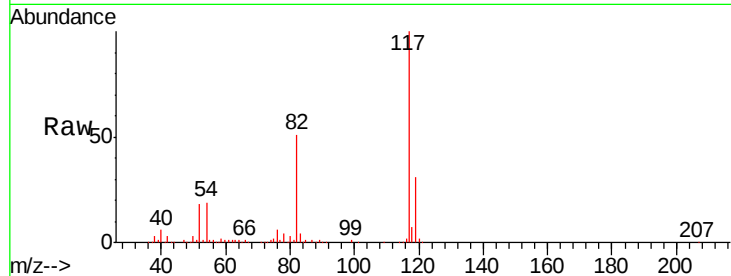




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006200.D
Acq: 19 Oct 2018 03:55

Instrument :
MSVOA_W
ClientSampleId :
PL-03-101718-B

Tgt Ion:117 Resp: 278271
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 31.3 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: VW006200.D
Acq: 19 Oct 2018 03:55

Tgt Ion:152 Resp: 112265
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.3
150 157.5 0.0 349.2

