

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005608.D
 Acq On : 25 Sep 2018 14:01
 Operator : VA/AP
 Sample : J4777-27RE
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-BRE

Quant Time: Sep 25 14:52:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

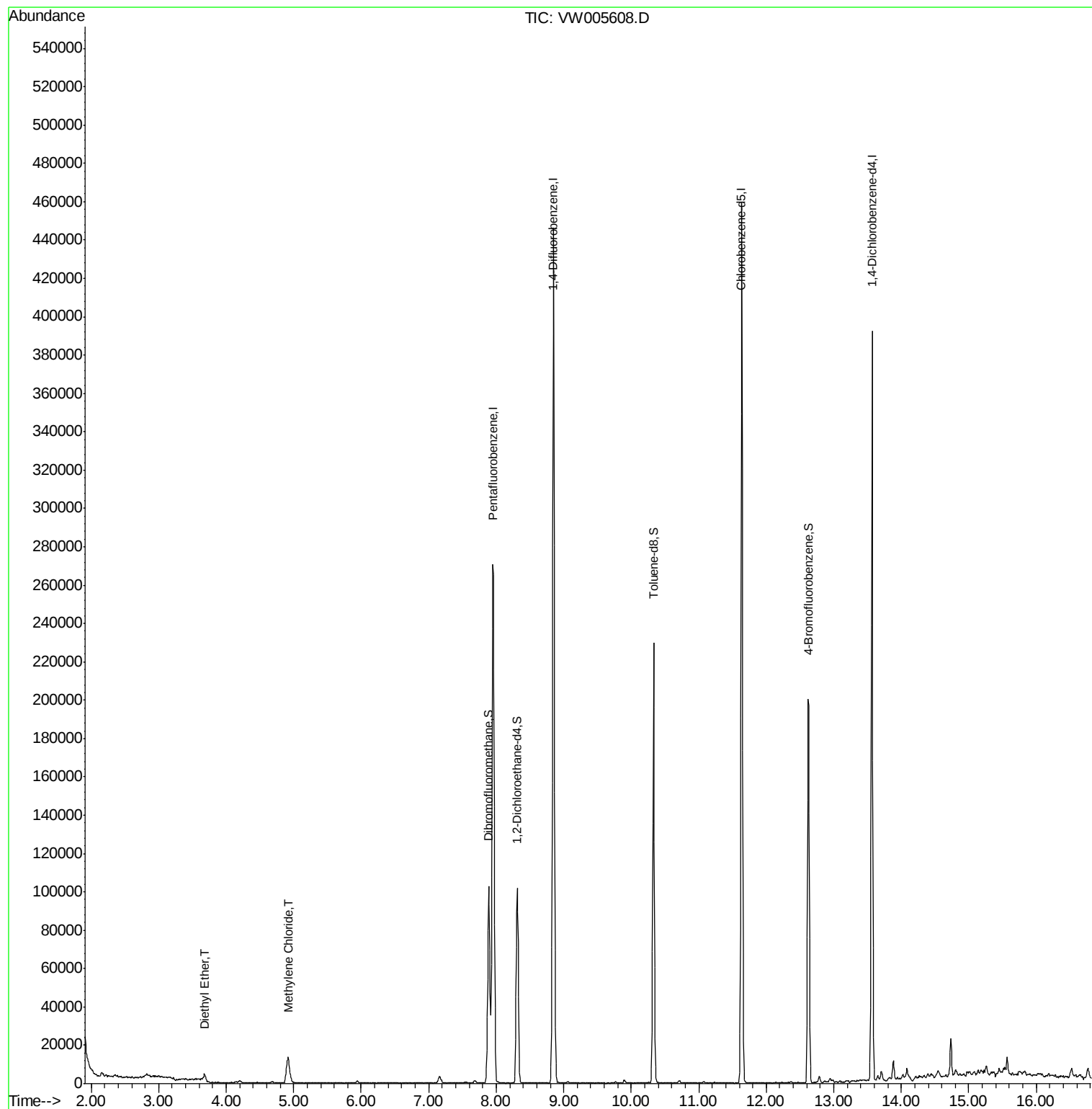
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	199159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	102418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84346	35.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.90%	
35) Dibromofluoromethane	7.89	113	71048	32.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.86%	
50) Toluene-d8	10.33	98	147736	16.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.12%	
62) 4-Bromofluorobenzene	12.62	95	64923	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	
Target Compounds						
8) Diethyl Ether	3.68	74	2260	2.312	ug/l	98
20) Methylene Chloride	4.92	84	10866	1.356	ug/l #	91

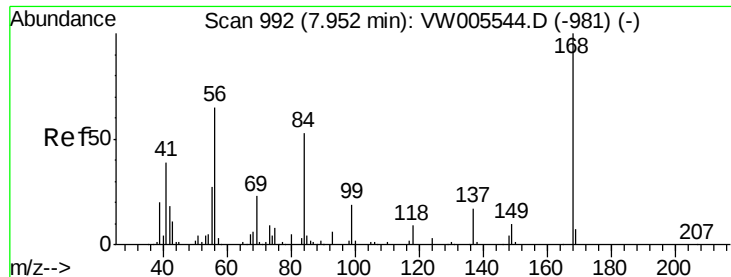
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 09:05:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005608.D

Acq: 25 Sep 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

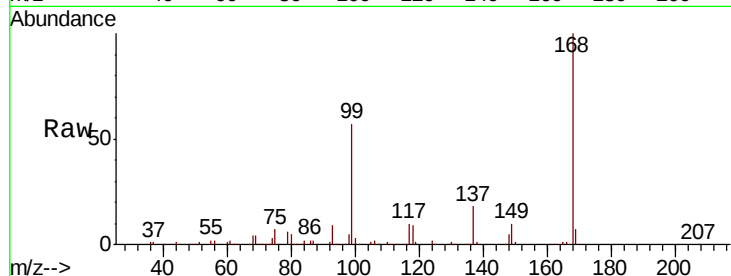
PL-04-092018-BRE

Tot Ion:168 Resp: 199159

Ion Ratio Lower Upper

168 100

99 57.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

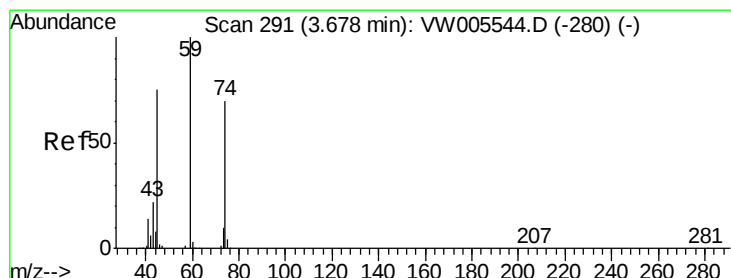
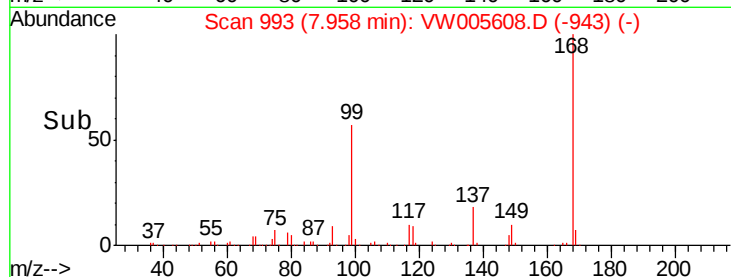
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.312 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005608.D

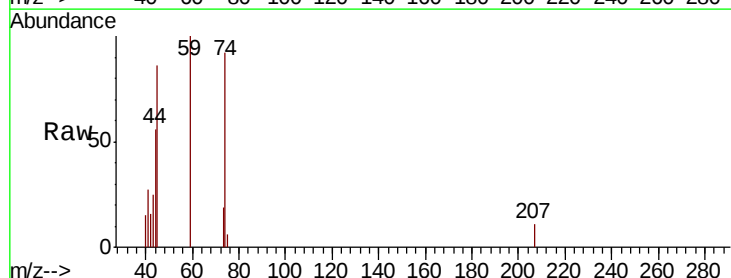
Acq: 25 Sep 2018 14:01

Tgt Ion: 74 Resp: 2260

Ion Ratio Lower Upper

74 100

45 101.3 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

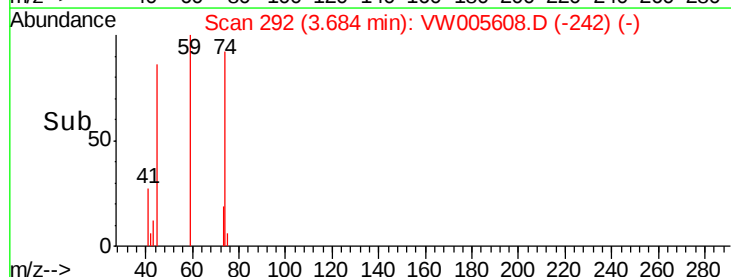
600

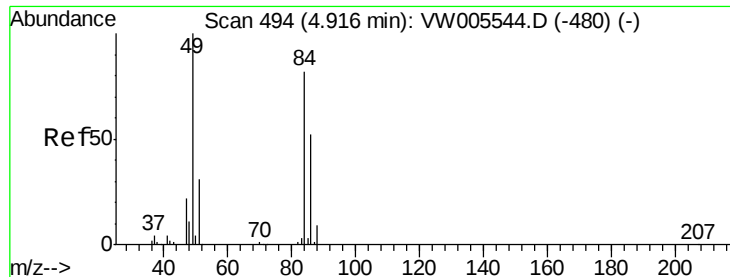
400

200

0

Time--> 3.60 3.65 3.70 3.75

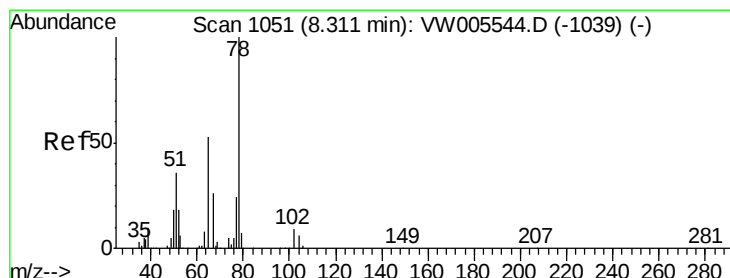
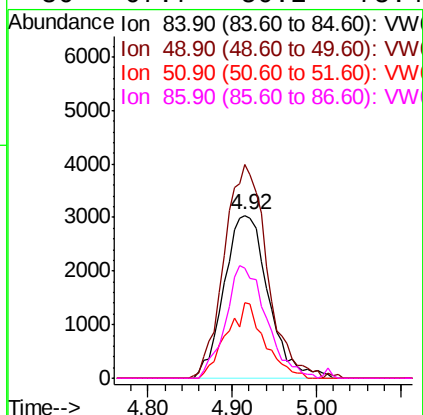
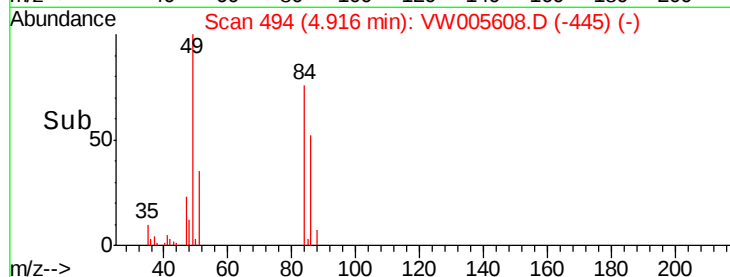
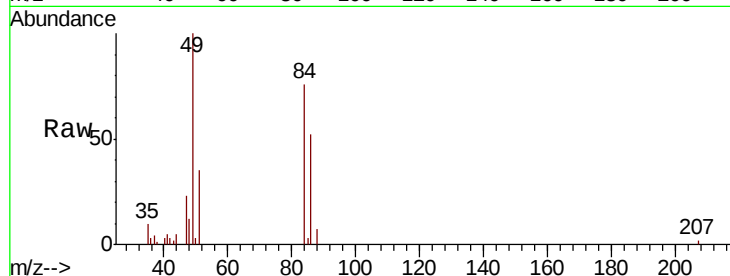




#20
Methvlene Chloride
Concen: 1.356 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005608.D
Acq: 25 Sep 2018 14:01

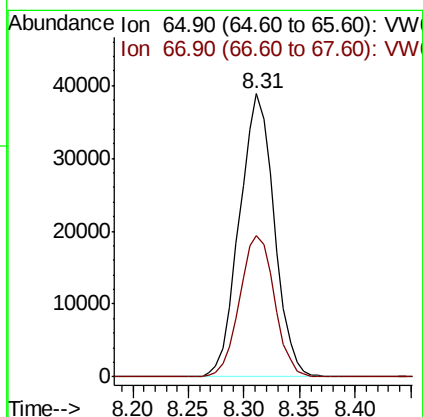
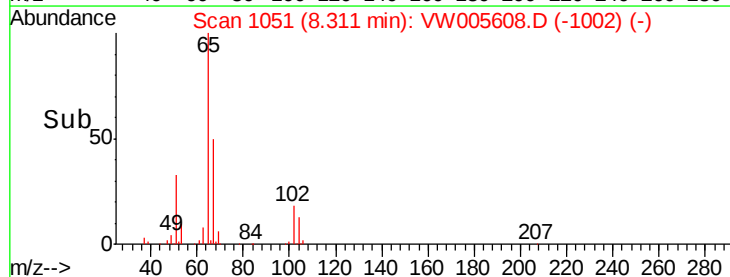
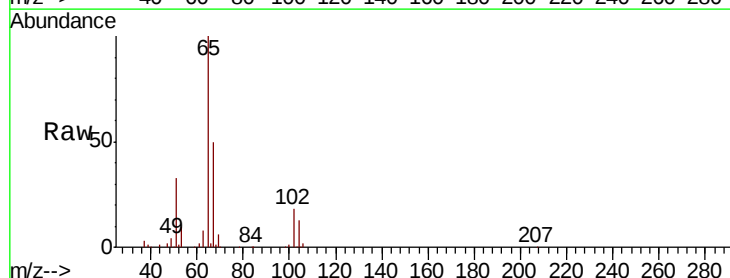
Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-BRE

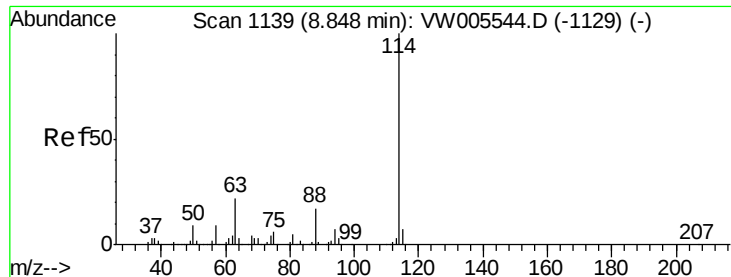
Tot Ion: 84 Resp: 10866
Ion Ratio Lower Upper
84 100
49 131.3 97.0 145.6
51 46.3 30.2 45.2#
86 67.7 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 35.949 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005608.D
Acq: 25 Sep 2018 14:01

Tgt Ion: 65 Resp: 84346
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.6

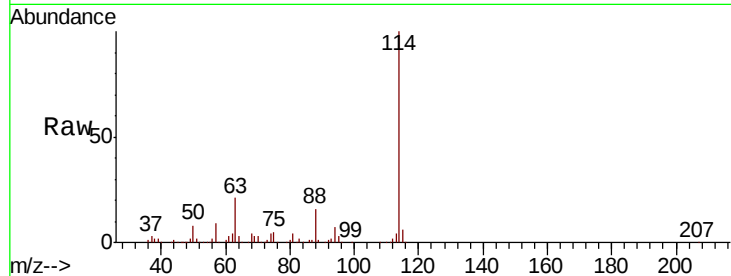




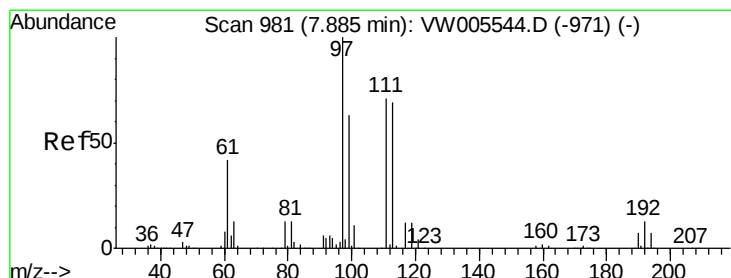
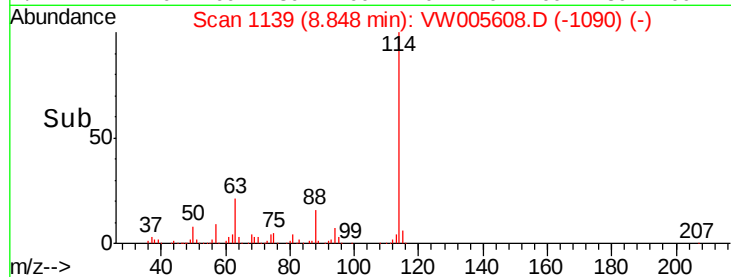
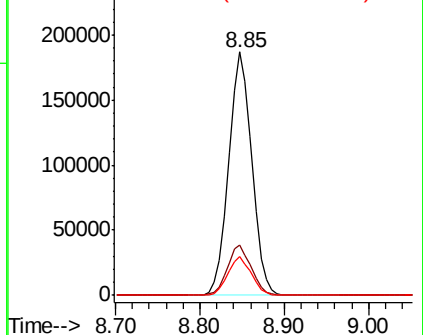
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005608.D
 Acq: 25 Sep 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-BRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.0
88	16.0	0.0	33.0

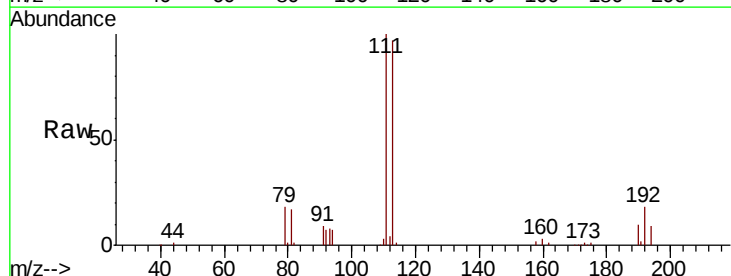


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

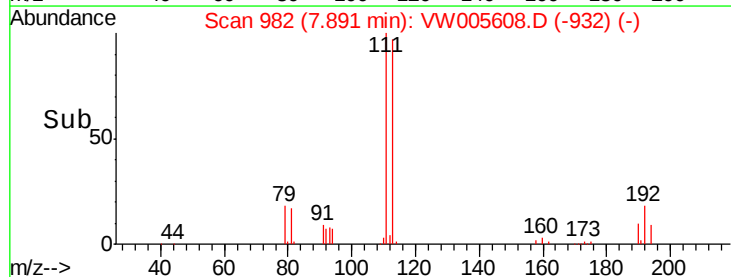
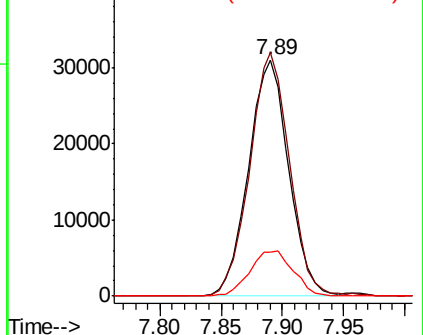


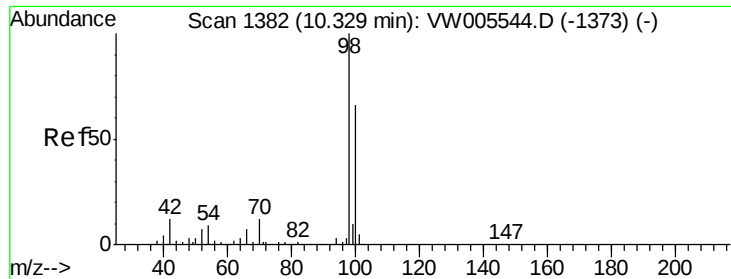
#35
 Dibromofluoromethane
 Concen: 32.434 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005608.D
 Acq: 25 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	20.8	17.0	25.4



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: 16.563 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005608.D

Acq: 25 Sep 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

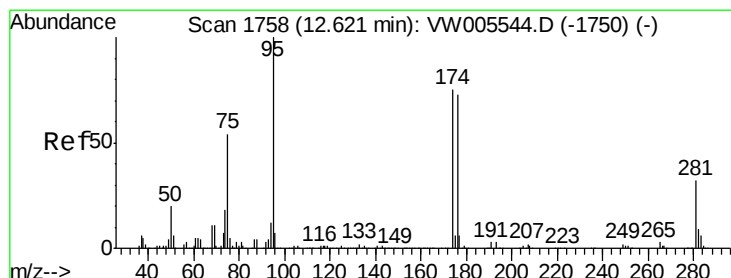
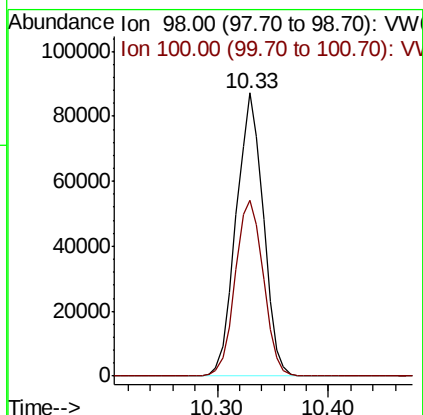
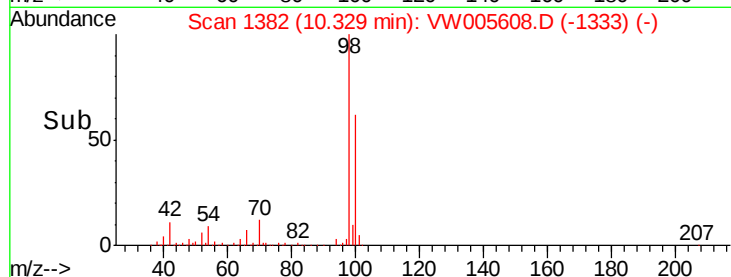
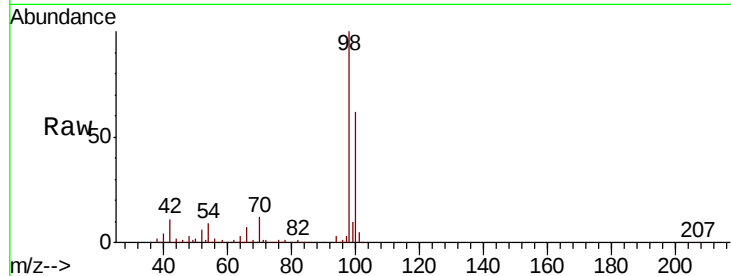
PL-04-092018-BRE

Tot Ion: 98 Resp: 147736

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 19.671 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005608.D

Acq: 25 Sep 2018 14:01

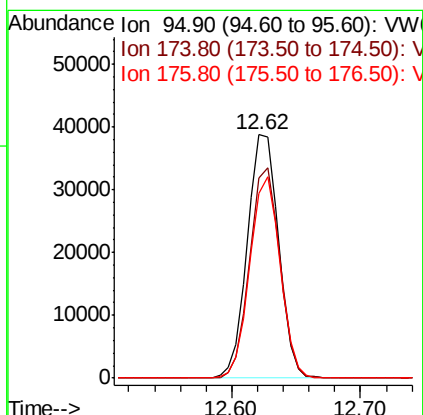
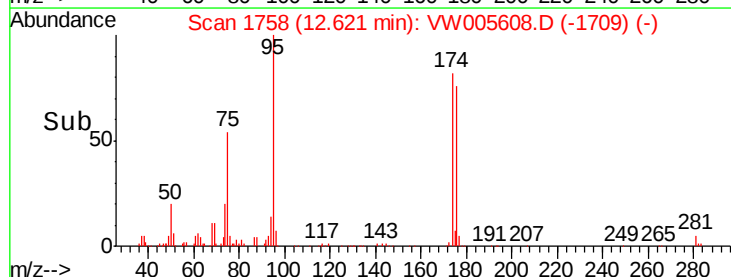
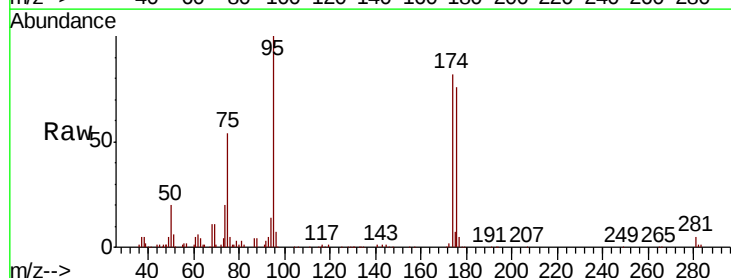
Tgt Ion: 95 Resp: 64923

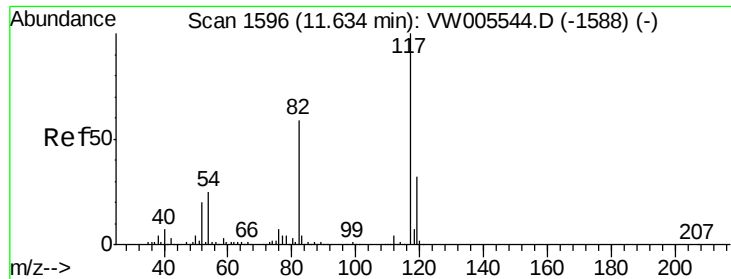
Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.8

176 80.0 0.0 158.0

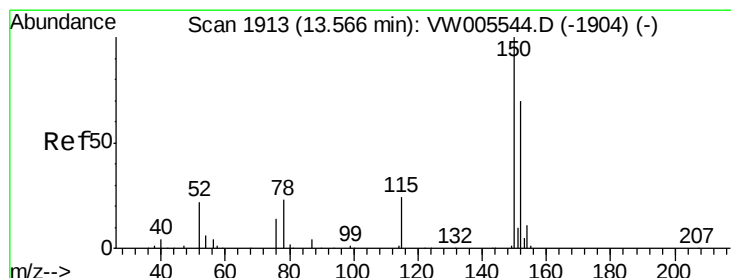
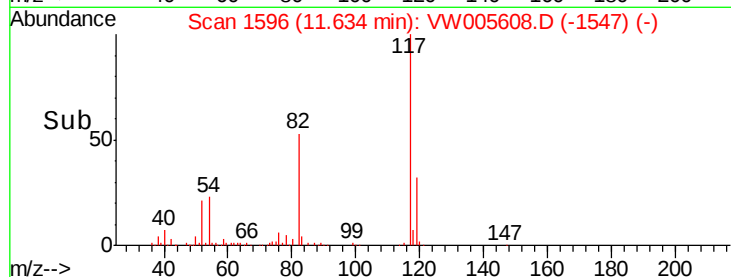
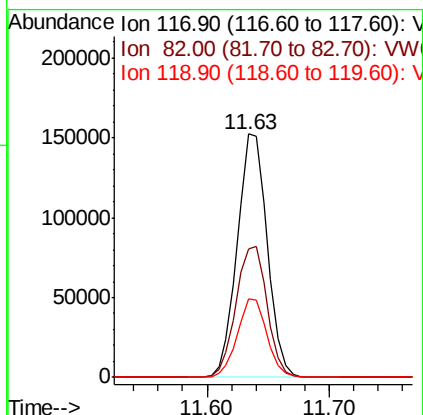
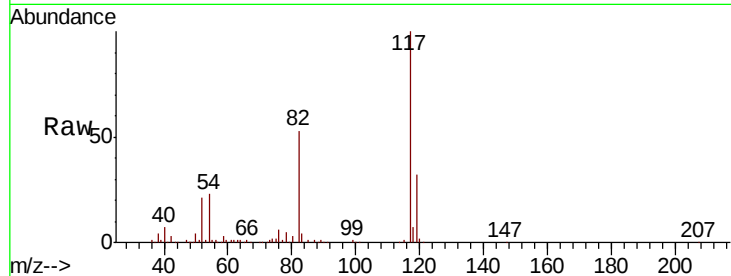




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005608.D
Acq: 25 Sep 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	46.9	70.3
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005608.D
Acq: 25 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.0	90.0
150	158.5	0.0	348.6

