

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005585.D
 Acq On : 24 Sep 2018 15:22
 Operator : VA/AP
 Sample : J4777-31
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 25 07:07:37 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

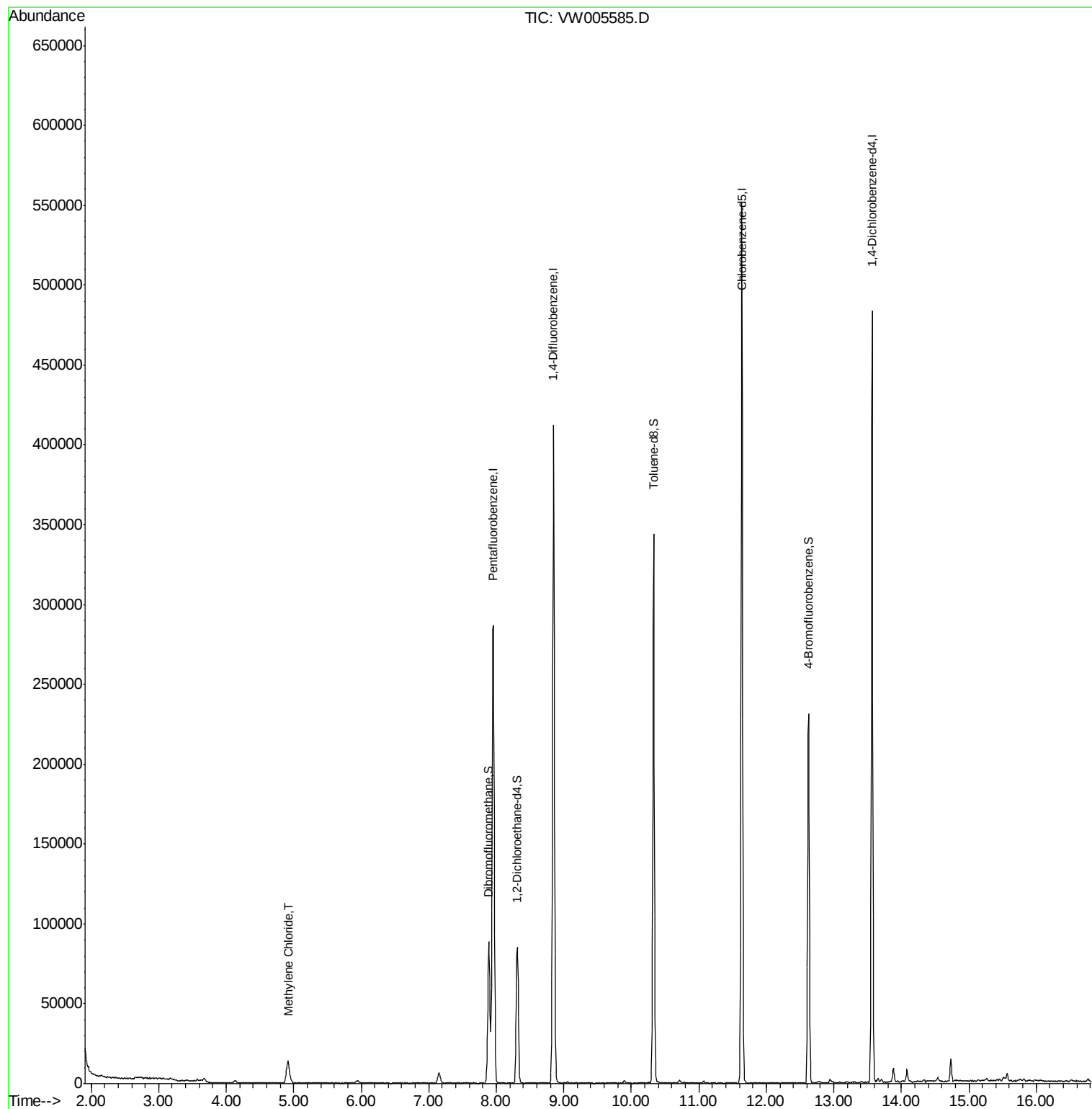
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	214663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72896	28.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.66%	
35) Dibromofluoromethane	7.88	113	61860	29.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.44%	
50) Toluene-d8	10.33	98	219733	25.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.84%	
62) 4-Bromofluorobenzene	12.63	95	71354	22.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.50%	
Target Compounds						
20) Methylene Chloride	4.92	84	11056	1.017	ug/l	Qvalue 92

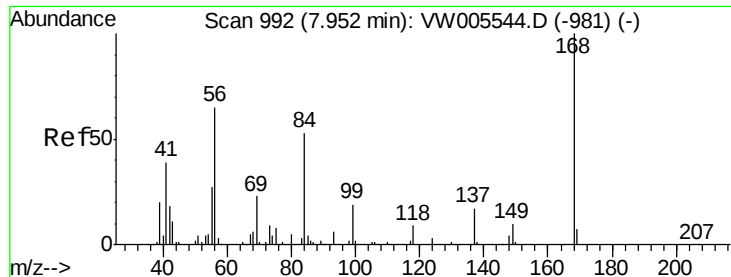
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005585.D

Acq: 24 Sep 2018 15:22

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MSVOA_W

ClientSampleId :

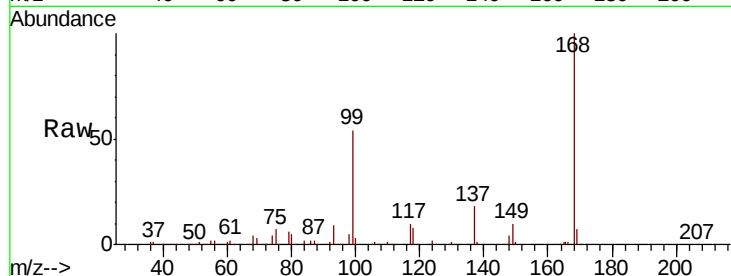
PL-04-092018-D

Tot Ion:168 Resp: 214663

Ion Ratio Lower Upper

168 100

99 53.8 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

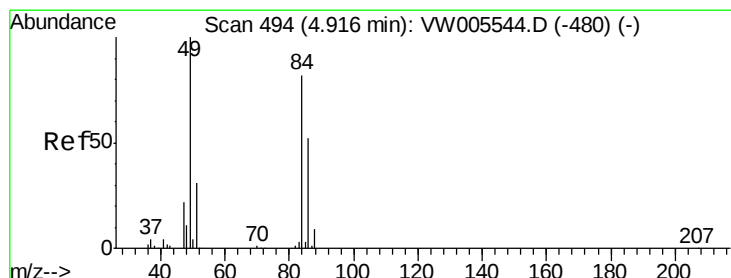
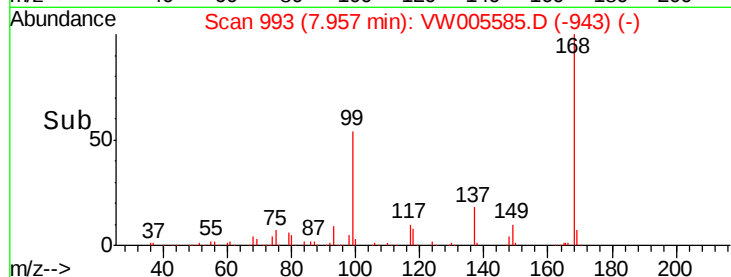
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 1.017 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005585.D

Acq: 24 Sep 2018 15:22

Tgt Ion: 84 Resp: 11056

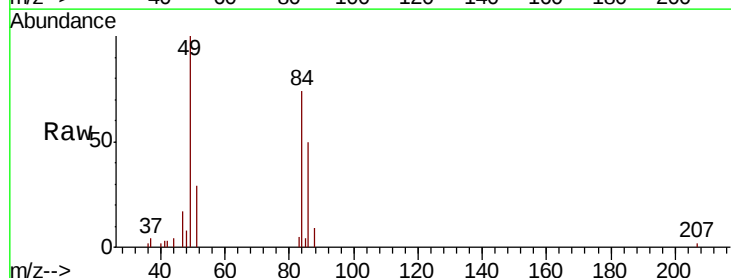
Ion Ratio Lower Upper

84 100

49 134.7 97.0 145.6

51 39.0 30.2 45.2

86 66.9 50.2 75.4



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

4.92

6000

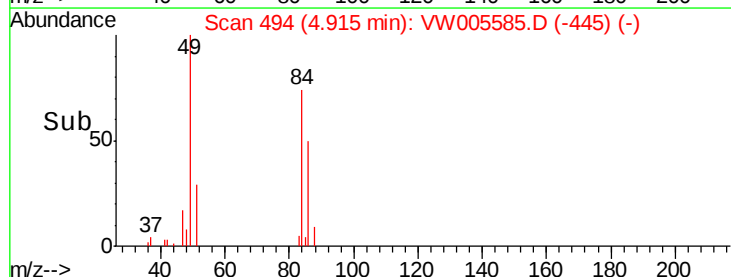
4000

2000

0

4.80 4.90 5.00

Time-->

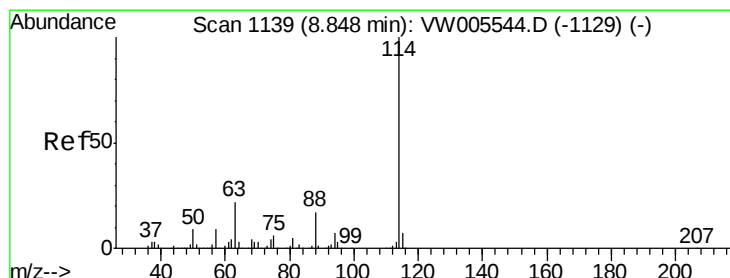
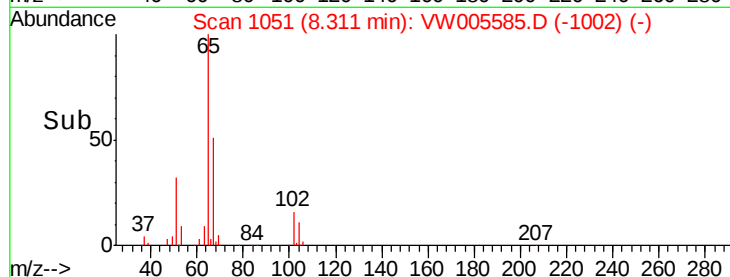
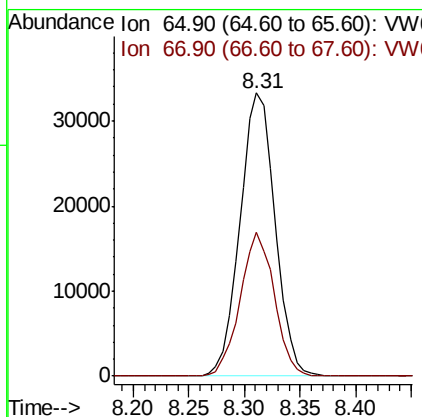
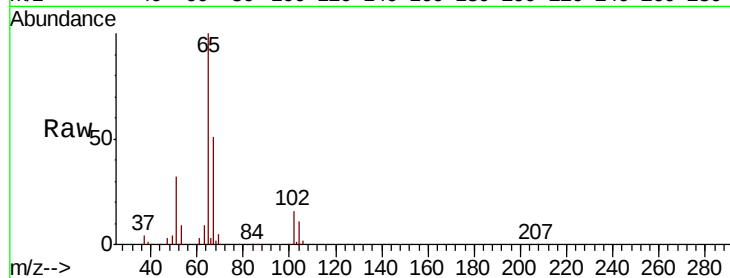




#33
 1,2-Dichloroethane-d4
 Concen: 28.825 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

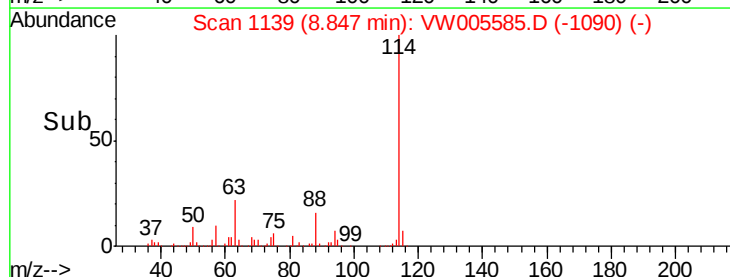
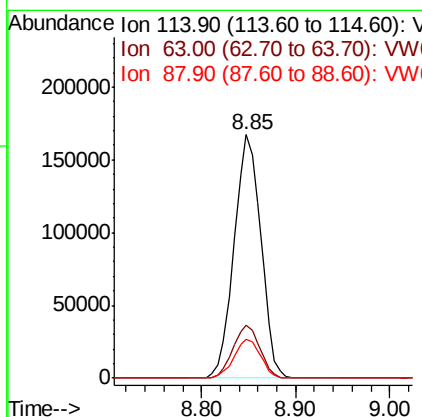
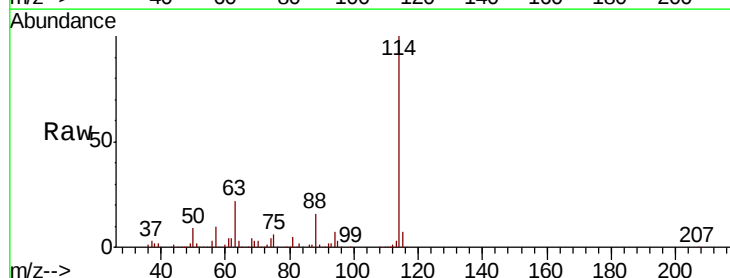
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-D

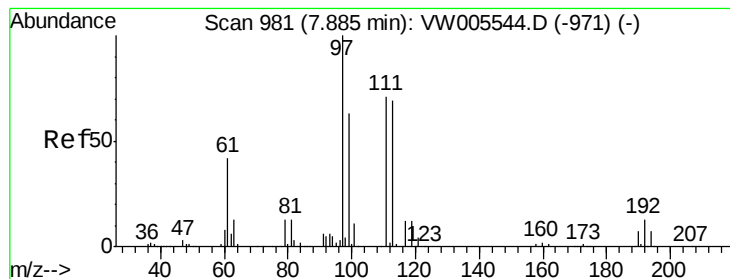
Tot Ion: 65 Resp: 72896
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

Tgt Ion: 114 Resp: 331015
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 29.717 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005585.D

Acq: 24 Sep 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-D

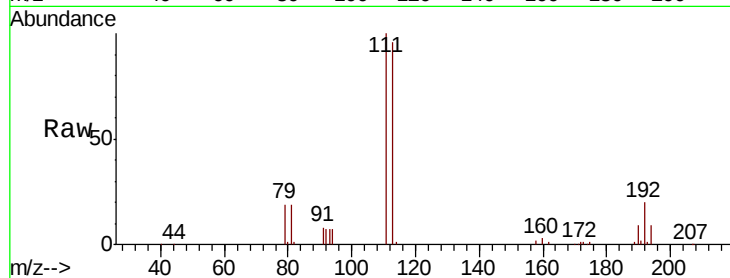
Tot Ion:113 Resp: 61860

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

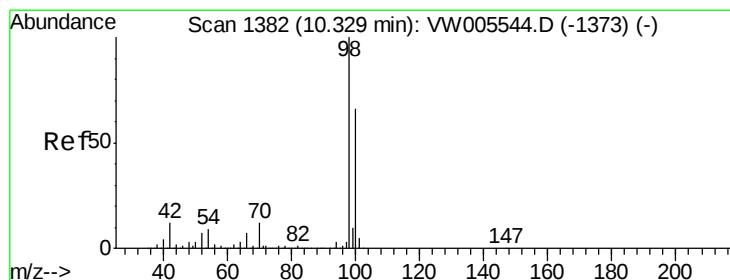
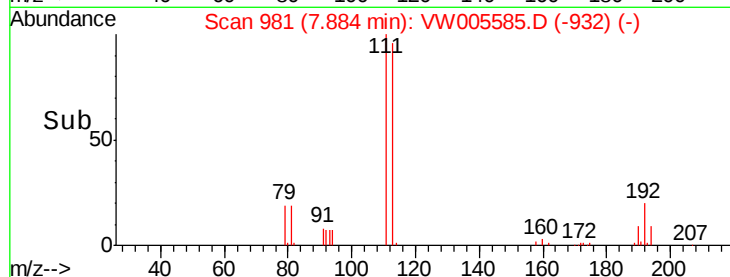
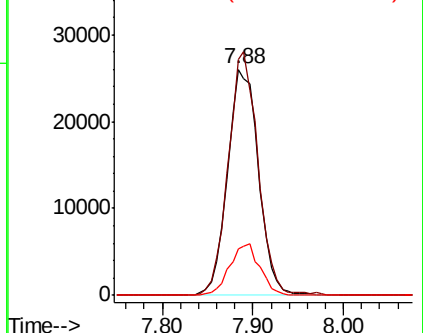
192 21.9 17.0 25.4



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: 25.924 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005585.D

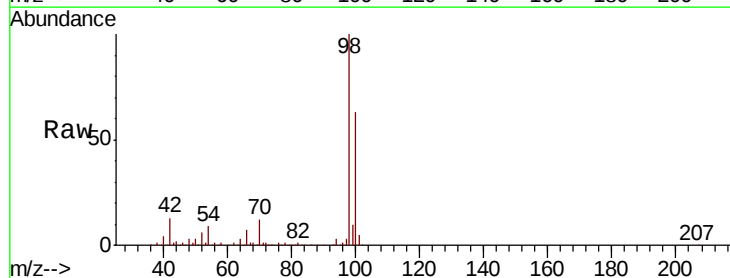
Acq: 24 Sep 2018 15:22

Tgt Ion: 98 Resp: 219733

Ion Ratio Lower Upper

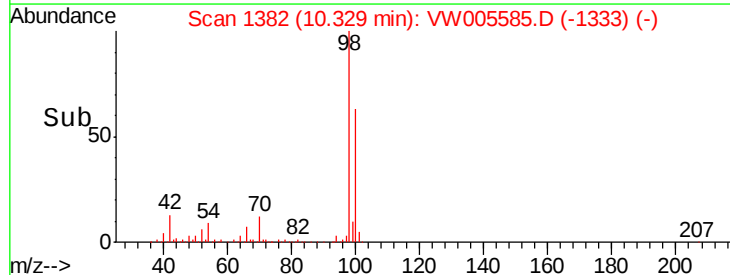
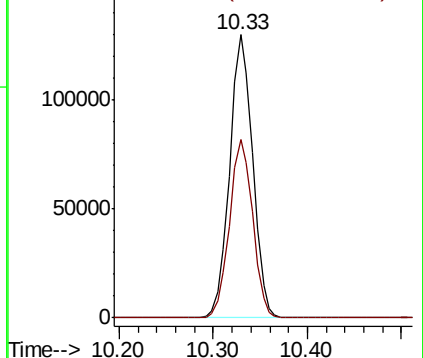
98 100

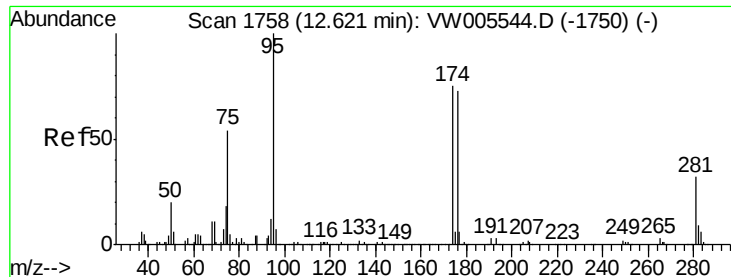
100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

150000 Ion 100.00 (99.70 to 100.70): VW

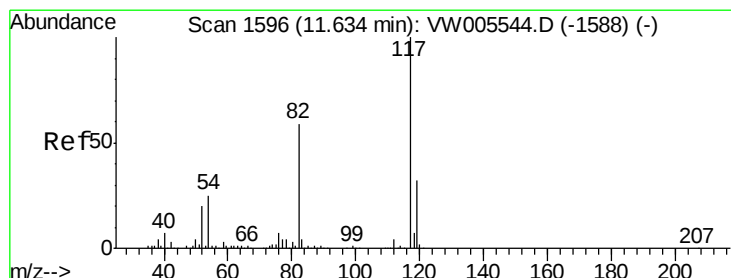
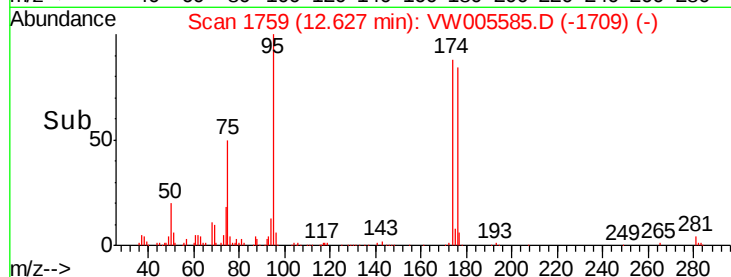
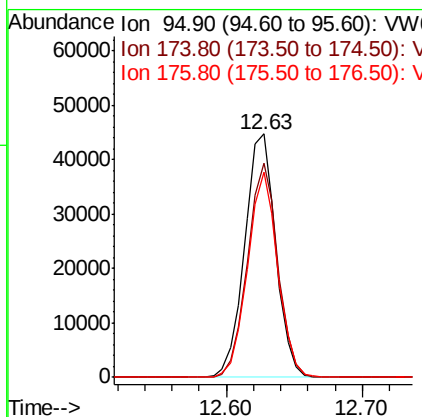
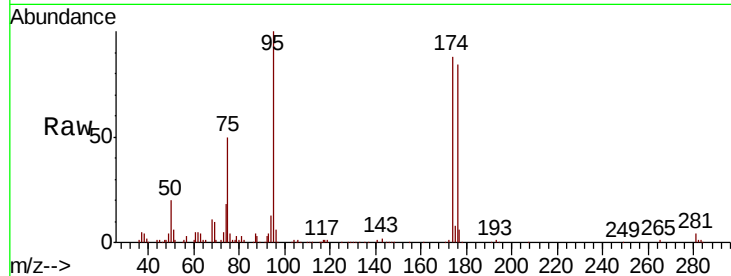




#62
4-Bromofluorobenzene
Concen: 22.751 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

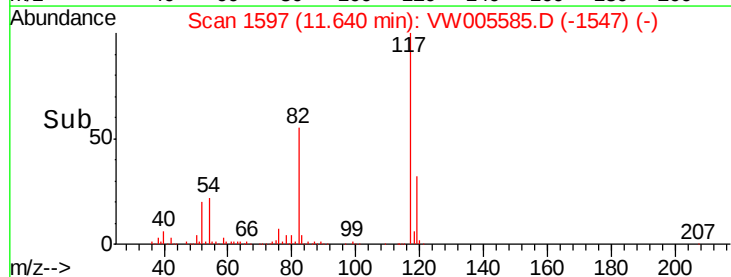
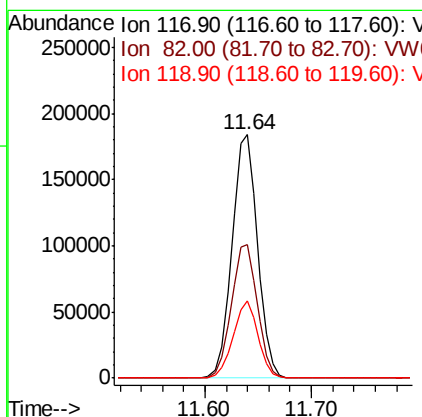
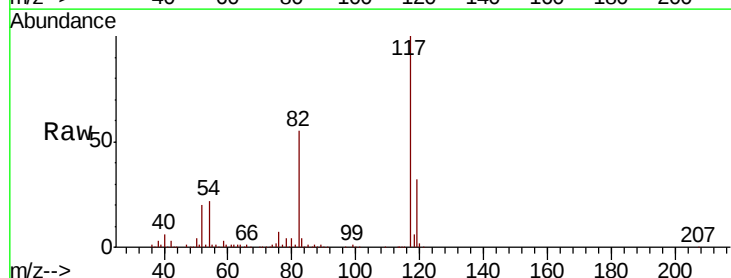
Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-D

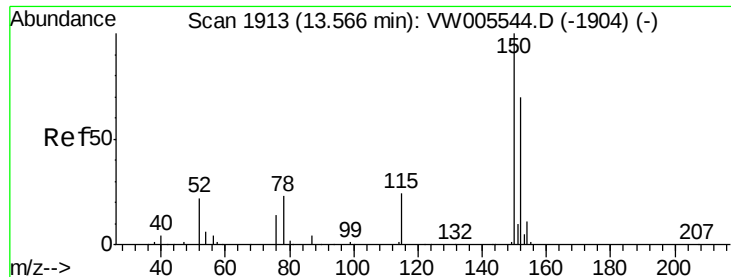
Tot Ion: 95 Resp: 71354
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.8
176 82.0 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Tgt Ion: 117 Resp: 309995
Ion Ratio Lower Upper
117 100
82 55.1 46.9 70.3
119 31.8 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: VW005585.D

Acq: 24 Sep 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-D

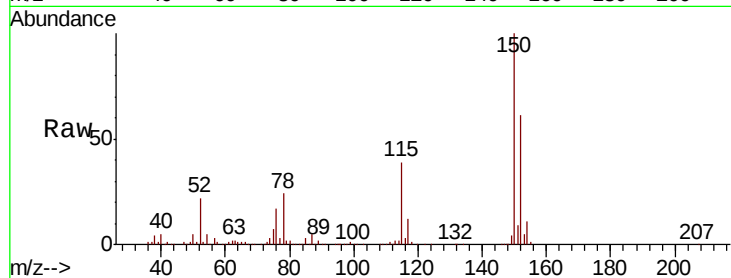
Tot Ion:152 Resp: 122198

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 157.7 0.0 348.6



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

