

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102218\
 Data File : VW006271.D
 Acq On : 23 Oct 2018 01:54
 Operator : VA/AP
 Sample : J5625-06
 Misc : 4.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03

Quant Time: Nov 03 01:47:16 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

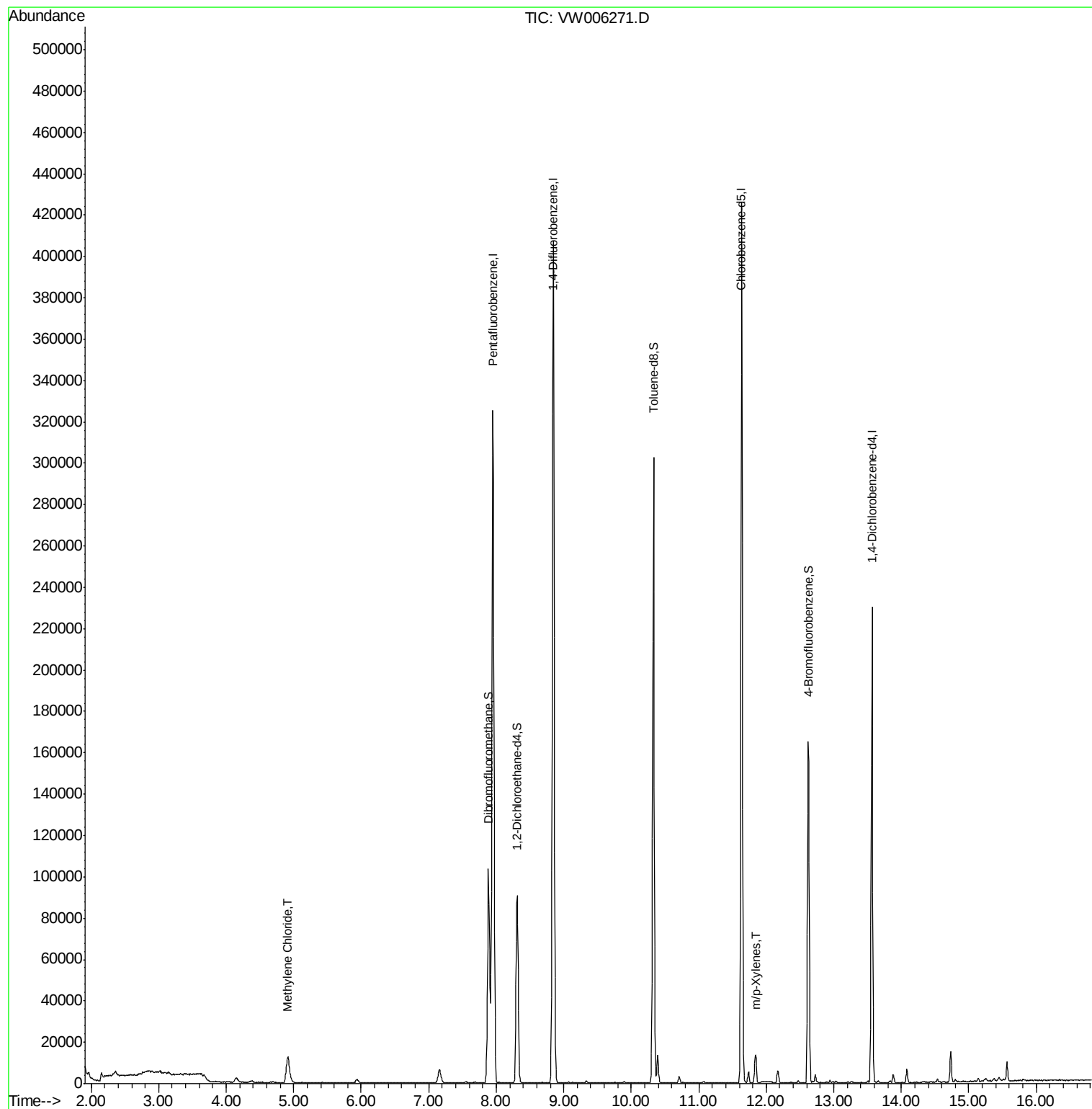
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71394	32.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.24%	
35) Dibromofluoromethane	7.88	113	72742	33.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.92%	
50) Toluene-d8	10.33	98	208796	25.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.50%	
62) 4-Bromofluorobenzene	12.62	95	50469	16.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.50%	
Target Compounds						
20) Methylene Chloride	4.91	84	11258	3.343	ug/l	91
68) m/p-Xylenes	11.84	106	4520	1.261	ug/l	96

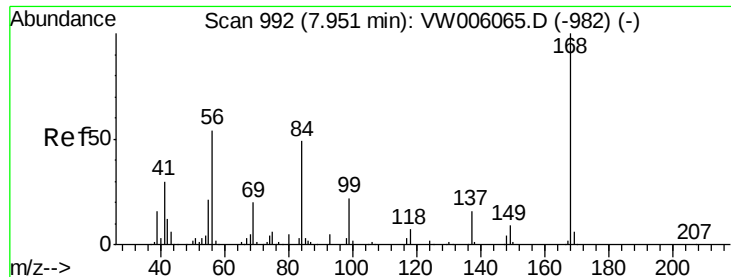
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006271.D

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Instrument :

MSVOA_W

ClientSampleId :

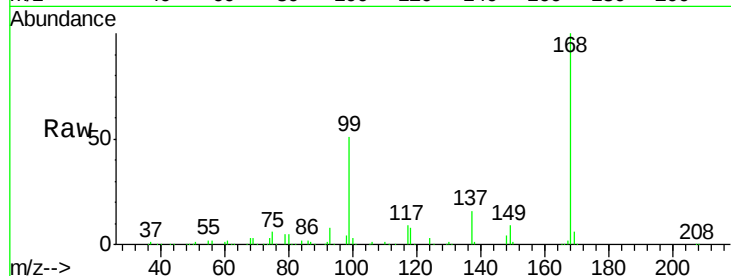
DW-03

Tgt Ion:168 Resp: 263988

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

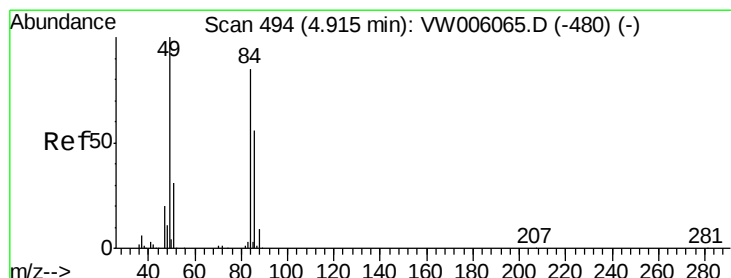
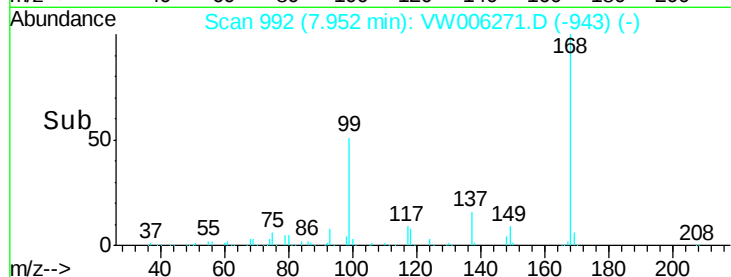
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.343 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Tgt Ion: 84 Resp: 11258

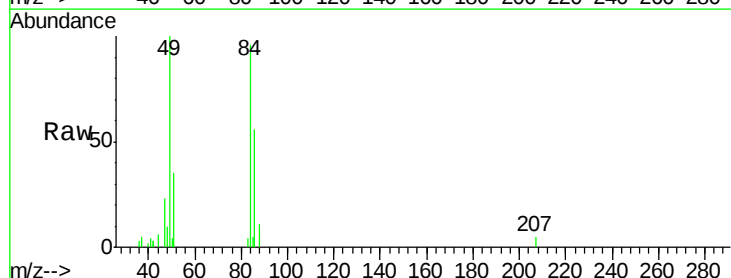
Ion Ratio Lower Upper

84 100

49 104.2 93.6 140.4

51 36.2 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

4.91

6000

5000

4000

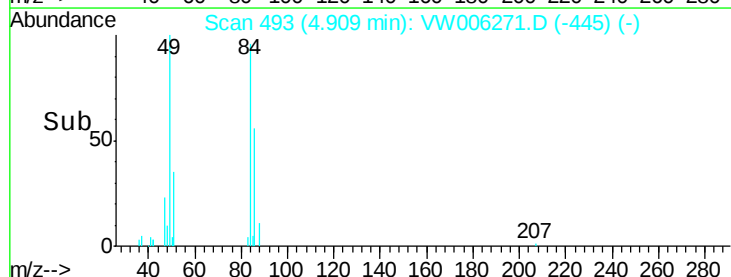
3000

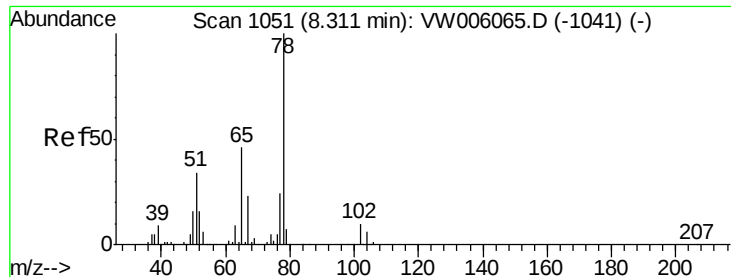
2000

1000

0

Time-->

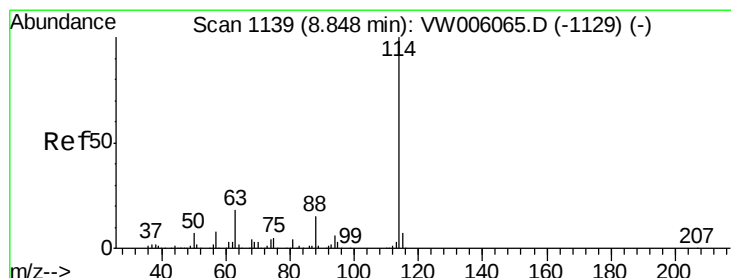
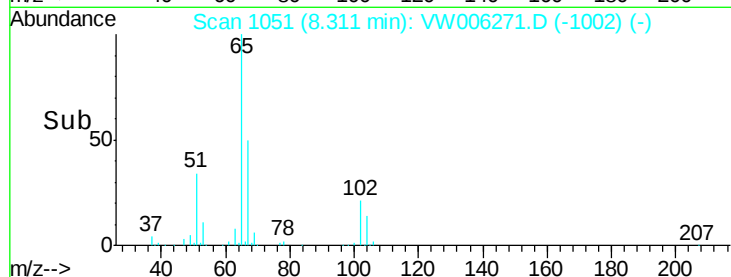
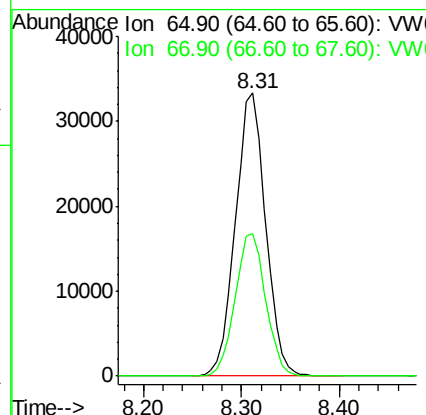
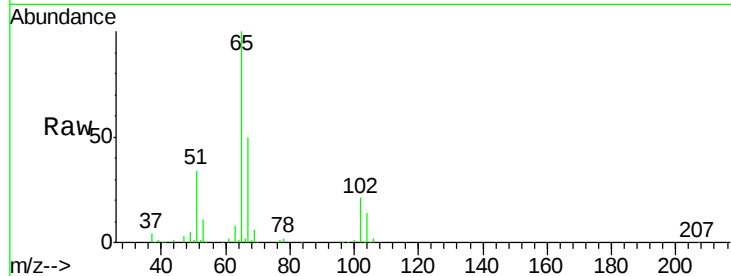




#33
 1,2-Dichloroethane-d4
 Concen: 32.621 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

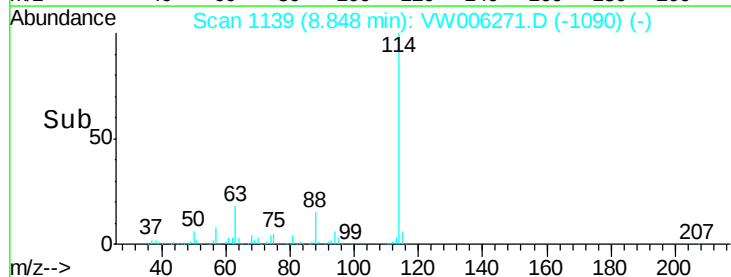
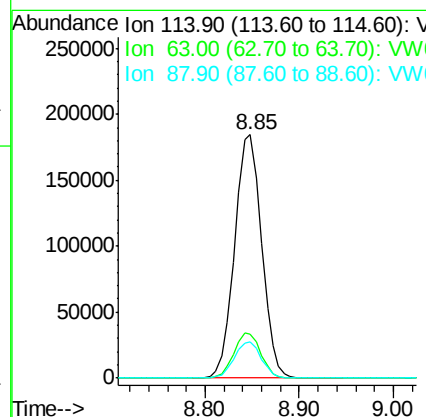
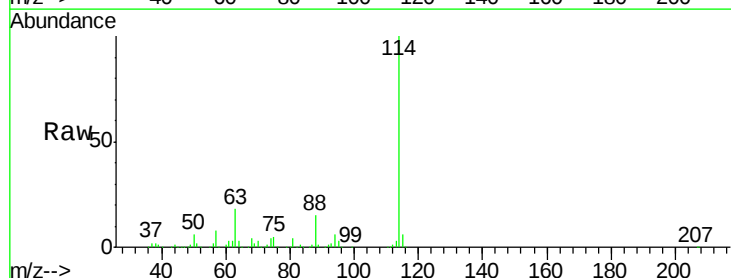
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03

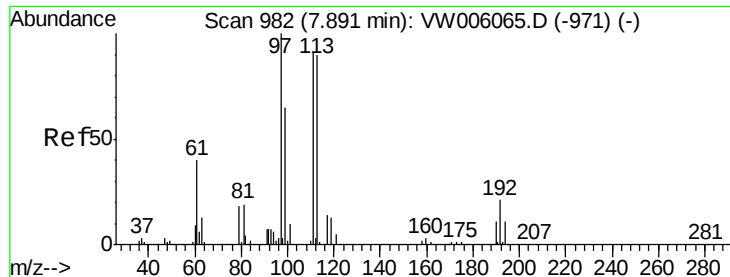
Tgt Ion: 65 Resp: 71394
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

Tgt Ion: 114 Resp: 367897
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 33.462 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

DW-03

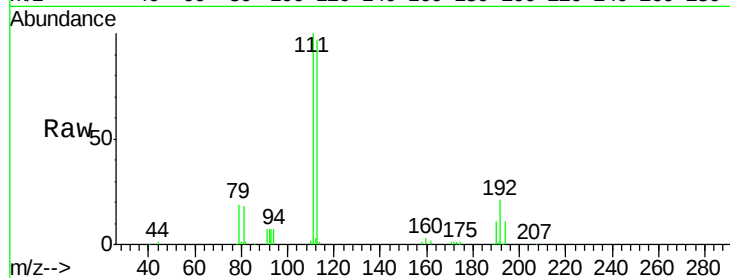
Tgt Ion:113 Resp: 72742

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

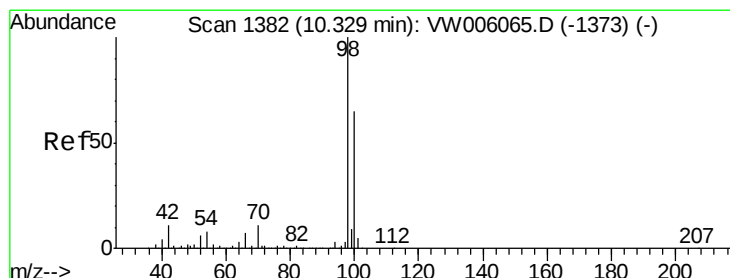
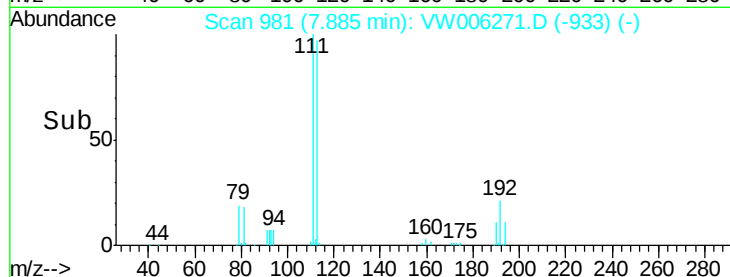
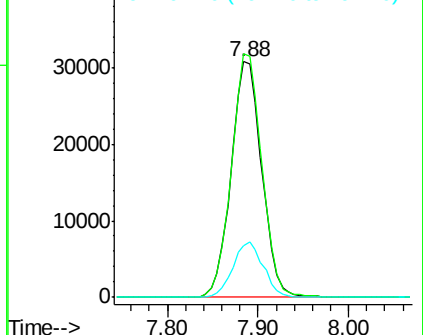
192 23.2 18.7 28.1



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: 25.246 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006271.D

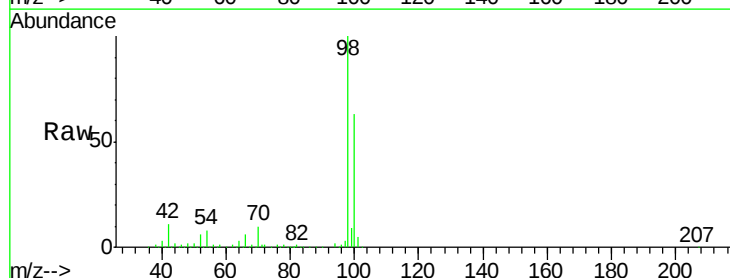
Acq: 23 Oct 2018 01:54

Tgt Ion: 98 Resp: 208796

Ion Ratio Lower Upper

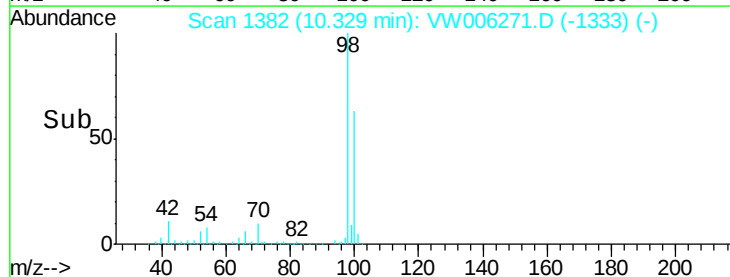
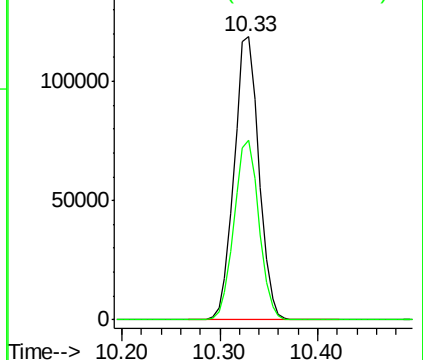
98 100

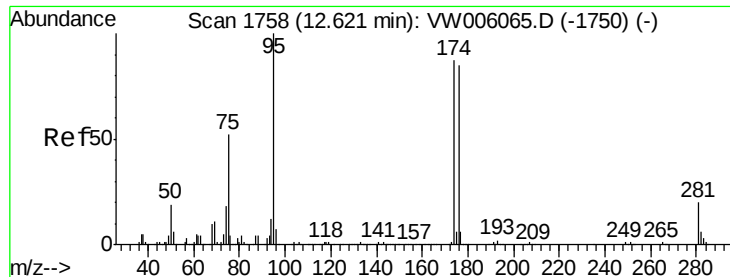
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 16.247 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

DW-03

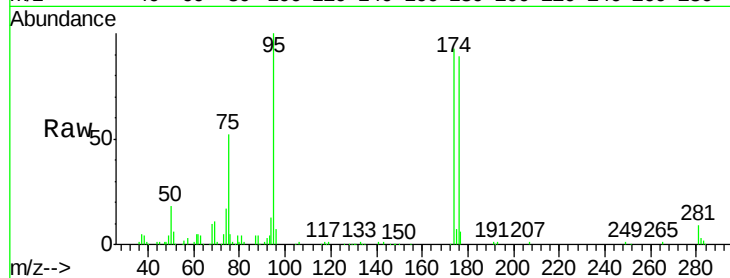
Tgt Ion: 95 Resp: 50469

Ion Ratio Lower Upper

95 100

174 94.9 0.0 186.0

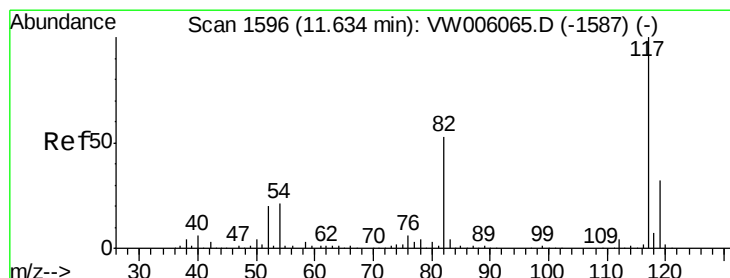
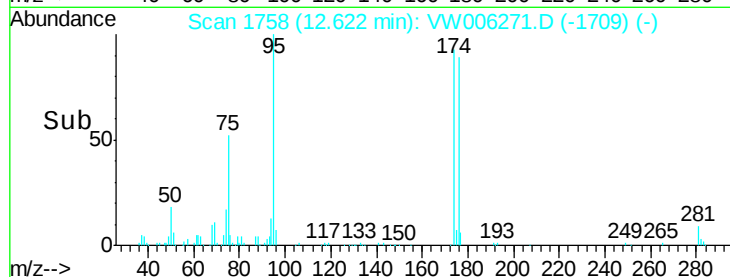
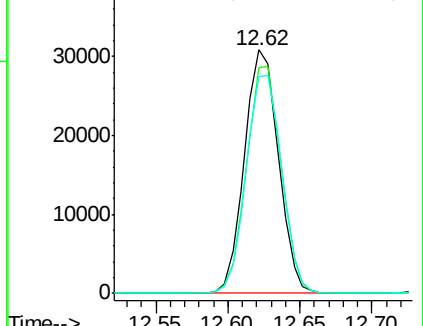
176 92.7 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

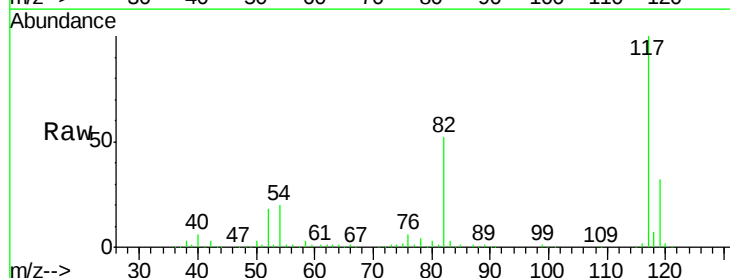
Tgt Ion: 117 Resp: 244383

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

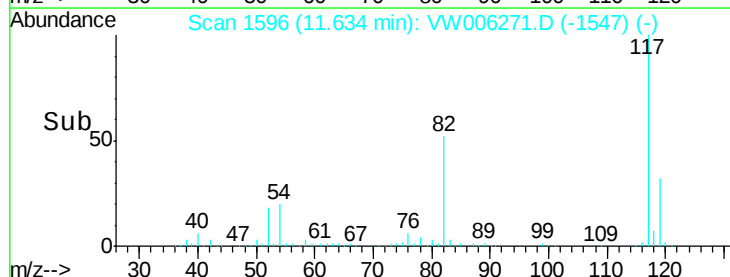
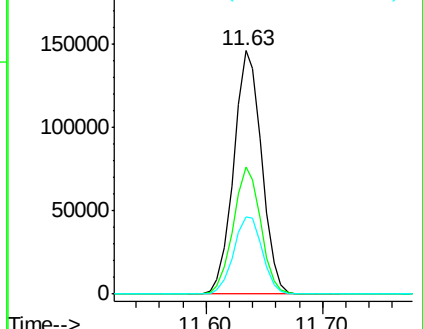
119 31.8 25.8 38.6

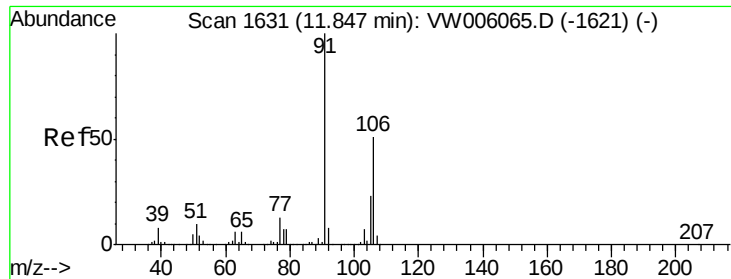


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

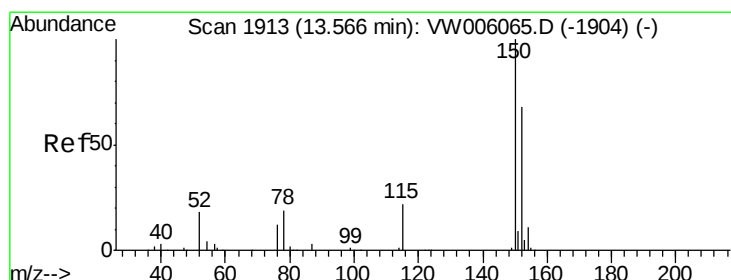
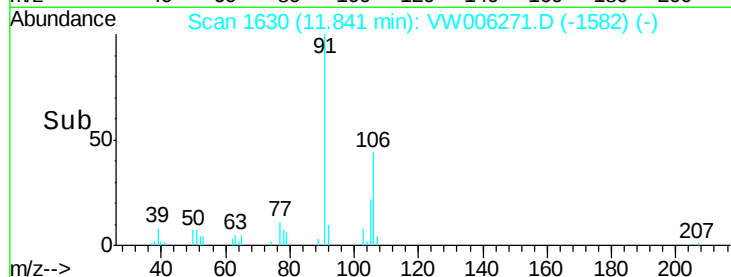
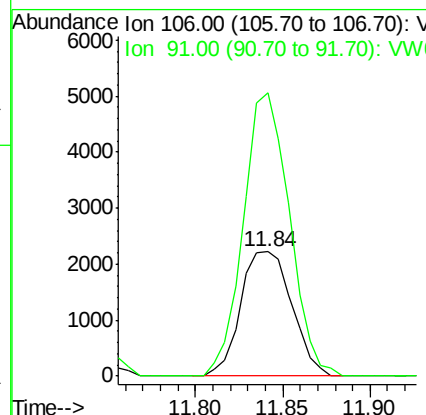
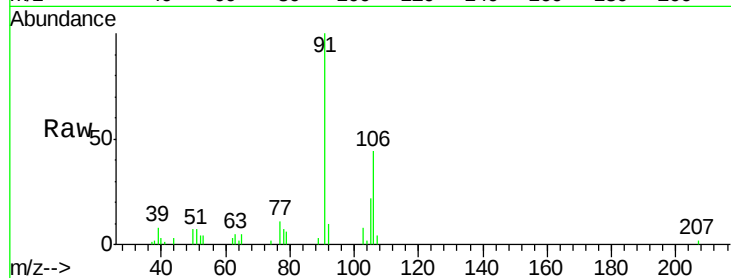




#68
m/p-Xylenes
Concen: 1.261 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
DW-03

Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 205.2 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

Tgt Ion:152 Resp: 64601
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 157.8 0.0 349.2

