

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006517.D
 Acq On : 30 Oct 2018 21:53
 Operator : SY/AP
 Sample : J5649-10
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

Quant Time: Oct 31 04:20:43 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

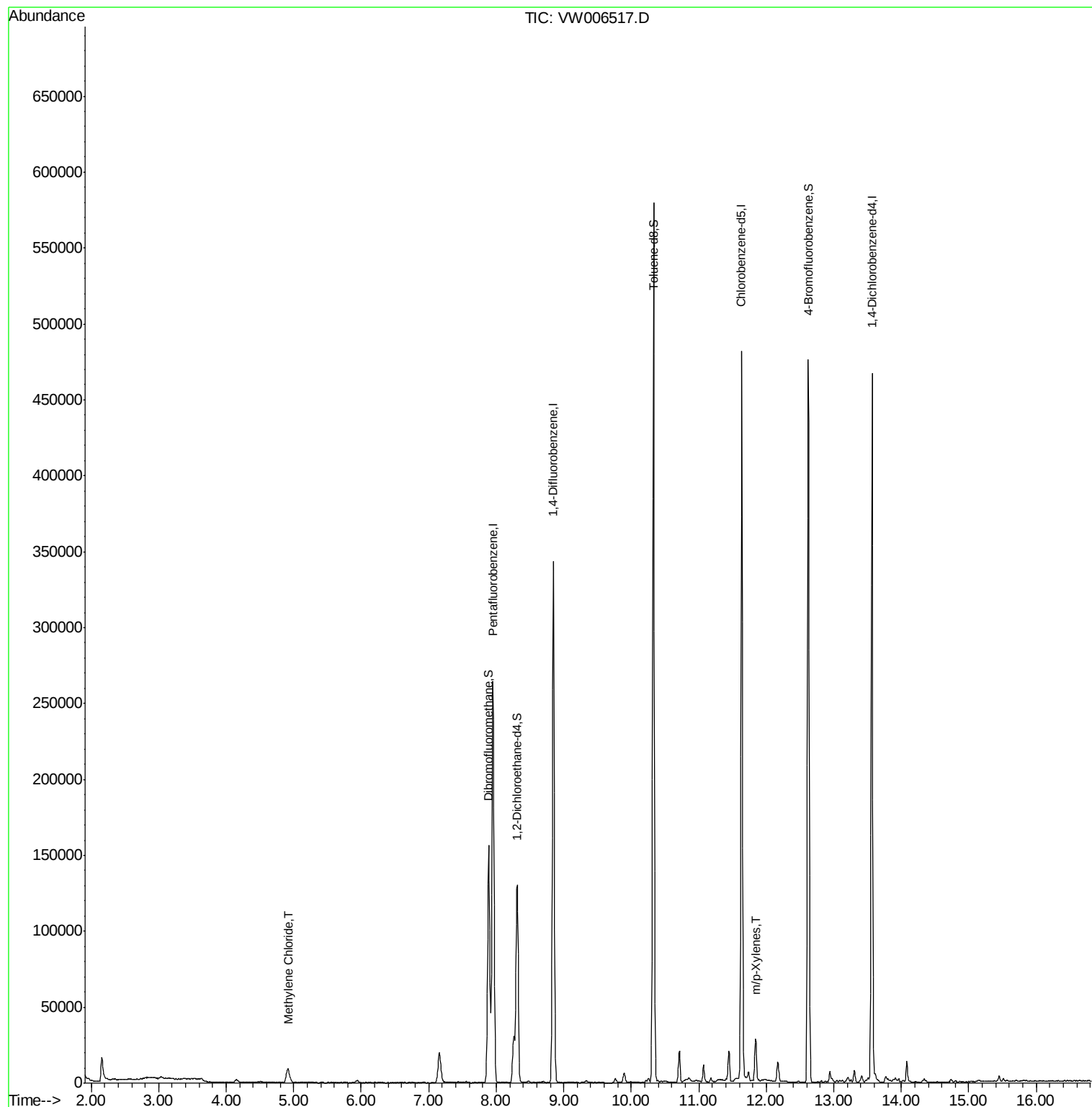
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105394	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
35) Dibromofluoromethane	7.89	113	109325	59.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.34%	
50) Toluene-d8	10.33	98	403551	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
62) 4-Bromofluorobenzene	12.62	95	130030	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
20) Methylene Chloride	4.92	84	8081	2.710	ug/l #	86
68) m/p-Xylenes	11.84	106	9056	2.225	ug/l	94

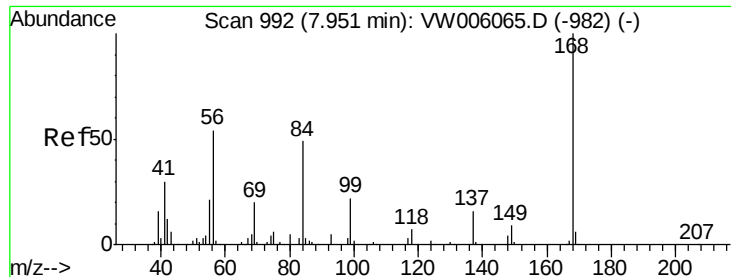
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampled :

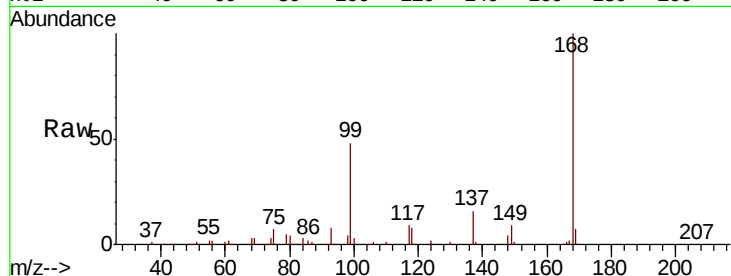
DL-04A

Tot Ion:168 Resp: 216775

Ion Ratio Lower Upper

168 100

99 48.0 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

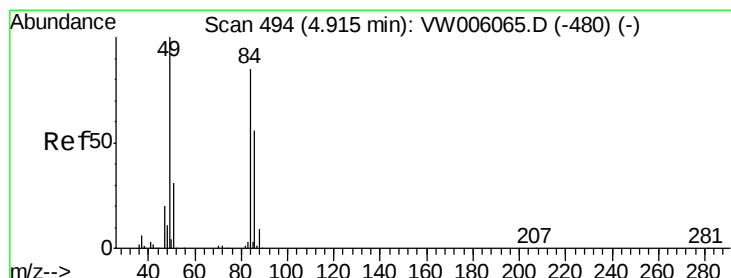
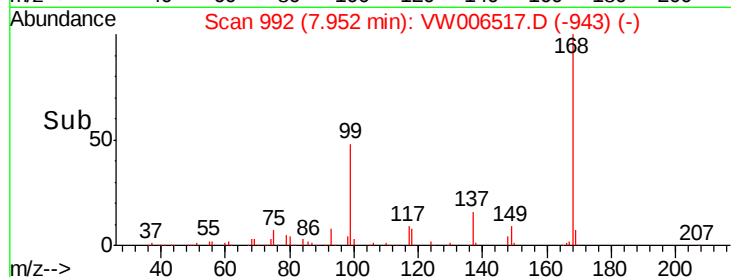
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.710 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Tgt Ion: 84 Resp: 8081

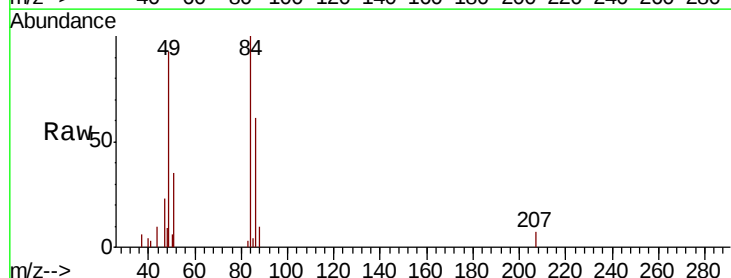
Ion Ratio Lower Upper

84 100

49 92.7 93.6 140.4#

51 35.4 29.0 43.4

86 60.6 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

4.92

4000

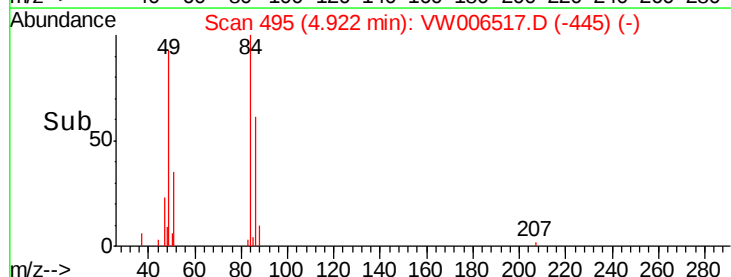
3000

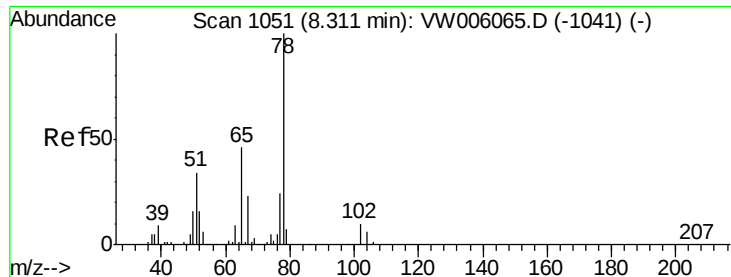
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.644 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampled :

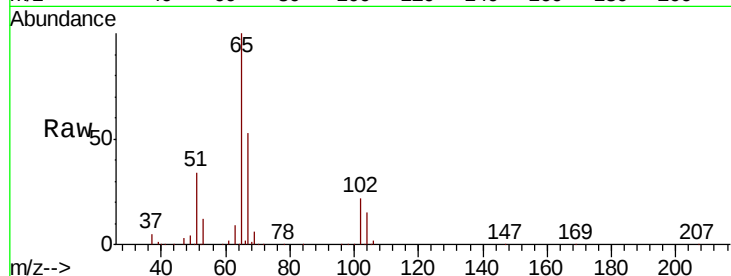
DL-04A

Tot Ion: 65 Resp: 105394

Ion Ratio Lower Upper

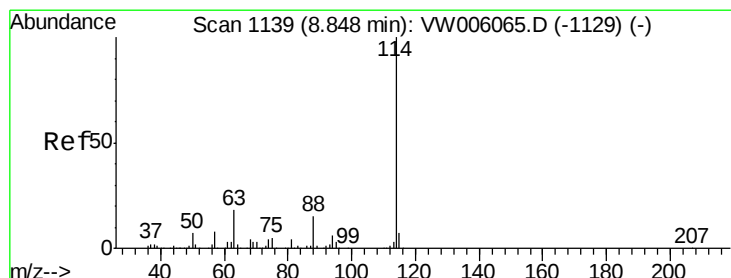
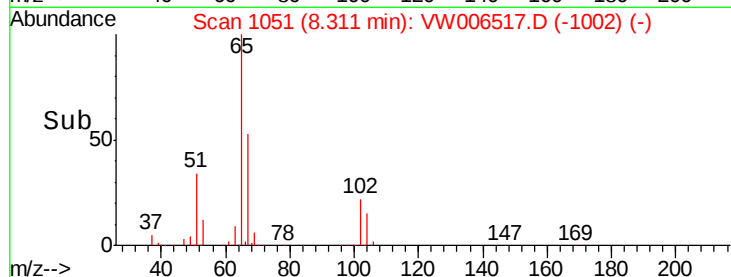
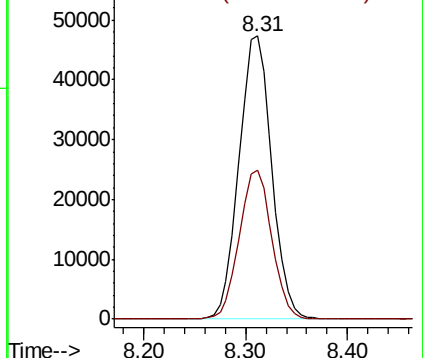
65 100

67 52.6 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: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

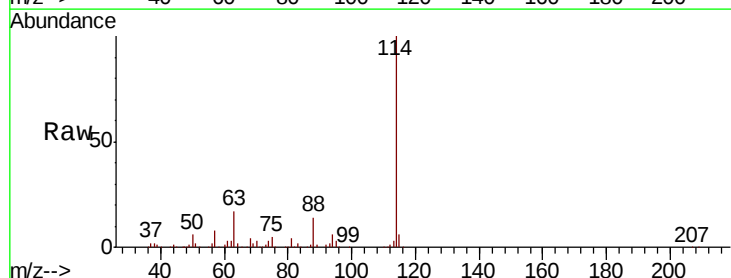
Tgt Ion: 114 Resp: 312709

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.8

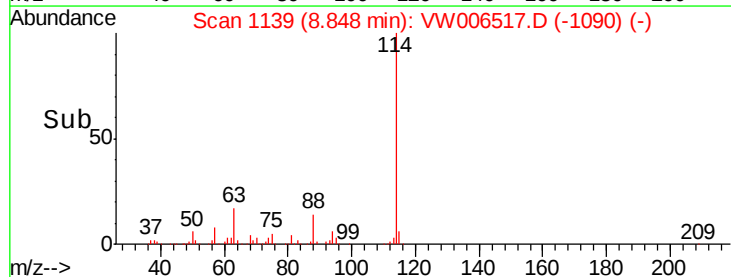
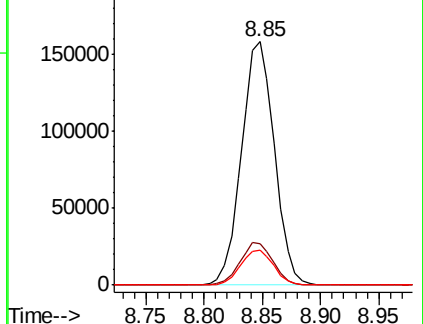
88 14.5 0.0 29.0



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: 59.166 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampleId :

DL-04A

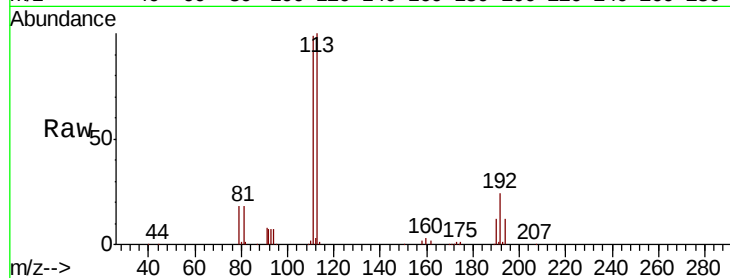
Tot Ion:113 Resp: 109325

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

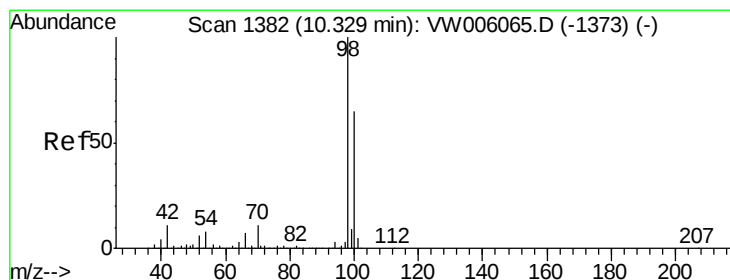
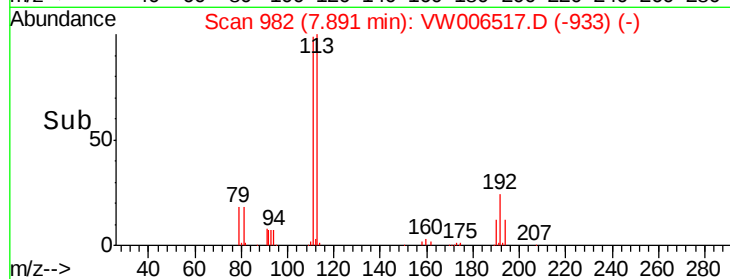
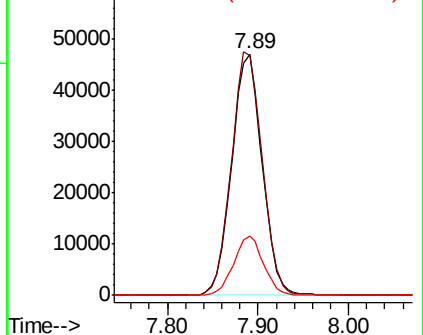
192 23.9 18.7 28.1



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: 57.405 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006517.D

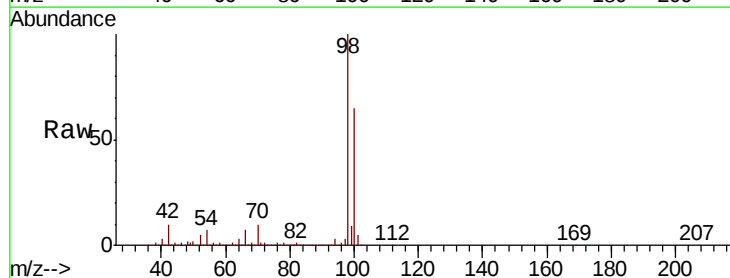
Acq: 30 Oct 2018 21:53

Tgt Ion: 98 Resp: 403551

Ion Ratio Lower Upper

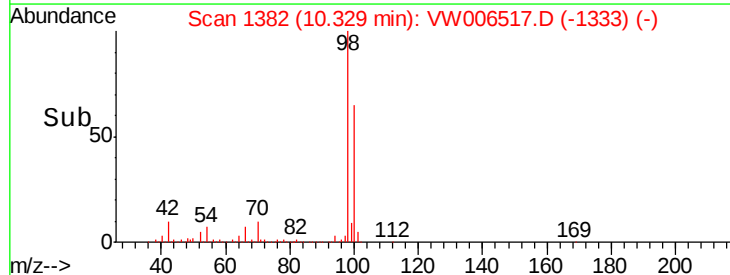
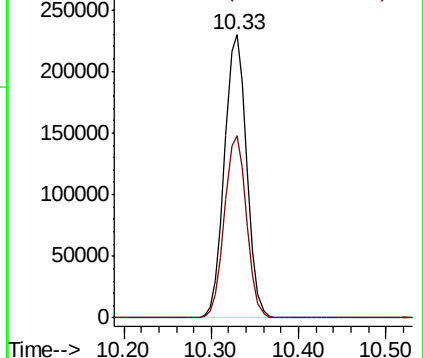
98 100

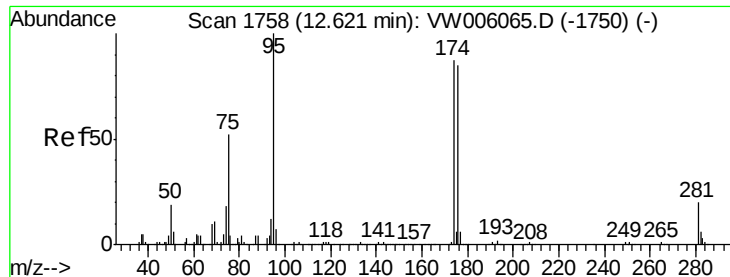
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

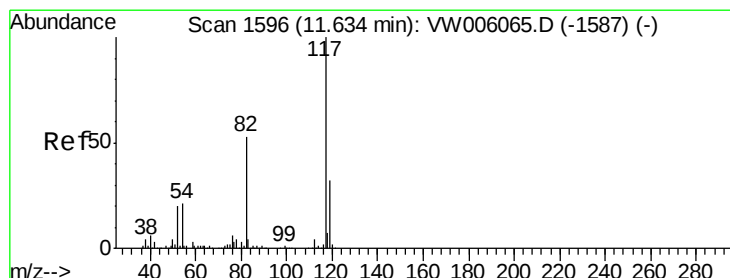
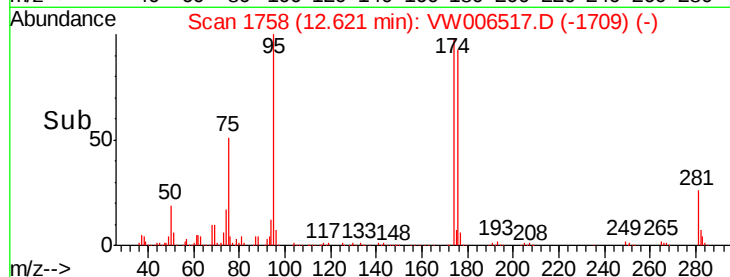
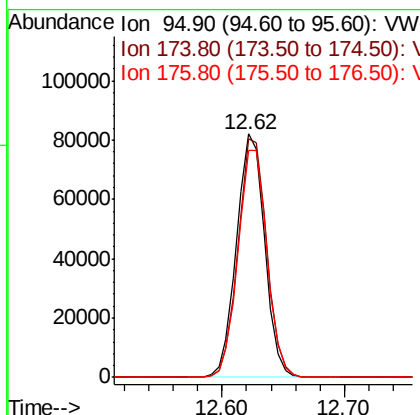
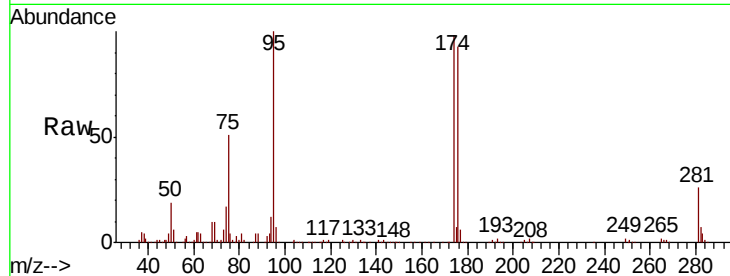




#62
4-Bromofluorobenzene
Concen: 49.247 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

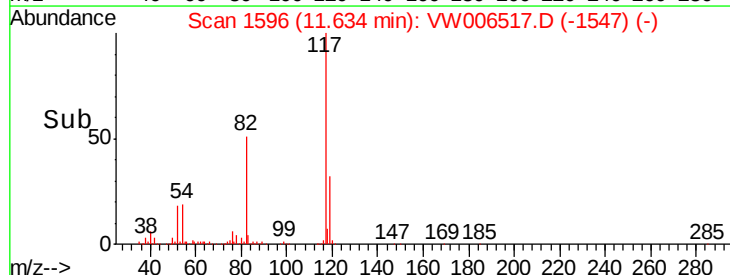
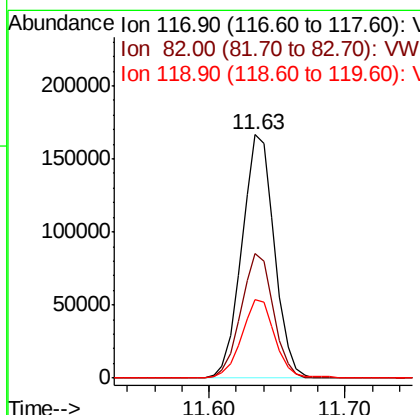
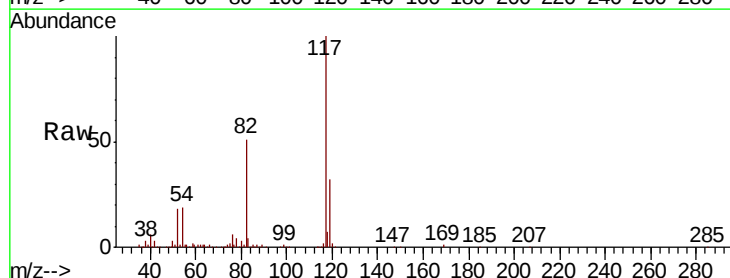
Instrument :
MSVOA_W
ClientSampleId :
DL-04A

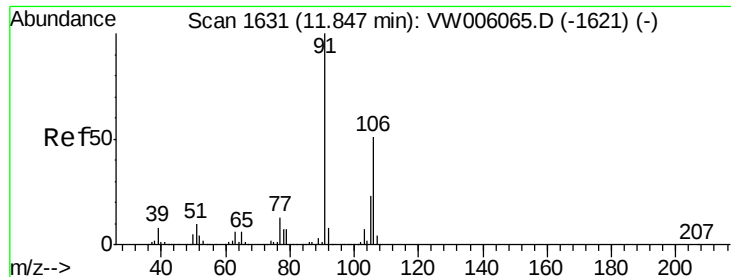
Tot Ion: 95 Resp: 130030
Ion Ratio Lower Upper
95 100
174 99.8 0.0 186.0
176 96.5 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Tgt Ion: 117 Resp: 277558
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.9 25.8 38.6

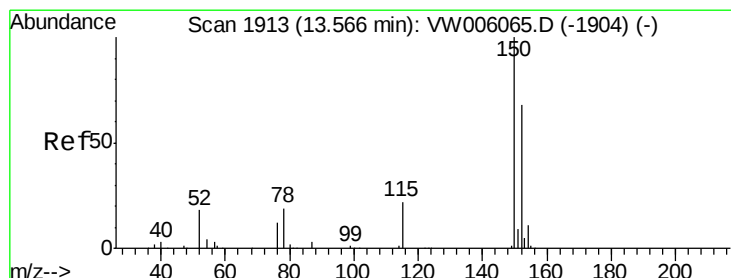
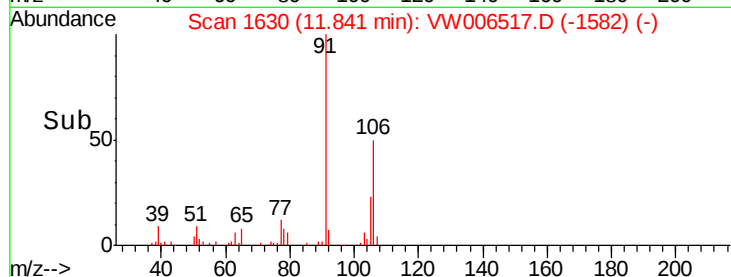
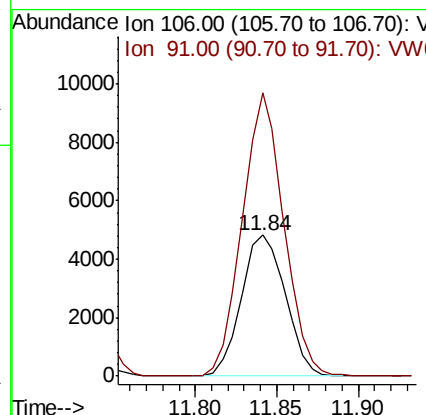
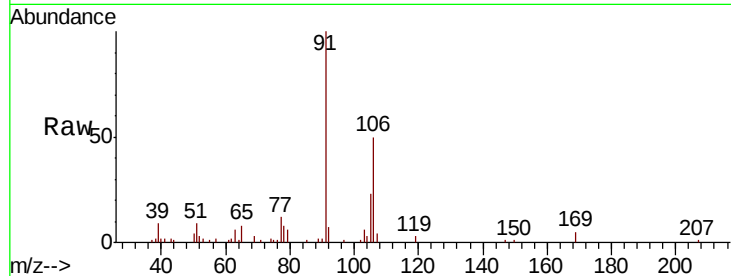




#68
m/p-Xvlenes
Concen: 2.225 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Instrument :
MSVOA_W
ClientSampled :
DL-04A

Tot Ion:106 Resp: 9056
Ion Ratio Lower Upper
106 100
91 189.5 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Tgt Ion:152 Resp: 135694
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.3
150 156.5 0.0 349.2

