

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006052.D
 Acq On : 12 Oct 2018 17:46
 Operator : VA/AP
 Sample : J5198-13
 Misc : 7.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

Quant Time: Oct 13 02:08:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

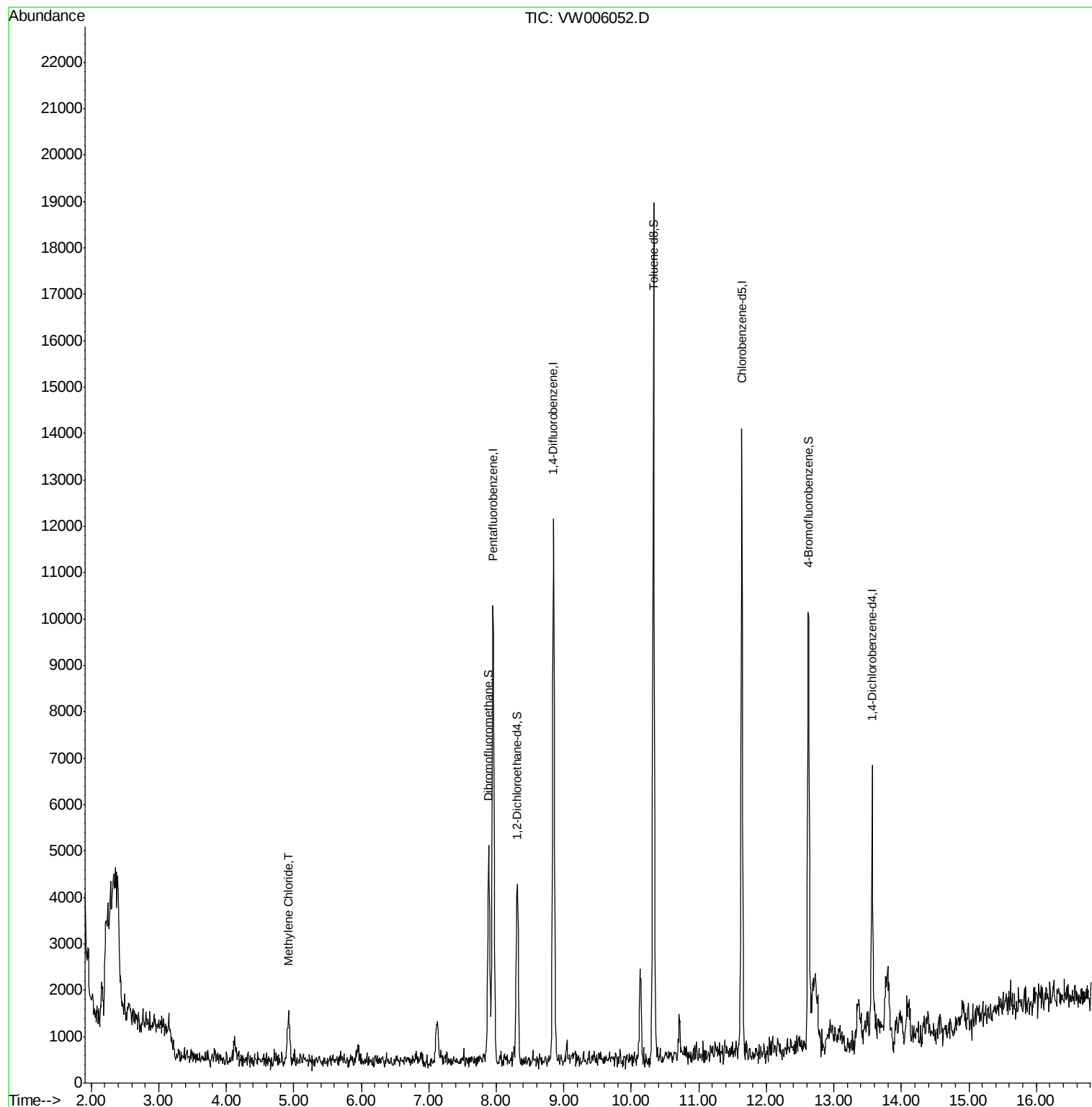
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	10502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3105	39.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.56%	
35) Dibromofluoromethane	7.89	113	3122	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	10.33	98	12344	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.62	95	3085	31.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.86%	
Target Compounds						
20) Methylene Chloride	4.93	84	764	9.78	ug/l	Qvalue 90

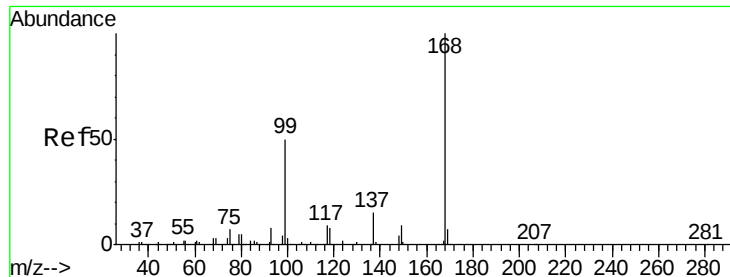
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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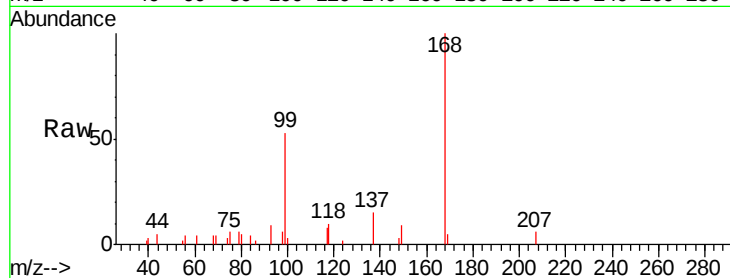
CL-02-101218-B

Tgt Ion: 168 Resp: 8040

Ion Ratio Lower Upper

168 100

99 53.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

3000

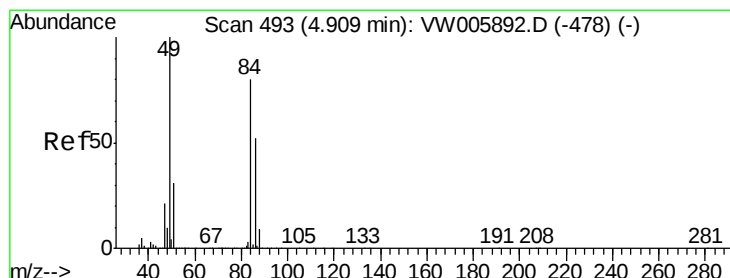
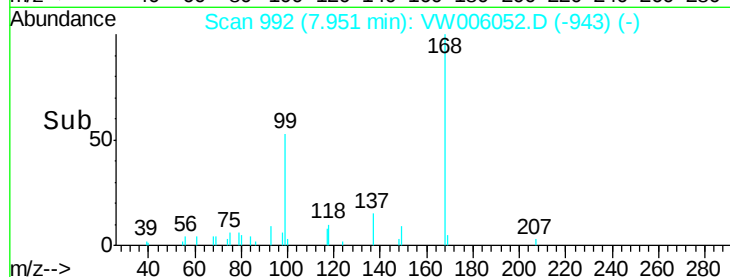
2000

1000

0

7.90 7.95 8.00

Time-->



#20

Methylene Chloride

Concen: 9.78 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Tgt Ion: 84 Resp: 764

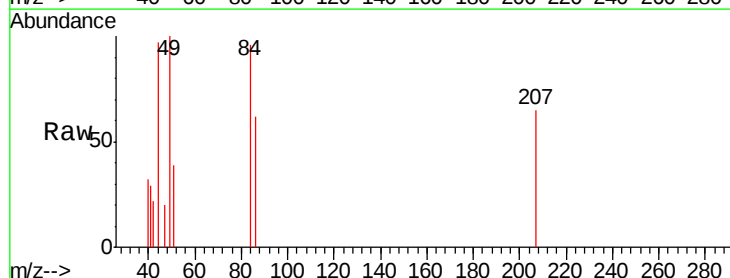
Ion Ratio Lower Upper

84 100

49 104.5 99.9 149.9

51 40.4 31.1 46.7

86 64.8 51.8 77.6



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

400

300

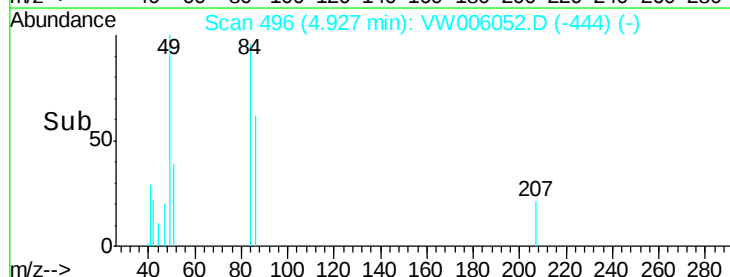
200

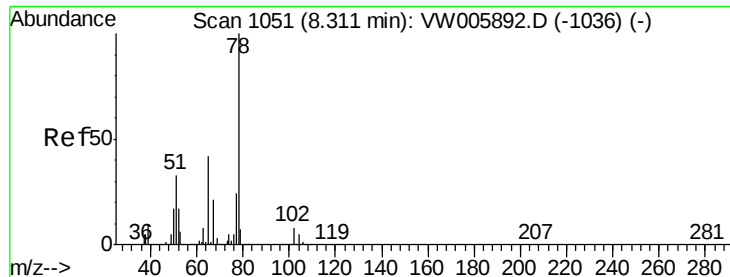
100

0

4.85 4.90 4.95 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.78 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

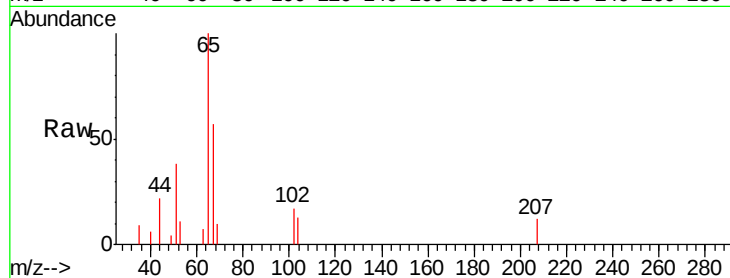
CL-02-101218-B

Tgt Ion: 65 Resp: 3105

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

1500

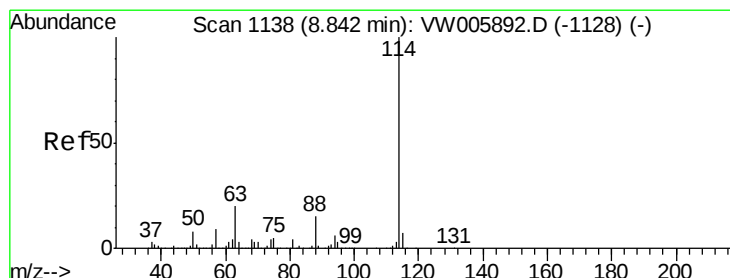
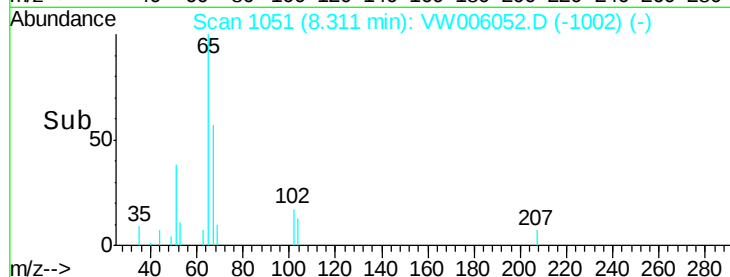
1000

500

0

8.25 8.30 8.35

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

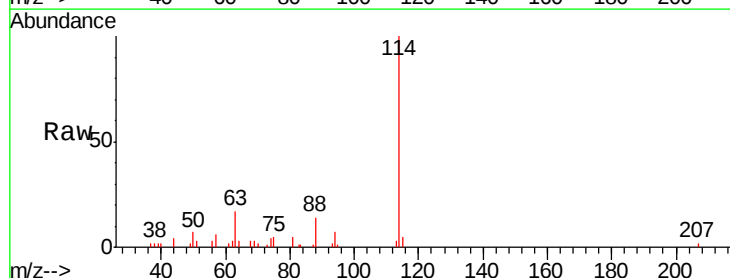
Tgt Ion: 114 Resp: 10502

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.2

88 13.9 0.0 30.8



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

8.85

6000

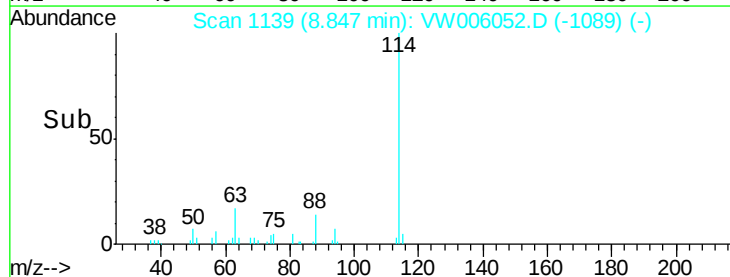
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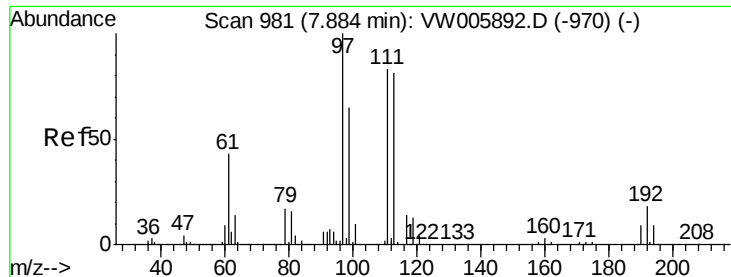
2000

0

8.75 8.80 8.85 8.90

Time-->

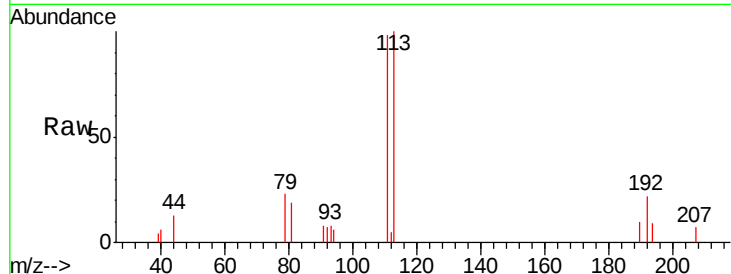




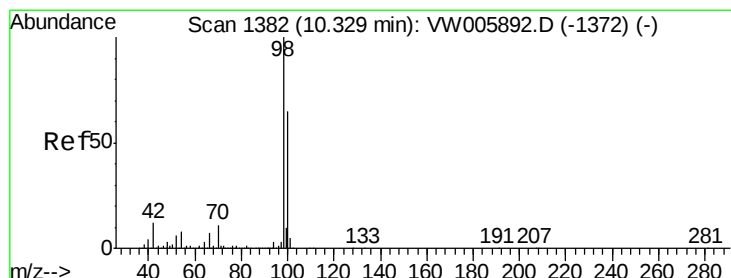
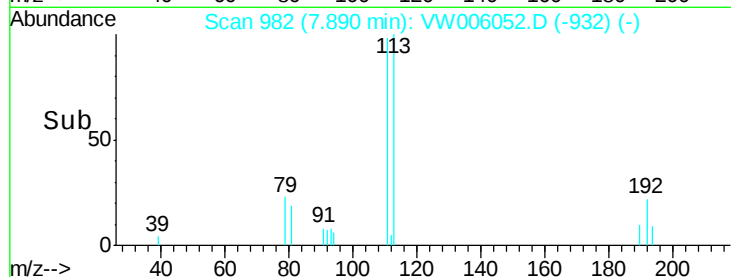
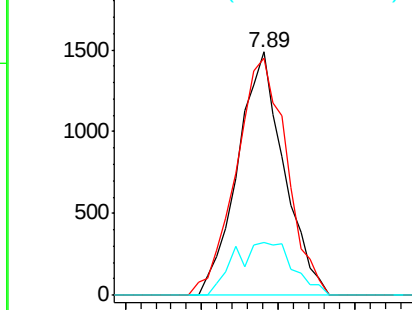
#35
 Dibromofluoromethane
 Concen: 46.56 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-B

Tgt Ion:113 Resp: 3122
 Ion Ratio Lower Upper
 113 100
 111 106.8 82.0 123.0
 192 27.6 18.3 27.5#

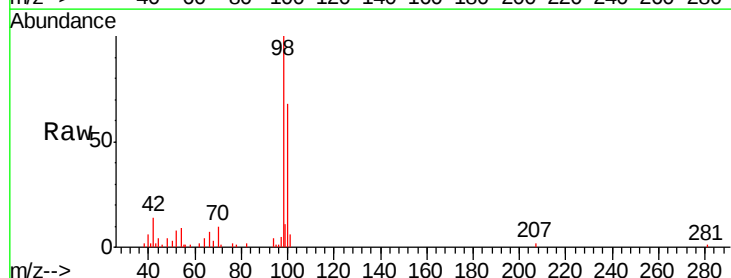


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

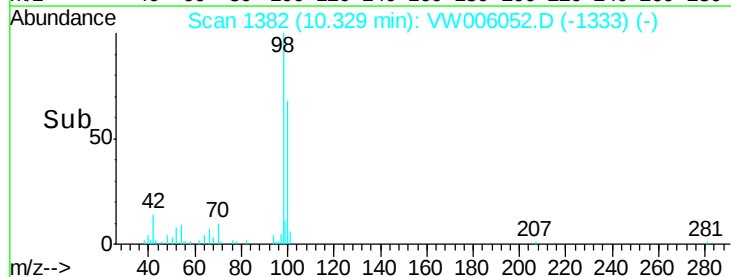
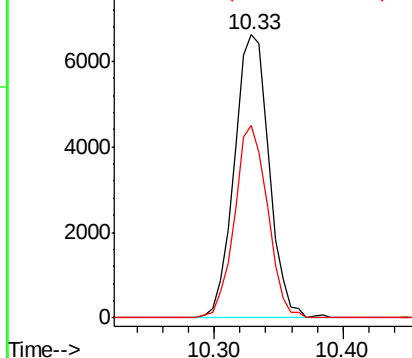


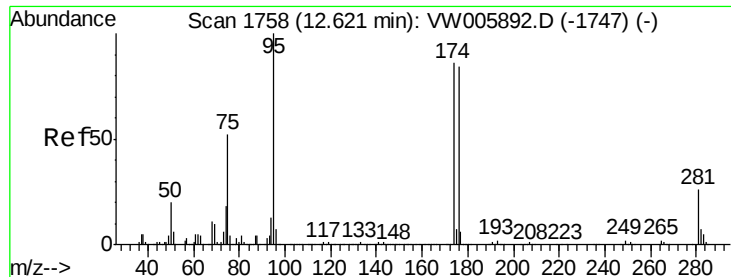
#50
 Toluene-d8
 Concen: 47.85 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006052.D
 Acq: 12 Oct 2018 17:46

Tgt Ion: 98 Resp: 12344
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

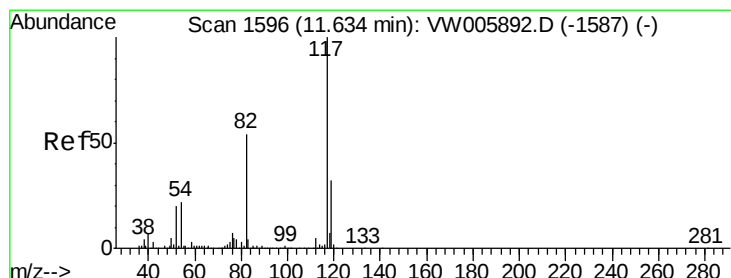
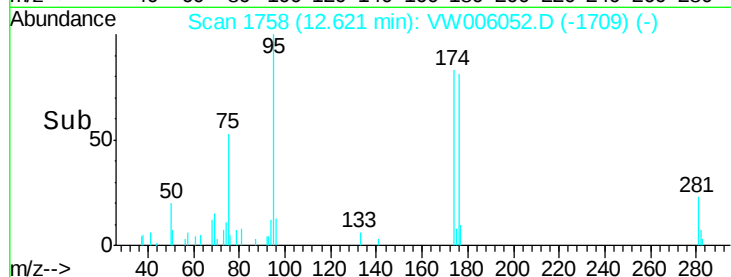
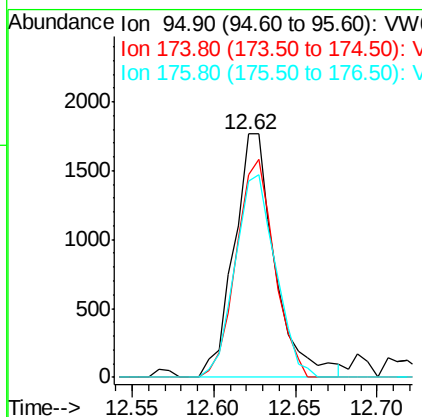
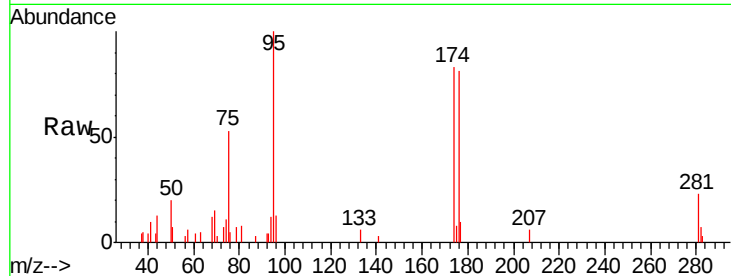




#62
4-Bromofluorobenzene
Concen: 31.43 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

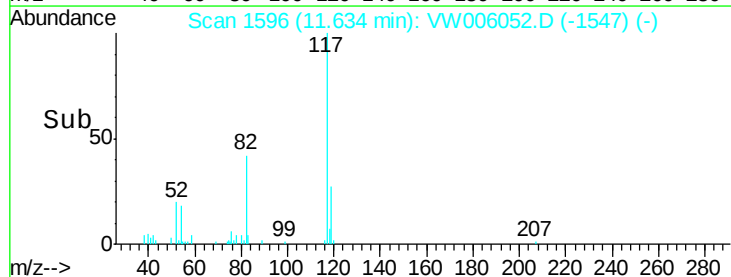
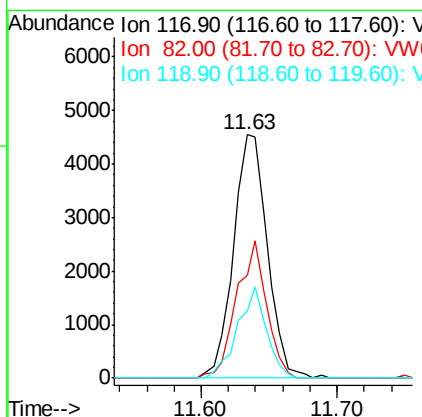
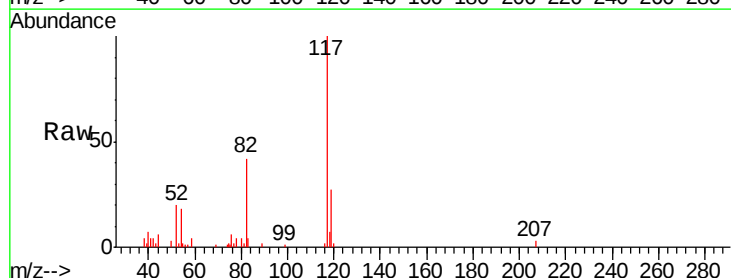
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-B

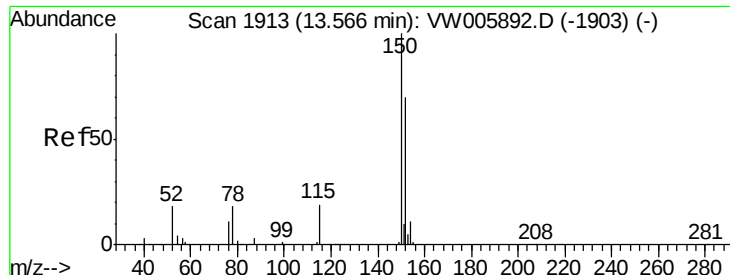
Tgt Ion: 95 Resp: 3085
Ion Ratio Lower Upper
95 100
174 83.5 0.0 176.4
176 82.3 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006052.D
Acq: 12 Oct 2018 17:46

Tgt Ion: 117 Resp: 7872
Ion Ratio Lower Upper
117 100
82 42.0 43.5 65.3#
119 27.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006052.D

Acq: 12 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-B

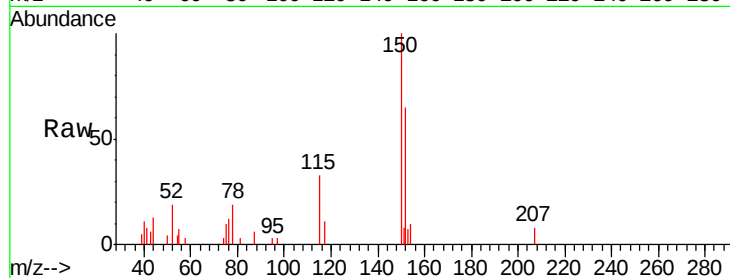
Tgt Ion:152 Resp: 1806

Ion Ratio Lower Upper

152 100

115 53.8 28.3 85.0

150 146.5 0.0 349.2



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

