

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005902.D
 Acq On : 08 Oct 2018 18:09
 Operator : SY/AP
 Sample : J5294-01
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-SUB

Quant Time: Oct 09 07:26:31 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

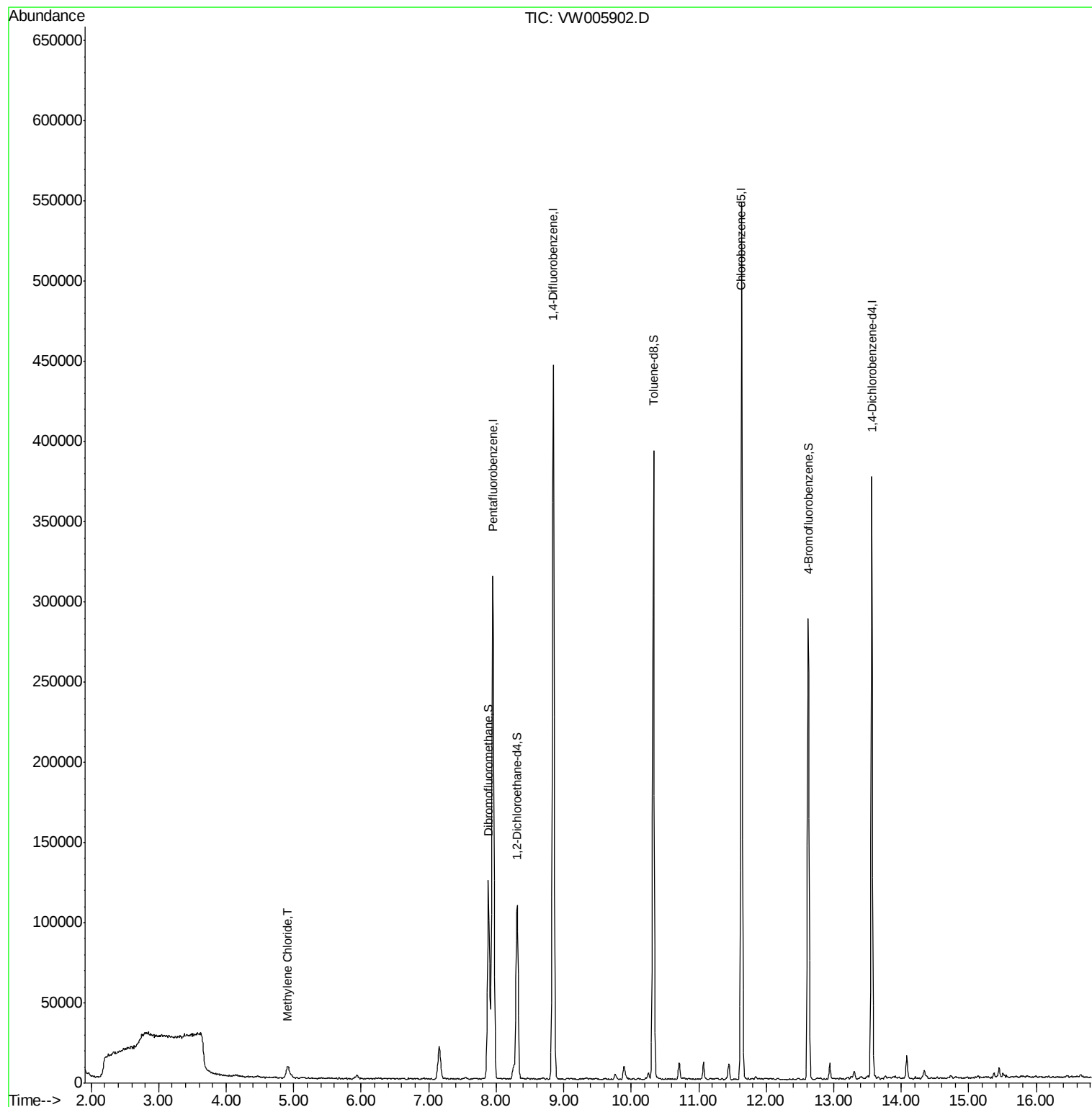
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85660	34.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.74%	
35) Dibromofluoromethane	7.88	113	86339	34.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.54%	
50) Toluene-d8	10.33	98	266997	27.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.90%	
62) 4-Bromofluorobenzene	12.62	95	79629	21.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.82%	
Target Compounds						
20) Methylene Chloride	4.91	84	6758	2.71	ug/l	Qvalue 98

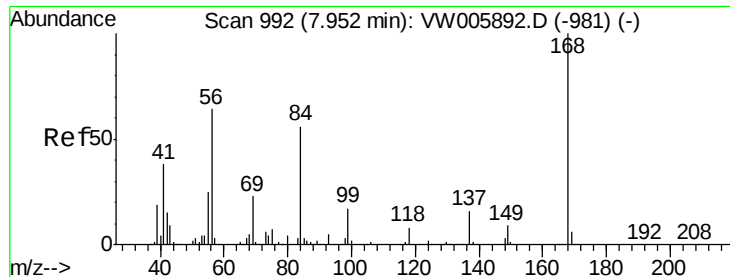
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005902.D

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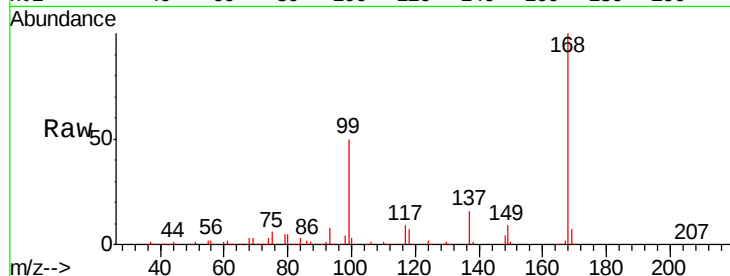
HP-SUB

Tgt Ion:168 Resp: 256736

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

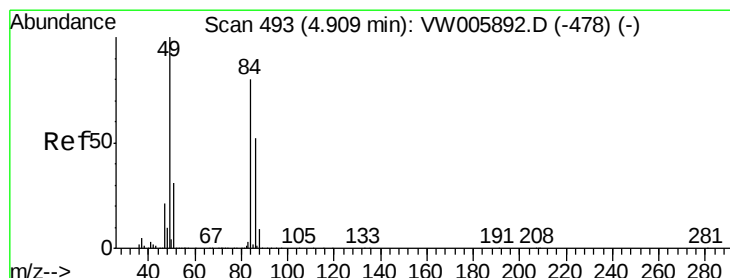
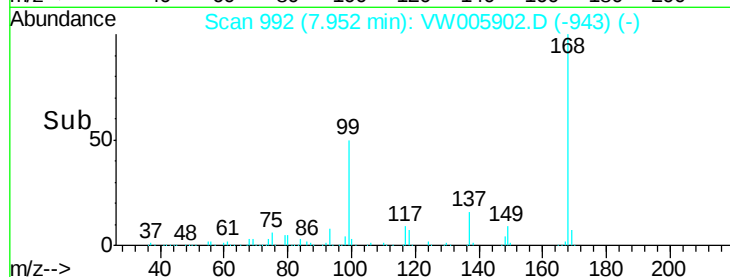
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.71 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Tgt Ion: 84 Resp: 6758

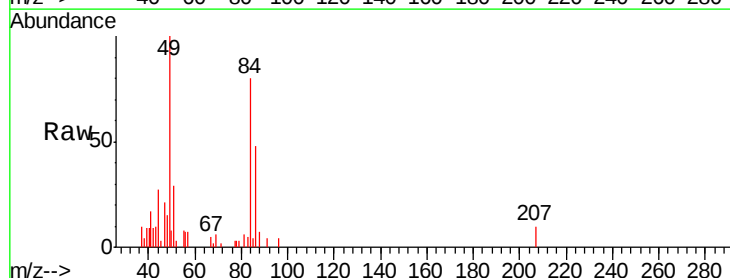
Ion Ratio Lower Upper

84 100

49 125.0 99.9 149.9

51 36.8 31.1 46.7

86 60.5 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

4.91

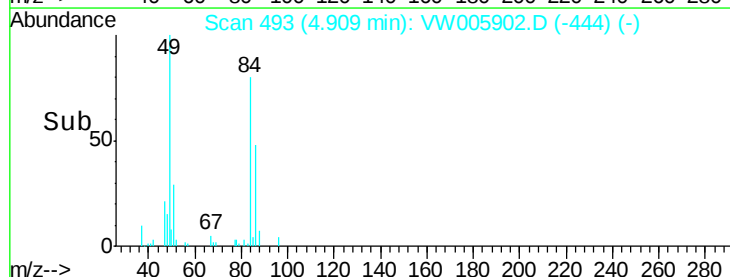
3000

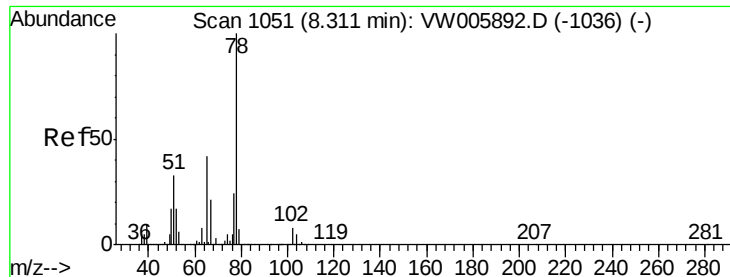
2000

1000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 34.37 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

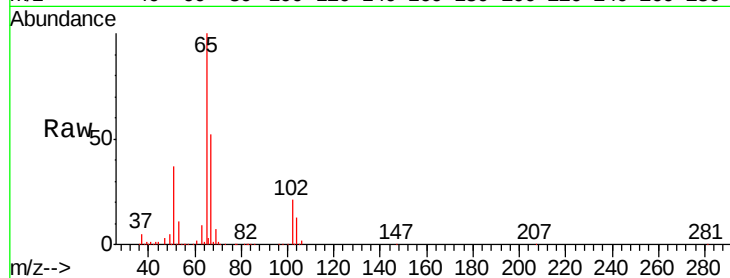
HP-SUB

Tgt Ion: 65 Resp: 85660

Ion Ratio Lower Upper

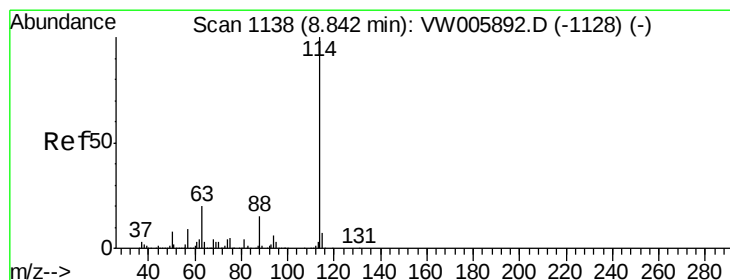
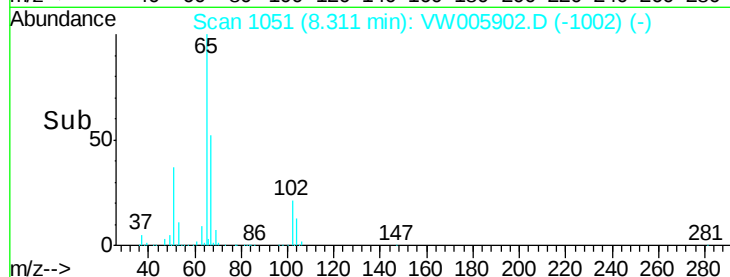
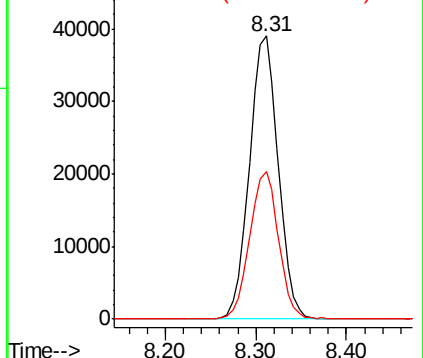
65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

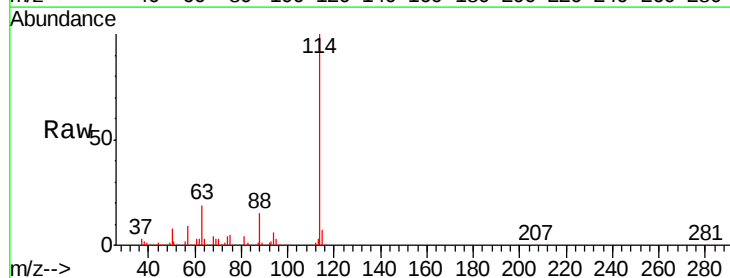
Tgt Ion: 114 Resp: 388947

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

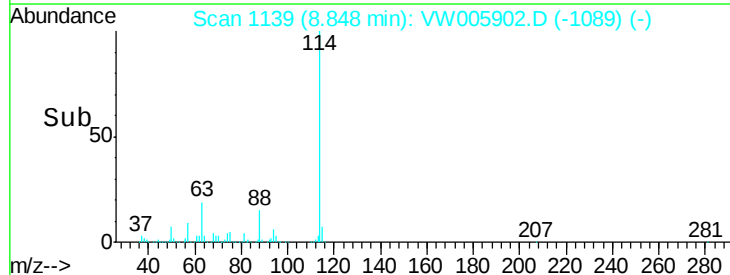
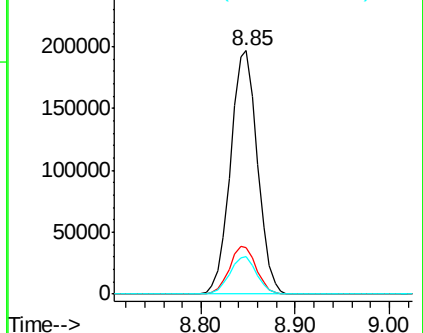
88 15.4 0.0 30.8

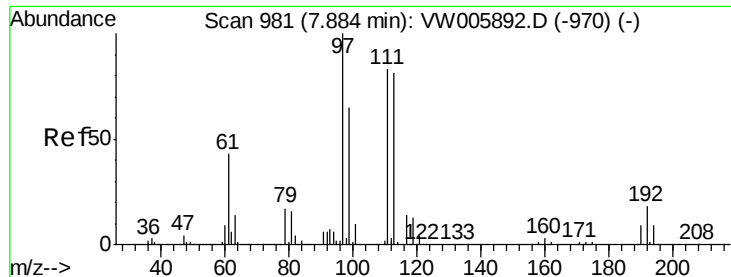


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

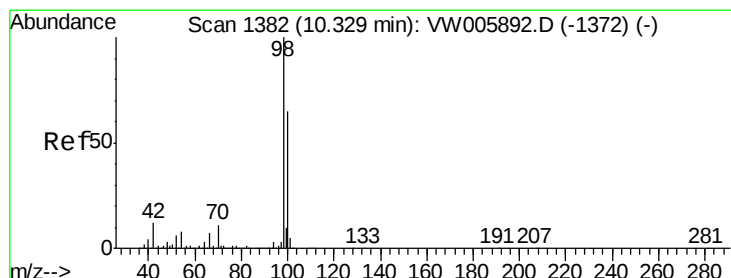
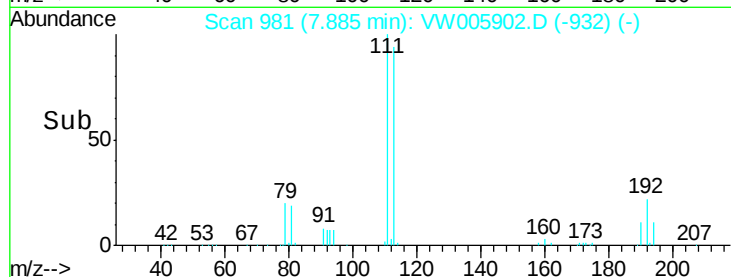
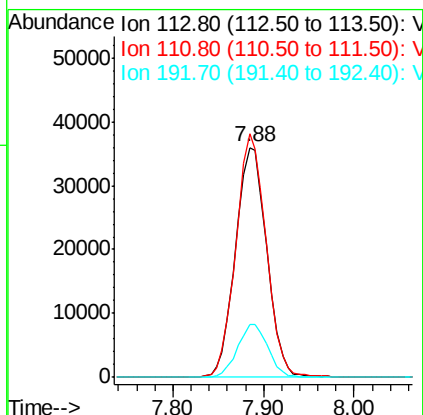
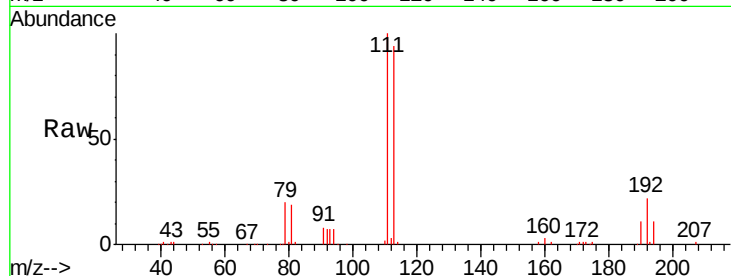




#35
 Dibromofluoromethane
 Concen: 34.77 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

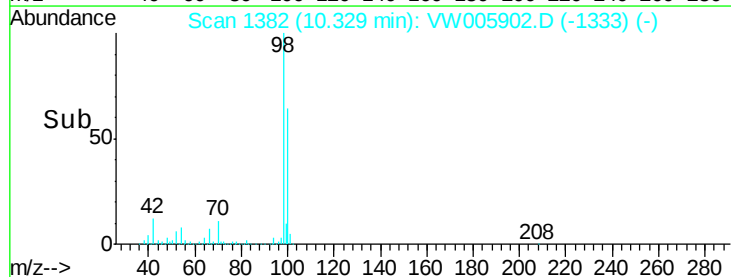
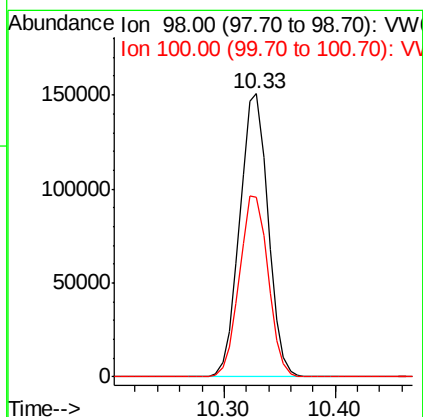
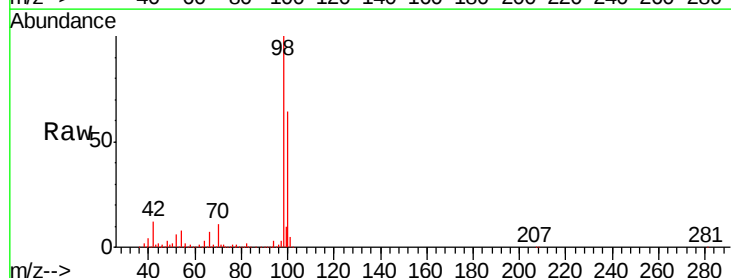
Instrument :
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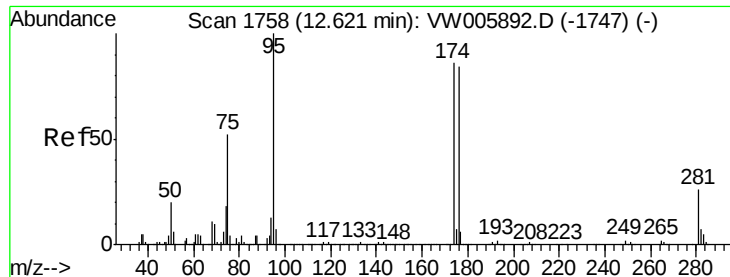
Tgt Ion:113 Resp: 86339
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 22.4 18.3 27.5



#50
 Toluene-d8
 Concen: 27.95 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

Tgt Ion: 98 Resp: 266997
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9

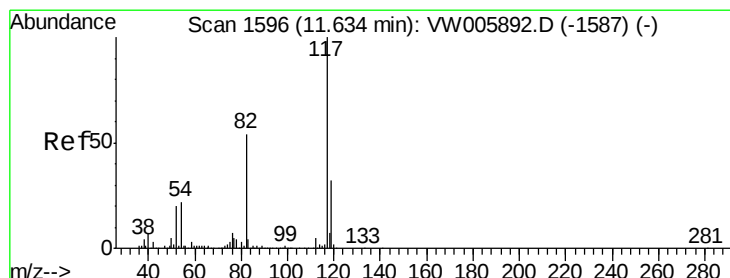
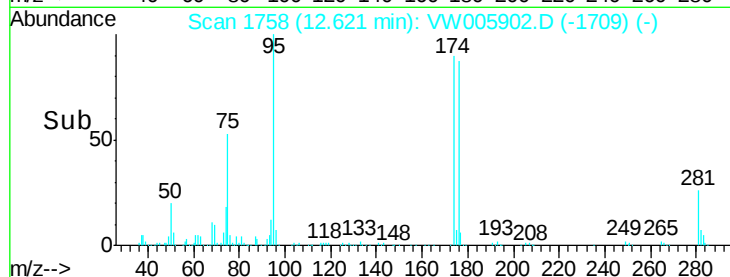
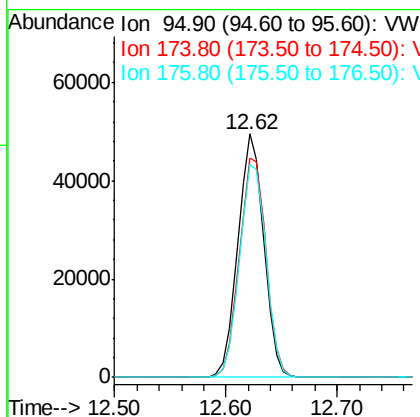
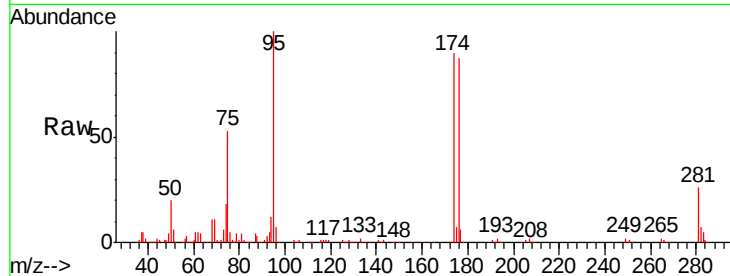




#62
4-Bromofluorobenzene
Concen: 21.91 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

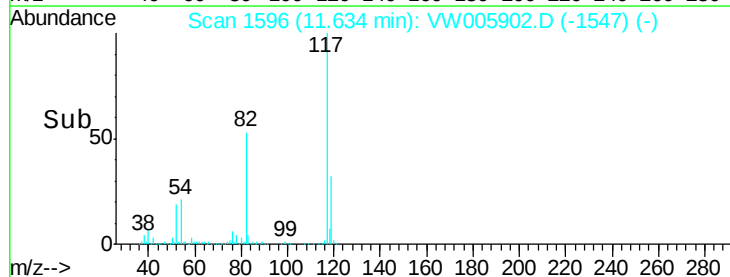
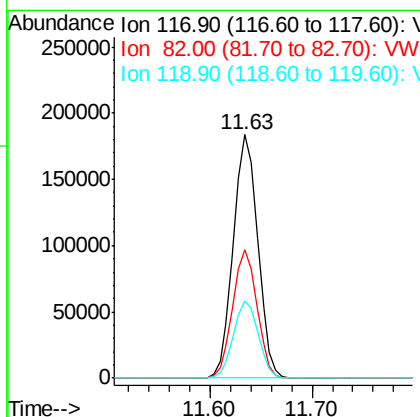
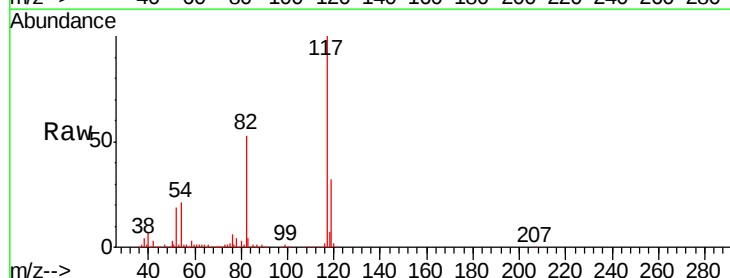
Instrument :
MSVOA_W
ClientSampleId :
HP-SUB

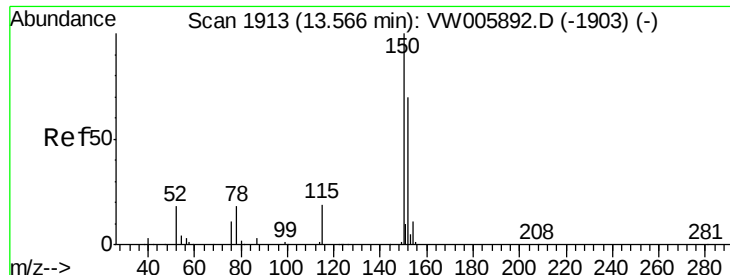
Tgt Ion: 95 Resp: 79629
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.4
176 90.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

Tgt Ion: 117 Resp: 303910
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

HP-SUB

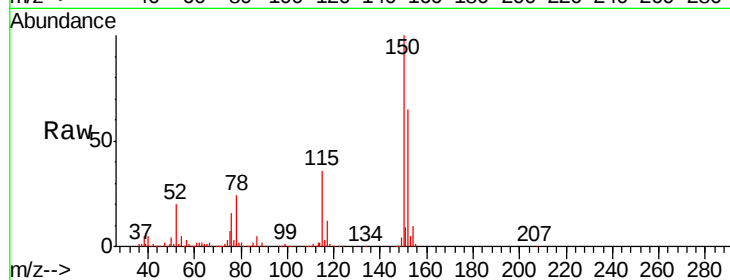
Tgt Ion:152 Resp: 102591

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

150 155.7 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

