

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005977.D
 Acq On : 10 Oct 2018 10:26
 Operator : SY/AP
 Sample : J5294-01
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-SUB

Quant Time: Oct 10 11:26:32 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

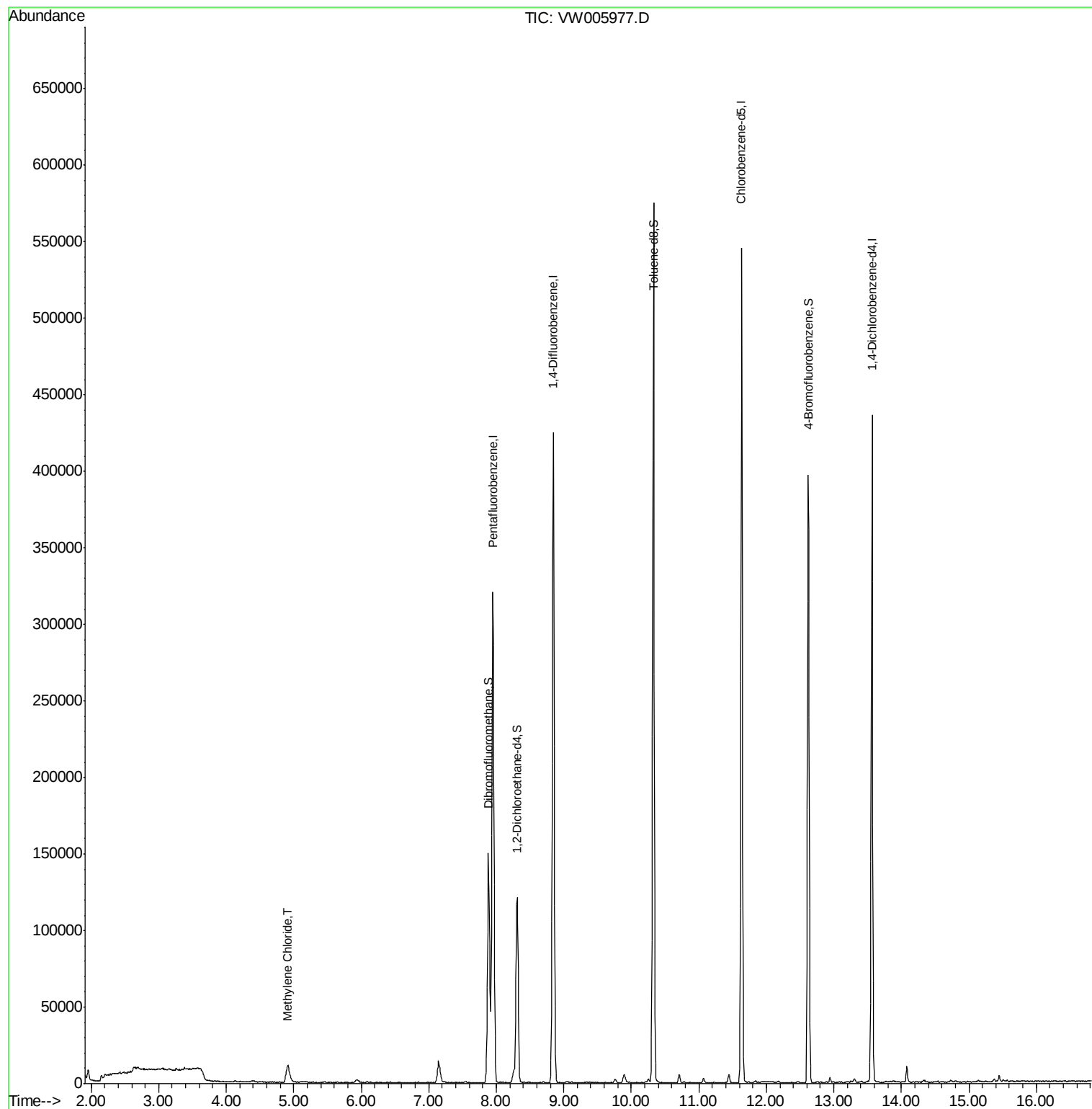
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	121102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94891	38.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.78%	
35) Dibromofluoromethane	7.88	113	105004	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
50) Toluene-d8	10.33	98	393690	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
62) 4-Bromofluorobenzene	12.62	95	117354	33.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.74%	
Target Compounds						
20) Methylene Chloride	4.92	84	10577	4.275	ug/l #	Qvalue 86

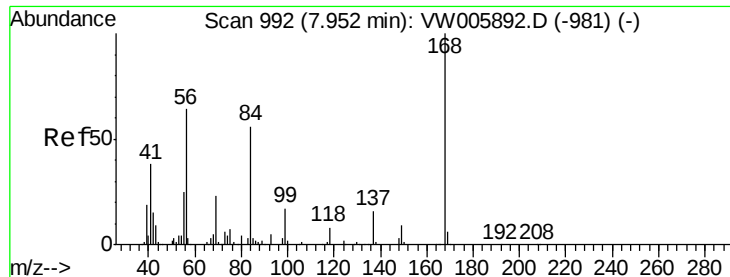
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005977.D

Acq: 10 Oct 2018 10:26

Instrument :

MSVOA_W

ClientSampled :

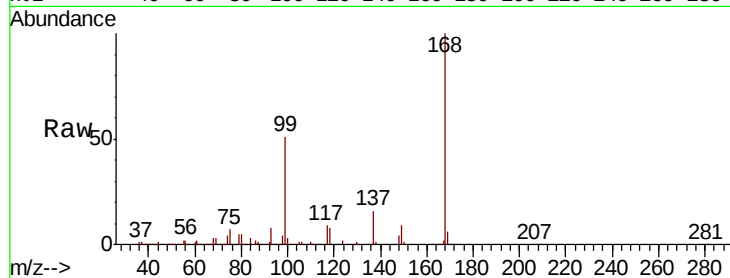
HP-SUB

Tot Ion:168 Resp: 254650

Ion Ratio Lower Upper

168 100

99 50.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

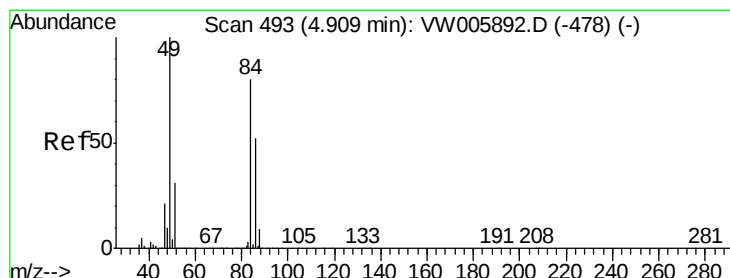
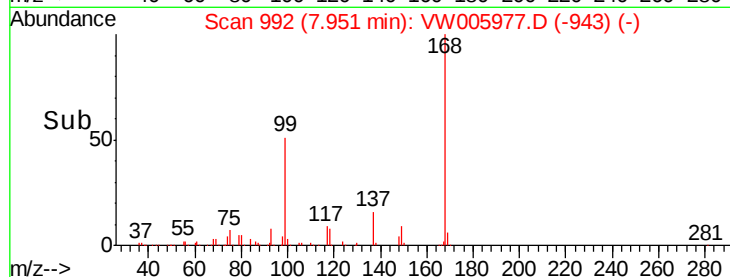
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.275 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005977.D

Acq: 10 Oct 2018 10:26

Tgt Ion: 84 Resp: 10577

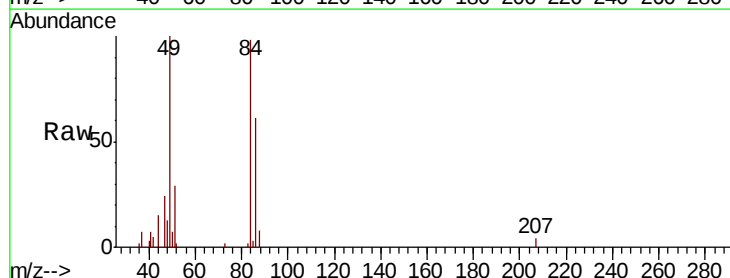
Ion Ratio Lower Upper

84 100

49 102.1 99.9 149.9

51 29.4 31.1 46.7#

86 62.2 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

4.92

5000

4000

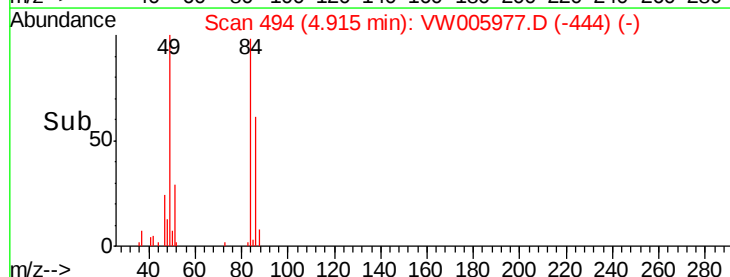
3000

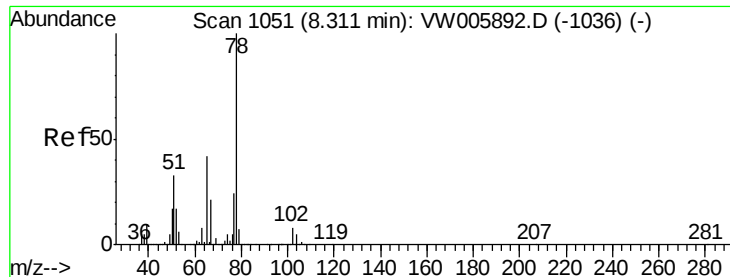
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.385 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005977.D

Acq: 10 Oct 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

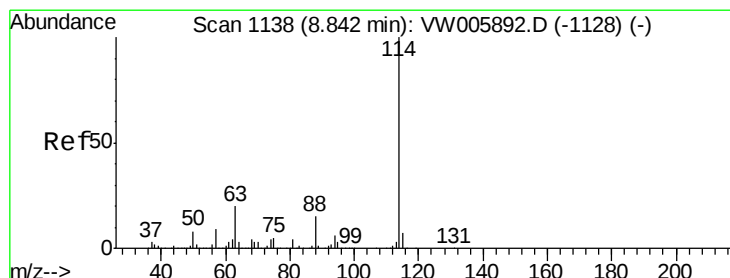
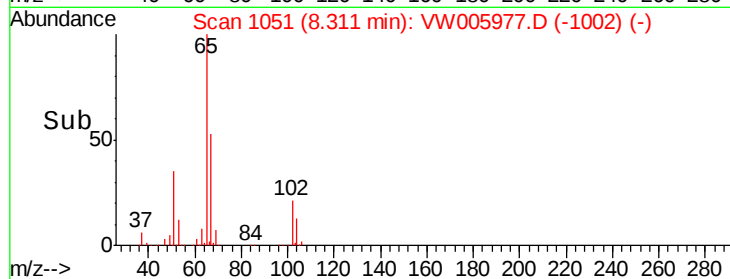
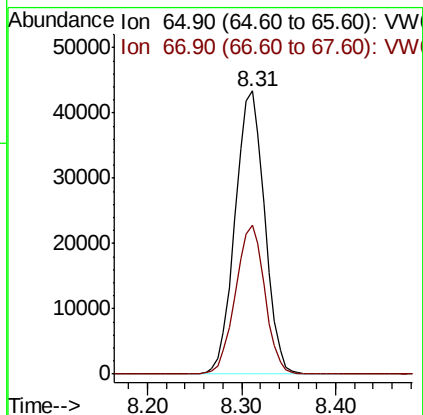
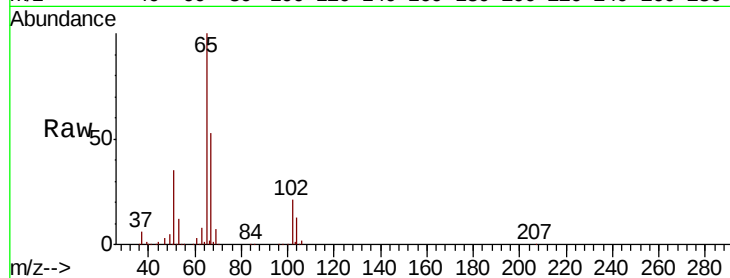
HP-SUB

Tot Ion: 65 Resp: 94891

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005977.D

Acq: 10 Oct 2018 10:26

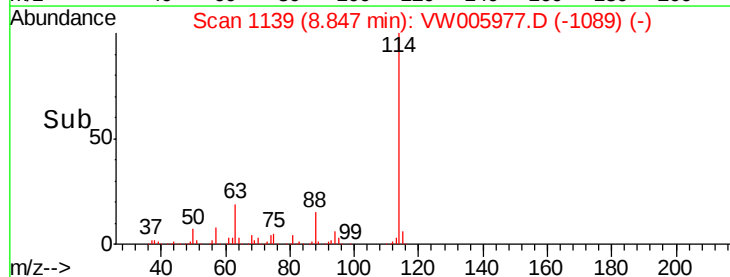
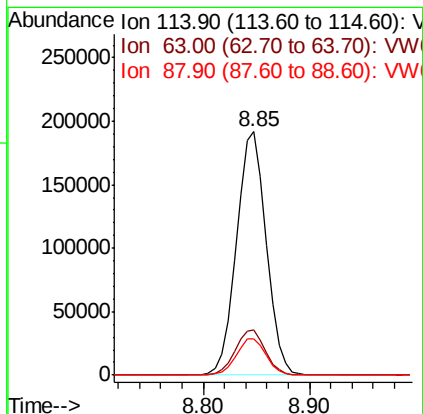
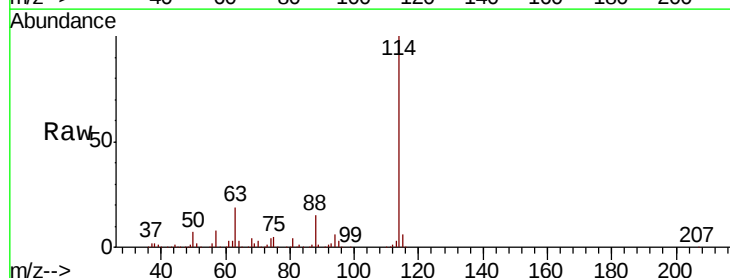
Tgt Ion: 114 Resp: 376241

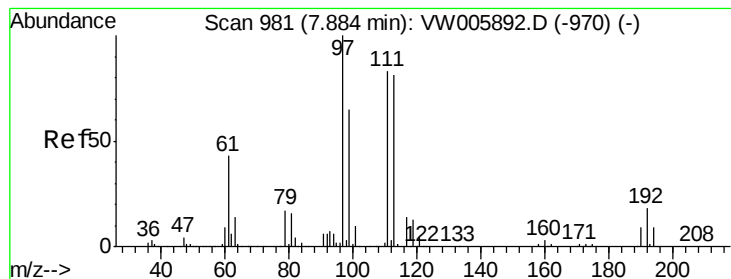
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 43.713 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005977.D

Acq: 10 Oct 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

HP-SUB

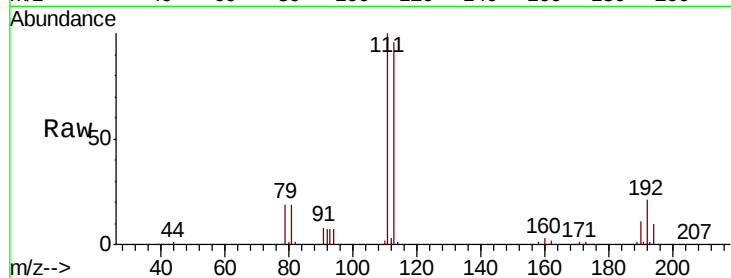
Tot Ion:113 Resp: 105004

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

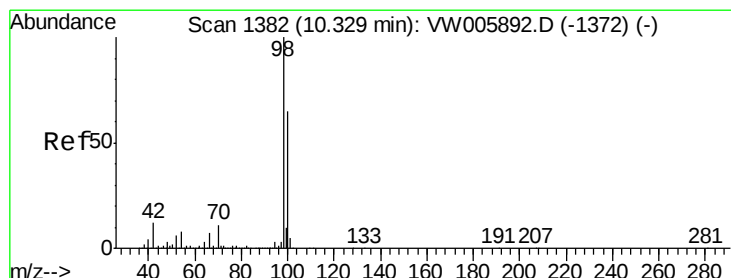
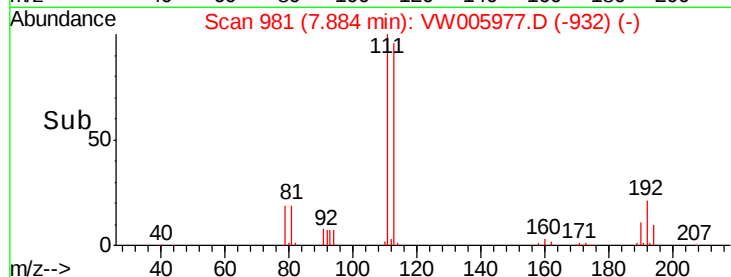
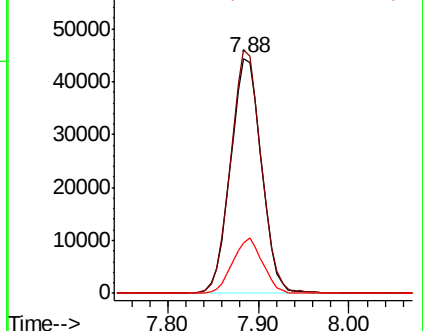
192 22.6 18.3 27.5



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: 42.598 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005977.D

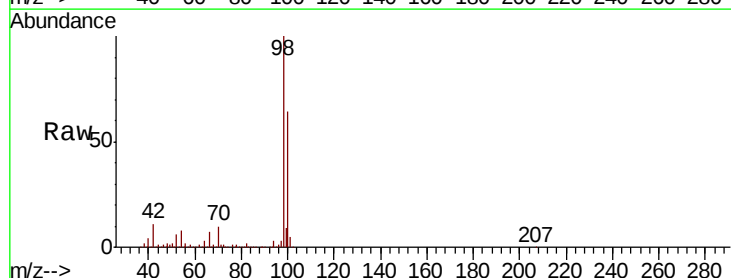
Acq: 10 Oct 2018 10:26

Tgt Ion: 98 Resp: 393690

Ion Ratio Lower Upper

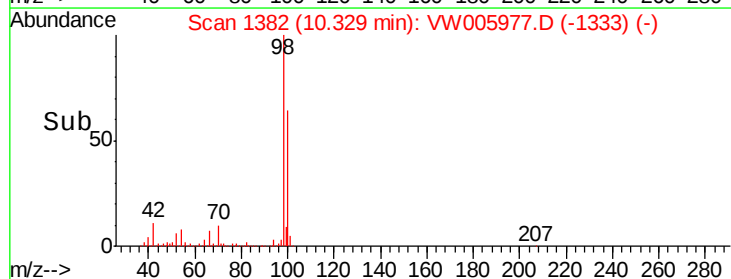
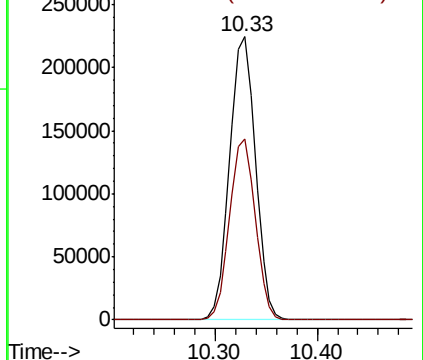
98 100

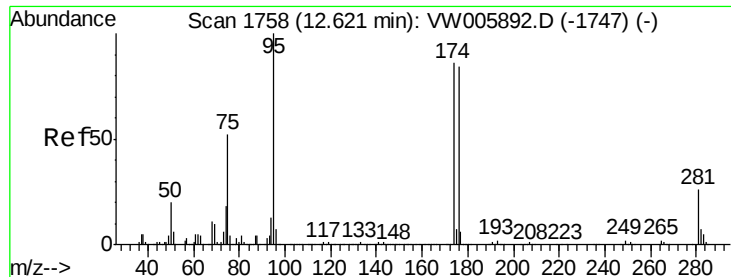
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

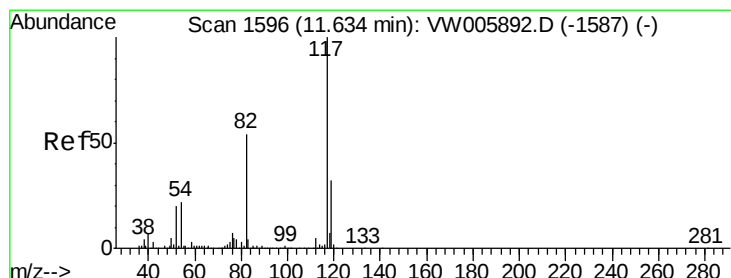
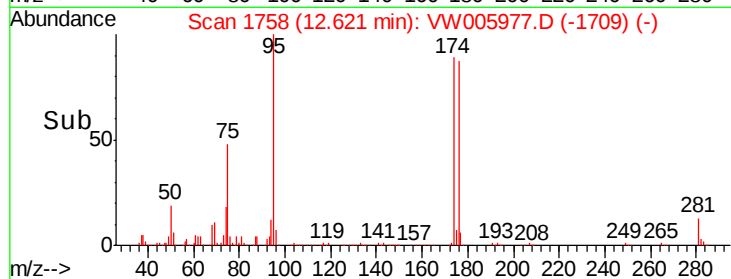
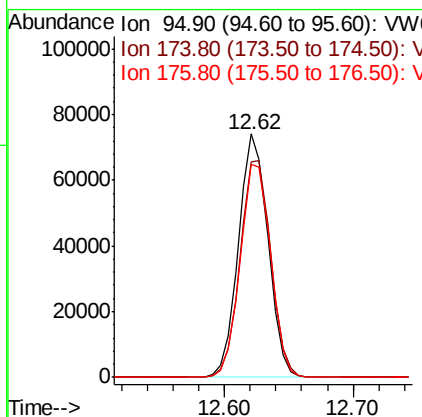
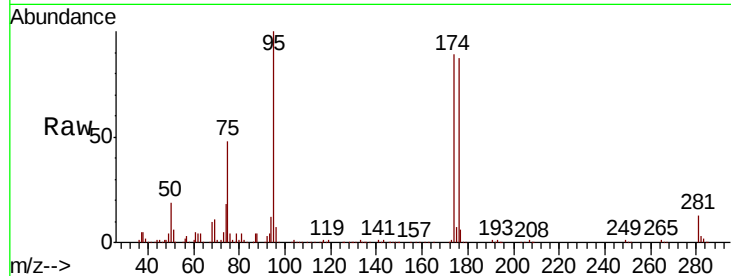




#62
4-Bromofluorobenzene
Concen: 33.375 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005977.D
Acq: 10 Oct 2018 10:26

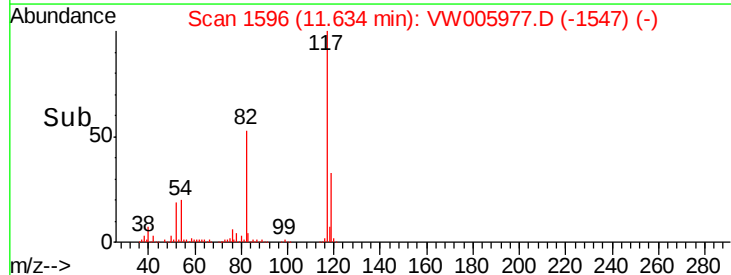
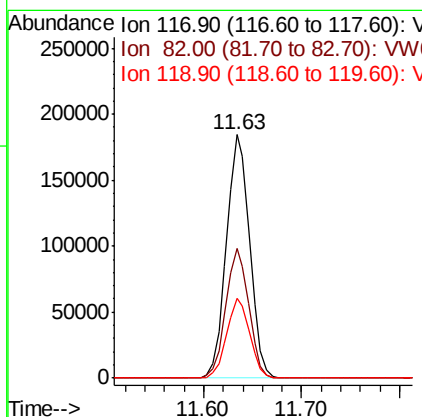
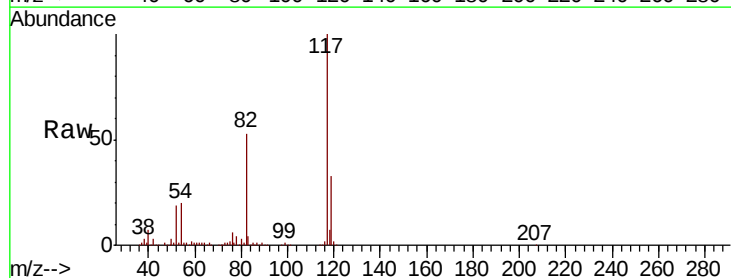
Instrument :
MSVOA_W
ClientSampleId :
HP-SUB

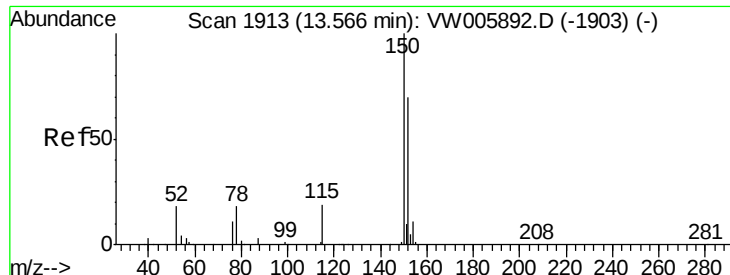
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	176.4
176	90.1	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005977.D
Acq: 10 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.5	65.3
119	32.7	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005977.D

Acq: 10 Oct 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

HP-SUB

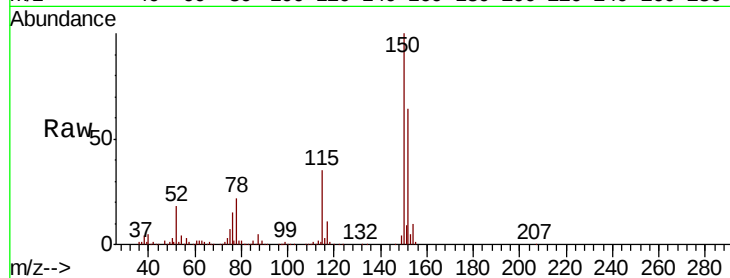
Tot Ion:152 Resp: 121102

Ion Ratio Lower Upper

152 100

115 54.8 28.3 85.0

150 156.3 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

