

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005995.D
 Acq On : 10 Oct 2018 18:12
 Operator : SY/AP
 Sample : J5306-10
 Misc : 6.76G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-34-V

Quant Time: Oct 11 05:24:47 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

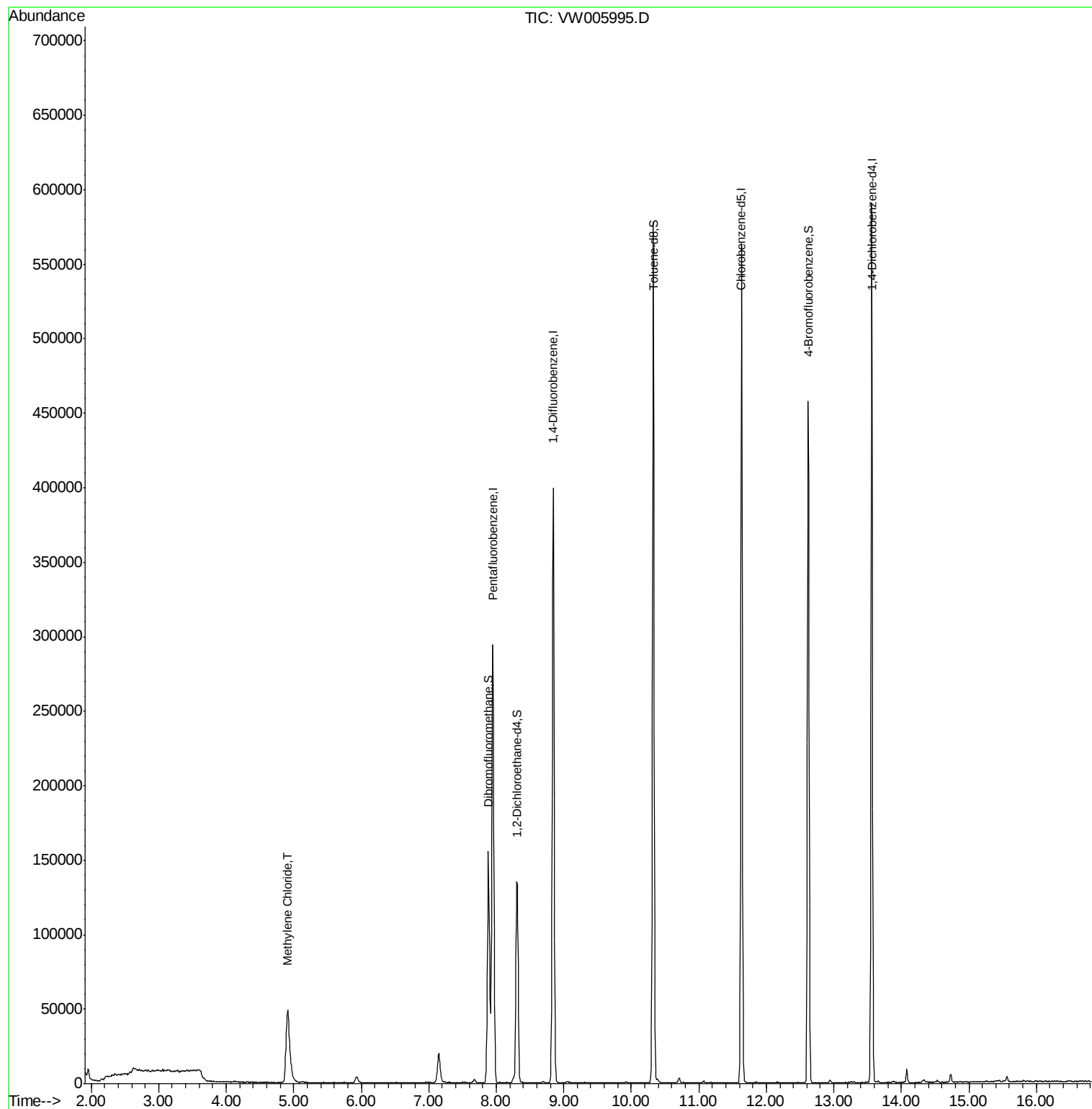
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108464	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	7.88	113	108648	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.32	98	393791	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	12.62	95	139484	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	48397	20.780	ug/l	Qvalue 95

(#) = 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: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

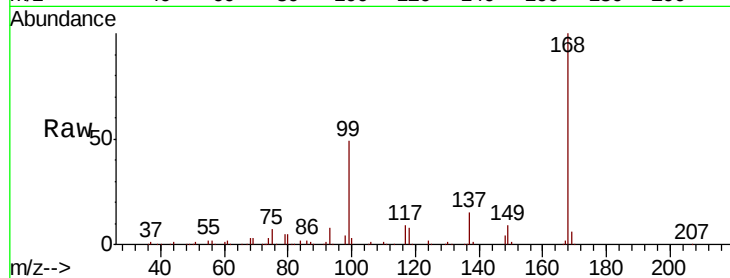
S-34-V

Tot Ion:168 Resp: 239730

Ion Ratio Lower Upper

168 100

99 49.3 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

120000

100000

80000

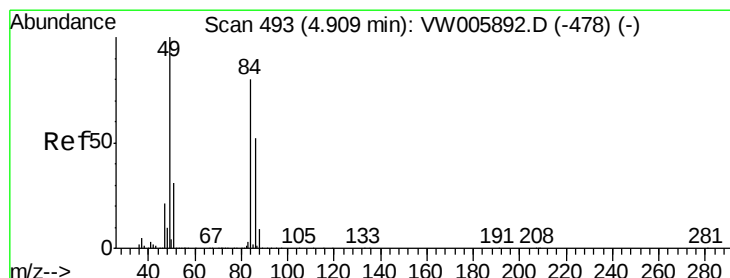
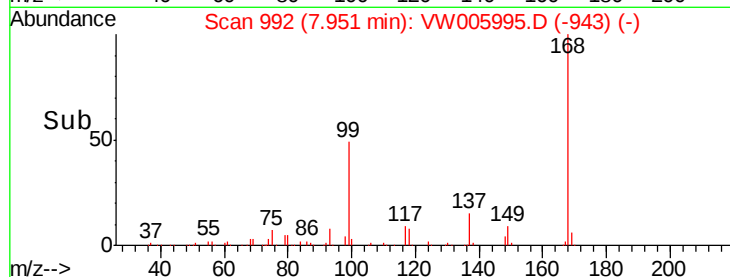
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 20.780 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Tgt Ion: 84 Resp: 48397

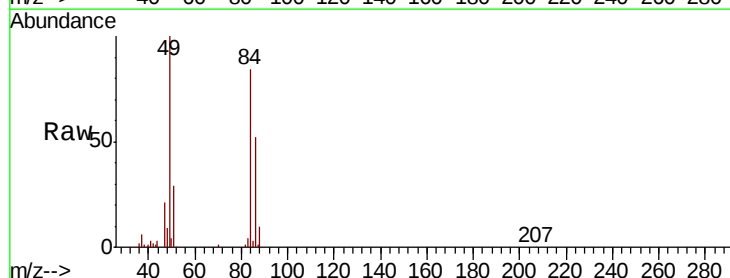
Ion Ratio Lower Upper

84 100

49 119.5 99.9 149.9

51 34.5 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

20000

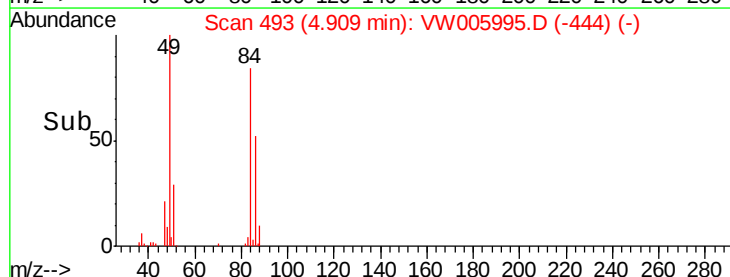
15000

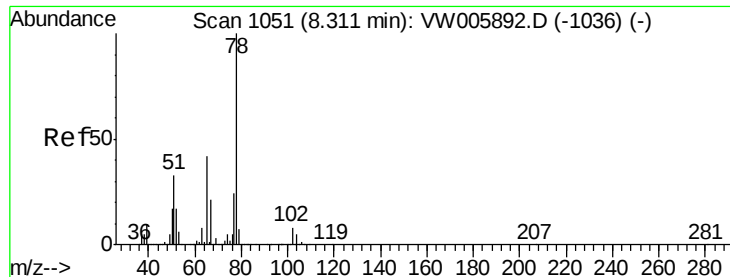
10000

5000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 46.606 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampled :

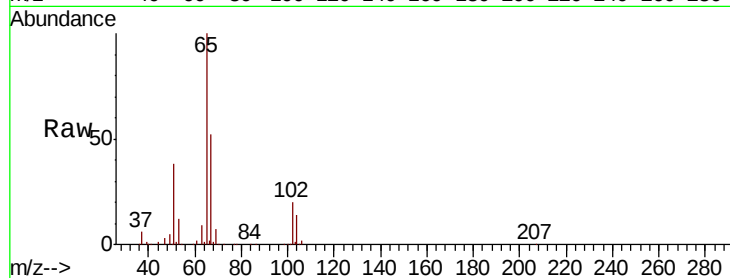
S-34-V

Tot Ion: 65 Resp: 108464

Ion Ratio Lower Upper

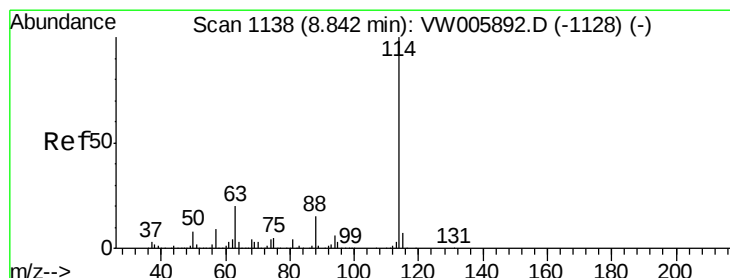
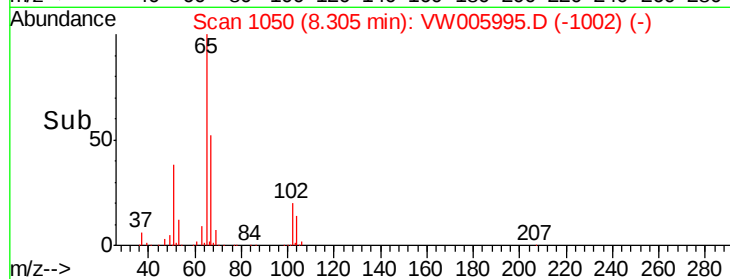
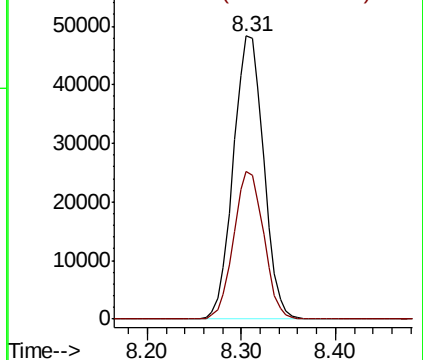
65 100

67 51.9 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: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

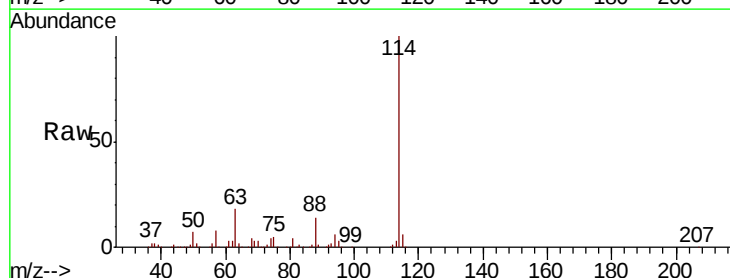
Tgt Ion: 114 Resp: 357922

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.2

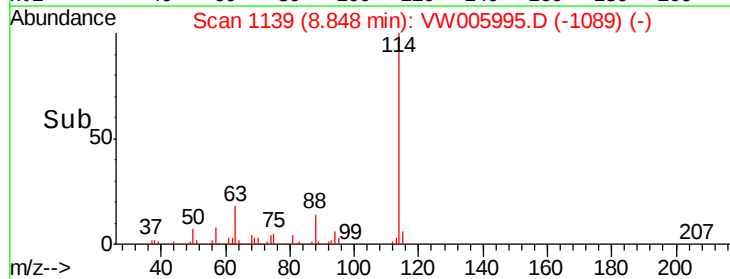
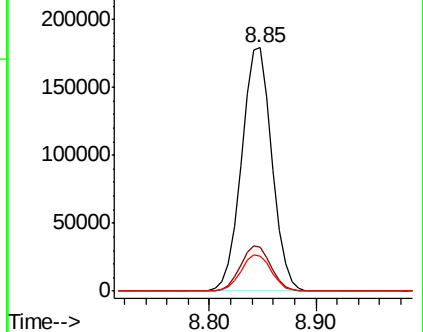
88 14.2 0.0 30.8

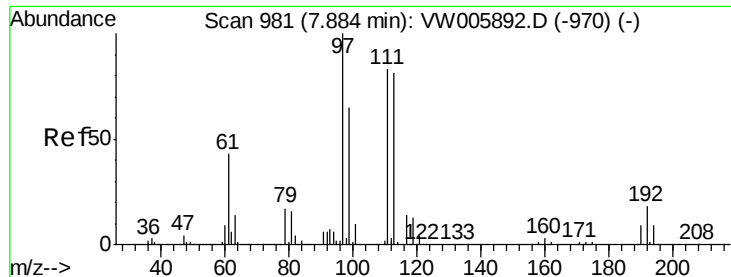


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

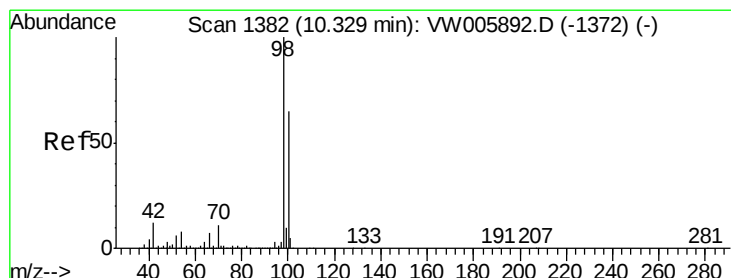
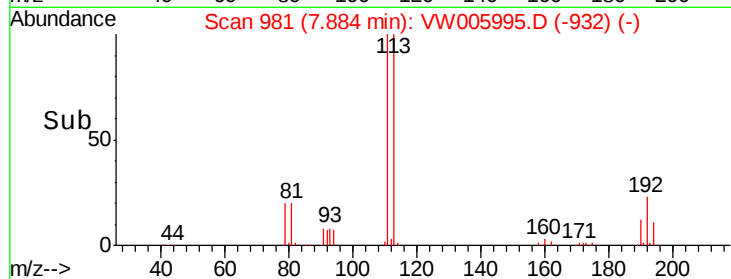
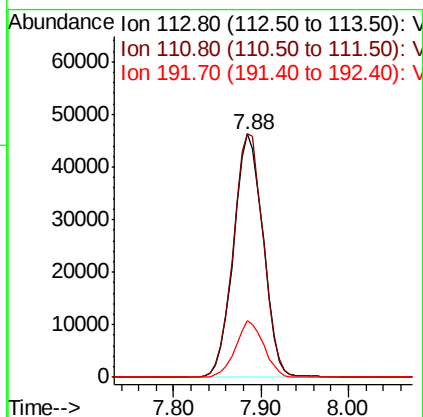
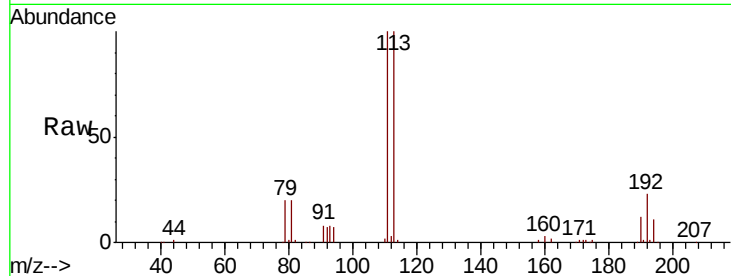




#35
 Dibromofluoromethane
 Concen: 47.545 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005995.D
 Acq: 10 Oct 2018 18:12

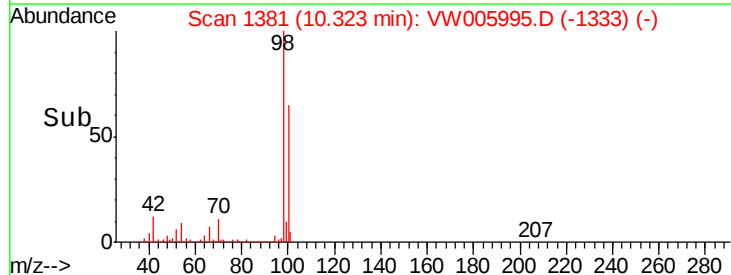
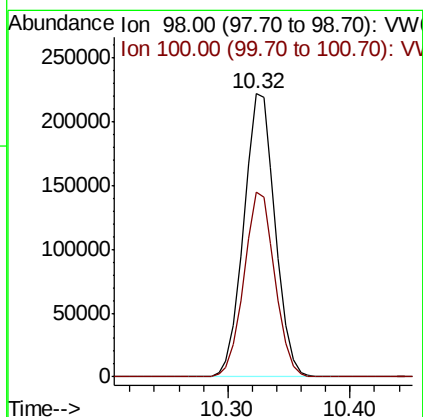
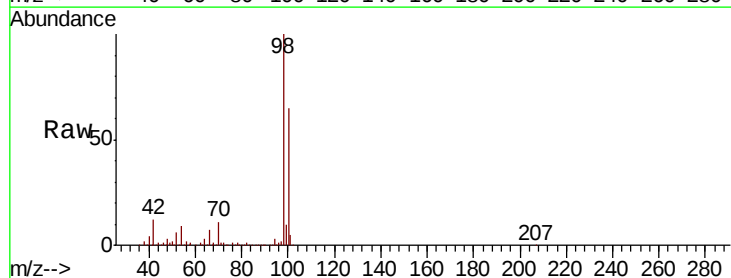
Instrument :
 MSVOA_W
 ClientSampled :
 S-34-V

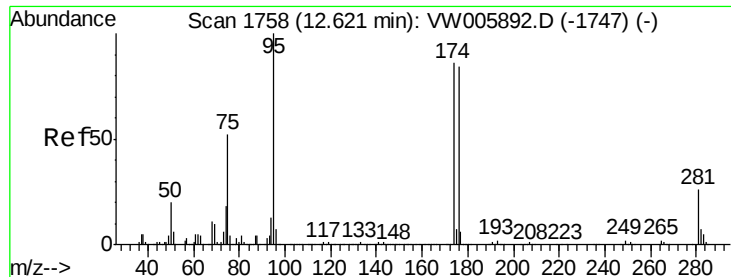
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.2	18.3	27.5



#50
 Toluene-d8
 Concen: 44.789 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW005995.D
 Acq: 10 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9

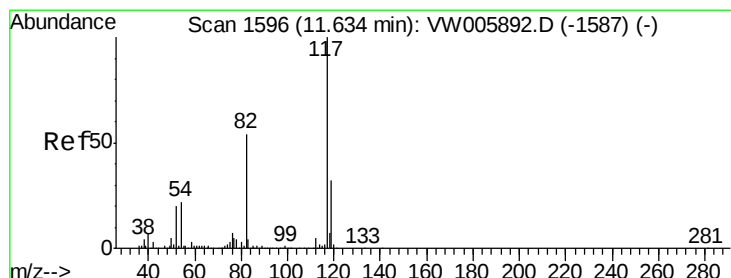
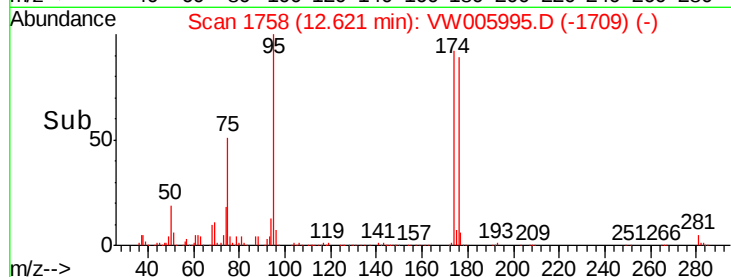
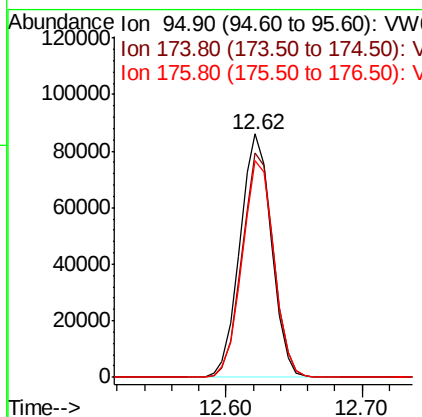
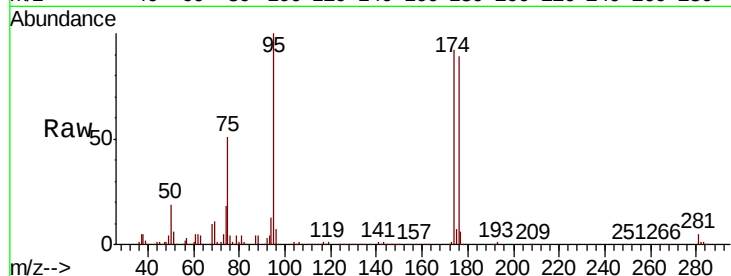




#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005995.D
Acq: 10 Oct 2018 18:12

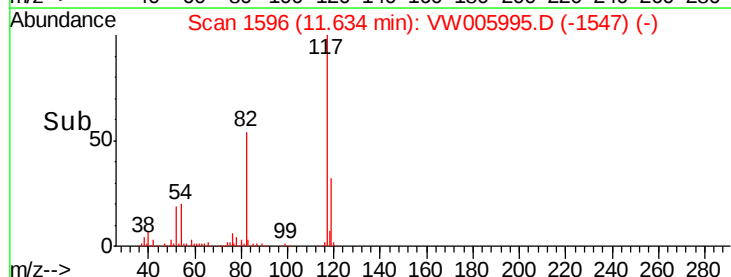
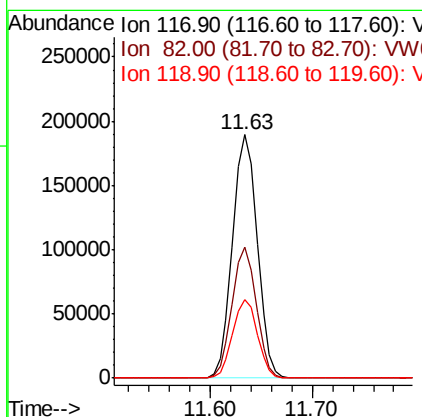
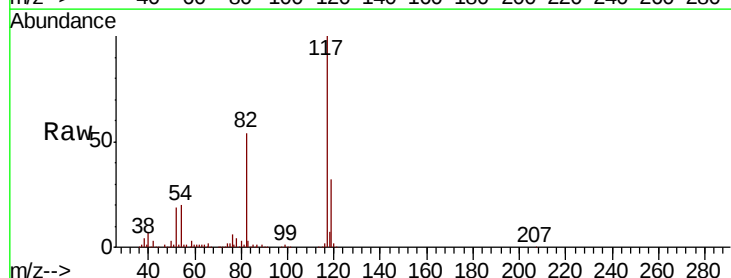
Instrument :
MSVOA_W
ClientSampleId :
S-34-V

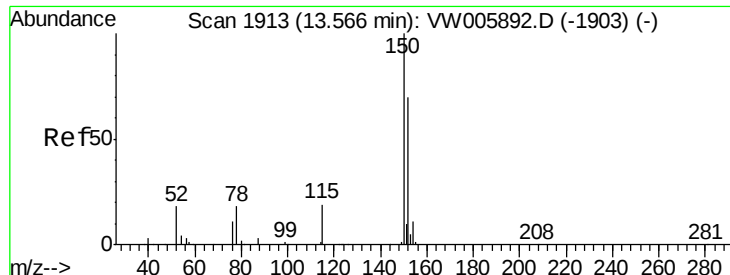
Tot Ion: 95 Resp: 139484
Ion Ratio Lower Upper
95 100
174 92.4 0.0 176.4
176 89.6 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005995.D
Acq: 10 Oct 2018 18:12

Tgt Ion: 117 Resp: 317310
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

S-34-V

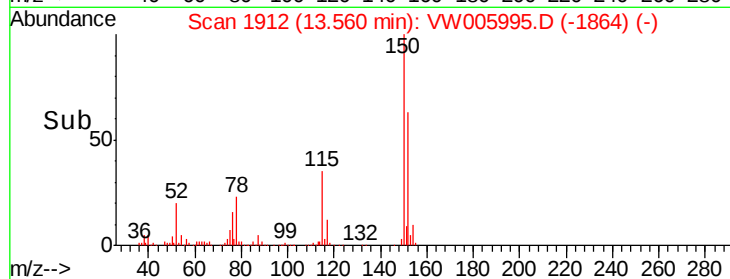
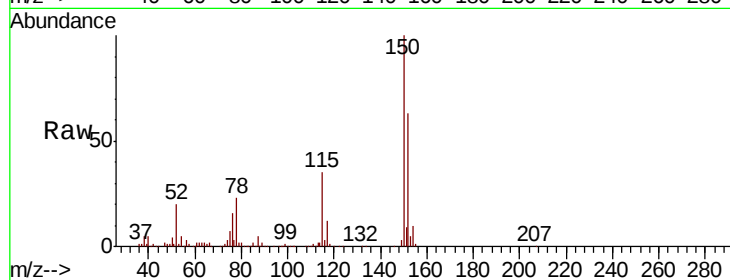
Tot Ion:152 Resp: 161206

Ion Ratio Lower Upper

152 100

115 55.0 28.3 85.0

150 155.9 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

