

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005923.D
 Acq On : 09 Oct 2018 05:20
 Operator : SY/AP
 Sample : J5306-07
 Misc : 5.73G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-18-V

Quant Time: Oct 09 08:20:54 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	246394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80087	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.96%	
35) Dibromofluoromethane	7.89	113	82011	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
50) Toluene-d8	10.33	98	271180	28.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.98%	
62) 4-Bromofluorobenzene	12.62	95	98241	27.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.22%	

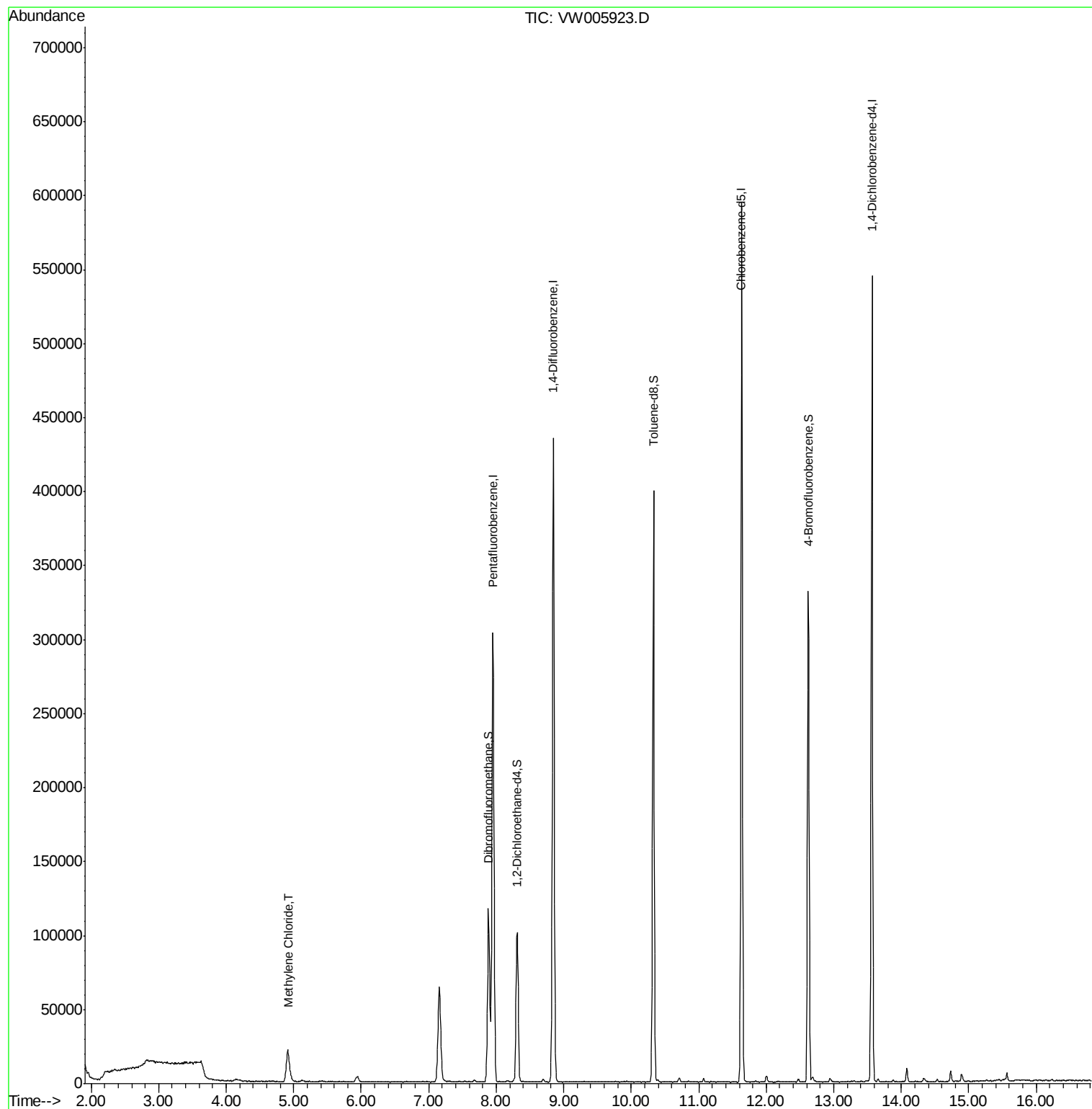
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	17703	7.40	ug/l	94

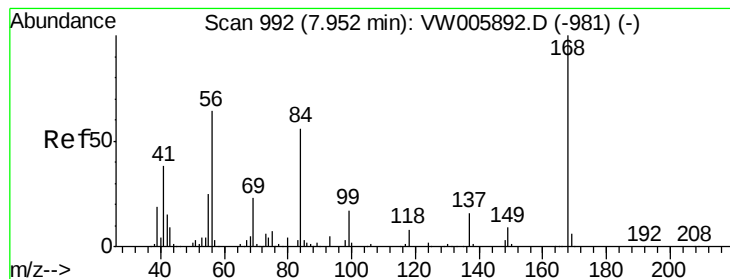
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampled :

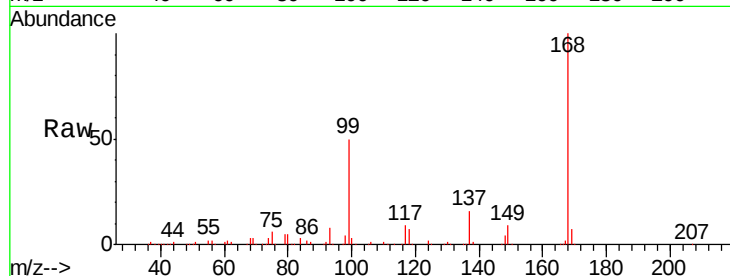
S-18-V

Tgt Ion:168 Resp: 246394

Ion Ratio Lower Upper

168 100

99 50.4 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

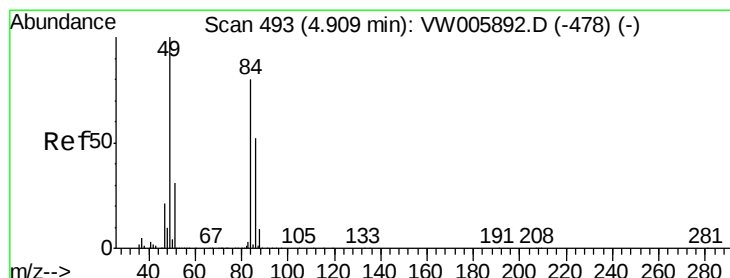
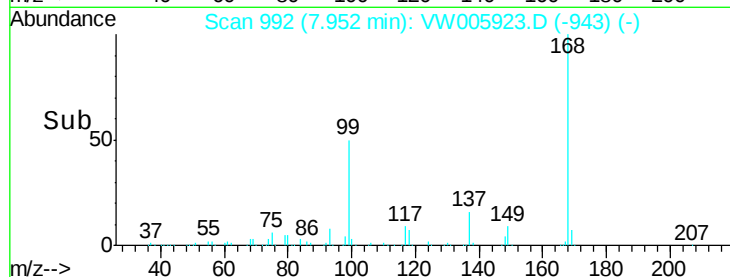
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.40 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Tgt Ion: 84 Resp: 17703

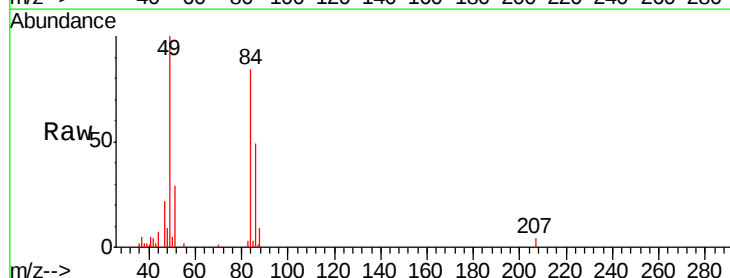
Ion Ratio Lower Upper

84 100

49 118.8 99.9 149.9

51 34.3 31.1 46.7

86 58.8 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

4.92

10000

8000

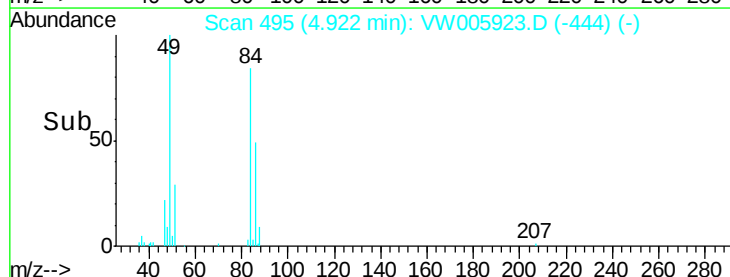
6000

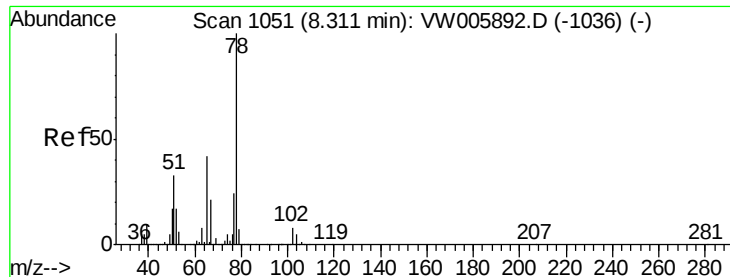
4000

2000

0

Time--> 4.80 4.90 5.00

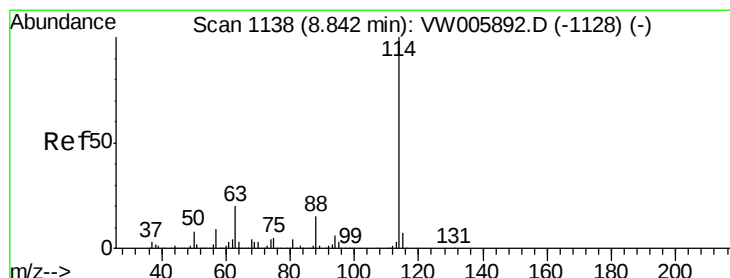
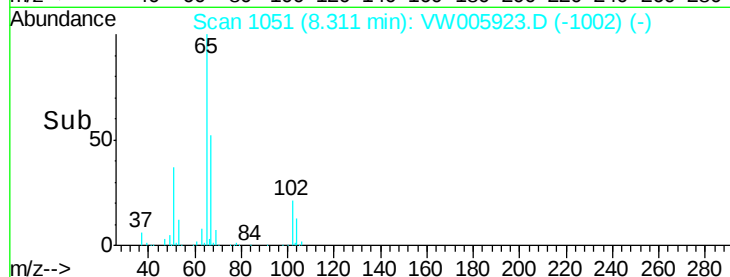
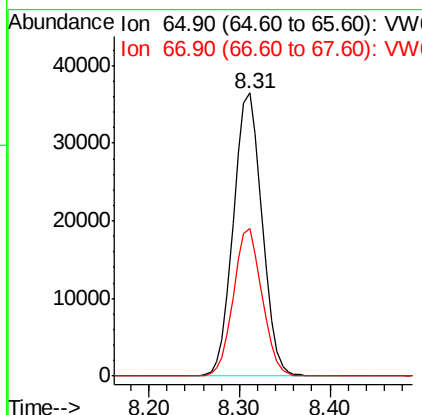
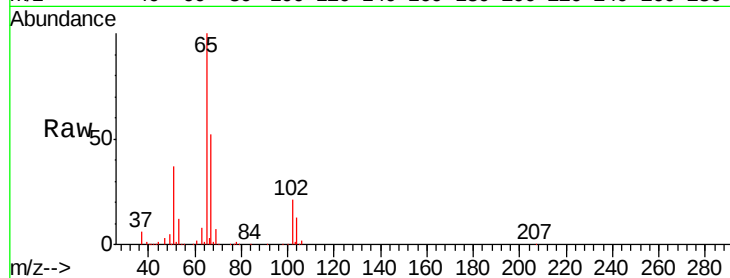




#33
 1,2-Dichloroethane-d4
 Concen: 33.48 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

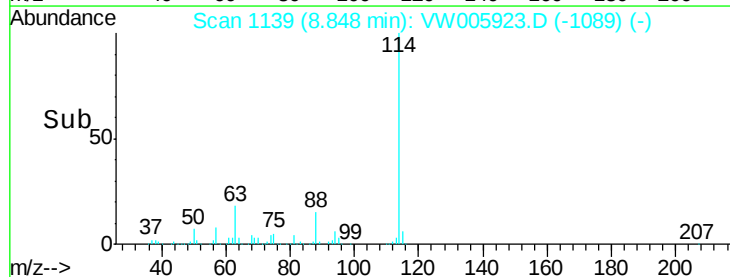
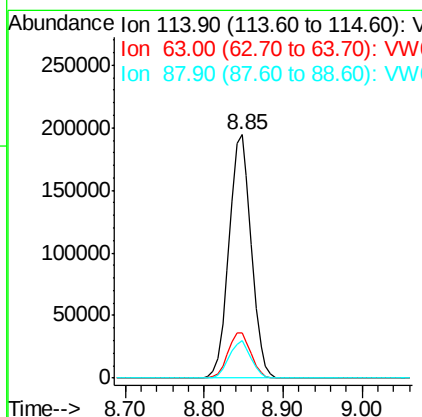
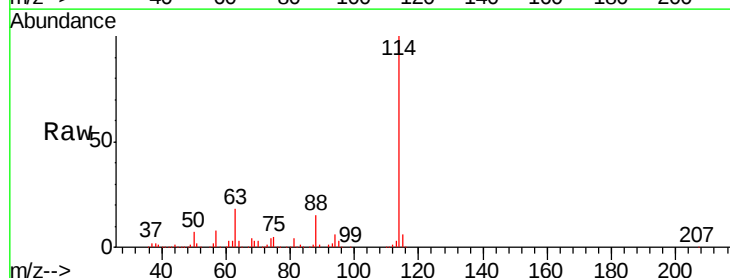
Instrument :
 MSVOA_W
 ClientSampleId :
 S-18-V

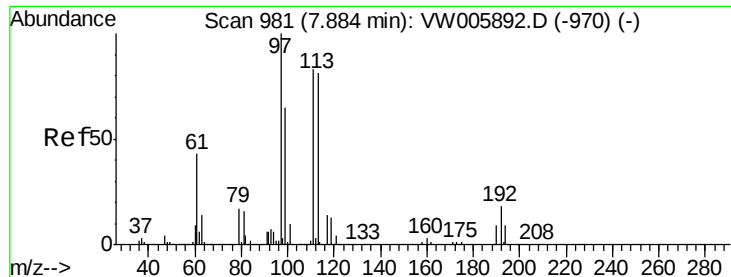
Tgt Ion: 65 Resp: 80087
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

Tgt Ion: 114 Resp: 380769
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.2 0.0 30.8

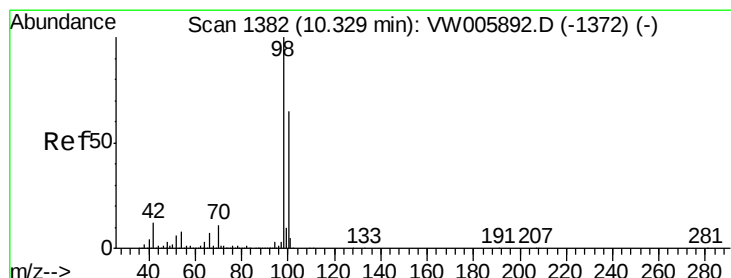
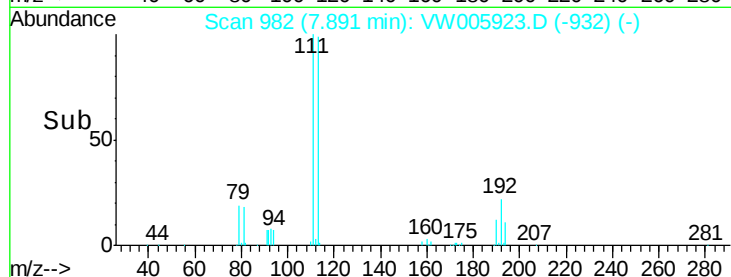
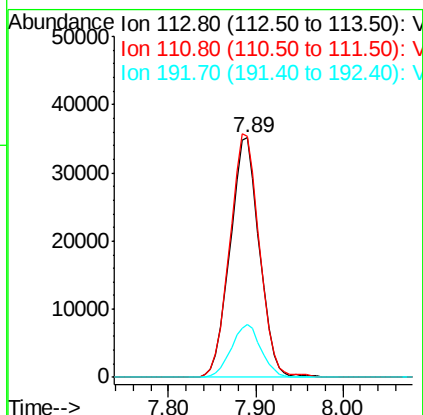
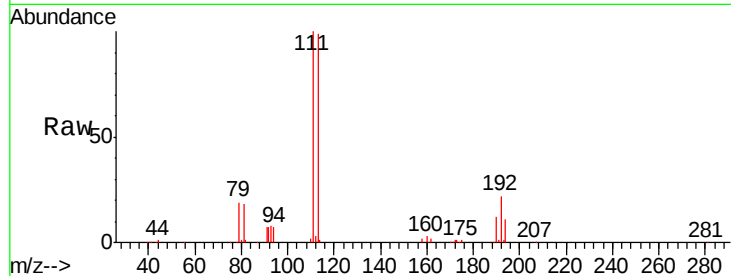




#35
 Dibromofluoromethane
 Concen: 33.73 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

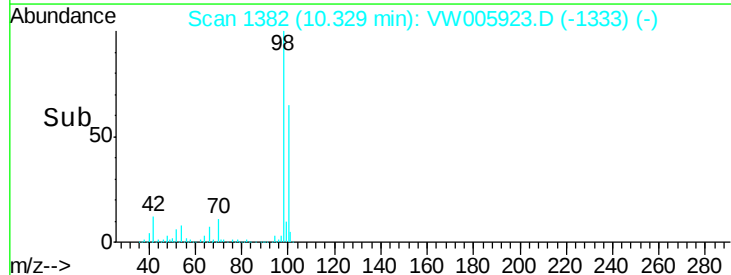
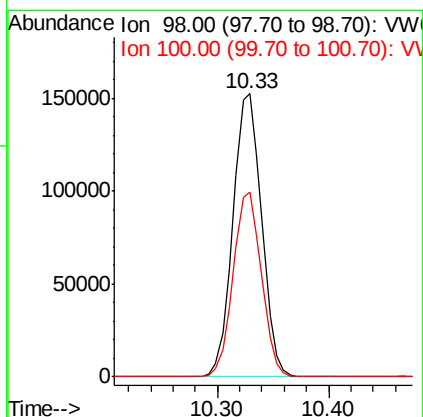
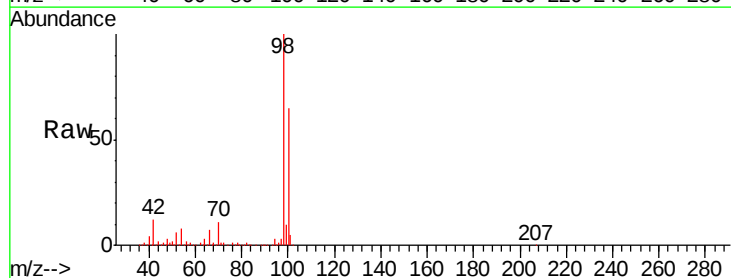
Instrument :
 MSVOA_W
 ClientSampleId :
 S-18-V

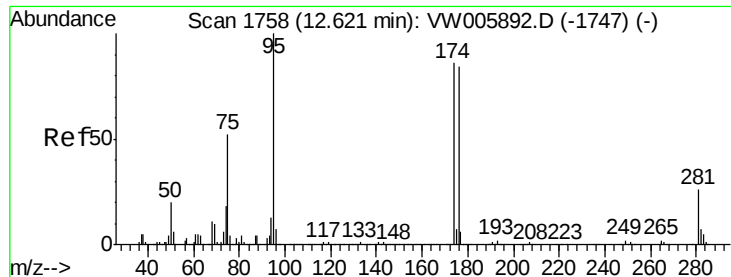
Tgt Ion:113 Resp: 82011
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 22.4 18.3 27.5



#50
 Toluene-d8
 Concen: 28.99 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

Tgt Ion: 98 Resp: 271180
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 27.61 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

S-18-V

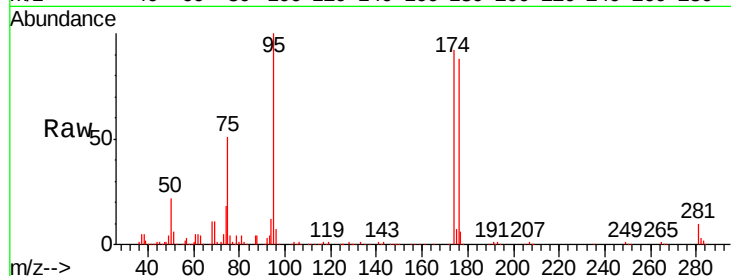
Tgt Ion: 95 Resp: 98241

Ion Ratio Lower Upper

95 100

174 93.9 0.0 176.4

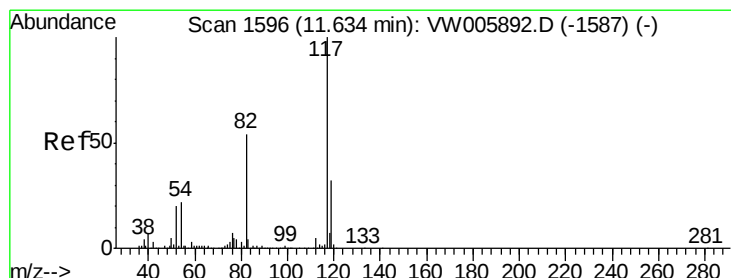
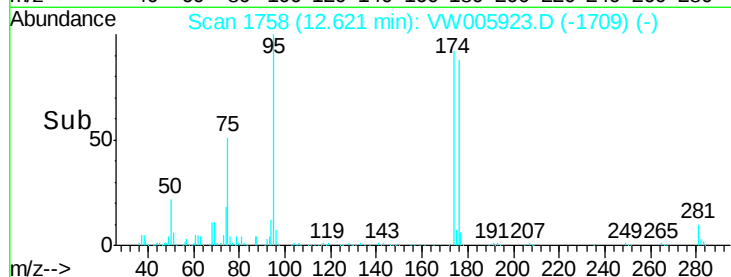
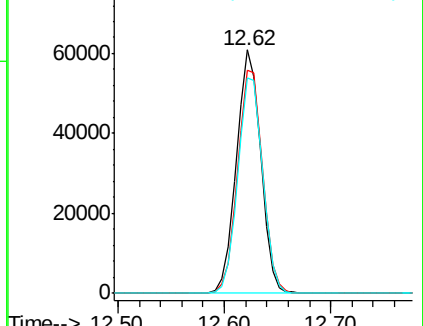
176 90.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

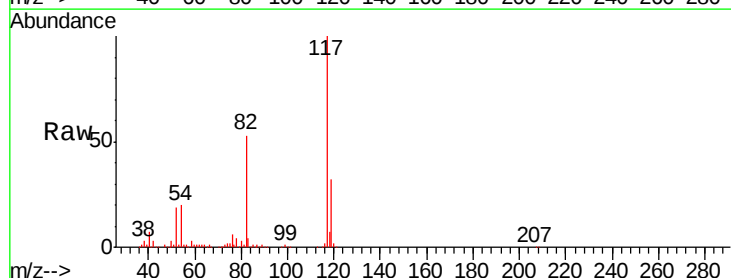
Tgt Ion: 117 Resp: 332017

Ion Ratio Lower Upper

117 100

82 53.4 43.5 65.3

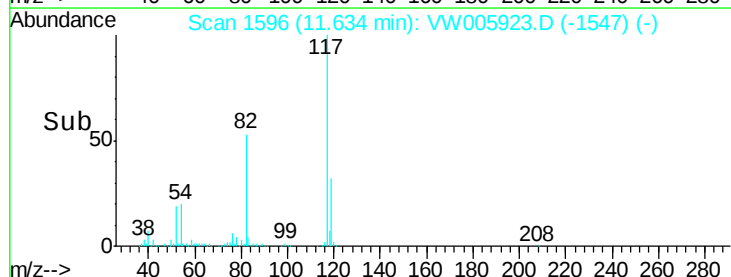
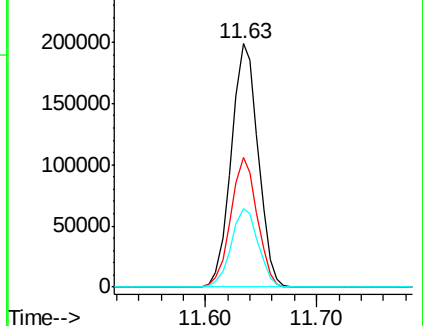
119 32.2 25.4 38.2

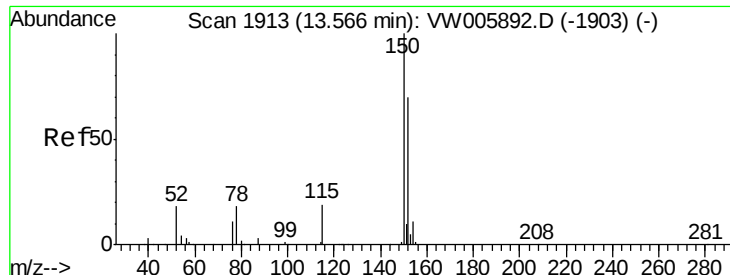


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

S-18-V

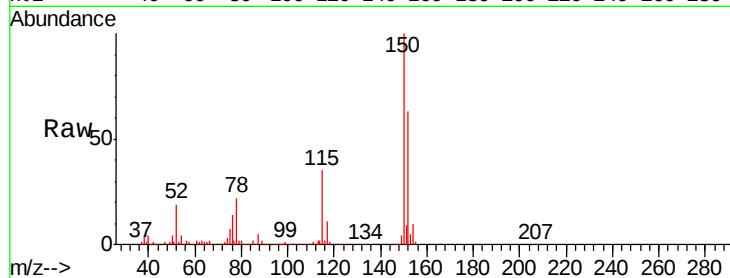
Tgt Ion:152 Resp: 149602

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

150 157.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

200000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

