

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005925.D
 Acq On : 09 Oct 2018 06:12
 Operator : SY/AP
 Sample : J5306-09
 Misc : 5.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-30-V

Quant Time: Oct 09 08:23:10 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	247275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147271	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	81446	33.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.86%	
35) Dibromofluoromethane	7.89	113	80584	33.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.64%	
50) Toluene-d8	10.33	98	263040	28.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.54%	
62) 4-Bromofluorobenzene	12.62	95	96197	27.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.36%	

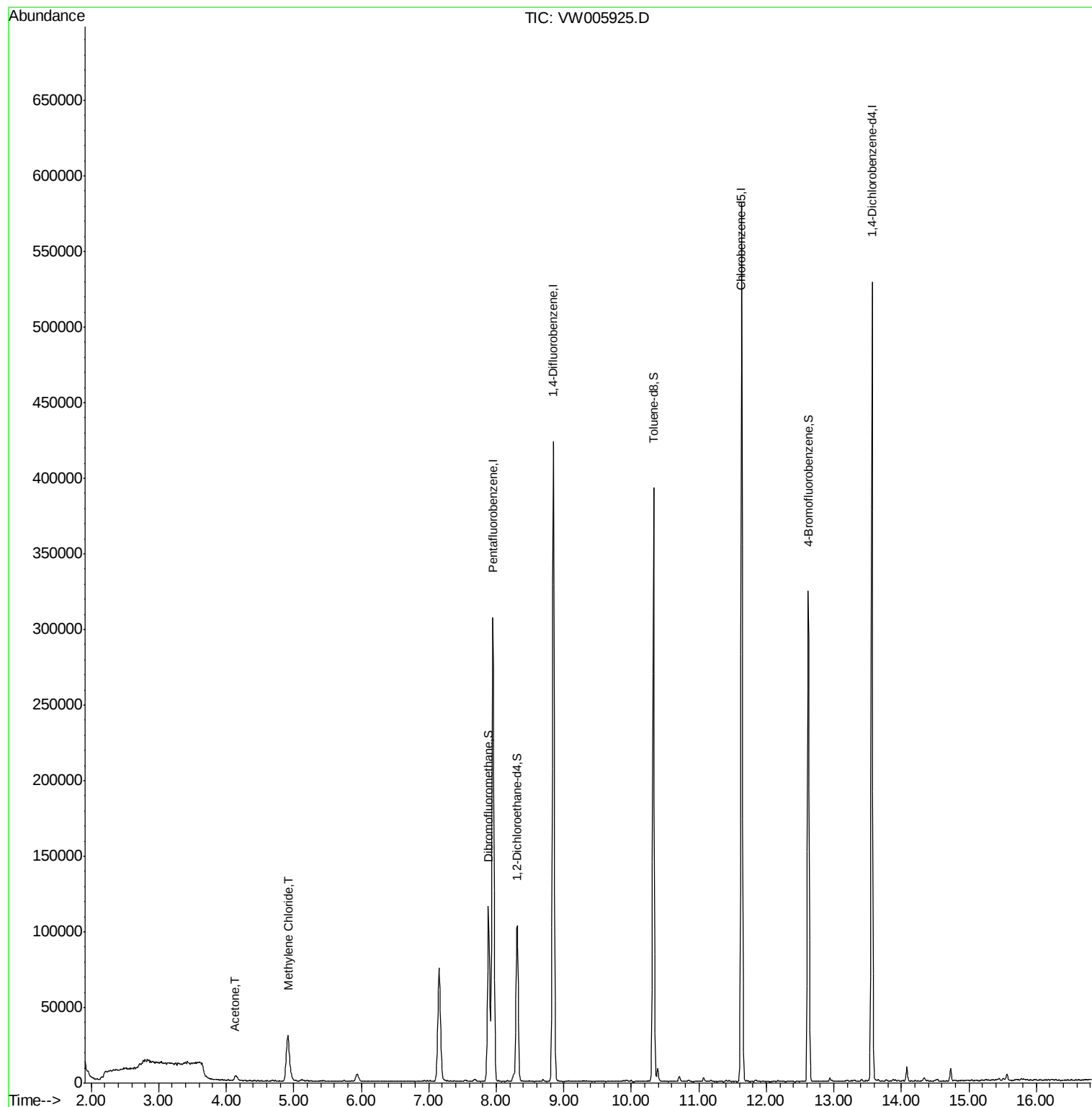
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	6768	14.12	ug/l	98
20) Methylene Chloride	4.92	84	26056	10.85	ug/l	94

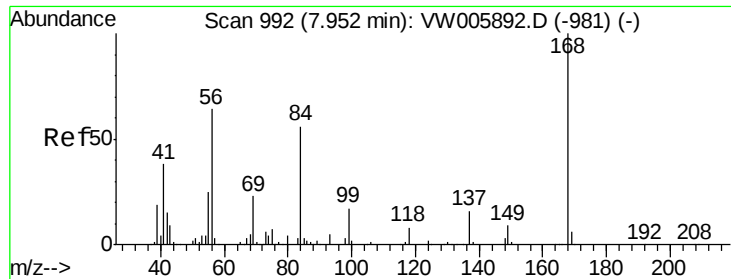
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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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: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

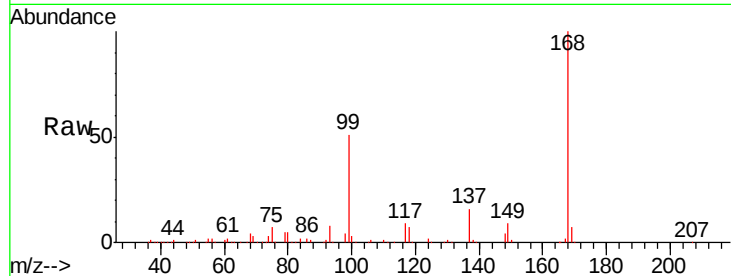
S-30-V

Tgt Ion:168 Resp: 247275

Ion Ratio Lower Upper

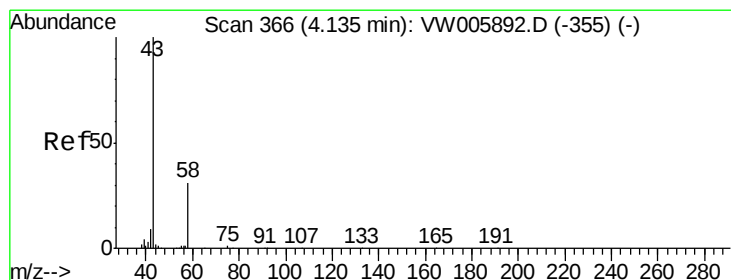
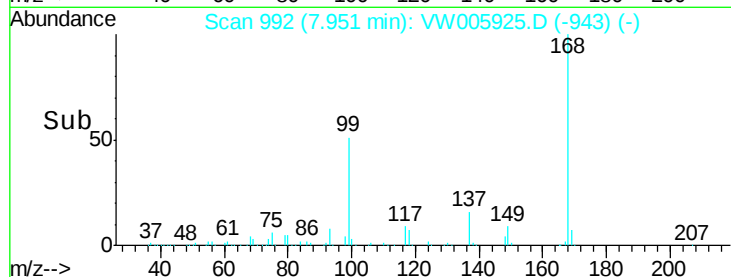
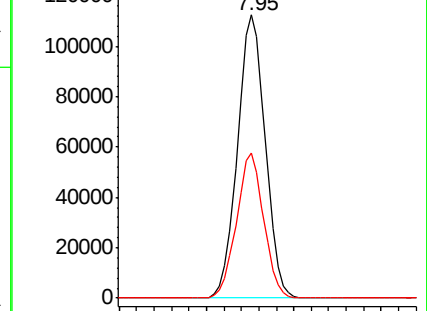
168 100

99 51.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 14.12 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005925.D

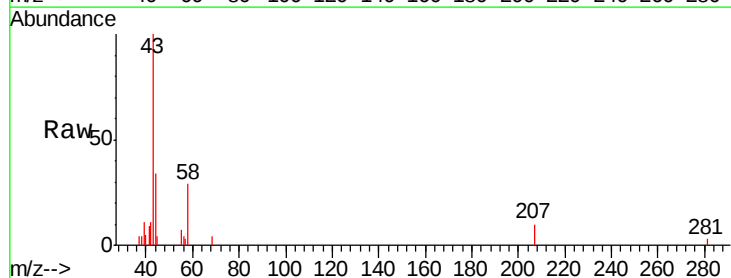
Acq: 09 Oct 2018 06:12

Tgt Ion: 43 Resp: 6768

Ion Ratio Lower Upper

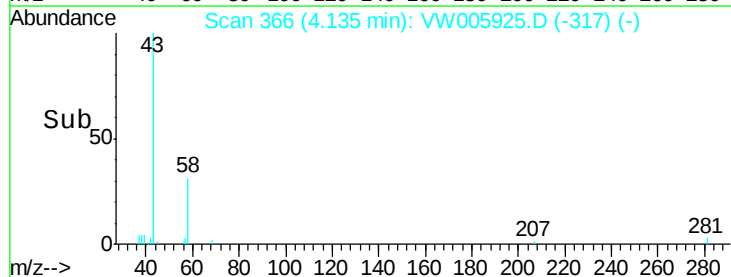
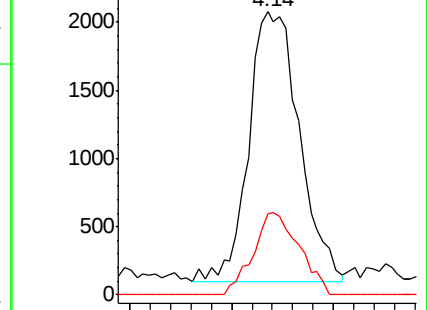
43 100

58 30.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 10.85 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

Tgt Ion: 84 Resp: 26056

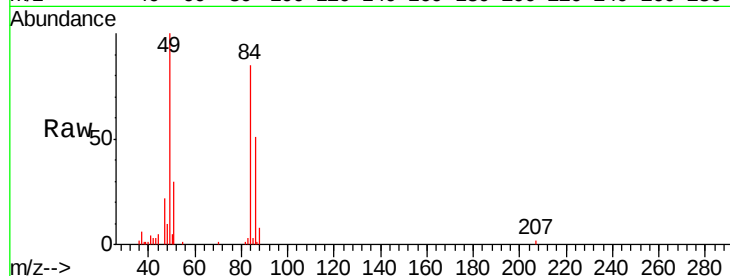
Ion Ratio Lower Upper

84 100

49 118.0 99.9 149.9

51 35.9 31.1 46.7

86 60.3 51.8 77.6

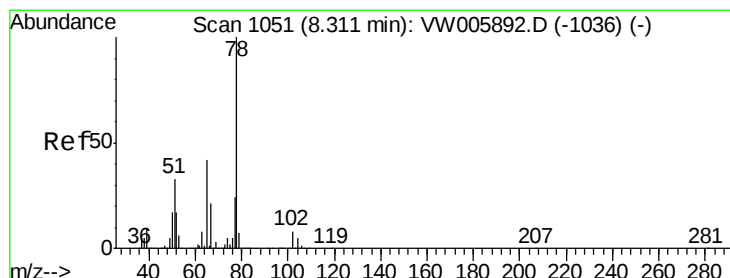
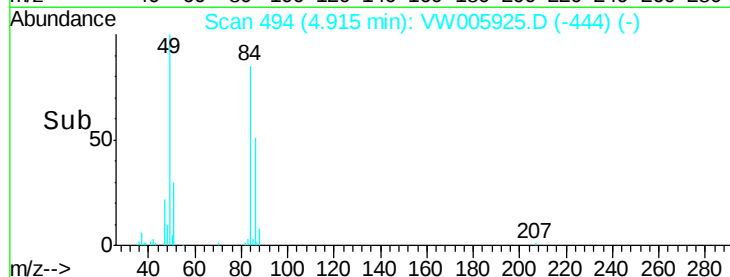
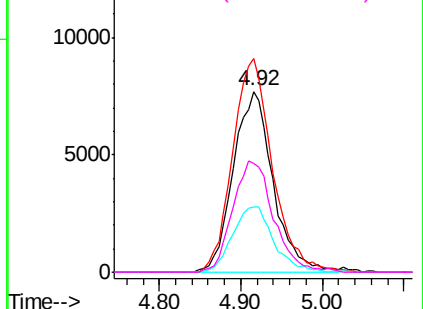


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 33.93 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005925.D

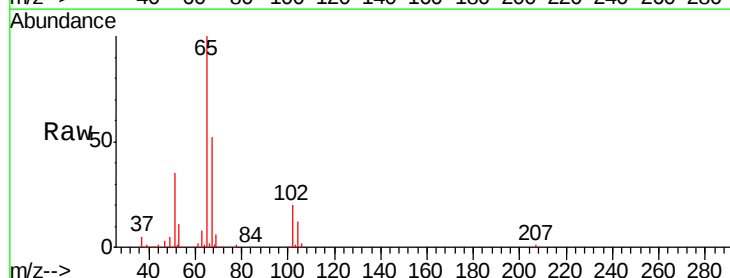
Acq: 09 Oct 2018 06:12

Tgt Ion: 65 Resp: 81446

Ion Ratio Lower Upper

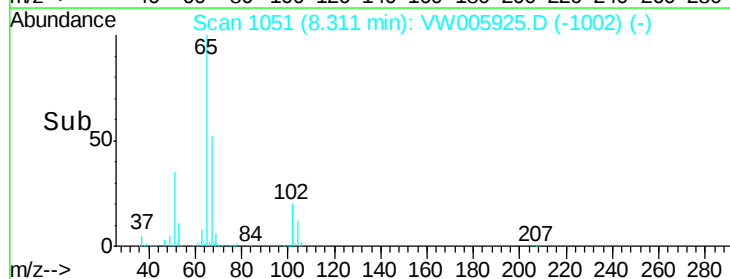
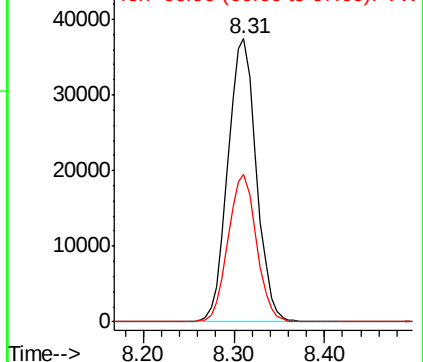
65 100

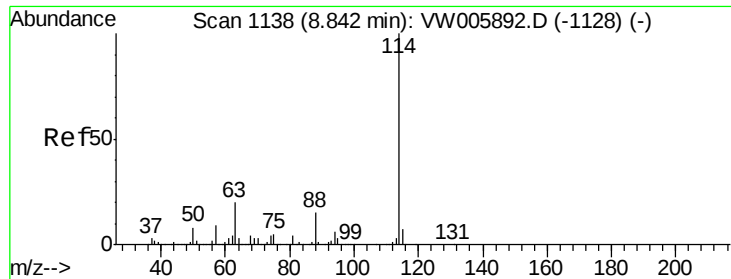
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

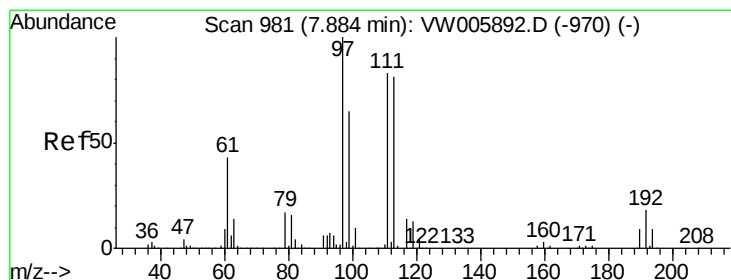
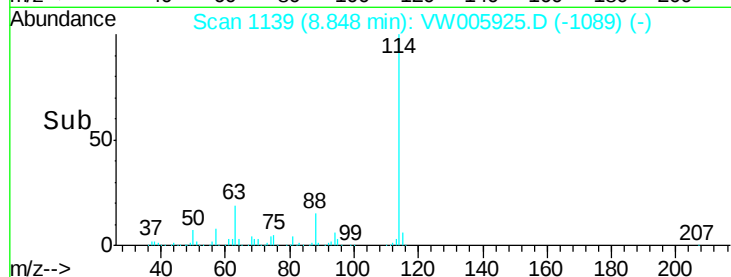
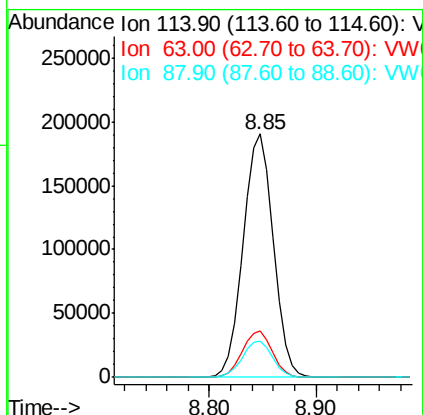
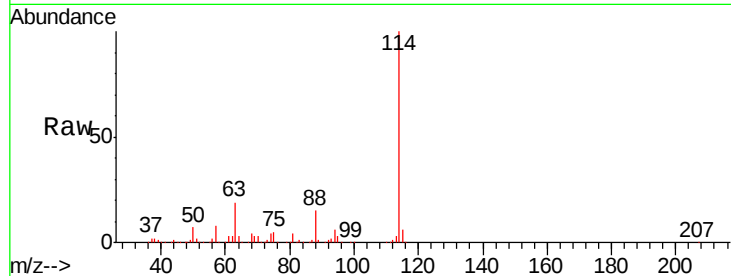




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

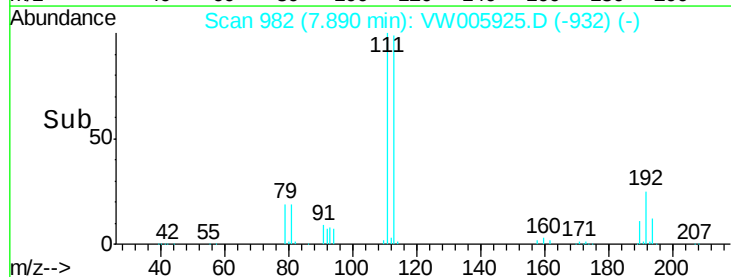
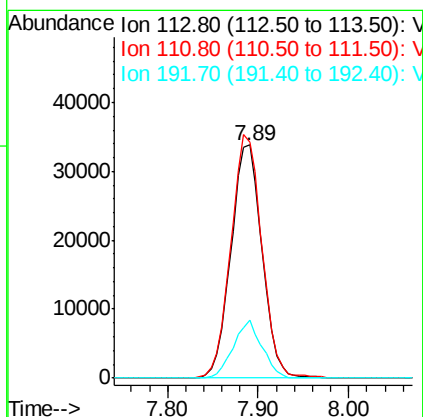
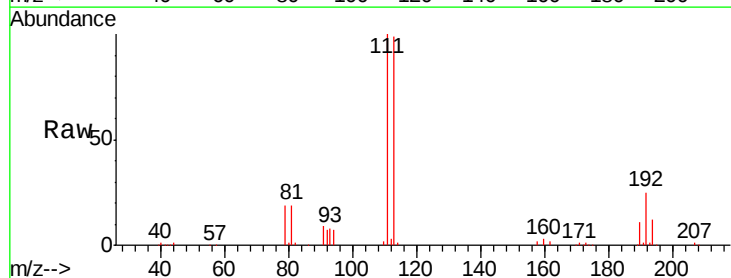
Instrument :
 MSVOA_W
 ClientSampleId :
 S-30-V

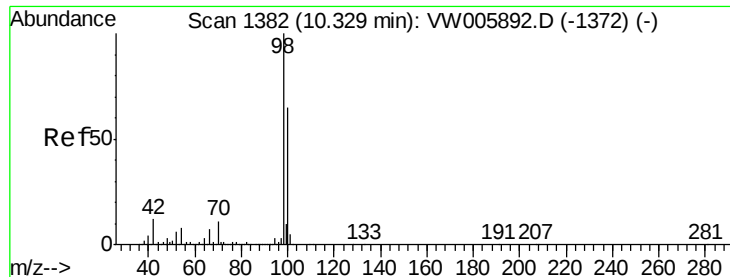
Tgt Ion:114 Resp: 378751
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.0 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 33.32 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

Tgt Ion:113 Resp: 80584
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.0 123.0
 192 22.9 18.3 27.5





#50

Toluene-d8

Concen: 28.27 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

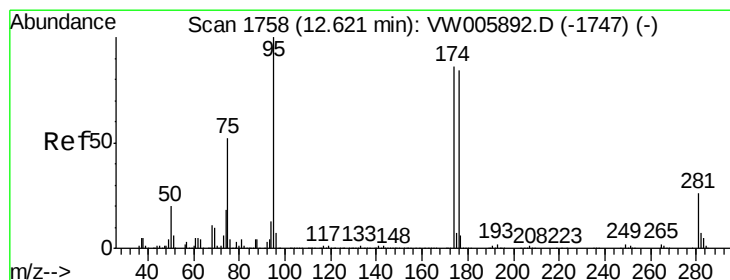
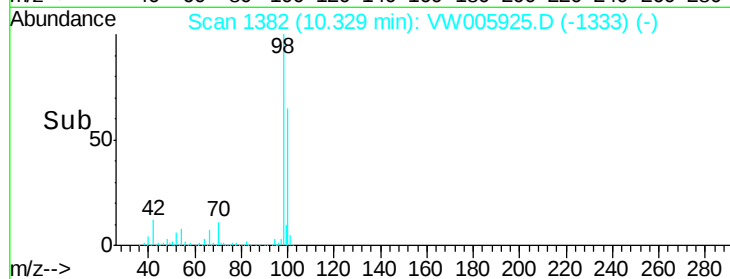
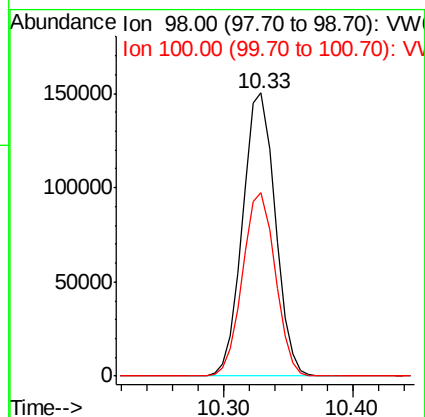
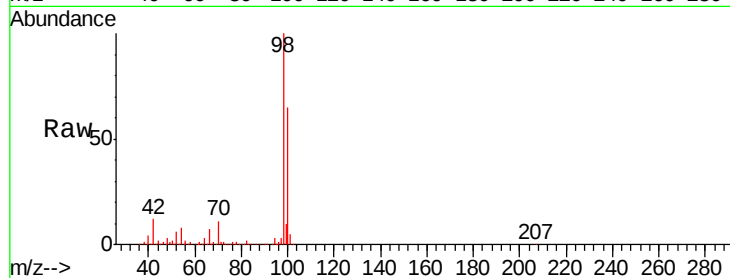
S-30-V

Tgt Ion: 98 Resp: 263040

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.18 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

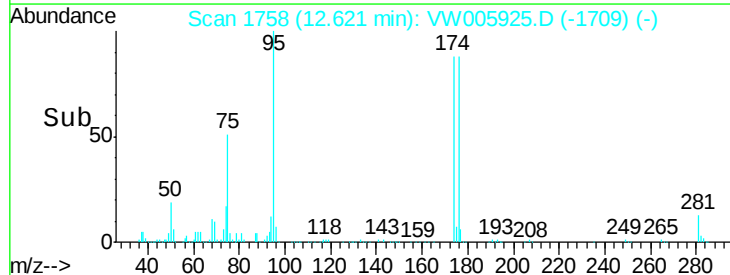
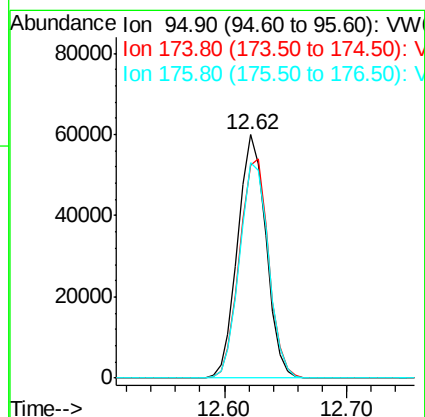
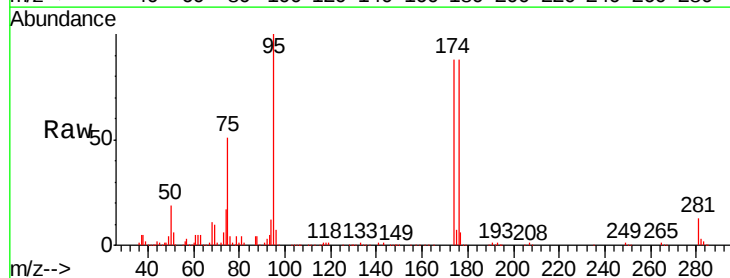
Tgt Ion: 95 Resp: 96197

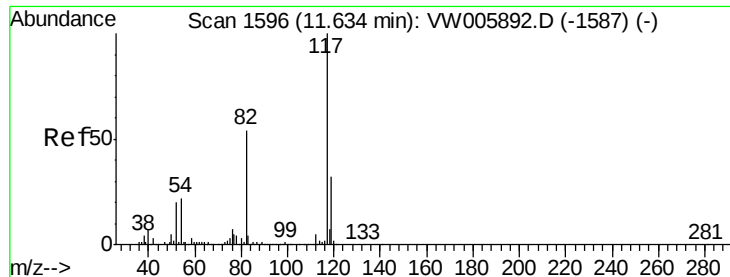
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 90.1 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

S-30-V

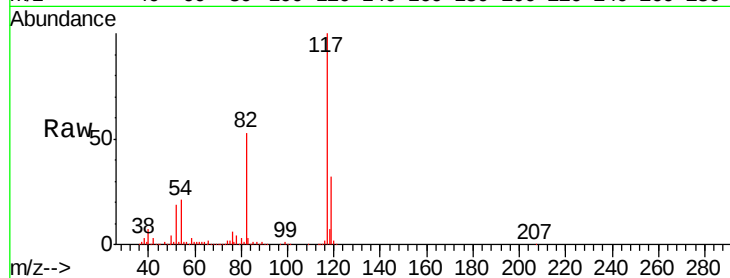
Tgt Ion:117 Resp: 327847

Ion Ratio Lower Upper

117 100

82 53.0 43.5 65.3

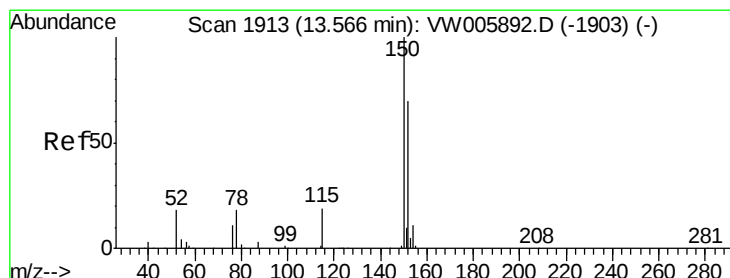
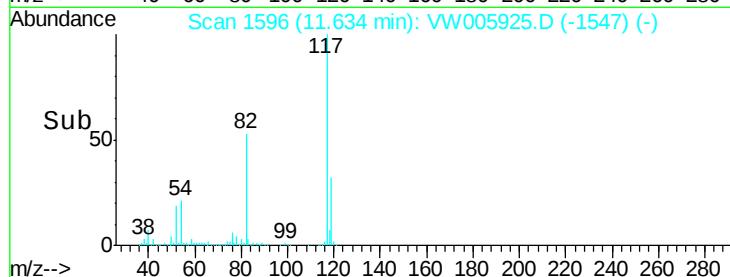
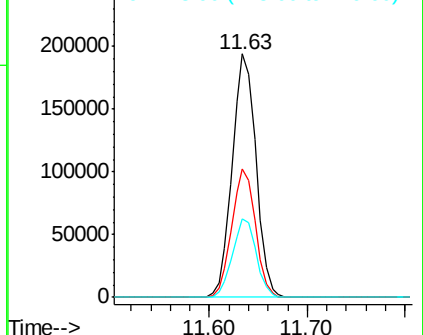
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

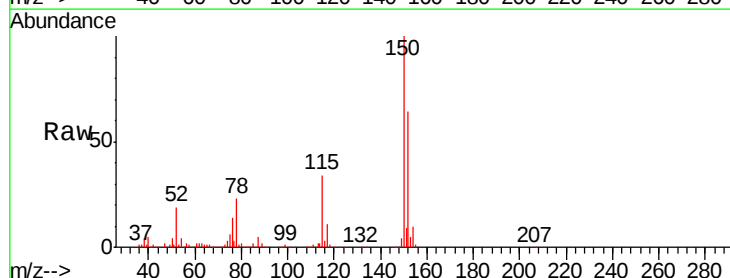
Tgt Ion:152 Resp: 147271

Ion Ratio Lower Upper

152 100

115 54.8 28.3 85.0

150 155.5 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

