

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005906.D
 Acq On : 08 Oct 2018 19:52
 Operator : SY/AP
 Sample : J5302-02
 Misc : 5.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-2-(16.5-17)

Quant Time: Oct 09 07:31:59 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

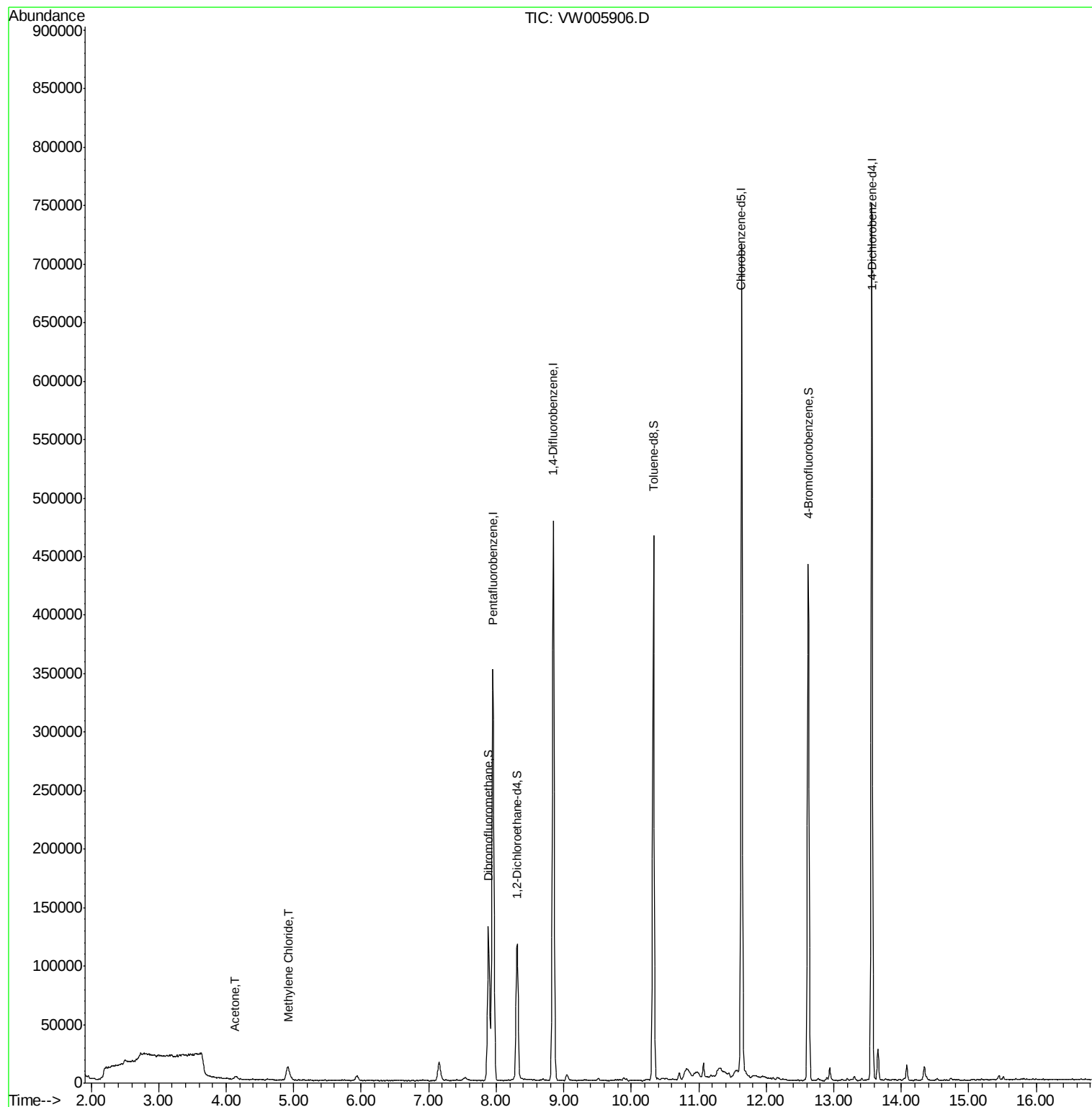
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90516	32.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.48%	
35) Dibromofluoromethane	7.88	113	91445	34.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.42%	
50) Toluene-d8	10.33	98	317463	30.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.74%	
62) 4-Bromofluorobenzene	12.62	95	127446	32.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.14%	
Target Compounds						
16) Acetone	4.14	43	5218	9.45	ug/l	89
20) Methylene Chloride	4.92	84	10583	3.83	ug/l	93

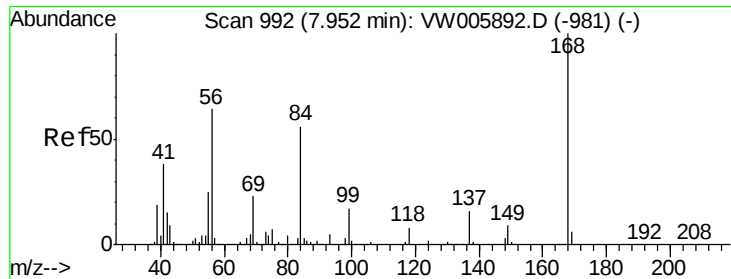
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005906.D

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Instrument :

MSVOA_W

ClientSampleId :

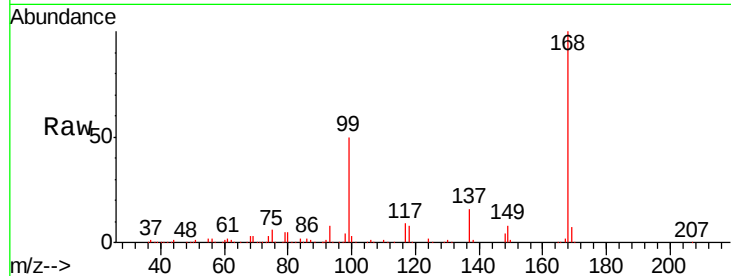
SB-TW-2-(16.5-17)

Tgt Ion:168 Resp: 284787

Ion Ratio Lower Upper

168 100

99 50.0 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

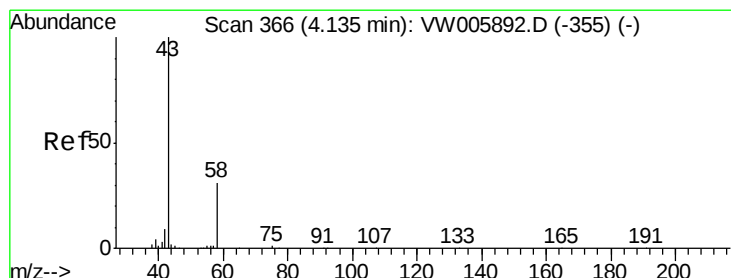
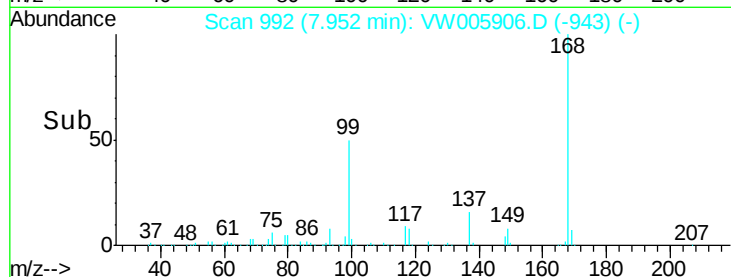
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.45 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005906.D

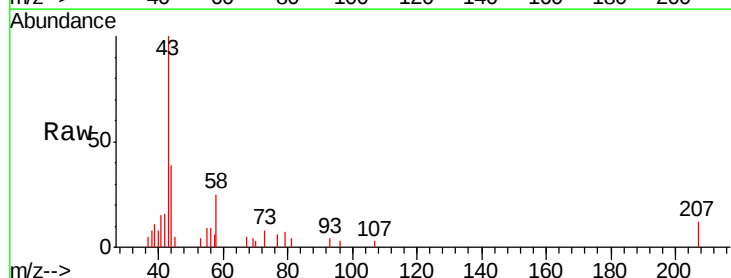
Acq: 08 Oct 2018 19:52

Tgt Ion: 43 Resp: 5218

Ion Ratio Lower Upper

43 100

58 24.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

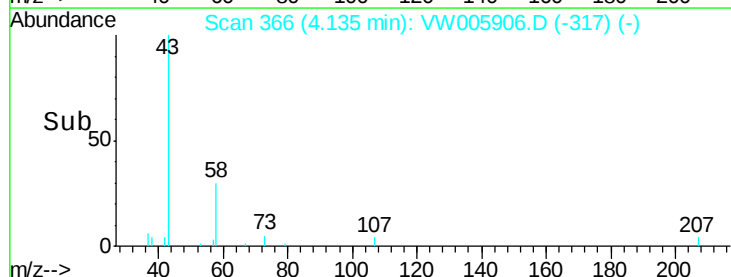
1500

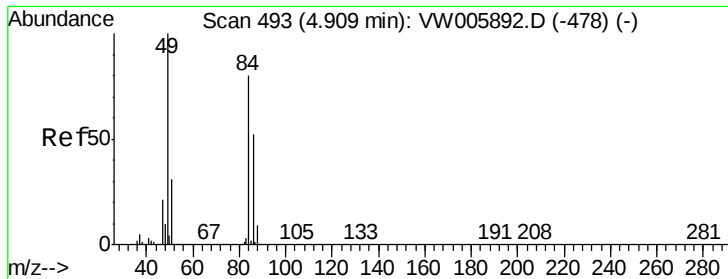
1000

500

0

Time-->

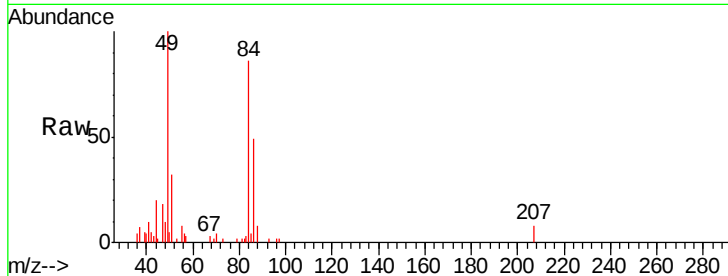




#20
Methylene Chloride
Concen: 3.83 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005906.D
Acq: 08 Oct 2018 19:52

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-2-(16.5-17)

Tgt Ion:	84	Resp:	10583
Ion	Ratio	Lower	Upper
84	100		
49	116.7	99.9	149.9
51	37.9	31.1	46.7
86	57.4	51.8	77.6

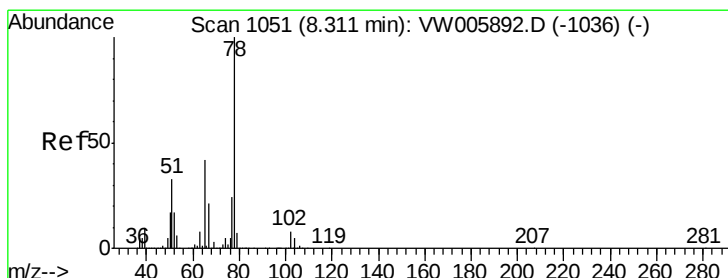
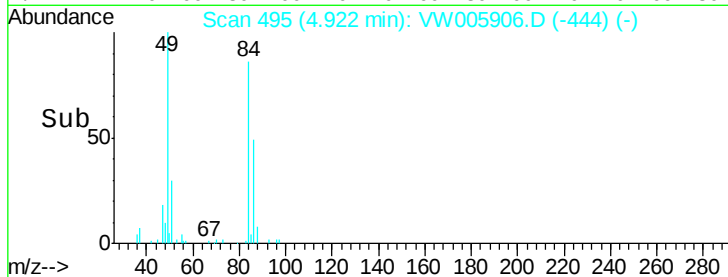
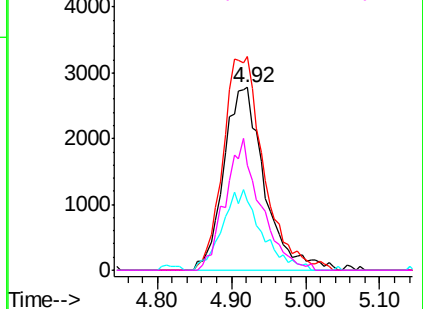


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

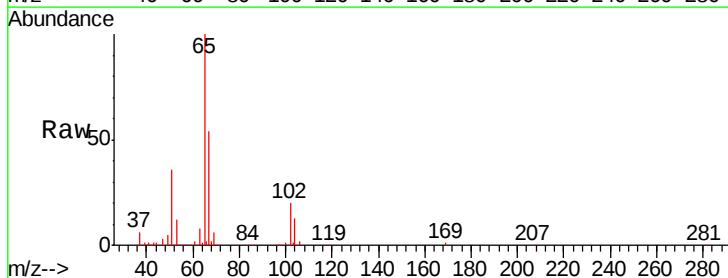
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



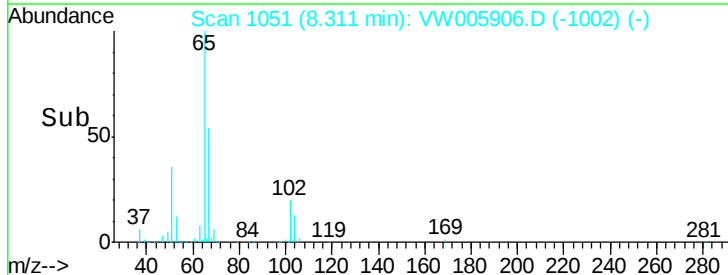
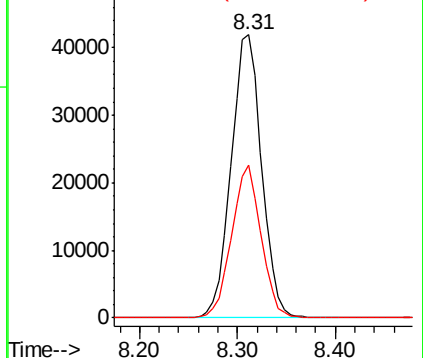
#33
1,2-Dichloroethane-d4
Concen: 32.74 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005906.D
Acq: 08 Oct 2018 19:52

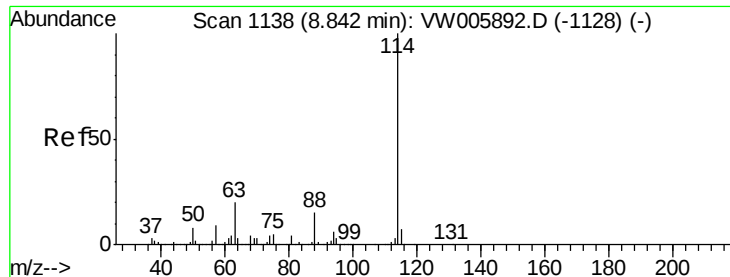
Tgt Ion:	65	Resp:	90516
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6



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: VW005906.D

Acq: 08 Oct 2018 19:52

Instrument :

MSVOA_W

ClientSampleId :

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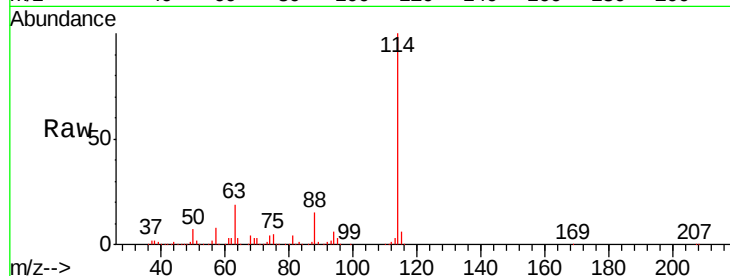
Tgt Ion:114 Resp: 418633

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

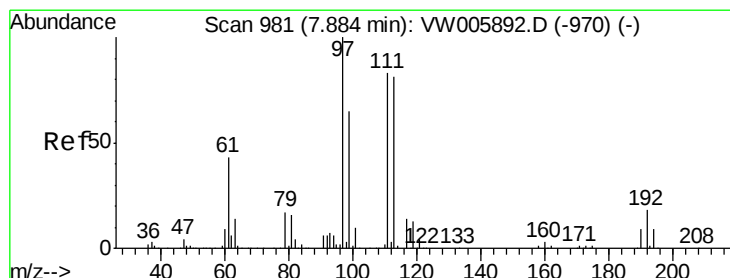
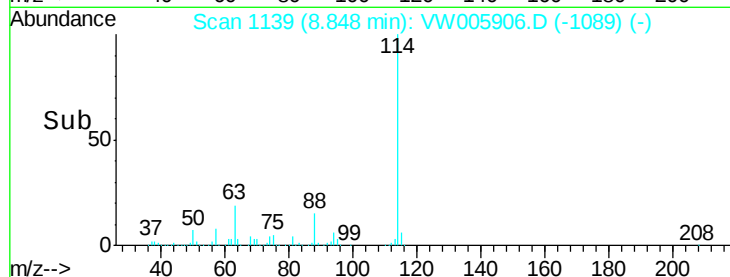
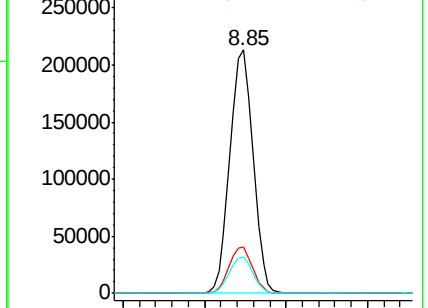
88 15.1 0.0 30.8



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: 34.21 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005906.D

Acq: 08 Oct 2018 19:52

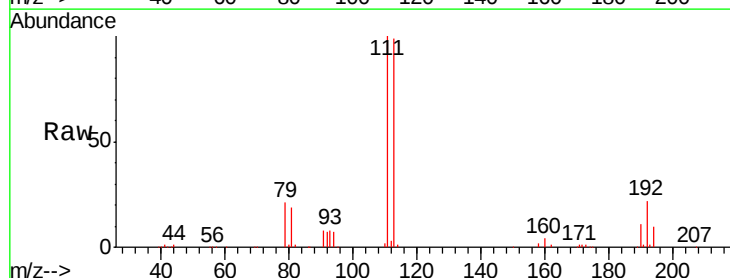
Tgt Ion:113 Resp: 91445

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

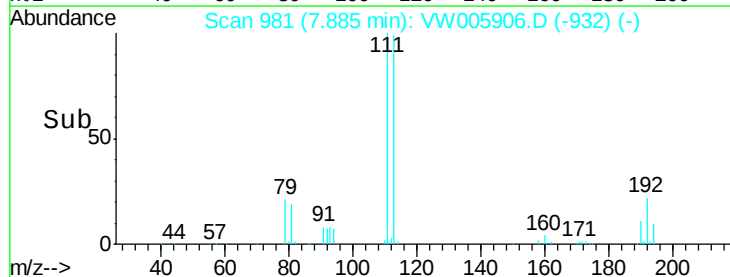
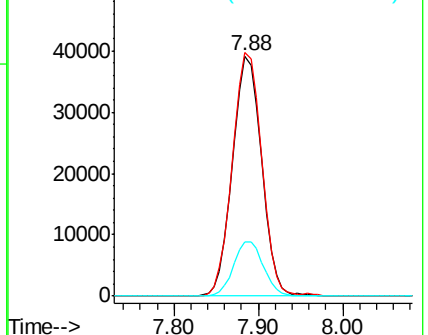
192 23.2 18.3 27.5

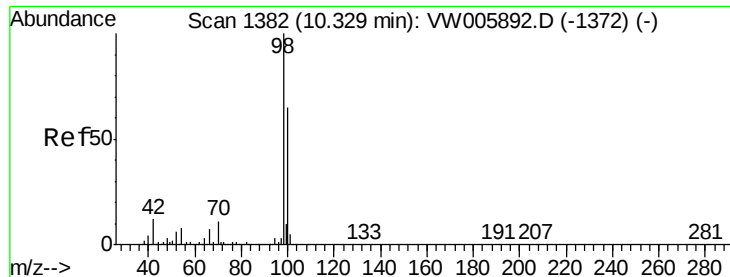


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.87 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005906.D

Acq: 08 Oct 2018 19:52

Instrument :

MSVOA_W

ClientSampleId :

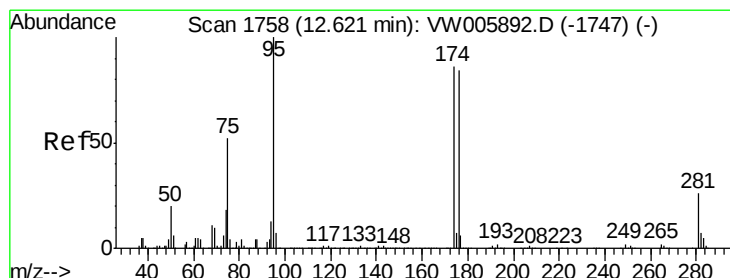
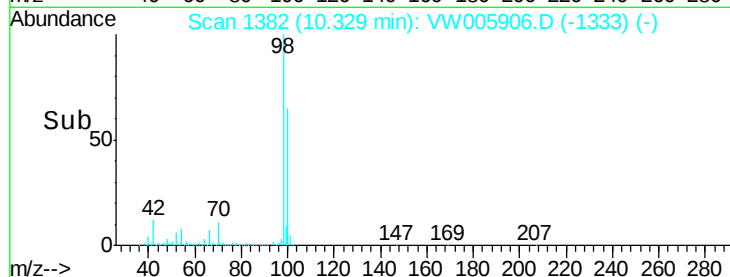
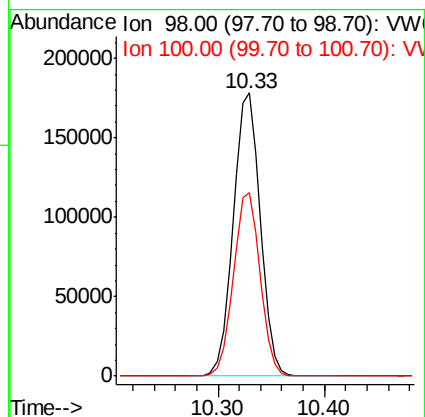
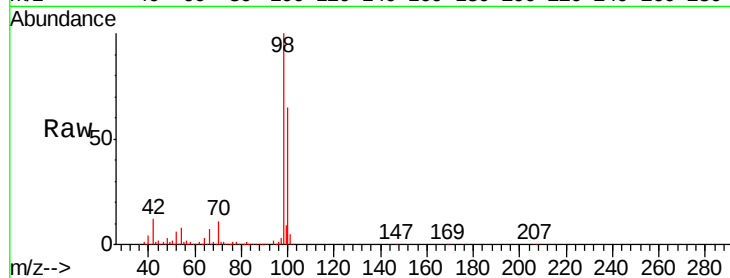
SB-TW-2-(16.5-17)

Tgt Ion: 98 Resp: 317463

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 32.57 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005906.D

Acq: 08 Oct 2018 19:52

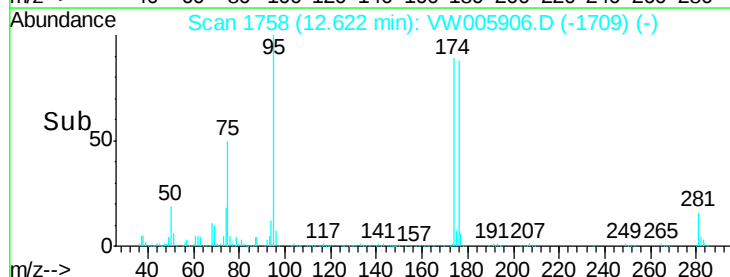
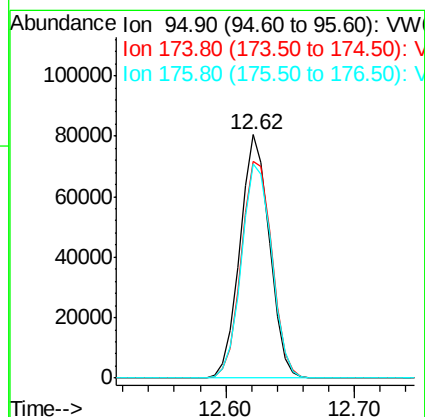
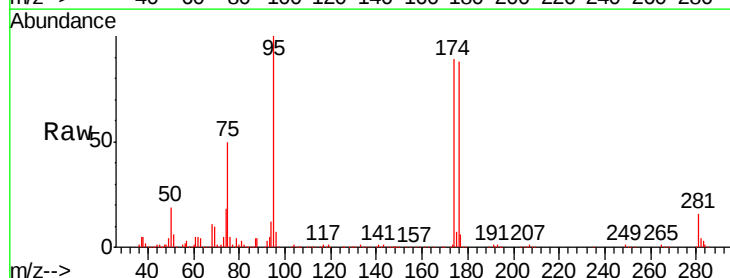
Tgt Ion: 95 Resp: 127446

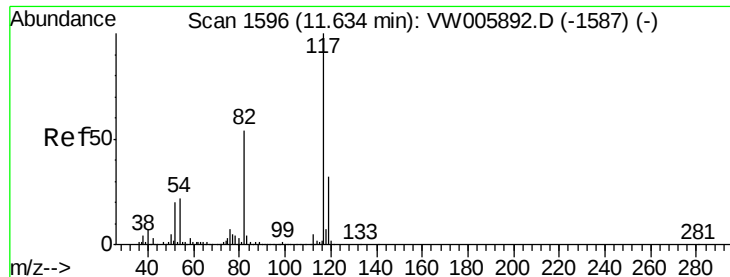
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 90.4 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: VW005906.D

Acq: 08 Oct 2018 19:52

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-2-(16.5-17)

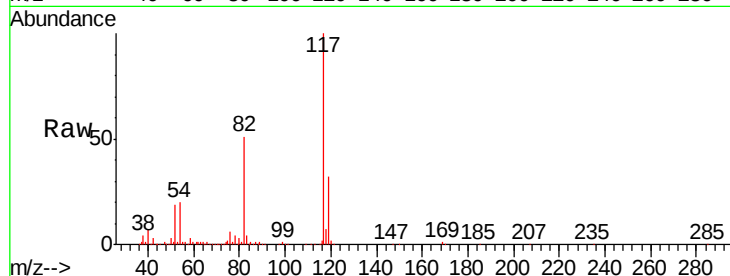
Tgt Ion:117 Resp: 387166

Ion Ratio Lower Upper

117 100

82 51.3 43.5 65.3

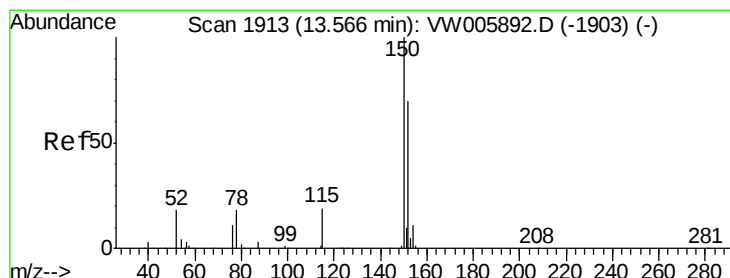
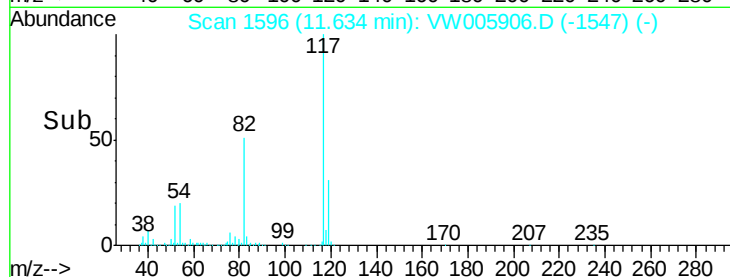
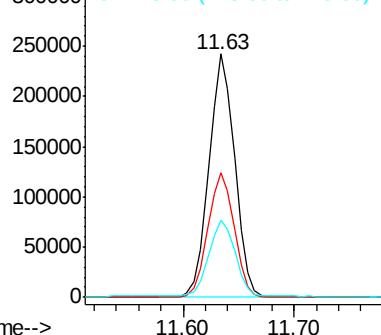
119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW005906.D

Acq: 08 Oct 2018 19:52

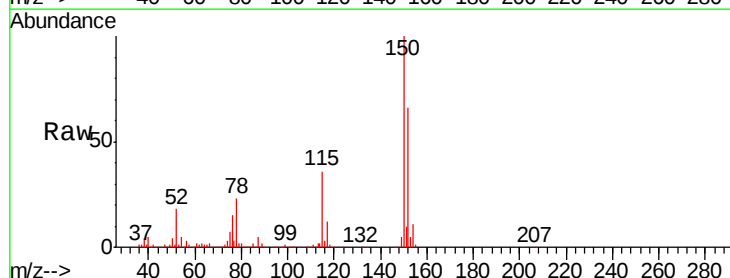
Tgt Ion:152 Resp: 205001

Ion Ratio Lower Upper

152 100

115 55.4 28.3 85.0

150 154.9 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

