

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004597.D
 Acq On : 10 Aug 2018 15:15
 Operator : SY/AP
 Sample : J4382-01
 Misc : 16.80G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

Quant Time: Aug 11 01:59:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	729051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1245329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1145223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	560359	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	364546	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	7.88	113	348393	41.96	ug/l	0.00
Spiked Amount			Recovery	=	83.92%	
50) Toluene-d8	10.33	98	1272108	40.19	ug/l	0.00
Spiked Amount			Recovery	=	80.38%	
62) 4-Bromofluorobenzene	12.62	95	407158	35.71	ug/l	0.00
Spiked Amount			Recovery	=	71.42%	

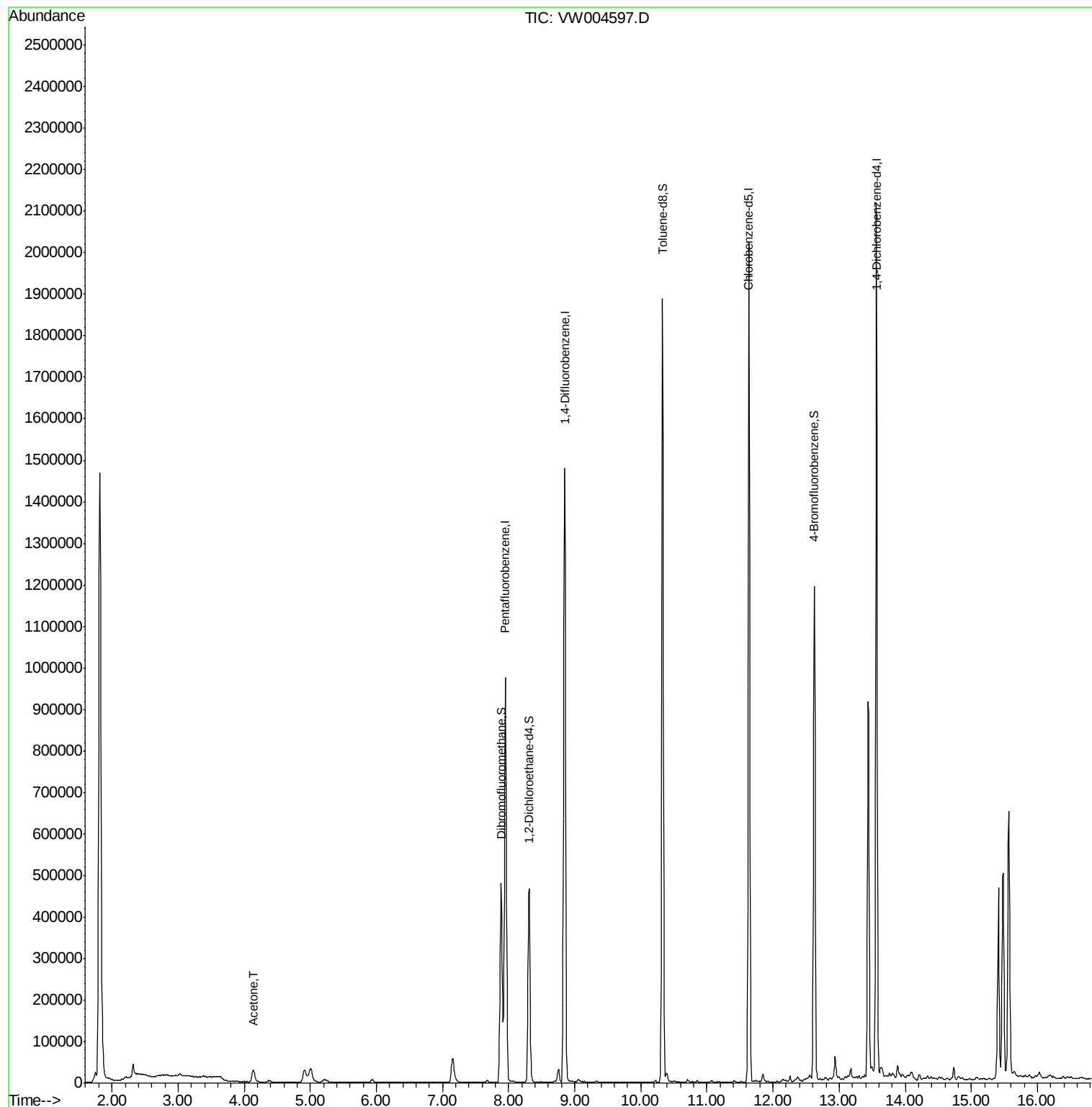
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	55478	27.53	ug/l	97

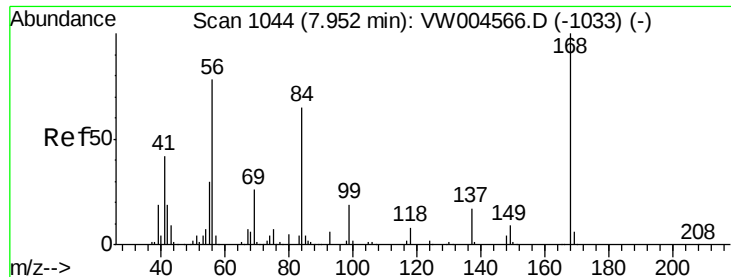
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

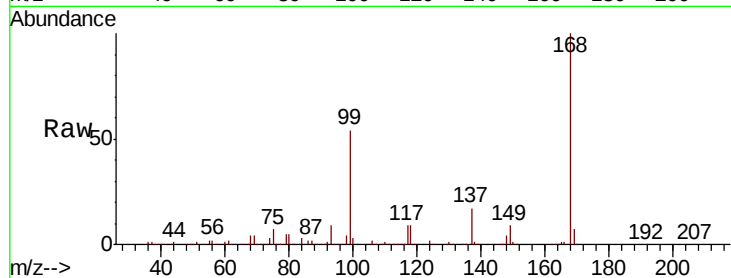
JTY-SB-05-5-7

Tot Ion:168 Resp: 729051

Ion Ratio Lower Upper

168 100

99 54.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

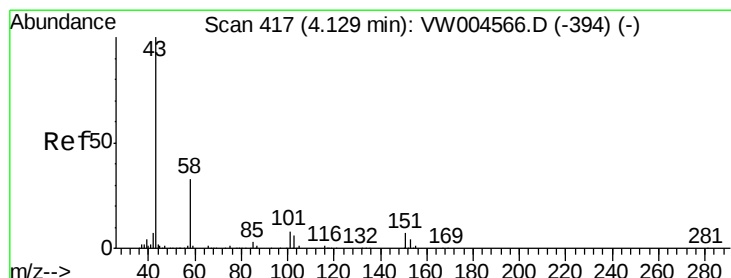
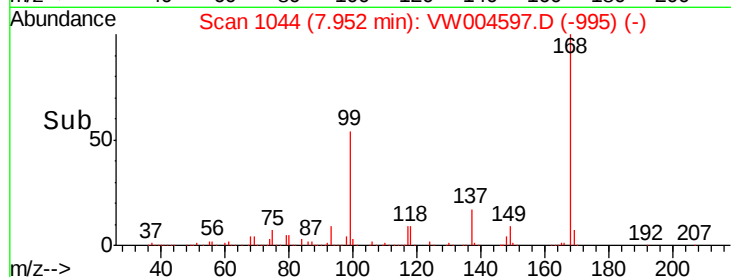
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 27.53 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004597.D

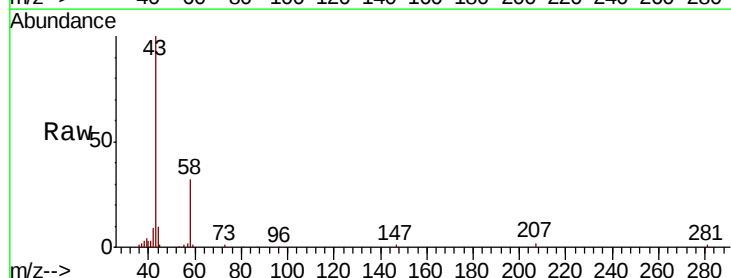
Acq: 10 Aug 2018 15:15

Tgt Ion: 43 Resp: 55478

Ion Ratio Lower Upper

43 100

58 31.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

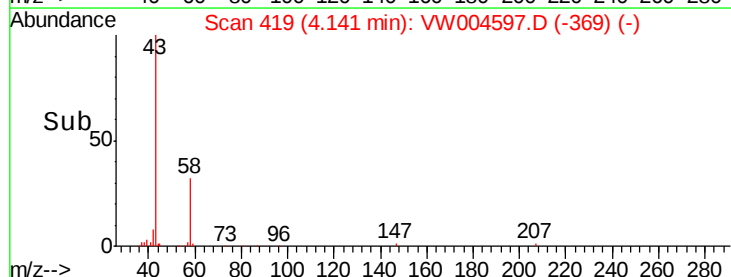
15000

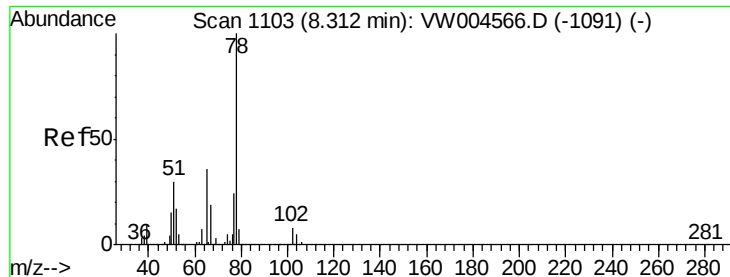
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.17 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

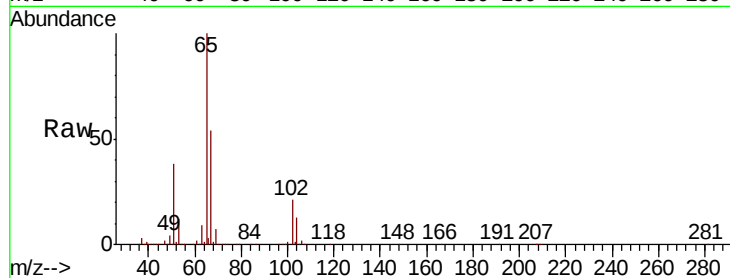
JTY-SB-05-5-7

Tot Ion: 65 Resp: 364546

Ion Ratio Lower Upper

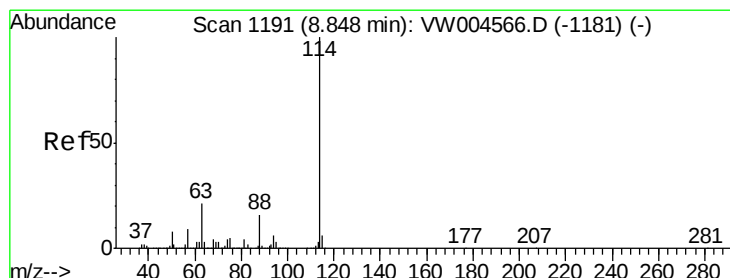
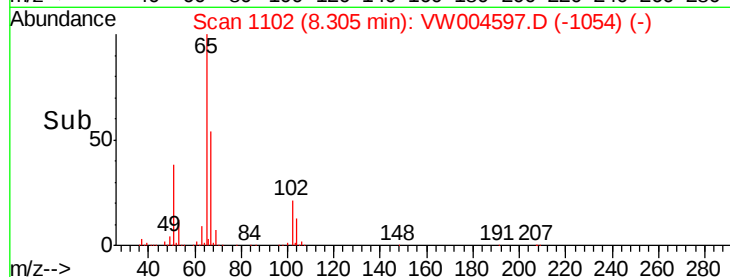
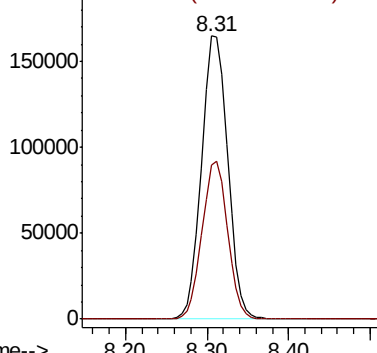
65 100

67 54.5 0.0 109.0



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# 1191

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

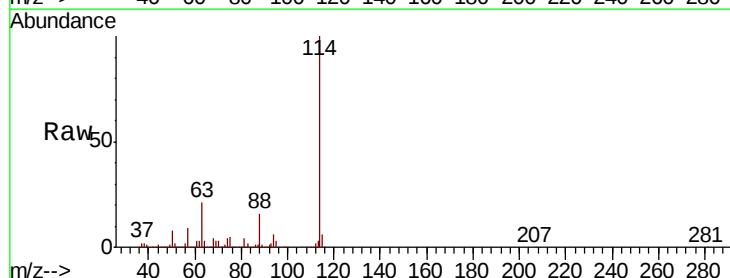
Tgt Ion: 114 Resp: 1245329

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

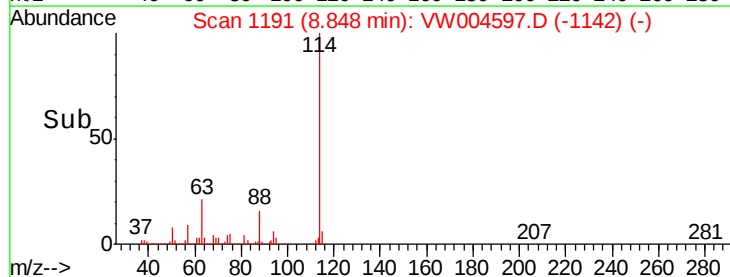
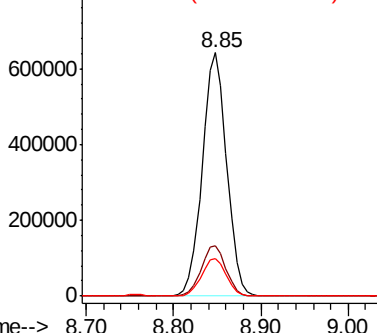
88 15.6 0.0 31.2

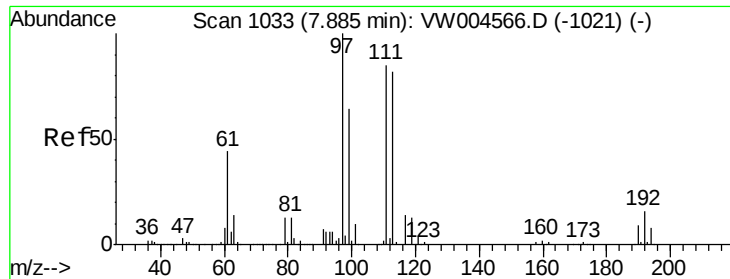


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

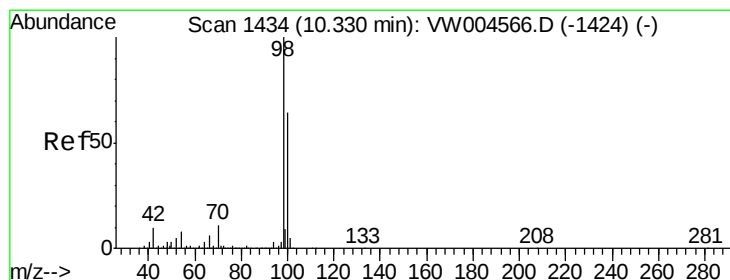
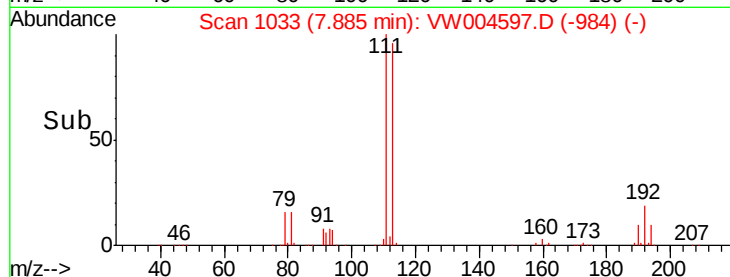
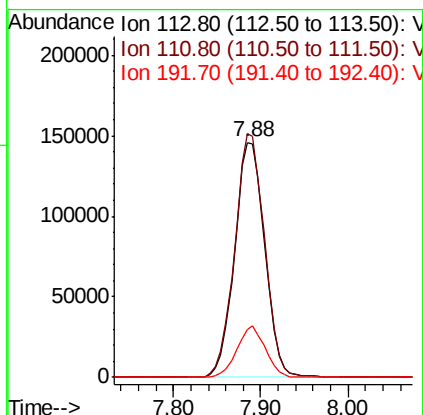
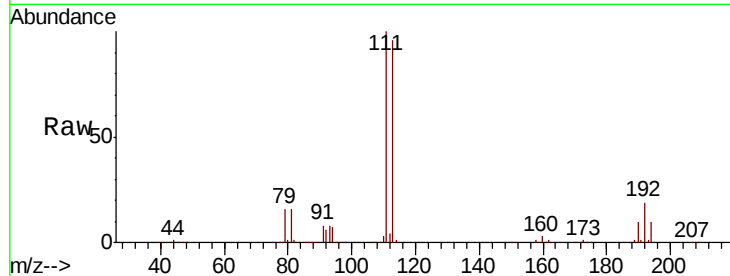




#35
 Dibromofluoromethane
 Concen: 41.96 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

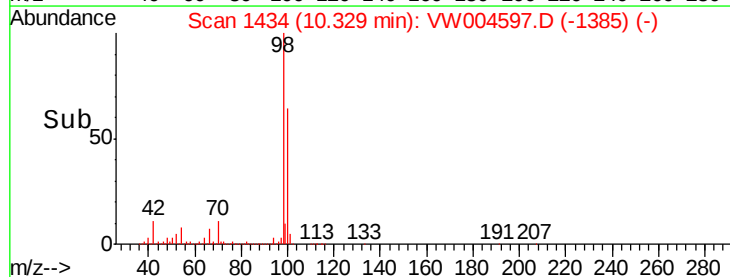
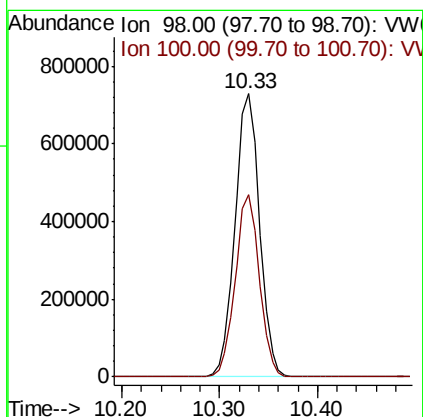
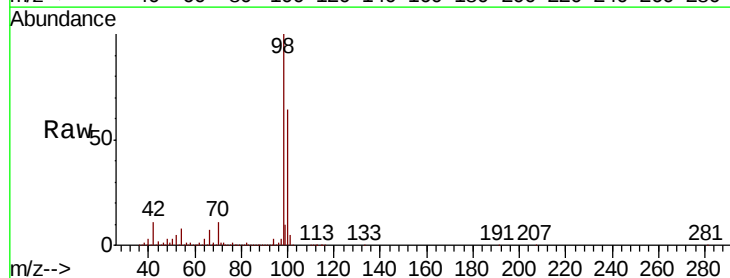
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

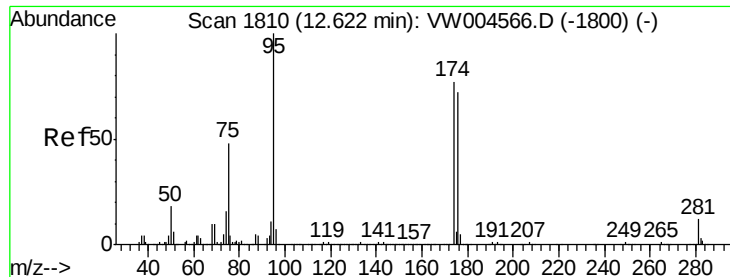
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.6	15.8	23.6



#50
 Toluene-d8
 Concen: 40.19 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 35.71 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

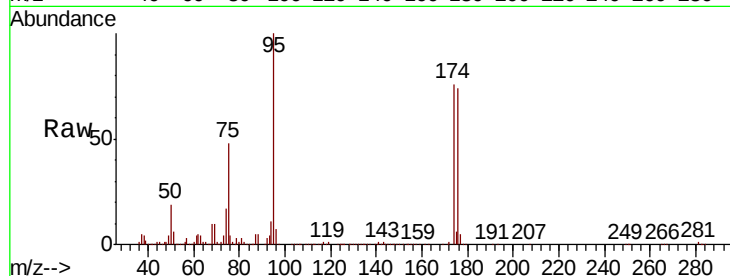
Tot Ion: 95 Resp: 407158

Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.4

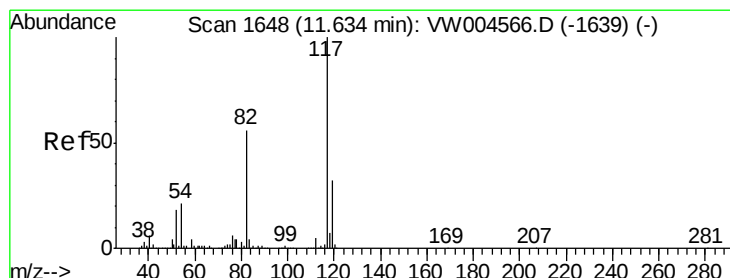
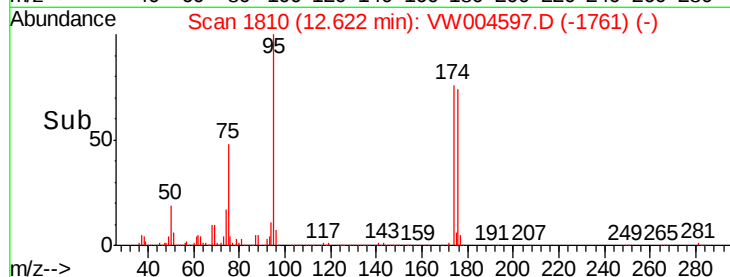
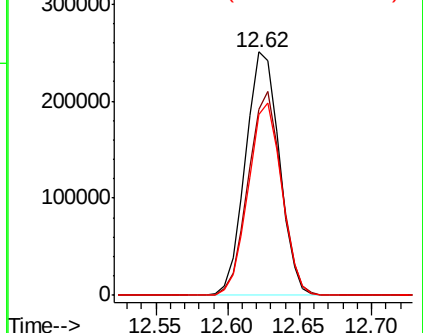
176 78.5 0.0 153.2



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# 1648

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

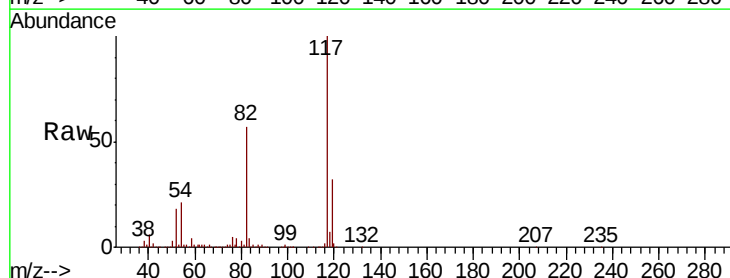
Tgt Ion: 117 Resp: 1145223

Ion Ratio Lower Upper

117 100

82 56.7 45.3 67.9

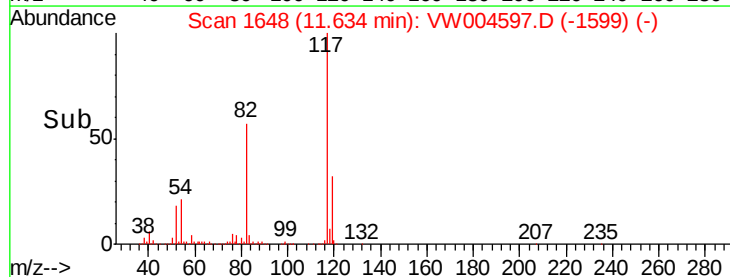
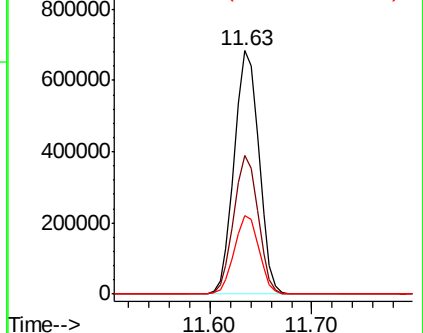
119 32.5 26.2 39.4

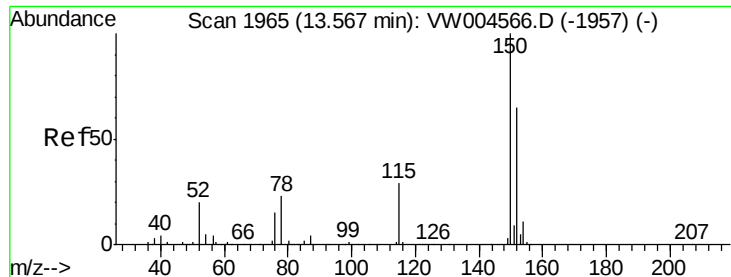


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1965

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

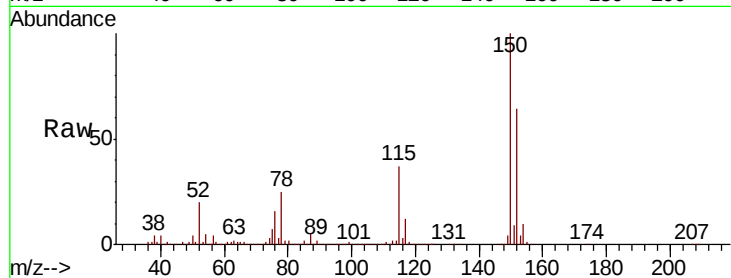
Tot Ion:152 Resp: 560359

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.1 0.0 349.6



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

