

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004581.D
 Acq On : 10 Aug 2018 05:00
 Operator : SY/AP
 Sample : J4382-01
 Misc : 13.60G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 10 08:03:57 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

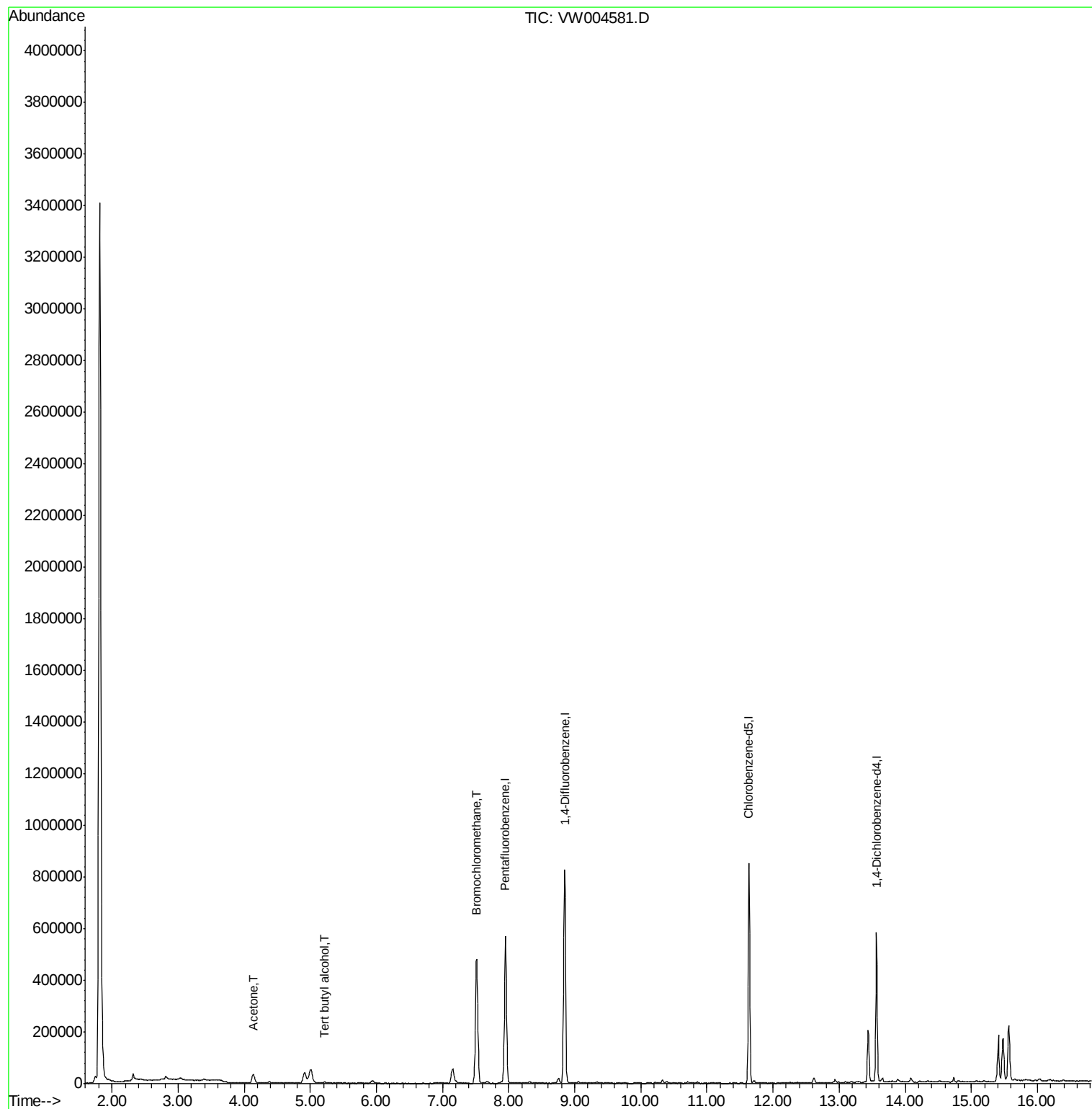
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	426013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	692277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3143	0.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.34%	
35) Dibromofluoromethane	7.88	113	3218	0.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.40%	
50) Toluene-d8	10.33	98	7933	0.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.90%	
62) 4-Bromofluorobenzene	12.62	95	2401	0.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.76%	
Target Compounds						
11) Tert butyl alcohol	5.21	59	6574	23.81	ug/l	96
16) Acetone	4.14	43	60692	51.53	ug/l	99
28) Bromochloromethane	7.51	49	295982	73.68	ug/l	98

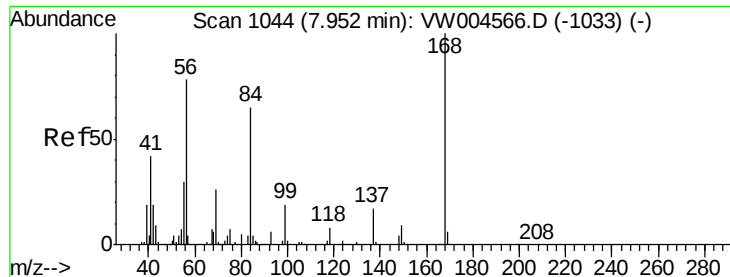
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

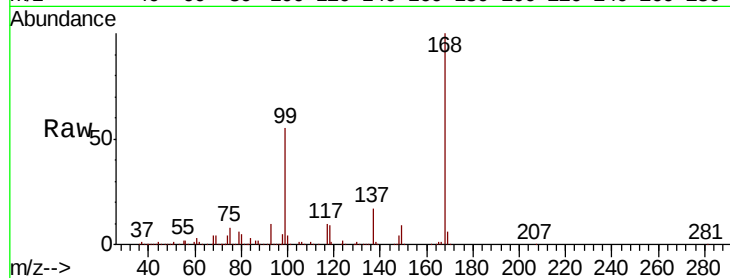
JTY-SB-05-5-7

Tot Ion:168 Resp: 426013

Ion Ratio Lower Upper

168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

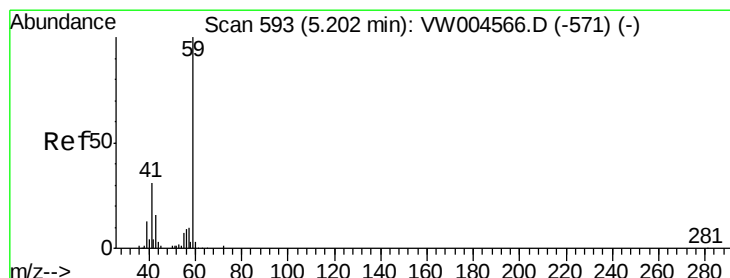
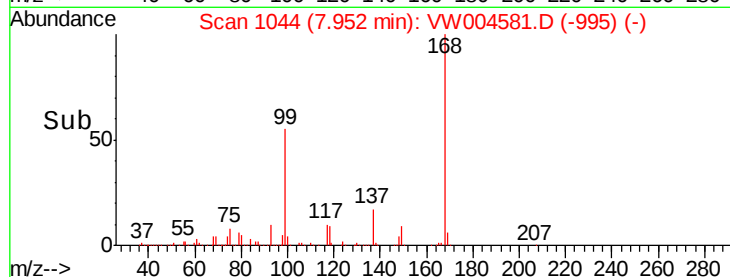
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 23.81 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004581.D

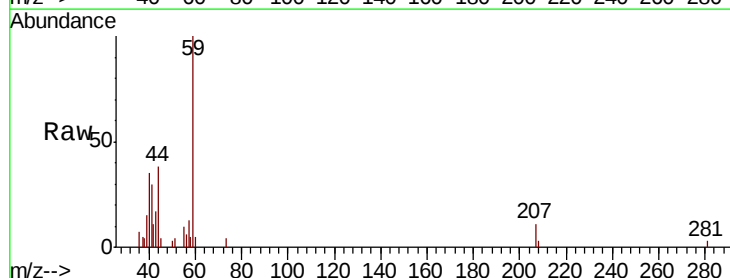
Acq: 10 Aug 2018 05:00

Tgt Ion: 59 Resp: 6574

Ion Ratio Lower Upper

59 100

57 10.0 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

2000

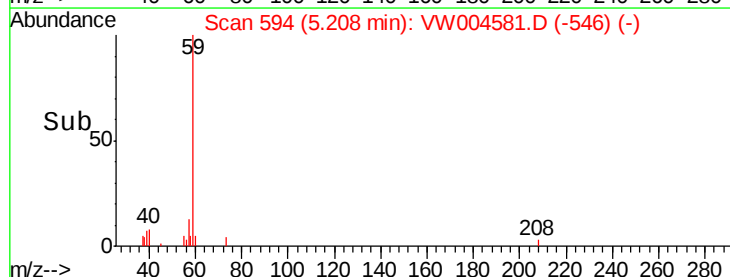
1500

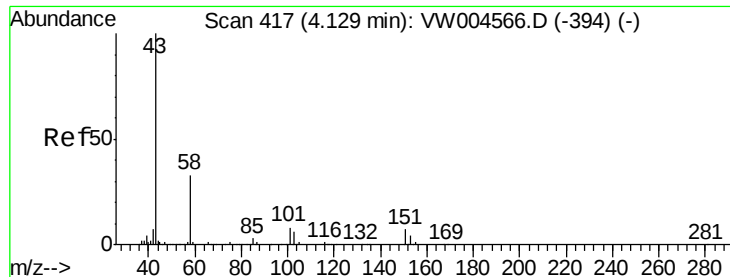
1000

500

0

Time-->





#16

Acetone

Concen: 51.53 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

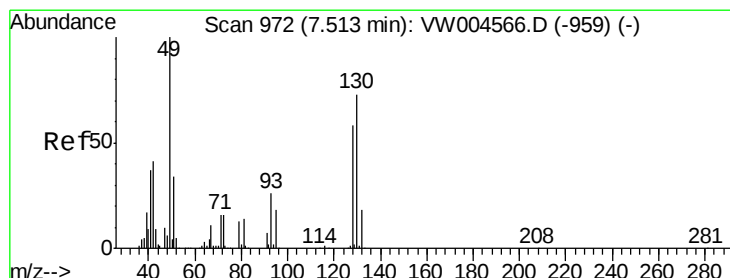
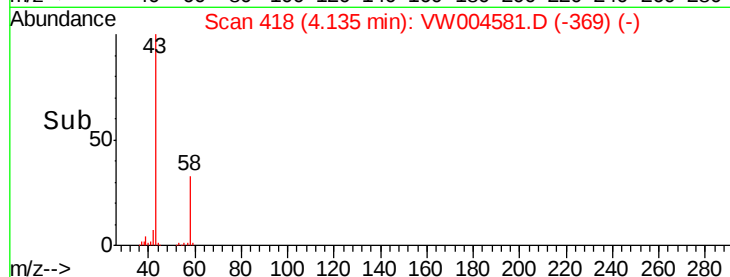
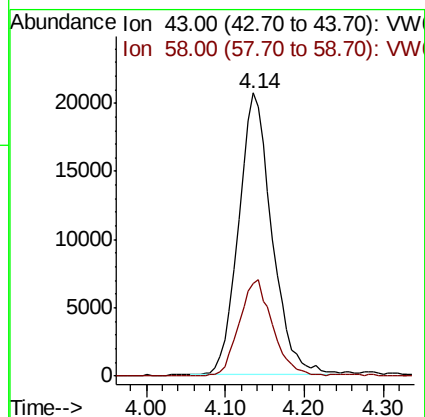
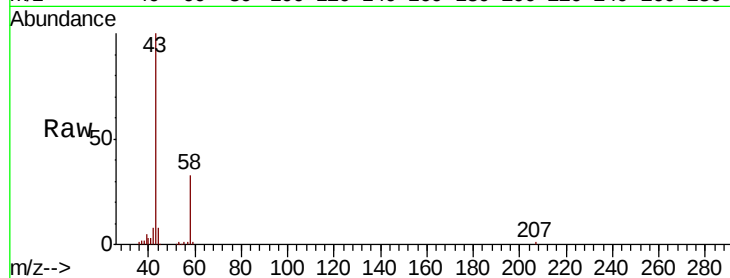
JTY-SB-05-5-7

Tot Ion: 43 Resp: 60692

Ion Ratio Lower Upper

43 100

58 33.1 26.8 40.2



#28

Bromochloromethane

Concen: 73.68 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

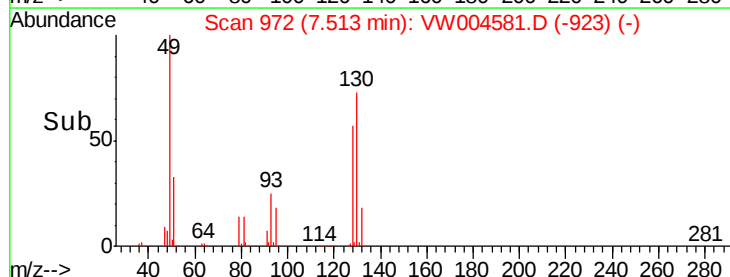
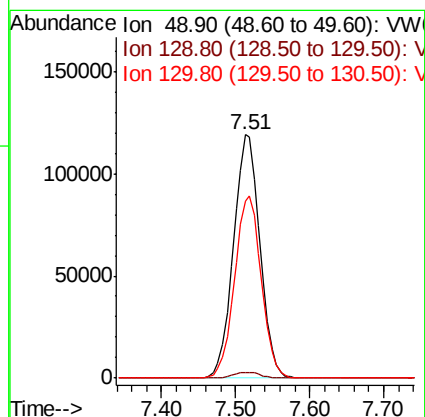
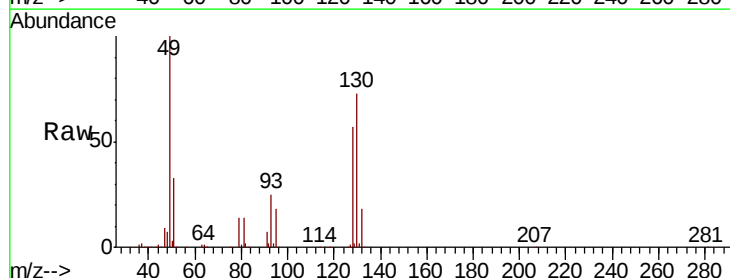
Tgt Ion: 49 Resp: 295982

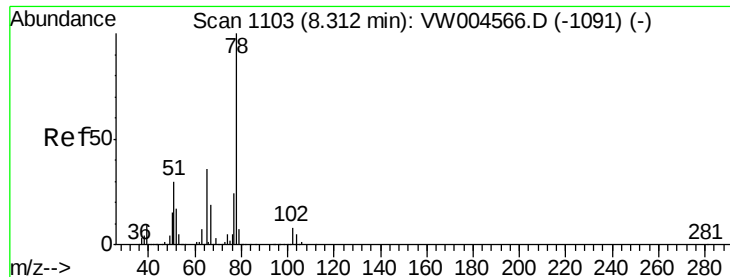
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.0

130 75.6 58.8 88.2

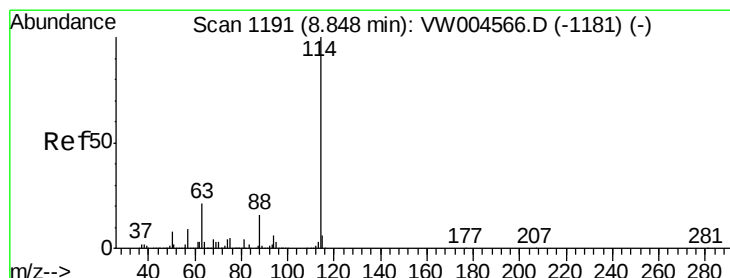
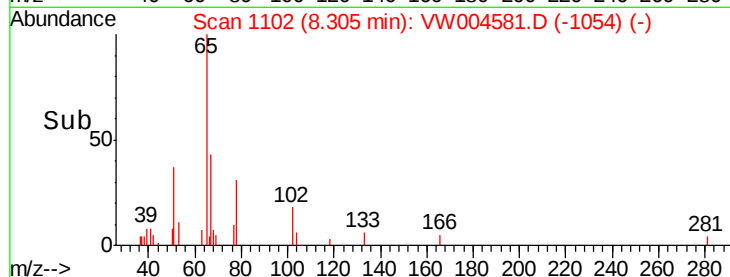
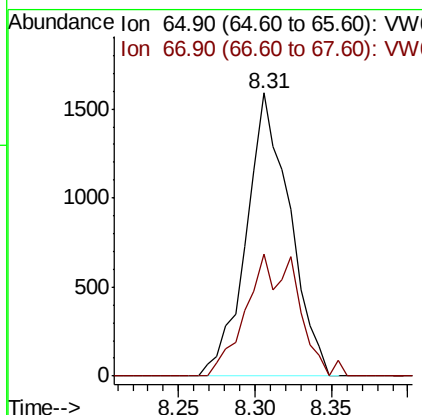
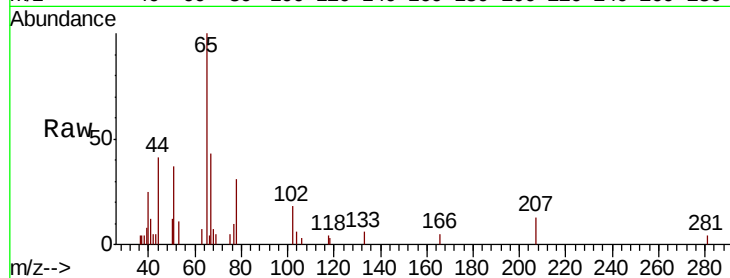




#33
 1,2-Dichloroethane-d4
 Concen: 0.67 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

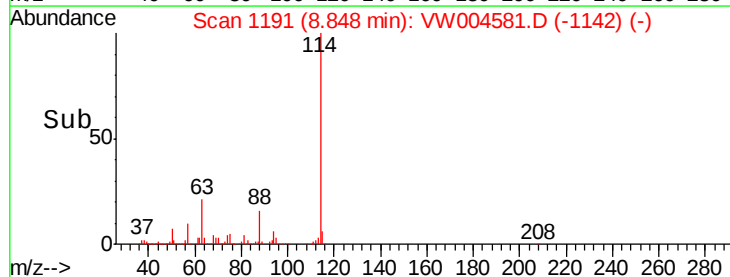
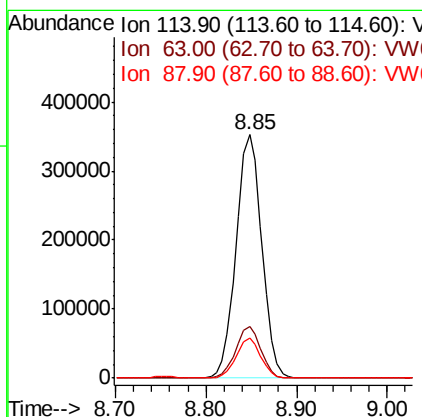
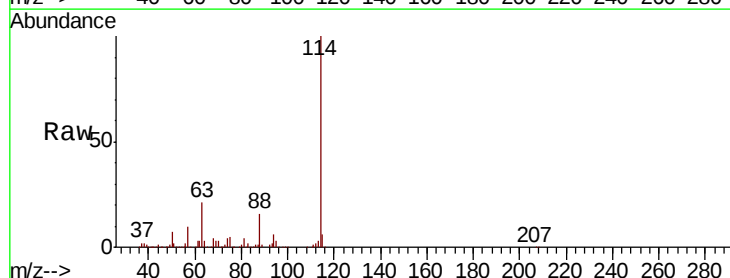
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

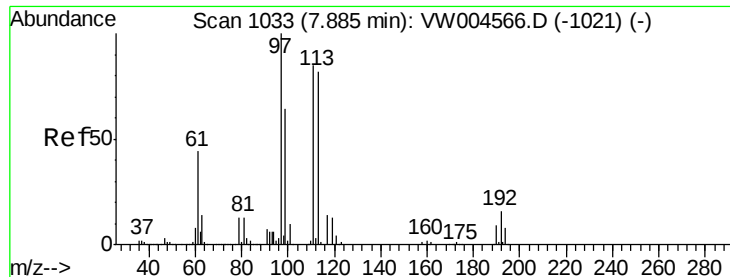
Tot Ion: 65 Resp: 3143
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

Tgt Ion: 114 Resp: 692277
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.3 0.0 31.2

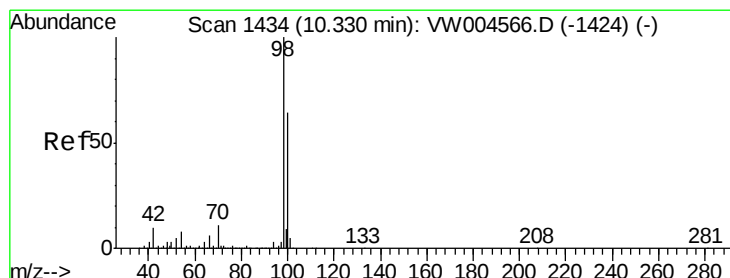
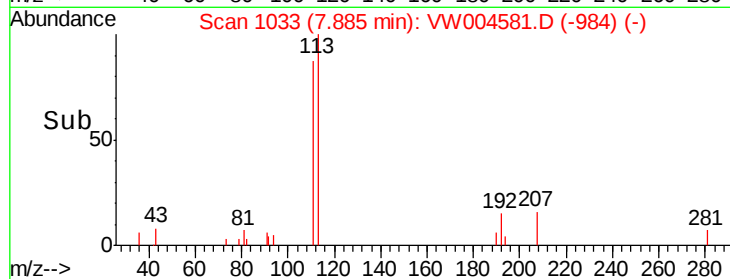
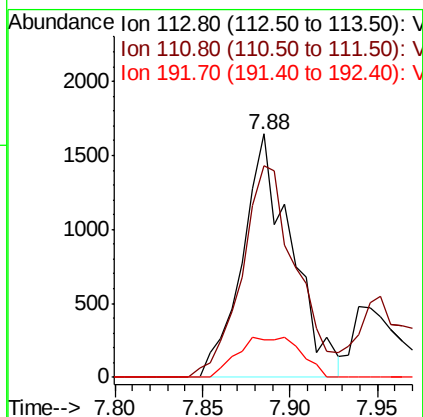
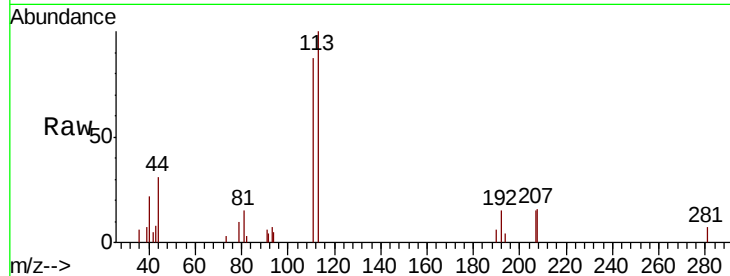




#35
 Dibromofluoromethane
 Concen: 0.70 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

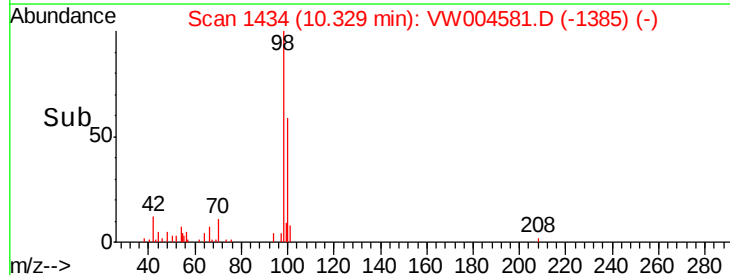
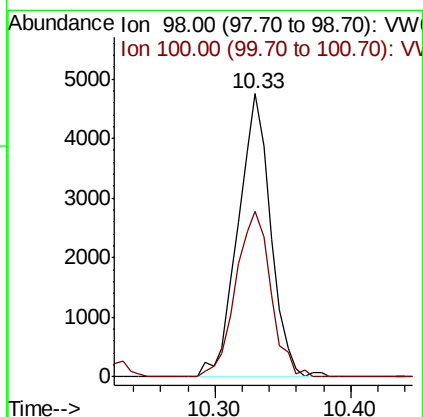
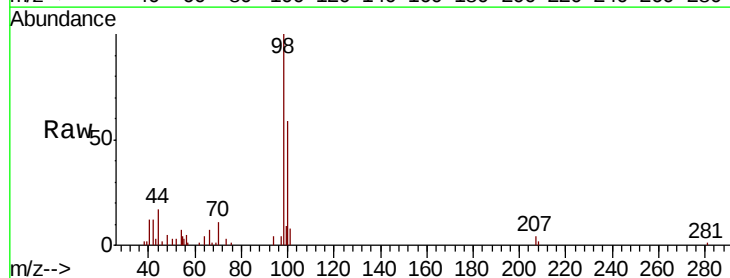
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

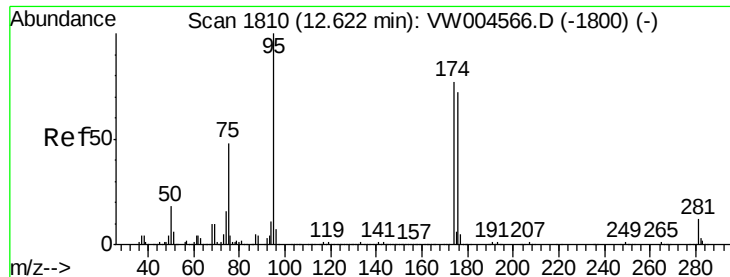
Tot Ion:113 Resp: 3218
 Ion Ratio Lower Upper
 113 100
 111 96.2 82.9 124.3
 192 21.1 15.8 23.6



#50
 Toluene-d8
 Concen: 0.45 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

Tgt Ion: 98 Resp: 7933
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 0.38 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

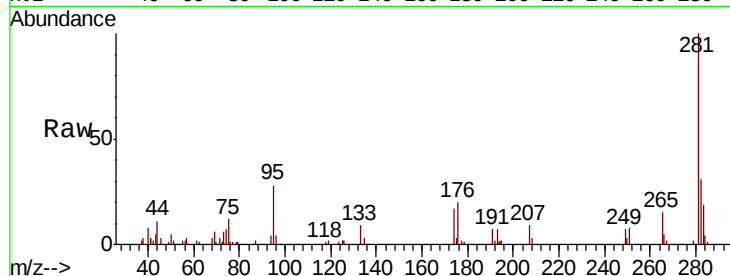
Tot Ion: 95 Resp: 2401

Ion Ratio Lower Upper

95 100

174 69.7 0.0 160.4

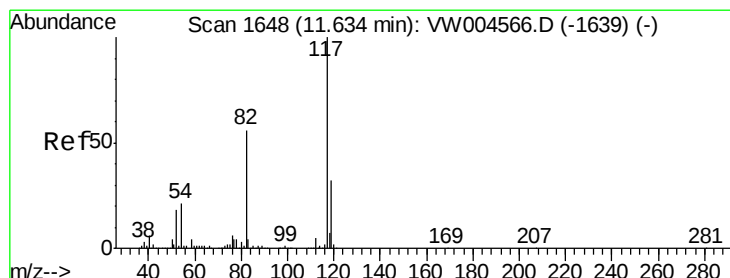
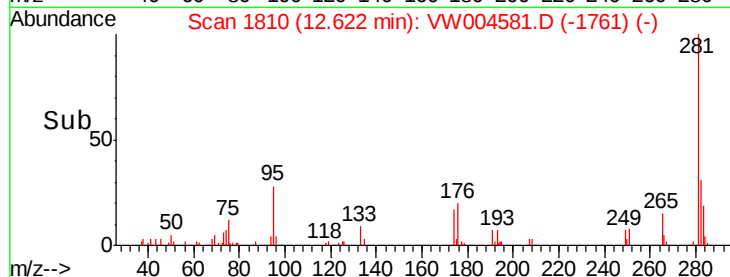
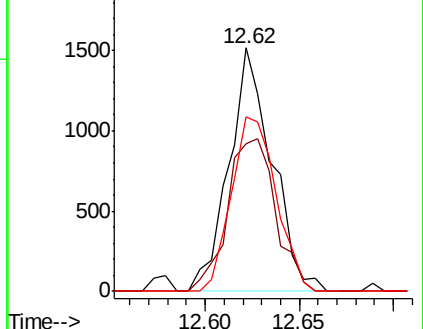
176 74.7 0.0 153.2



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: VW004581.D

Acq: 10 Aug 2018 05:00

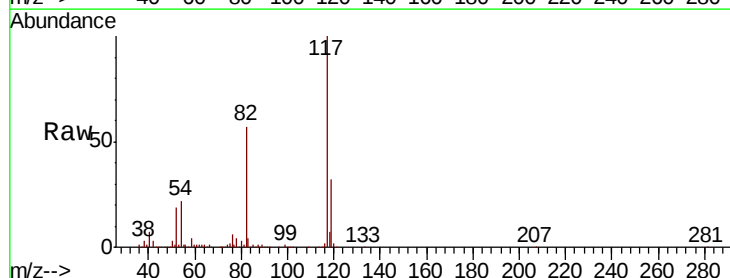
Tgt Ion: 117 Resp: 489672

Ion Ratio Lower Upper

117 100

82 56.5 45.3 67.9

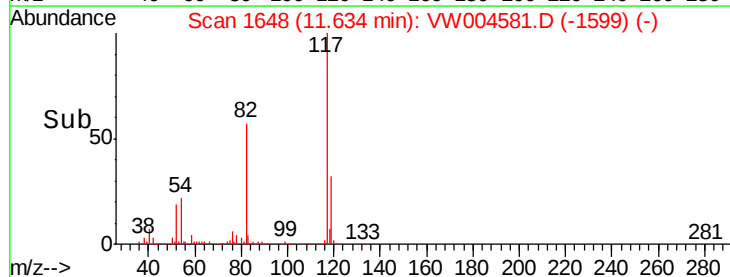
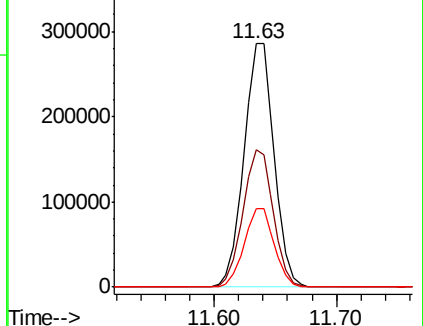
119 32.4 26.2 39.4

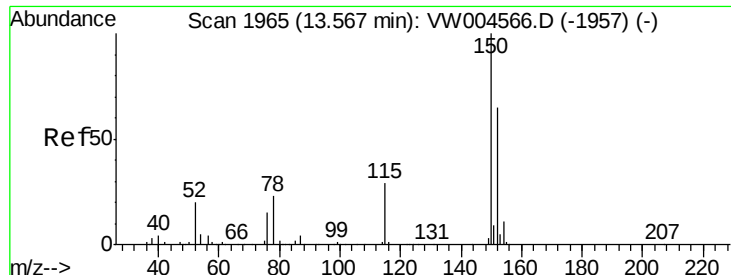


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

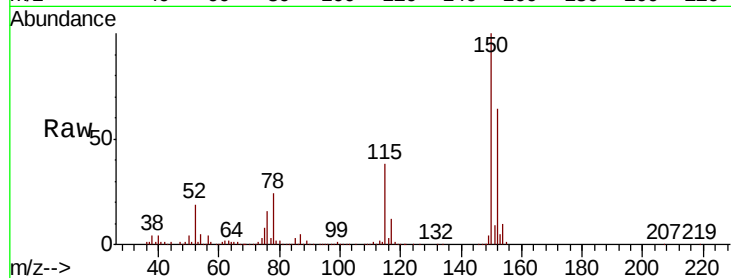
Tot Ion:152 Resp: 153135

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 155.9 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

