

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006201.D
 Acq On : 19 Oct 2018 04:21
 Operator : VA/AP
 Sample : J5202-05
 Misc : 5.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-C

Quant Time: Oct 19 08:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

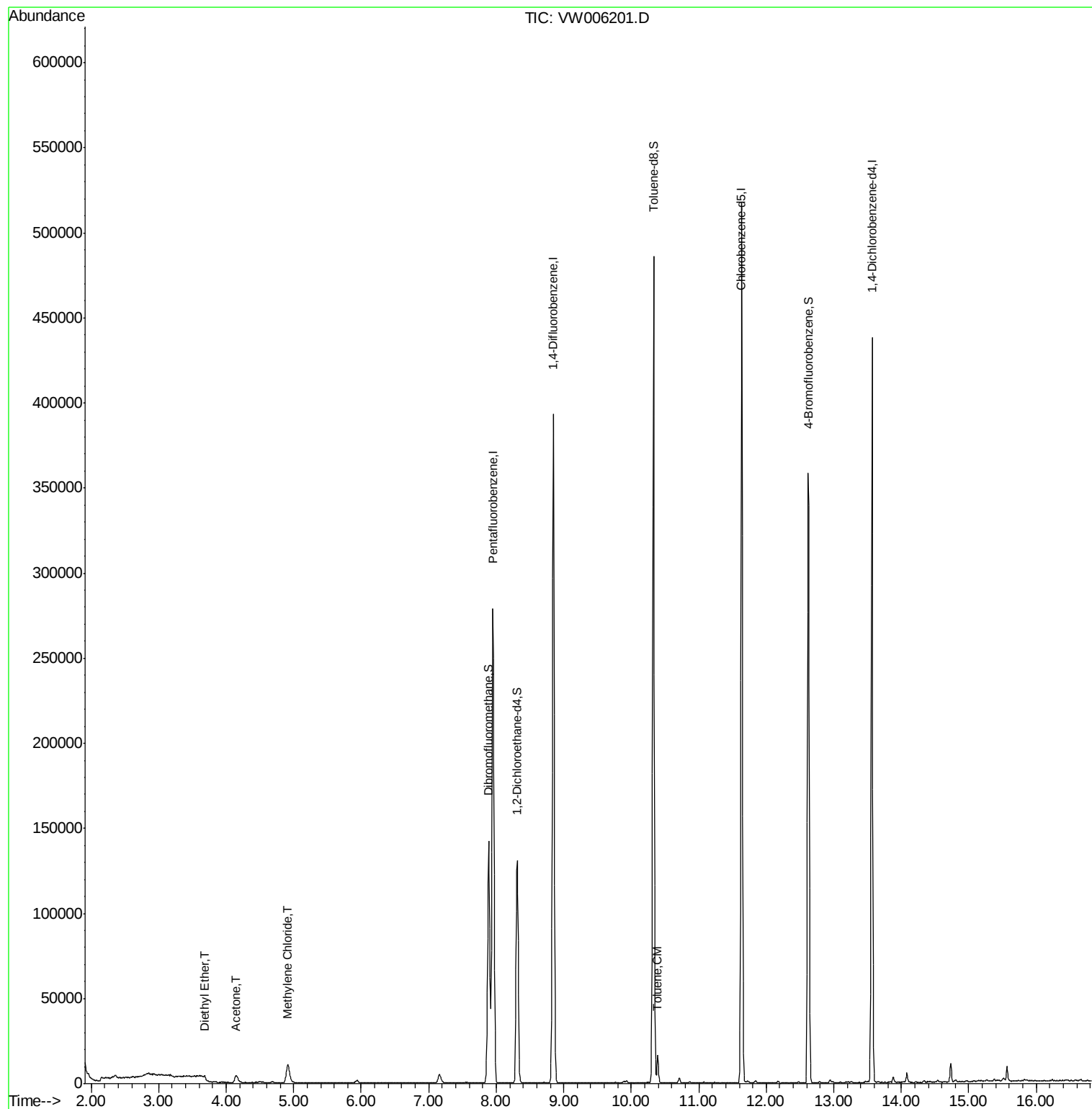
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103868	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	7.88	113	99555	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.33	98	334774	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
62) 4-Bromofluorobenzene	12.62	95	110617	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.28%	
Target Compounds						
8) Diethyl Ether	3.69	74	1863	1.83	ug/l	98
16) Acetone	4.15	43	8858	11.08	ug/l	96
20) Methylene Chloride	4.91	84	9604	3.33	ug/l	86
52) Toluene	10.39	92	6746	1.14	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

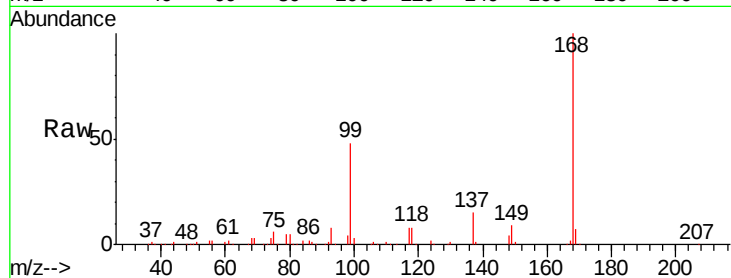
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Tgt Ion:168 Resp: 225734

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

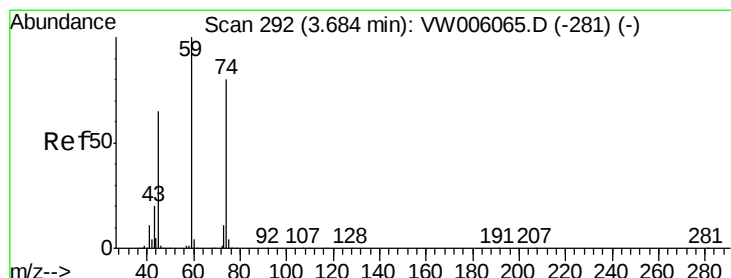
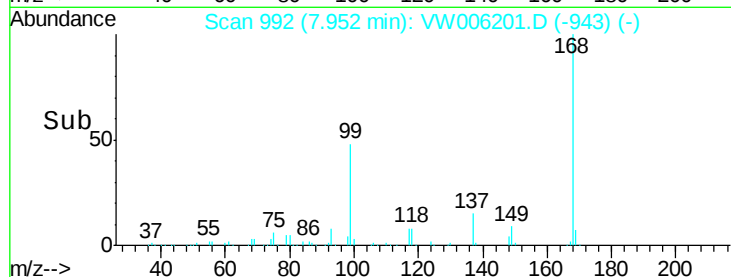
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.83 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006201.D

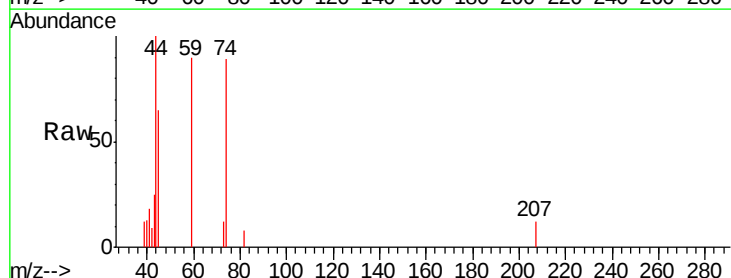
Acq: 19 Oct 2018 04:21

Tgt Ion: 74 Resp: 1863

Ion Ratio Lower Upper

74 100

45 87.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

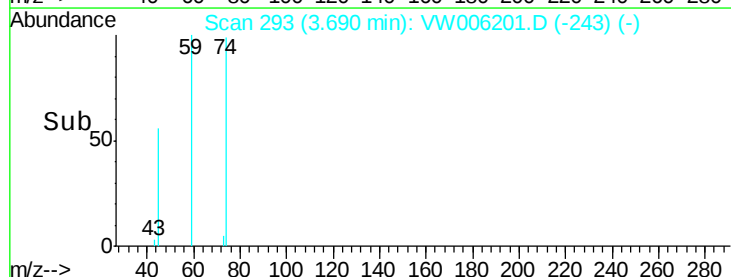
600

400

200

0

Time-->





#16

Acetone

Concen: 11.08 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

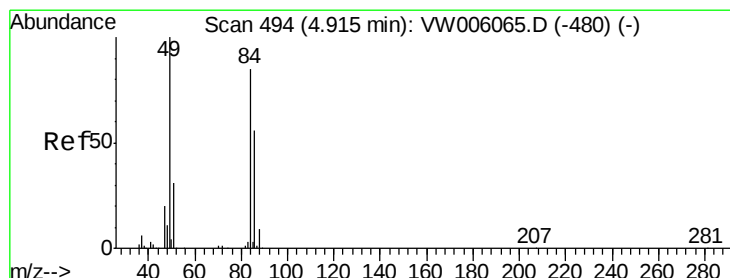
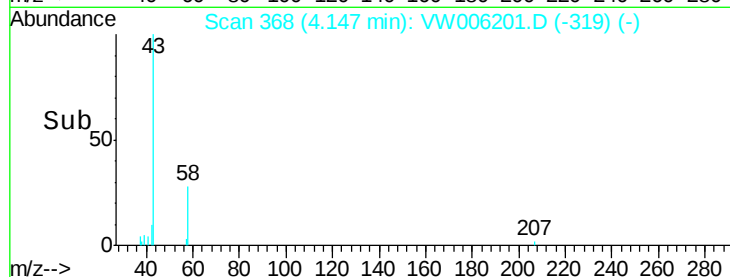
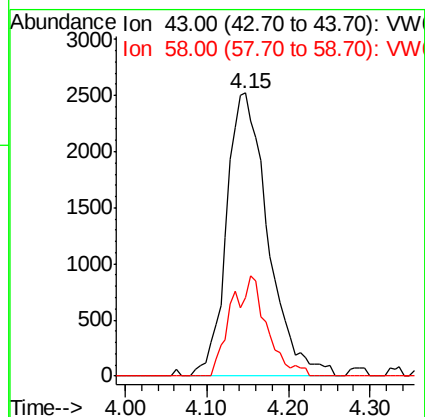
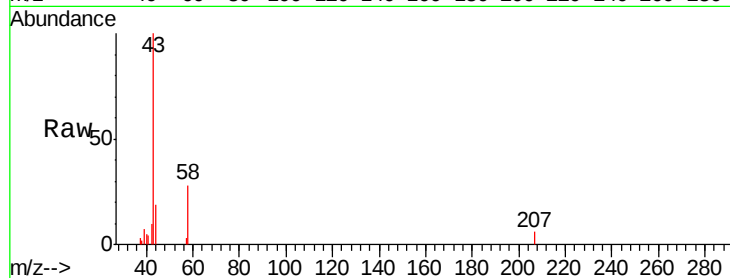
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Tgt Ion: 43 Resp: 8858

Ion Ratio Lower Upper

43 100

58 27.7 24.0 36.0



#20

Methylene Chloride

Concen: 3.33 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Tgt Ion: 84 Resp: 9604

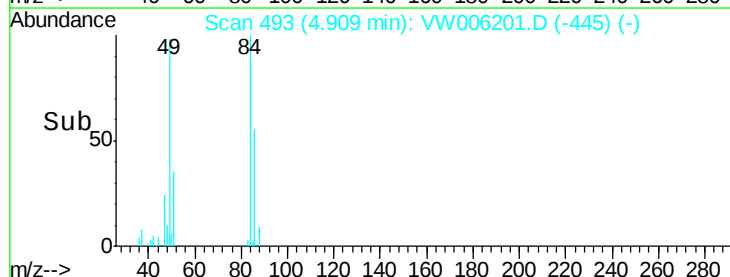
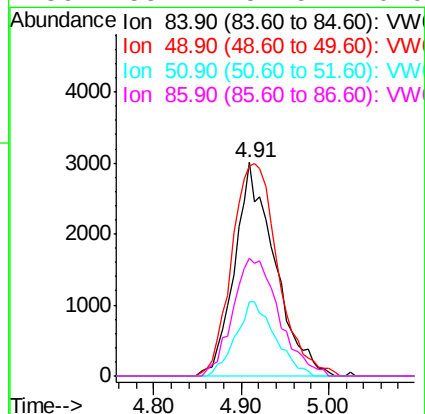
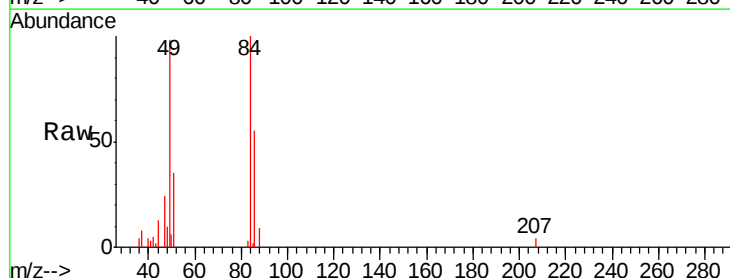
Ion Ratio Lower Upper

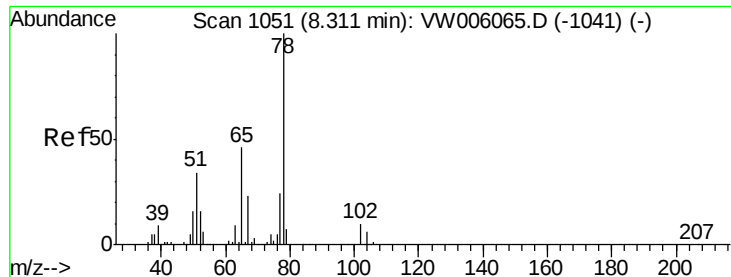
84 100

49 98.3 93.6 140.4

51 34.7 29.0 43.4

86 55.2 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 55.50 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

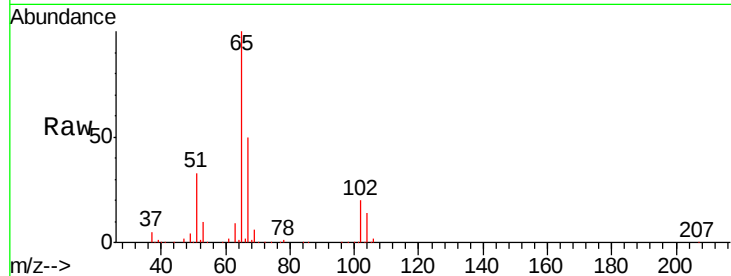
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Tgt Ion: 65 Resp: 103868

Ion Ratio Lower Upper

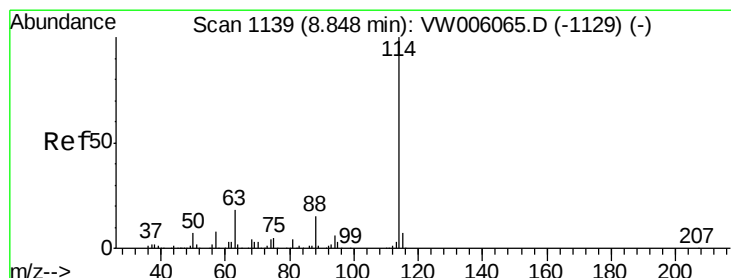
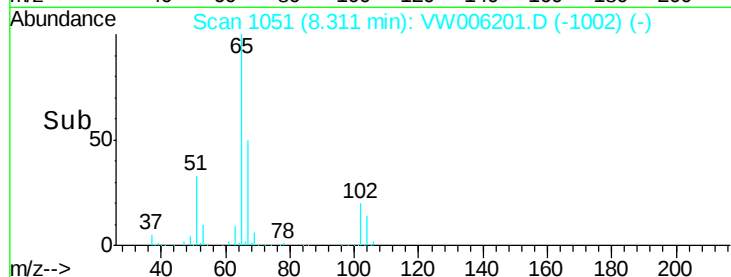
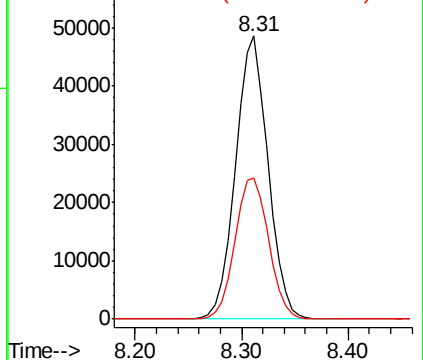
65 100

67 51.9 0.0 101.0



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# 1139

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

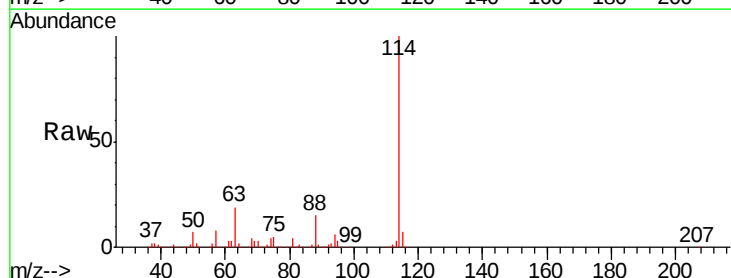
Tgt Ion: 114 Resp: 348064

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

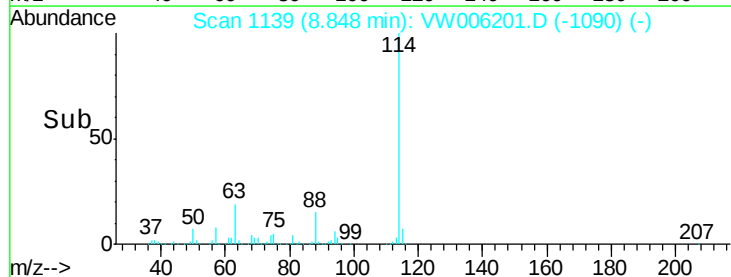
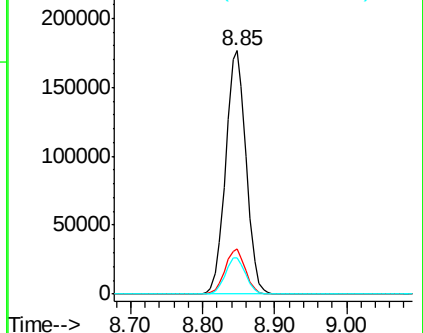
88 14.9 0.0 29.0



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

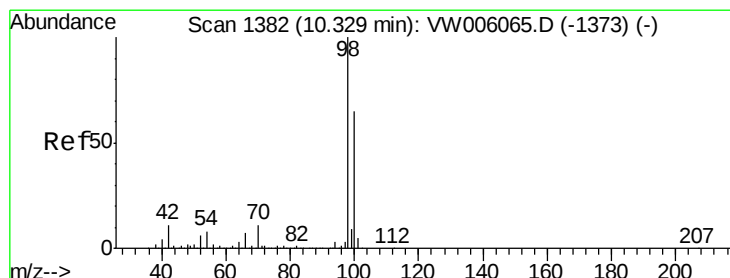
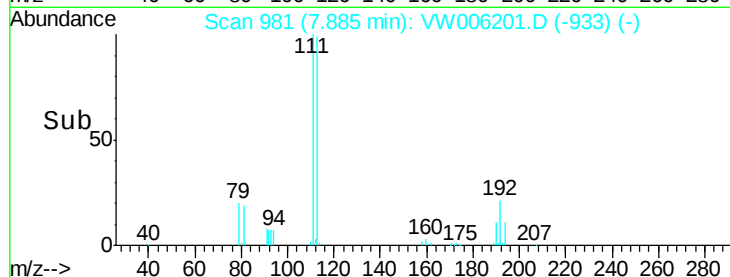
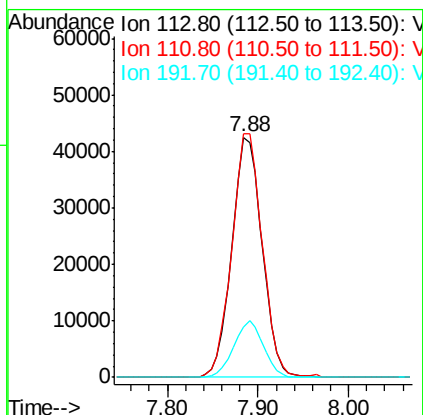
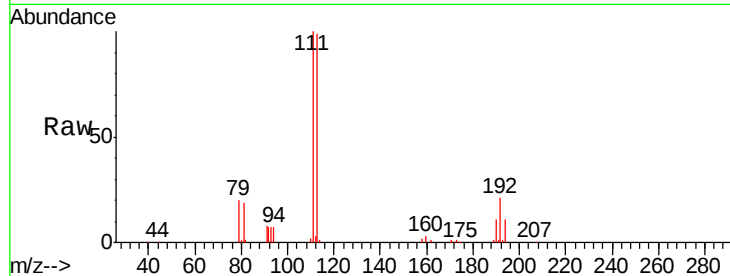




#35
 Dibromofluoromethane
 Concen: 48.41 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

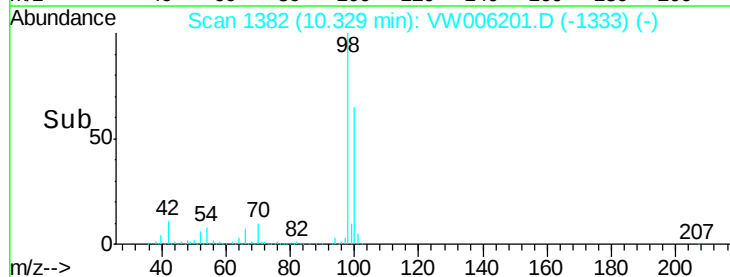
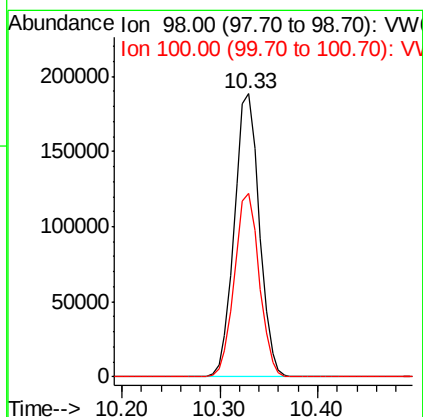
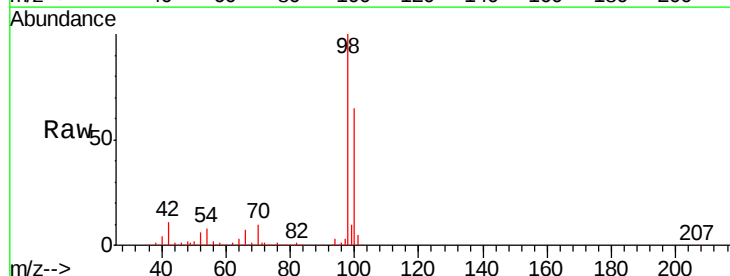
Instrument :
 MSVOA_W
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 PL-03-101718-C

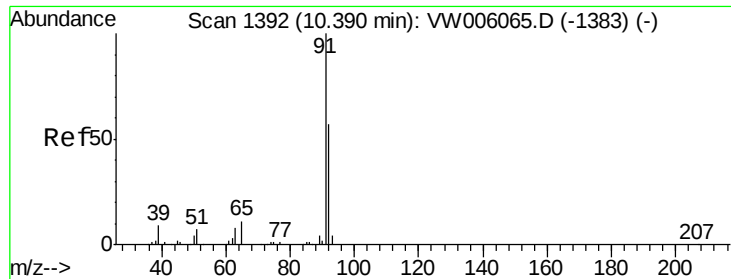
Tgt Ion:113 Resp: 99555
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.0
 192 22.9 18.7 28.1



#50
 Toluene-d8
 Concen: 42.78 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

Tgt Ion: 98 Resp: 334774
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4





#52

Toluene

Concen: 1.14 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

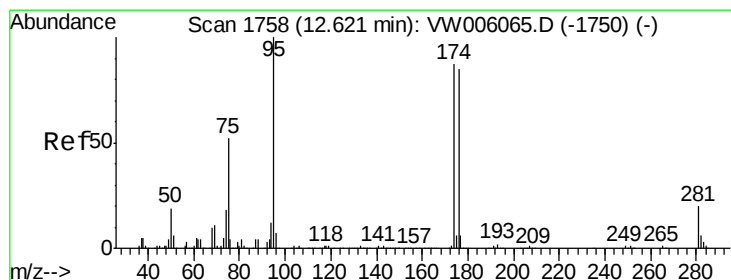
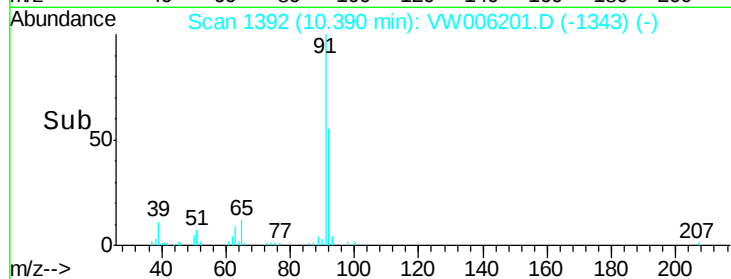
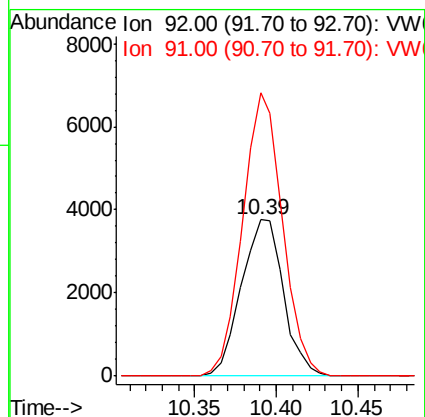
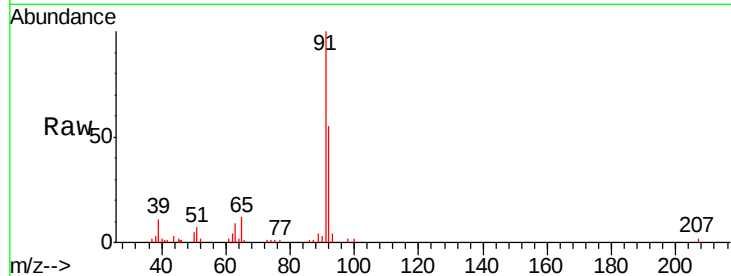
PL-03-101718-C

Tgt Ion: 92 Resp: 6746

Ion Ratio Lower Upper

92 100

91 171.2 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 37.64 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

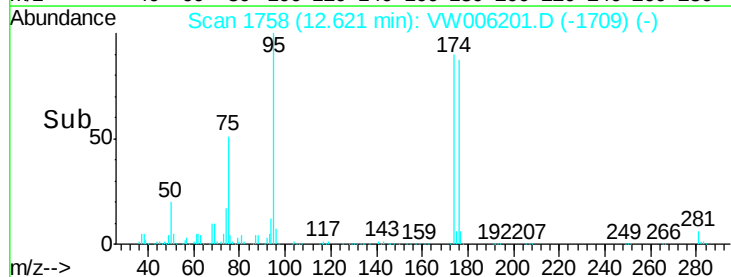
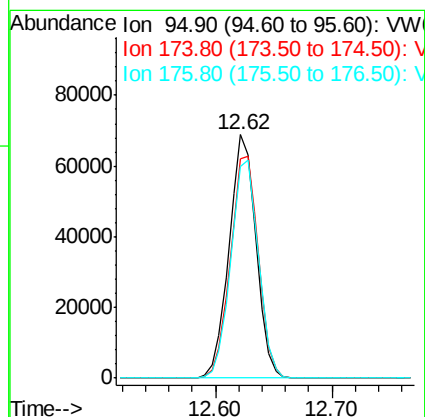
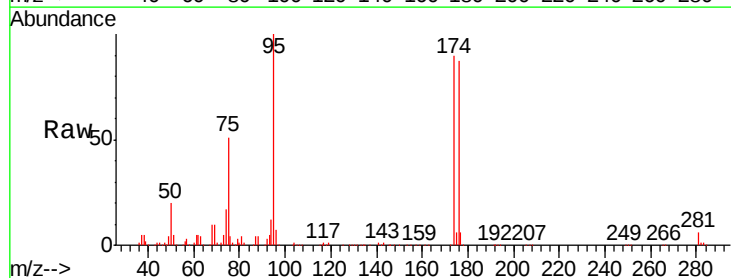
Tgt Ion: 95 Resp: 110617

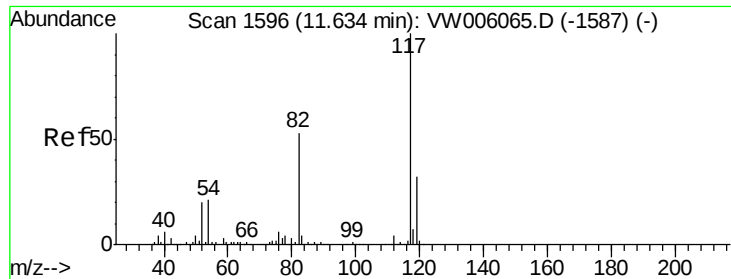
Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

176 92.0 0.0 181.6

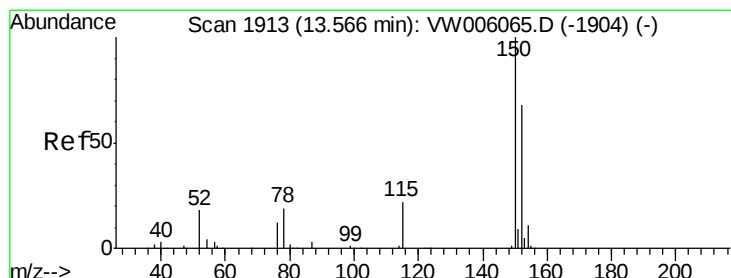
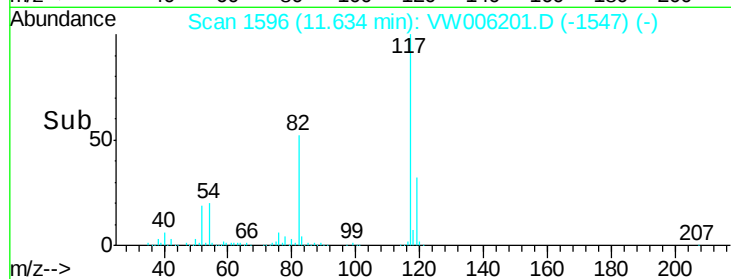
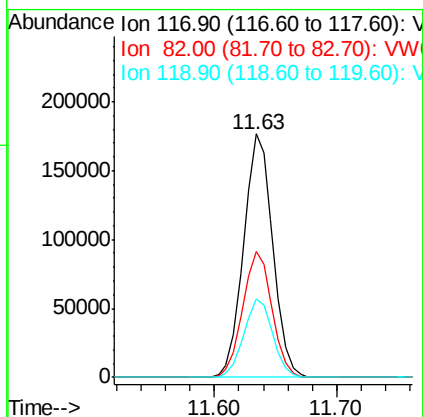
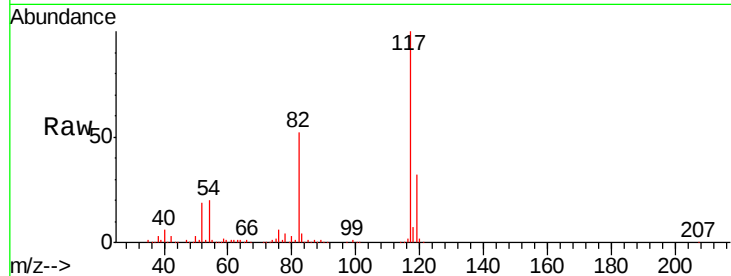




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
PL-03-101718-C

Tgt Ion:117 Resp: 291711
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

Tgt Ion:152 Resp: 122432
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 155.5 0.0 349.2

