

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006214.D
 Acq On : 19 Oct 2018 09:57
 Operator : VA/AP
 Sample : J5202-05RE
 Misc : 6.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Oct 19 14:32:28 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

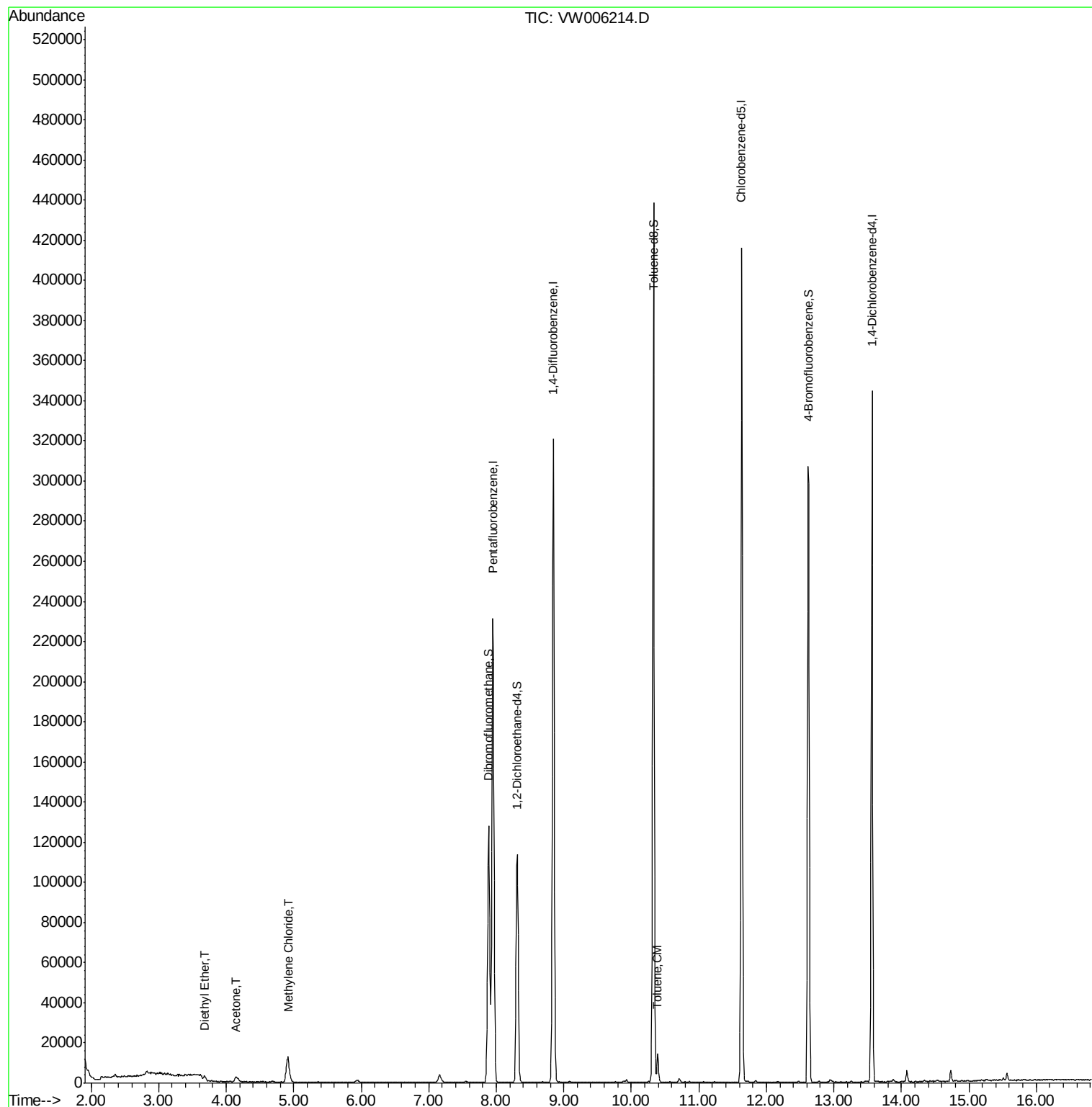
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91302	58.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.86%	
35) Dibromofluoromethane	7.89	113	89430	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.33	98	299159	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.62	95	96318	39.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.26%	
Target Compounds						
8) Diethyl Ether	3.67	74	1493	1.76	ug/l	Qvalue 87
16) Acetone	4.15	43	5579	4.49	ug/l	100
20) Methylene Chloride	4.92	84	10282	4.75	ug/l	93
52) Toluene	10.39	92	6152	1.26	ug/l	96

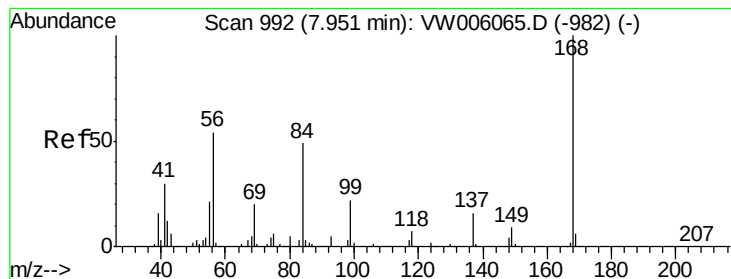
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006214.D

Acq: 19 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

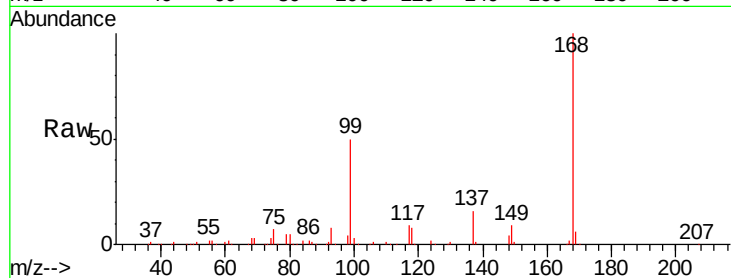
PL-03-101718-CRE

Tgt Ion:168 Resp: 188490

Ion Ratio Lower Upper

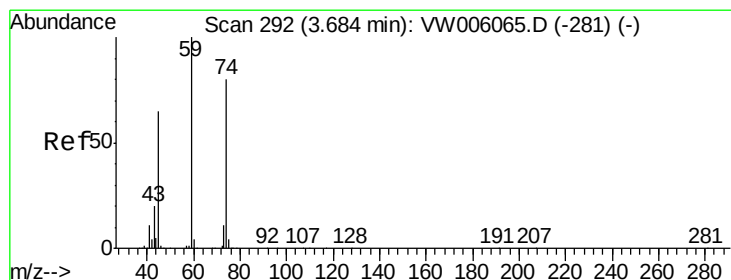
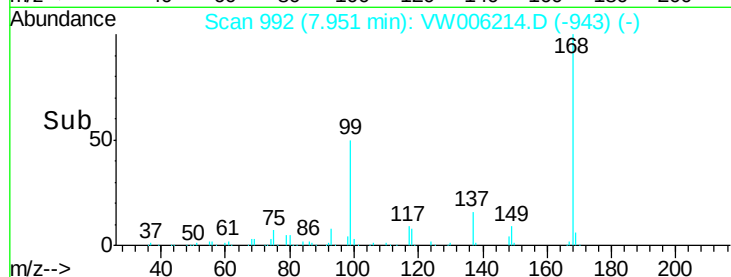
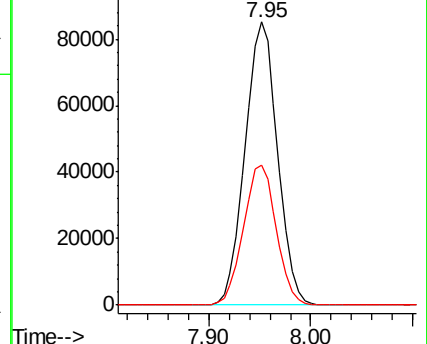
168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.76 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006214.D

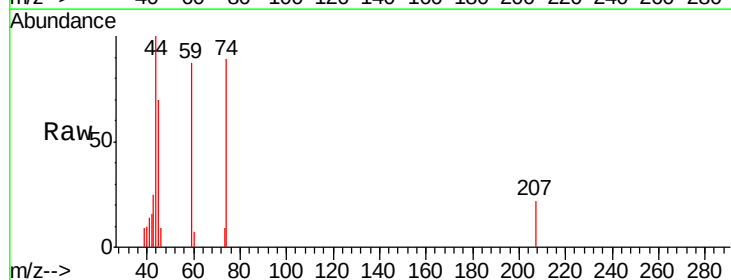
Acq: 19 Oct 2018 09:57

Tgt Ion: 74 Resp: 1493

Ion Ratio Lower Upper

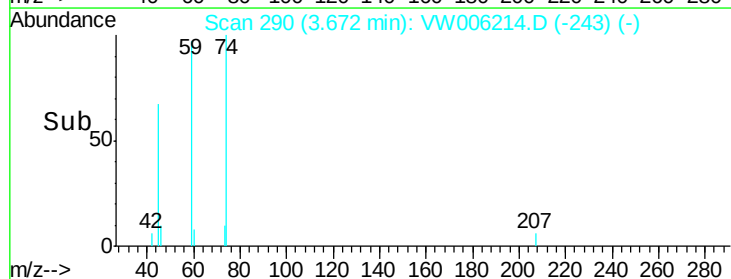
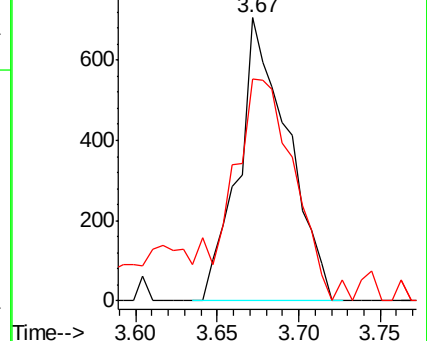
74 100

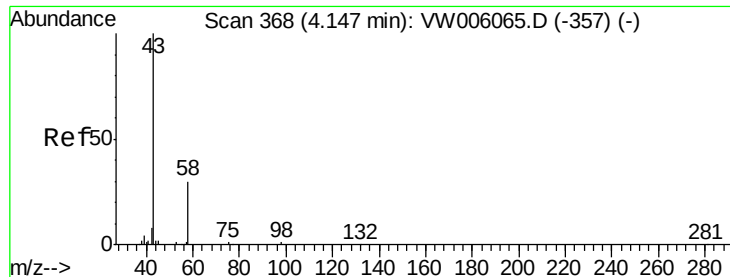
45 97.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 4.49 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006214.D

Acq: 19 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

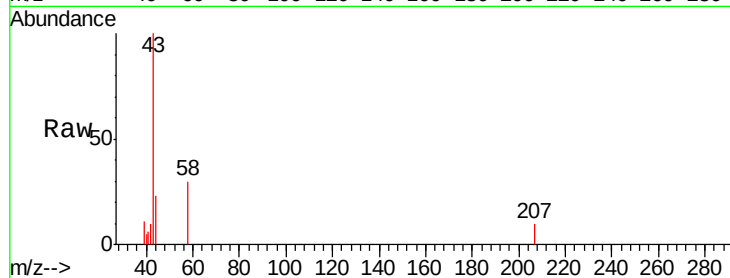
PL-03-101718-CRE

Tgt Ion: 43 Resp: 5579

Ion Ratio Lower Upper

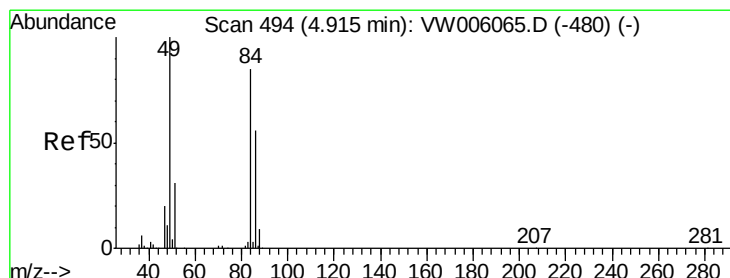
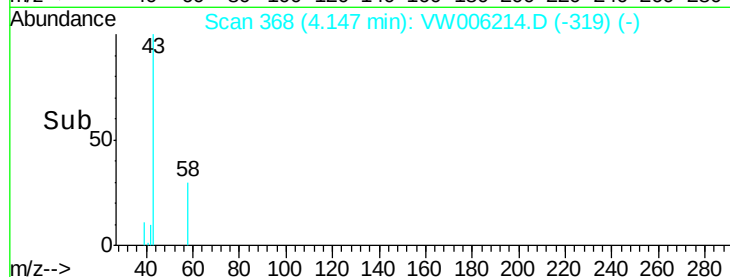
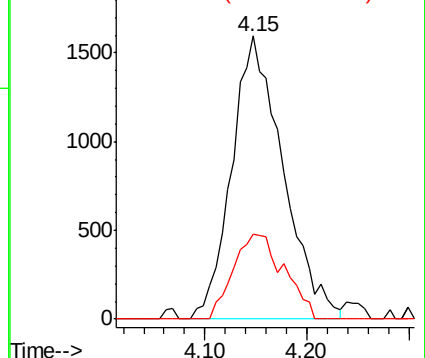
43 100

58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.75 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006214.D

Acq: 19 Oct 2018 09:57

Tgt Ion: 84 Resp: 10282

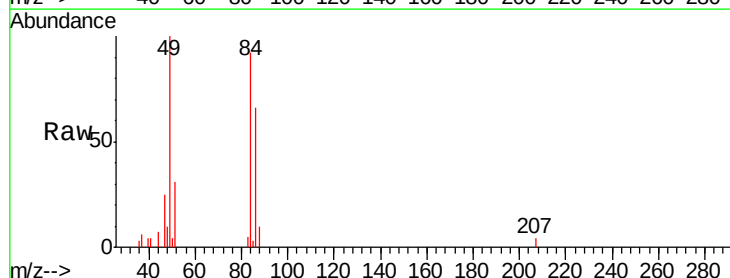
Ion Ratio Lower Upper

84 100

49 109.1 93.6 140.4

51 34.1 29.0 43.4

86 71.6 52.6 79.0

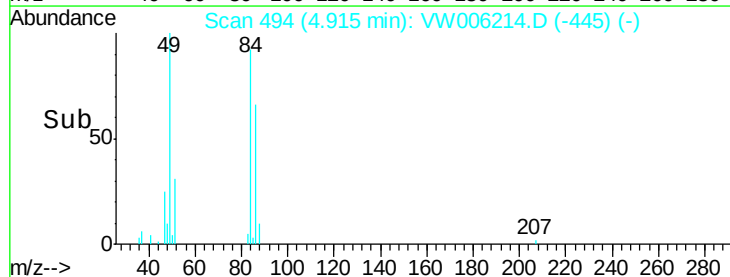
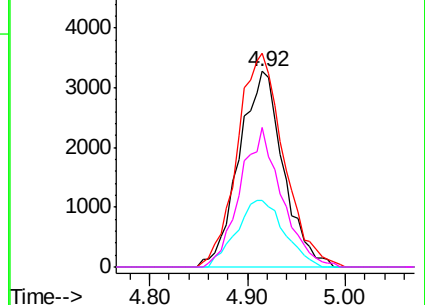


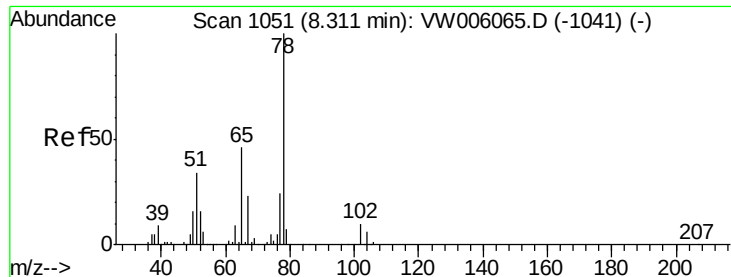
Abundance Ion 83.90 (83.60 to 84.60): VW

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

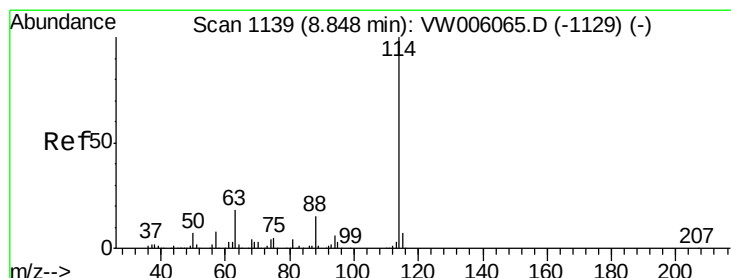
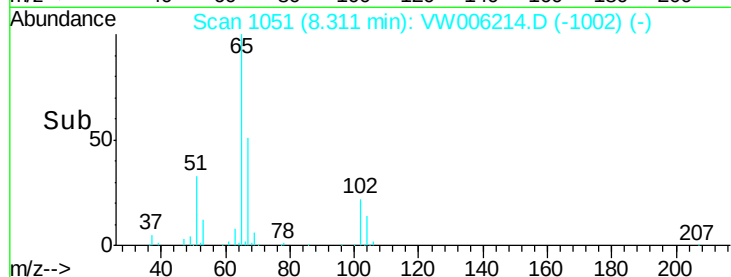
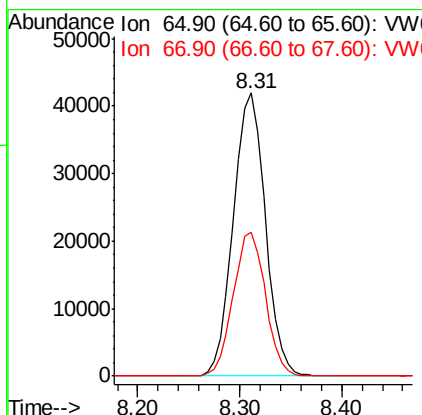
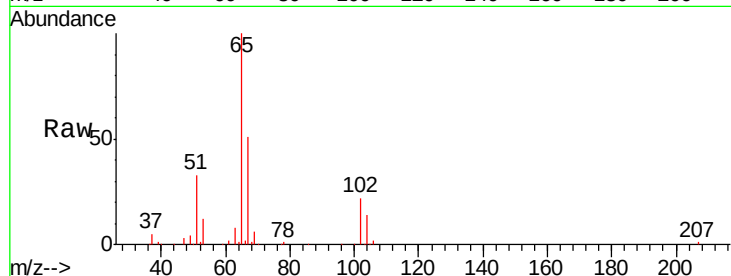




#33
 1,2-Dichloroethane-d4
 Concen: 58.43 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006214.D
 Acq: 19 Oct 2018 09:57

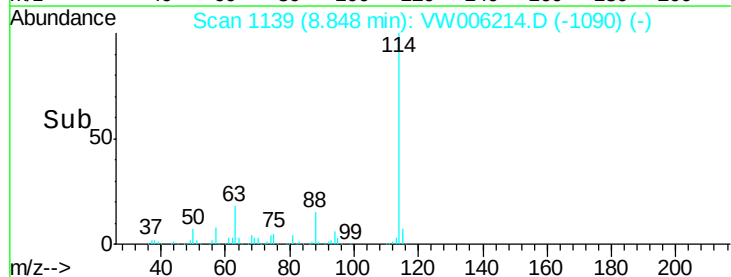
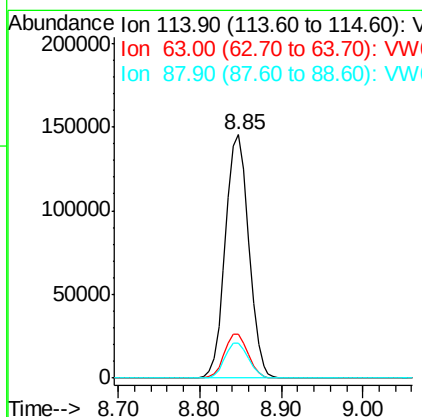
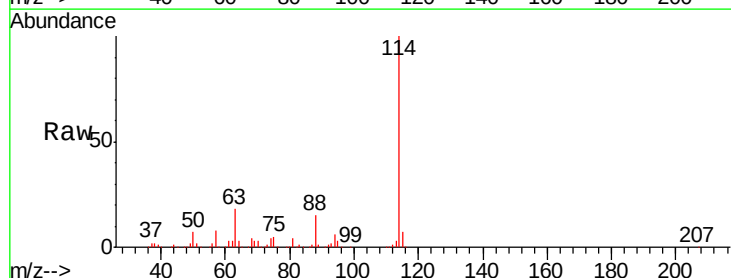
Instrument :
 MSVOA_W
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 PL-03-101718-CRE

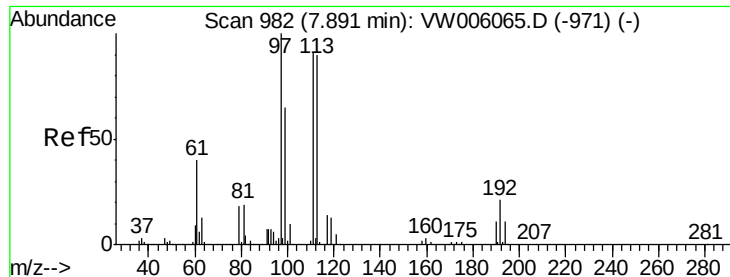
Tgt Ion: 65 Resp: 91302
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006214.D
 Acq: 19 Oct 2018 09:57

Tgt Ion: 114 Resp: 287841
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 14.5 0.0 29.0

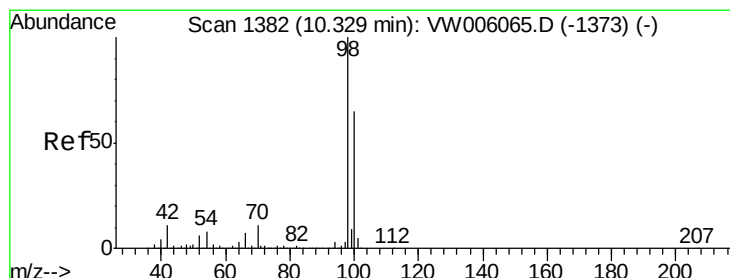
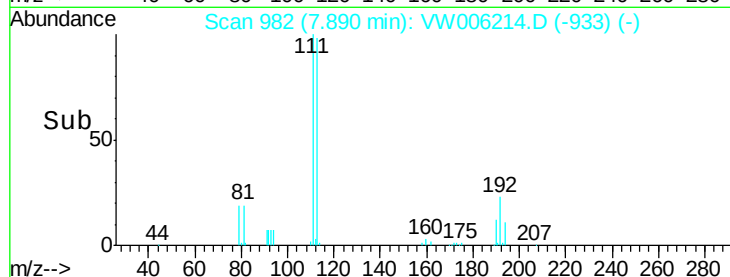
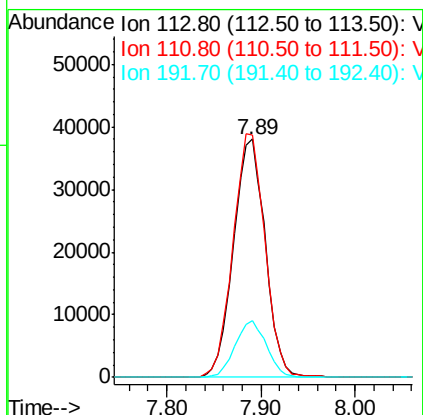
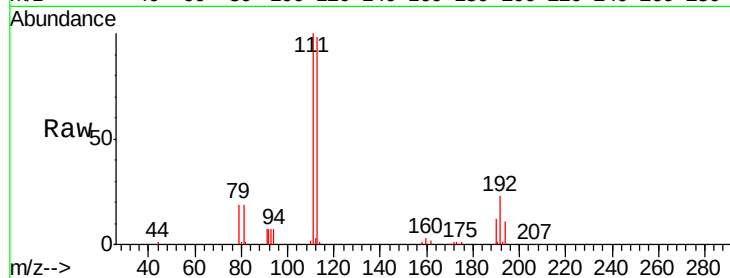




#35
 Dibromofluoromethane
 Concen: 52.58 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006214.D
 Acq: 19 Oct 2018 09:57

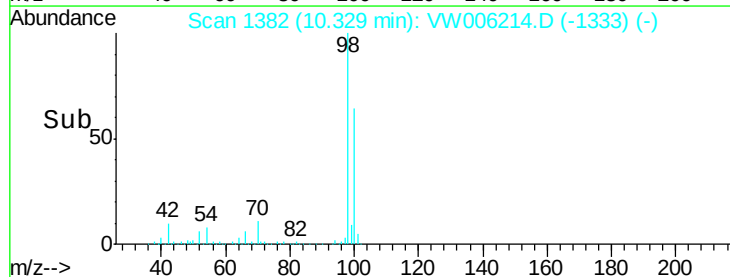
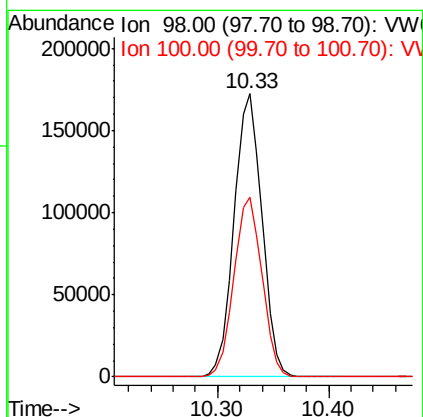
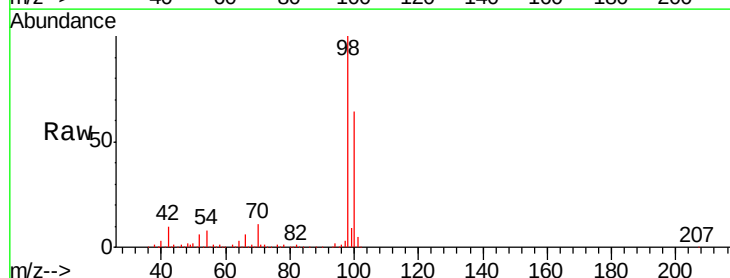
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-CRE

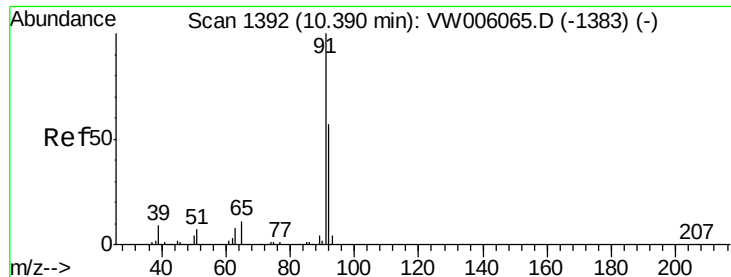
Tgt Ion:113 Resp: 89430
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.3 18.7 28.1



#50
 Toluene-d8
 Concen: 46.23 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006214.D
 Acq: 19 Oct 2018 09:57

Tgt Ion: 98 Resp: 299159
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.6 77.4





#52

Toluene

Concen: 1.26 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006214.D

Acq: 19 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

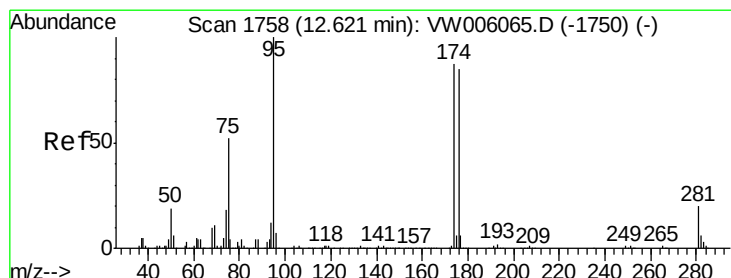
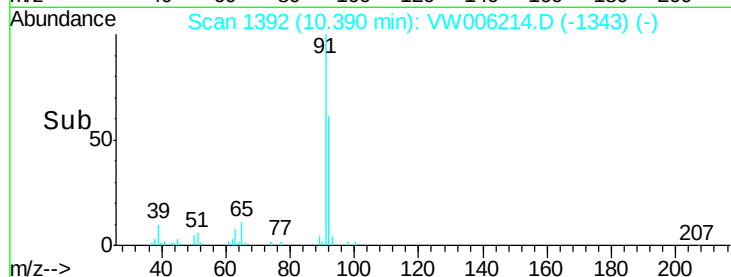
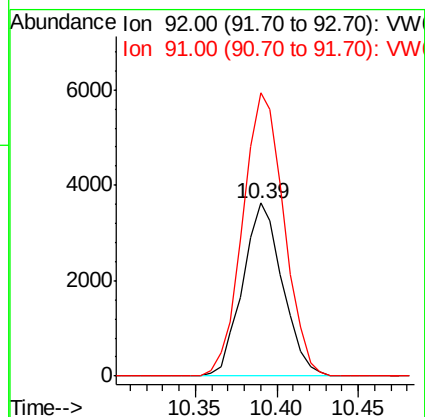
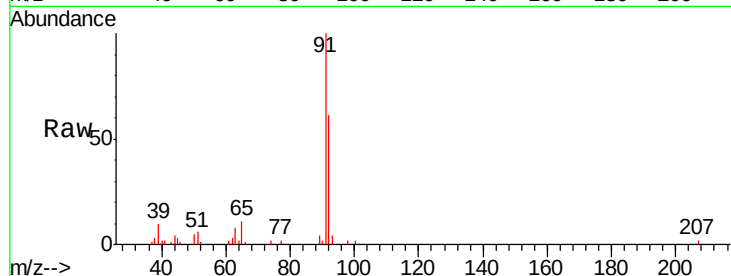
PL-03-101718-CRE

Tgt Ion: 92 Resp: 6152

Ion Ratio Lower Upper

92 100

91 169.6 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 39.63 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006214.D

Acq: 19 Oct 2018 09:57

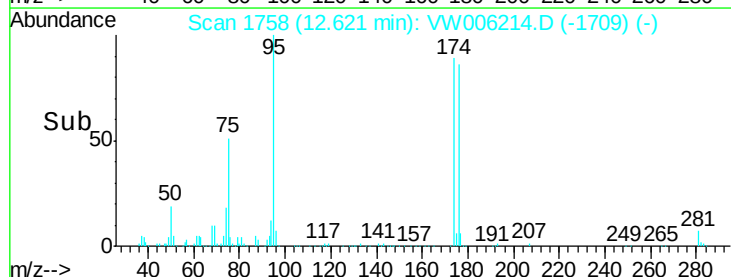
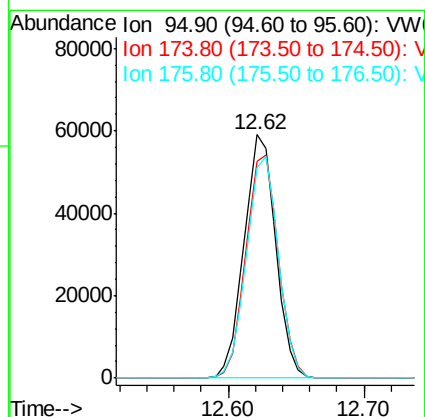
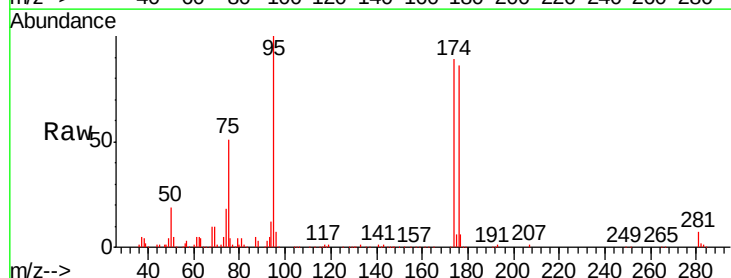
Tgt Ion: 95 Resp: 96318

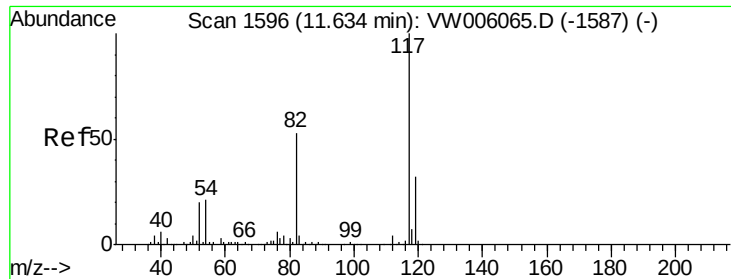
Ion Ratio Lower Upper

95 100

174 94.2 0.0 186.0

176 92.3 0.0 181.6

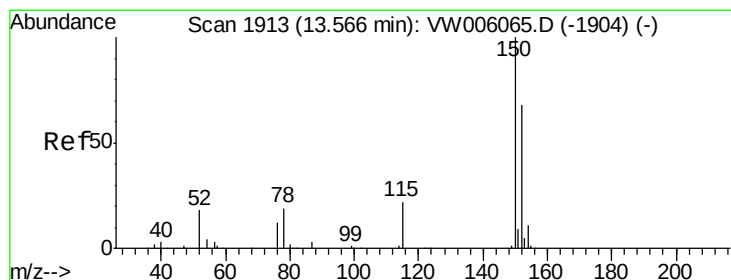
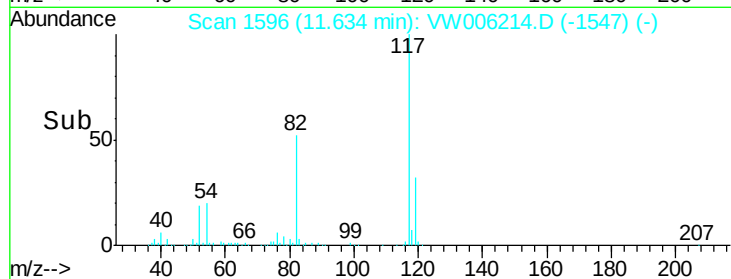
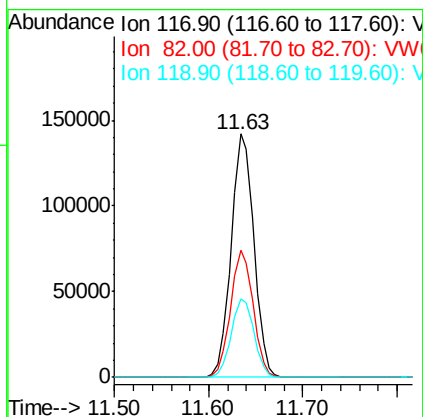
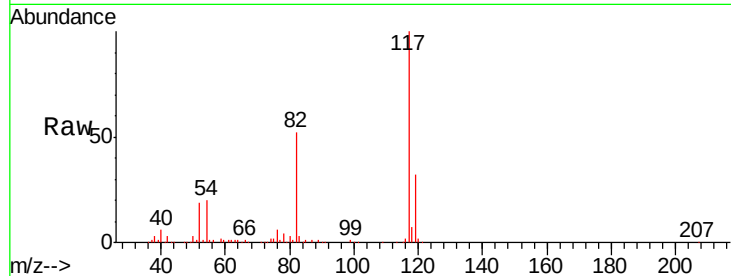




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006214.D
Acq: 19 Oct 2018 09:57

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.4	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: VW006214.D
Acq: 19 Oct 2018 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.8	83.3
150	156.3	0.0	349.2

