

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006056.D
 Acq On : 12 Oct 2018 19:29
 Operator : VA/AP
 Sample : J5198-11RE
 Misc : 5.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-ARE

Quant Time: Oct 13 02:19:33 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

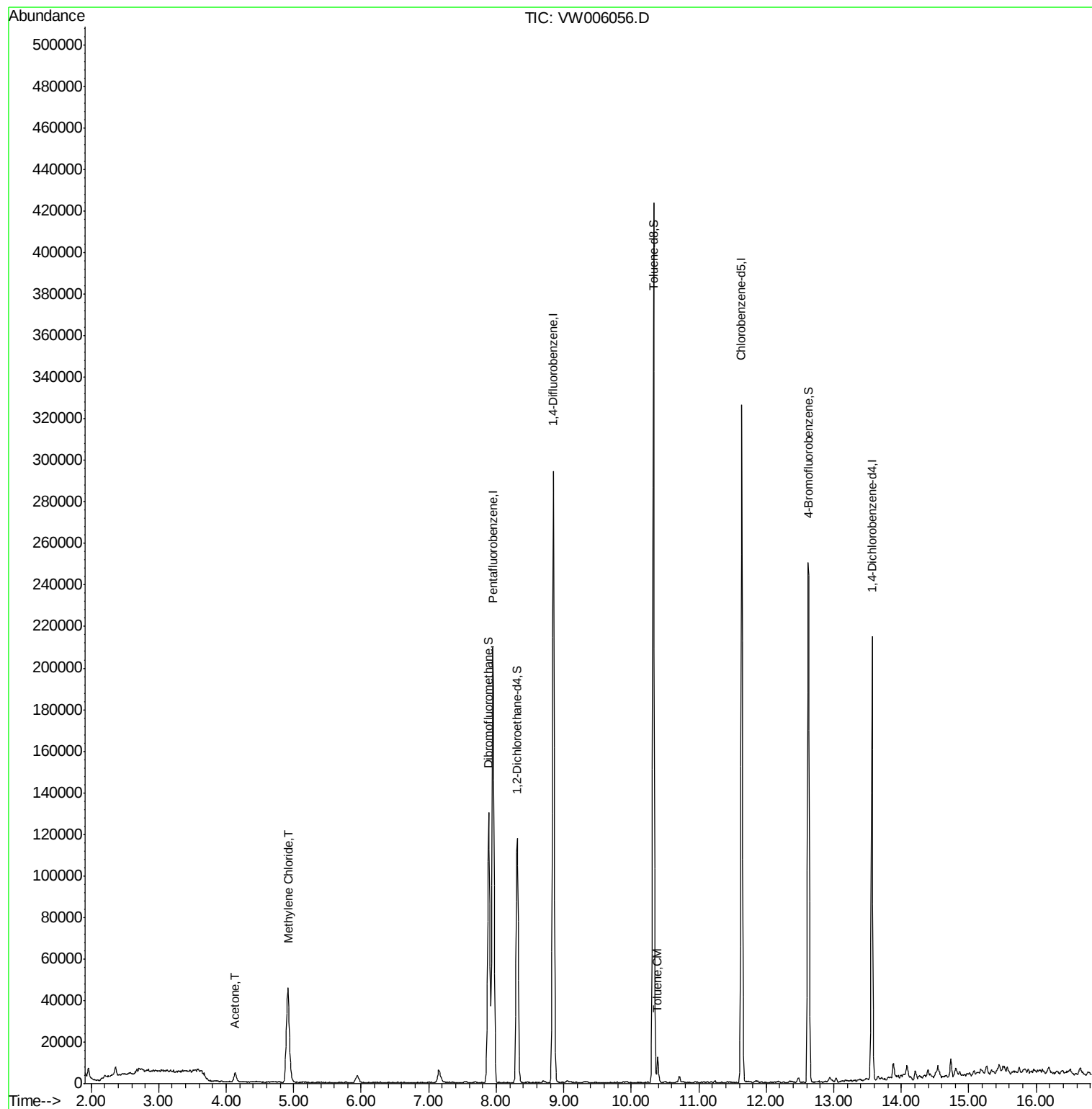
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	256303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92004	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.20%	
35) Dibromofluoromethane	7.89	113	89434	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
50) Toluene-d8	10.33	98	288408	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.62	95	78129	32.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.24%	
Target Compounds						
16) Acetone	4.14	43	8012	24.68	ug/l	99
20) Methylene Chloride	4.92	84	36551	22.47	ug/l	92
52) Toluene	10.40	92	4916	1.11	ug/l	98

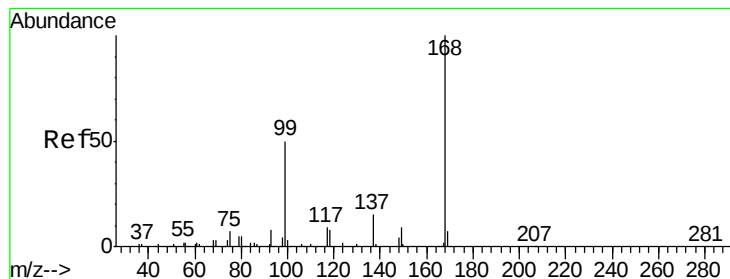
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006056.D

Acq: 12 Oct 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

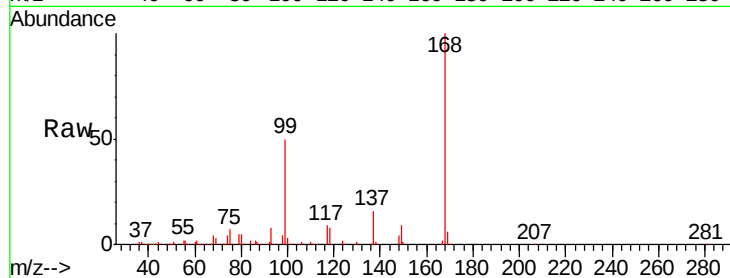
CL-02-101218-ARE

Tgt Ion: 168 Resp: 167439

Ion Ratio Lower Upper

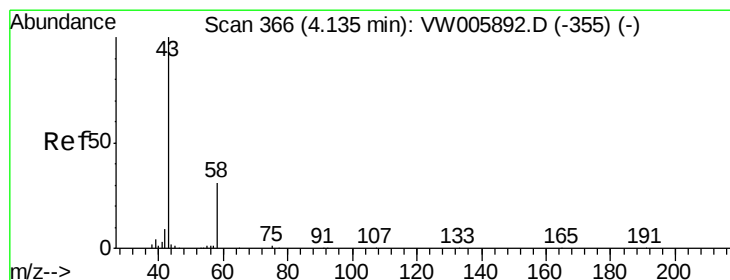
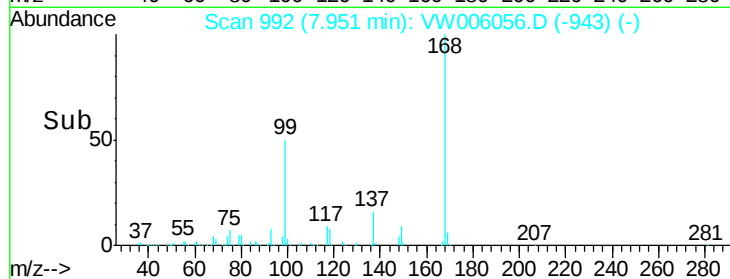
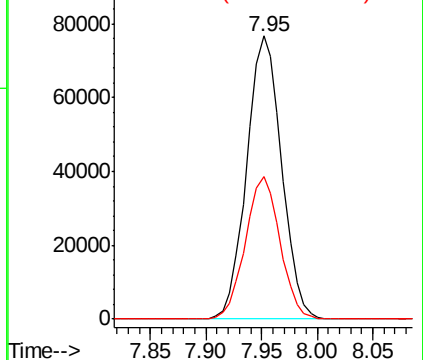
168 100

99 50.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 24.68 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006056.D

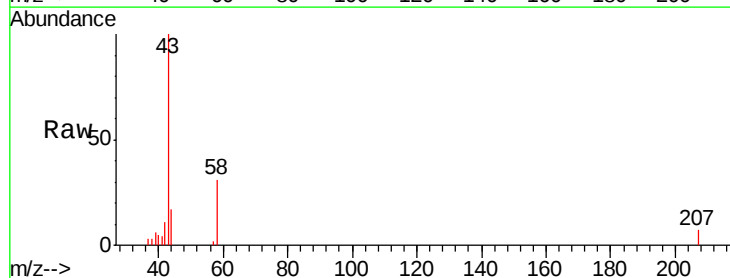
Acq: 12 Oct 2018 19:29

Tgt Ion: 43 Resp: 8012

Ion Ratio Lower Upper

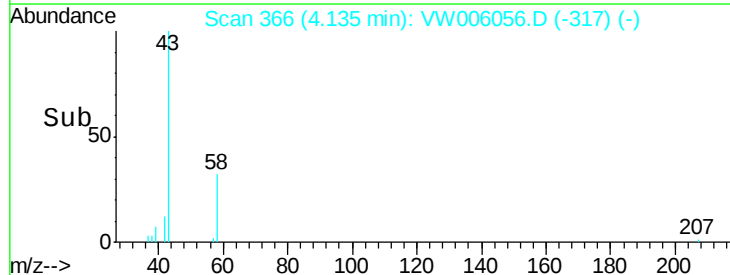
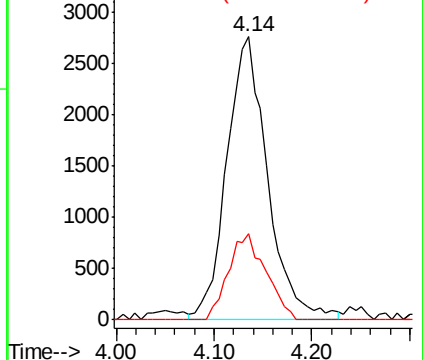
43 100

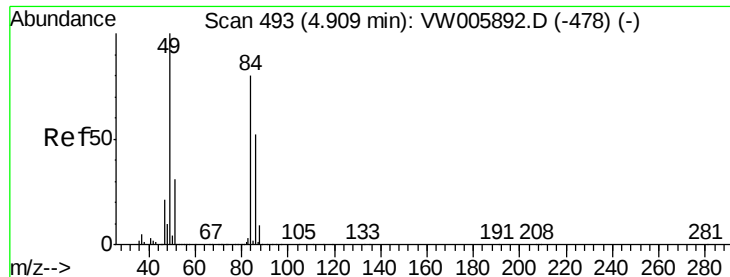
58 31.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

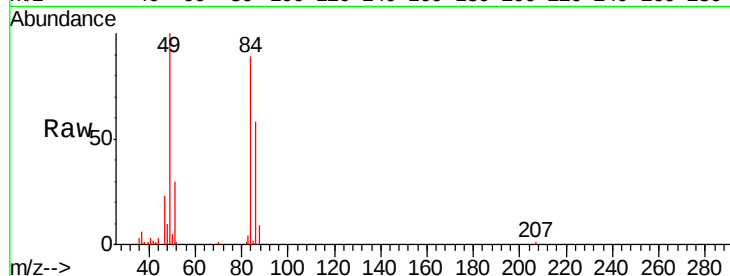




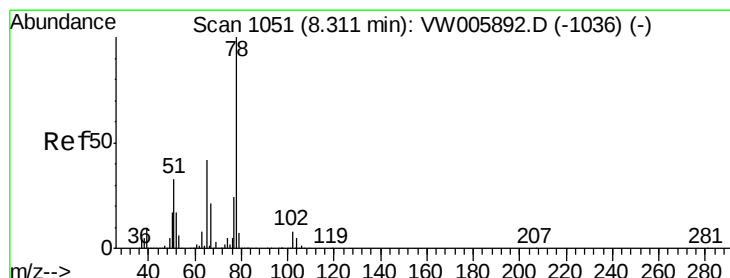
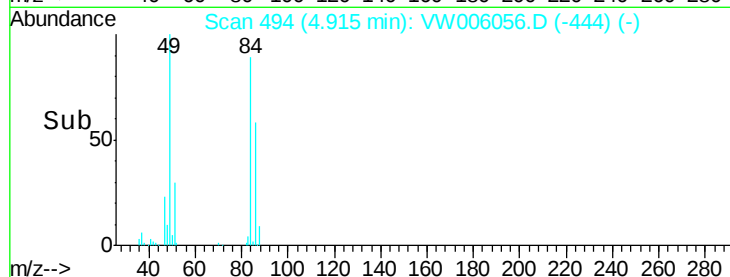
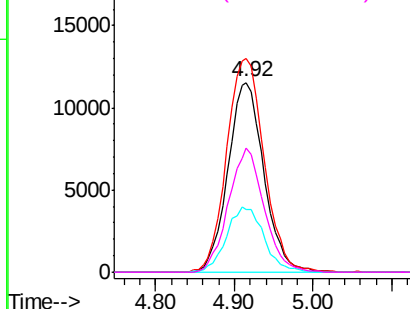
#20
Methylene Chloride
Concen: 22.47 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006056.D
Acq: 12 Oct 2018 19:29

Instrument :
MSVOA_W
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CL-02-101218-ARE

Tgt Ion:	84	Resp:	36551
Ion	Ratio	Lower	Upper
84	100		
49	112.6	99.9	149.9
51	33.2	31.1	46.7
86	65.6	51.8	77.6

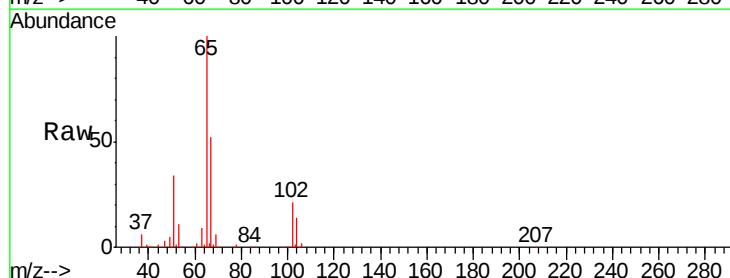


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

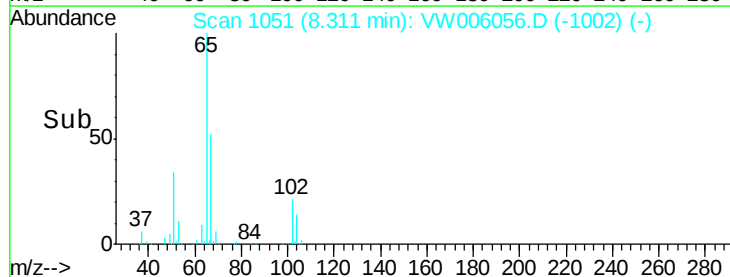
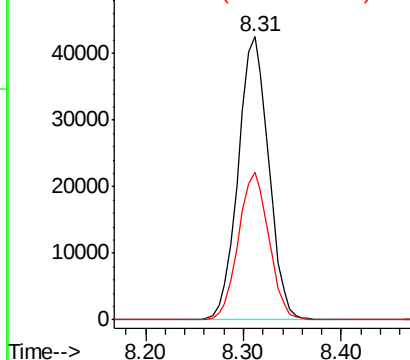


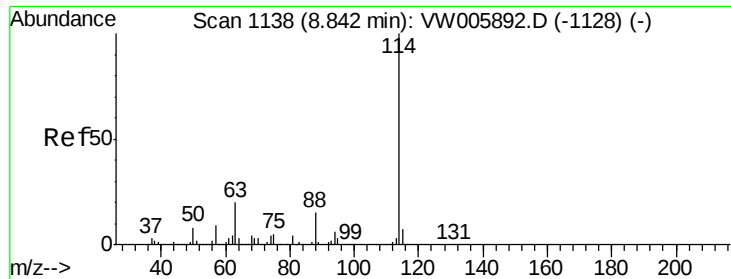
#33
1,2-Dichloroethane-d4
Concen: 56.60 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006056.D
Acq: 12 Oct 2018 19:29

Tgt Ion:	65	Resp:	92004
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

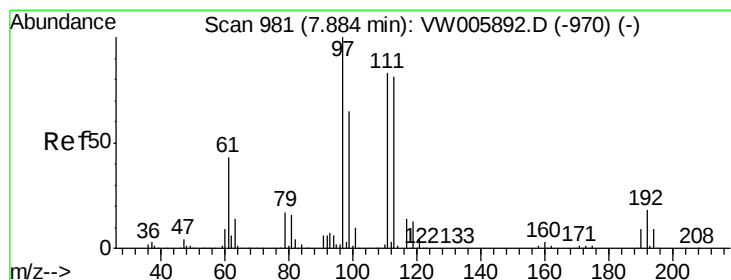
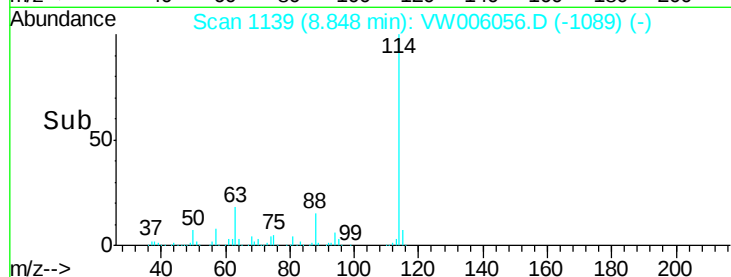
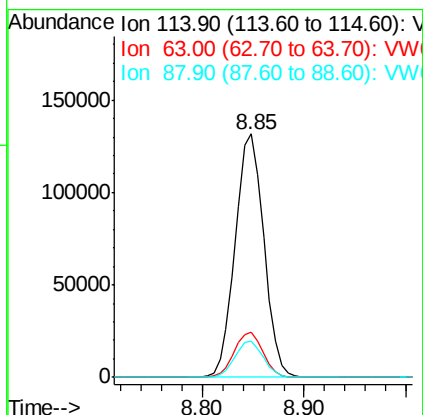
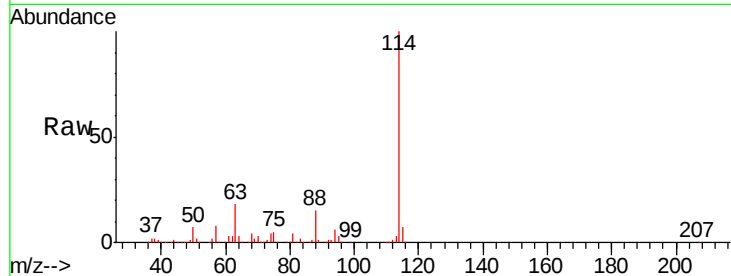




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006056.D
 Acq: 12 Oct 2018 19:29

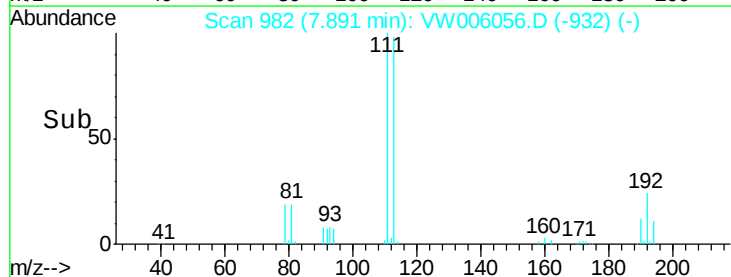
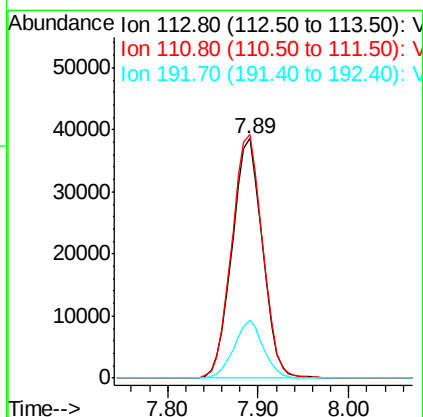
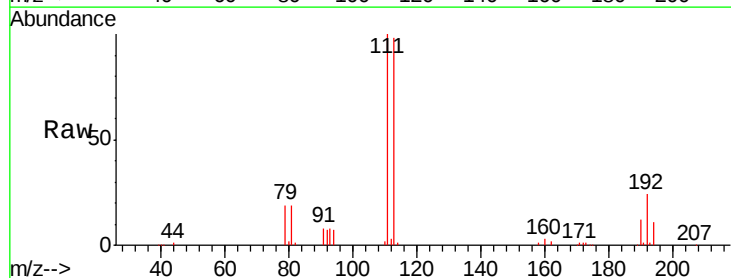
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-ARE

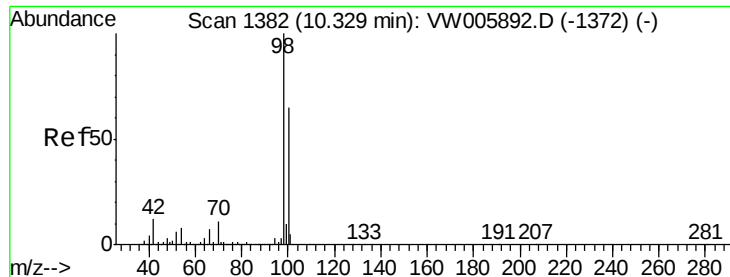
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.2
88	14.8	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 54.65 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006056.D
 Acq: 12 Oct 2018 19:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.2	18.3	27.5





#50

Toluene-d8

Concen: 45.81 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006056.D

Acq: 12 Oct 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

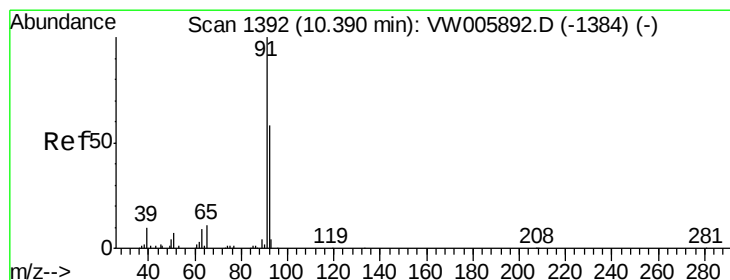
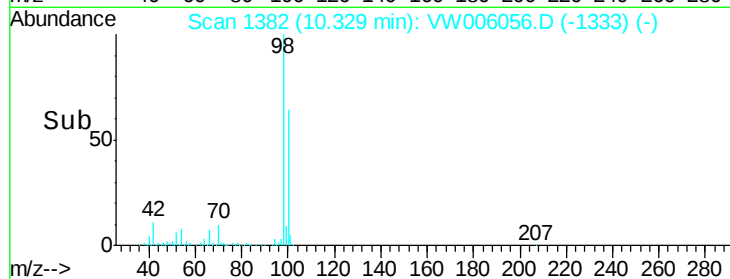
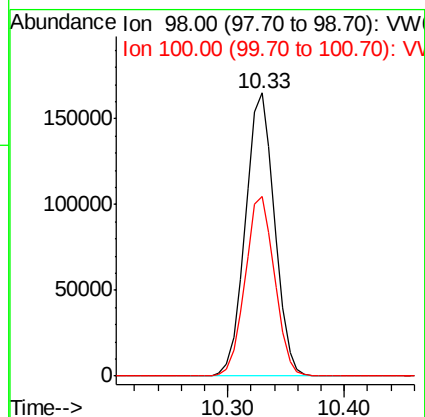
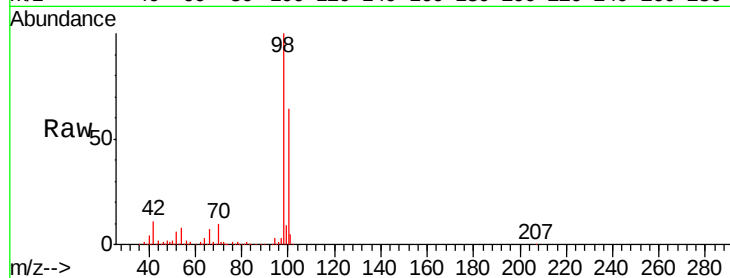
CL-02-101218-ARE

Tgt Ion: 98 Resp: 288408

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#52

Toluene

Concen: 1.11 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006056.D

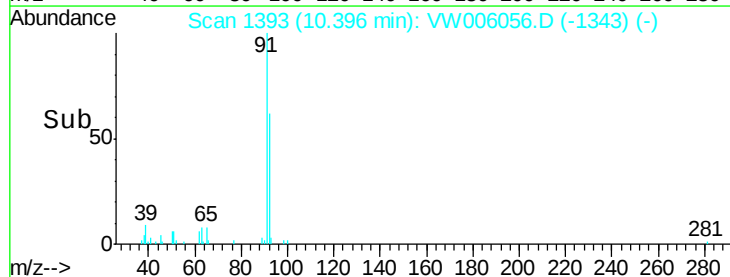
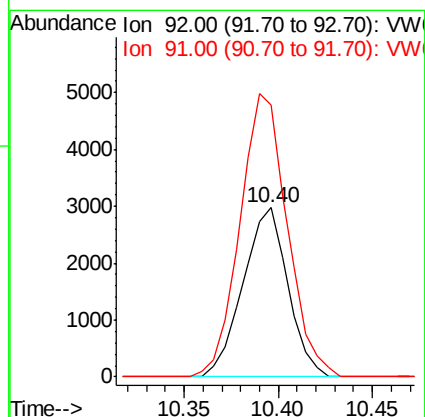
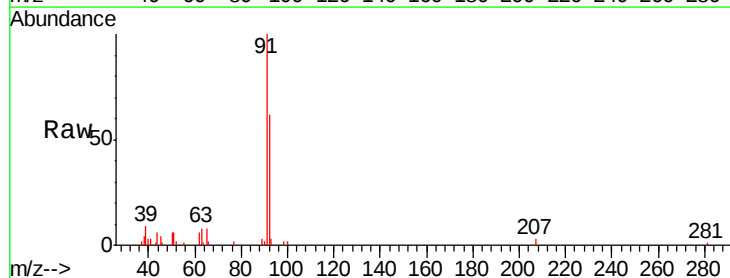
Acq: 12 Oct 2018 19:29

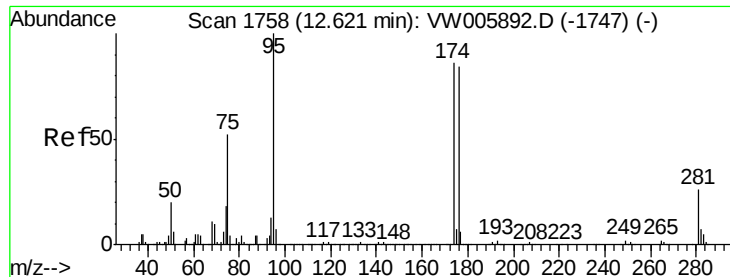
Tgt Ion: 92 Resp: 4916

Ion Ratio Lower Upper

92 100

91 176.0 138.2 207.4

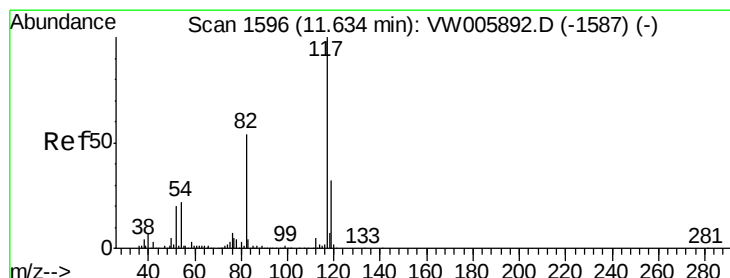
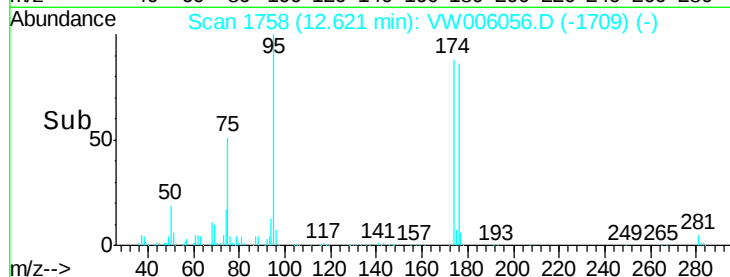
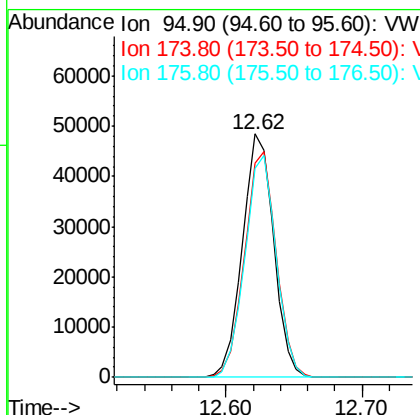
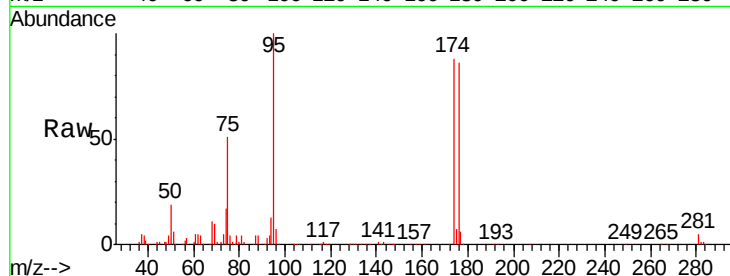




#62
4-Bromofluorobenzene
Concen: 32.62 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006056.D
Acq: 12 Oct 2018 19:29

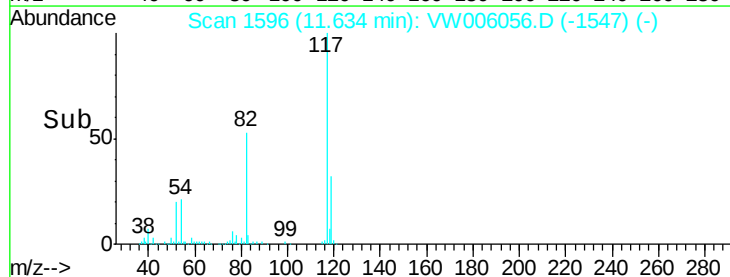
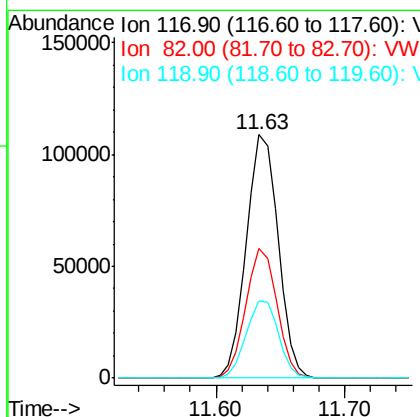
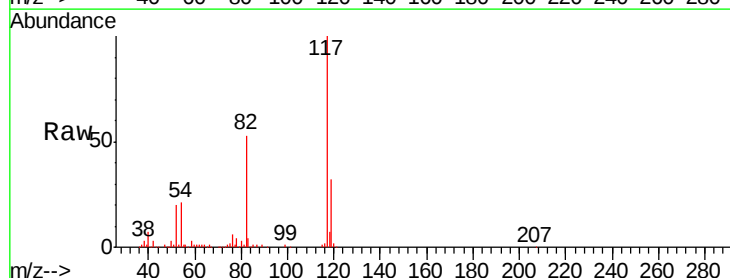
Instrument :
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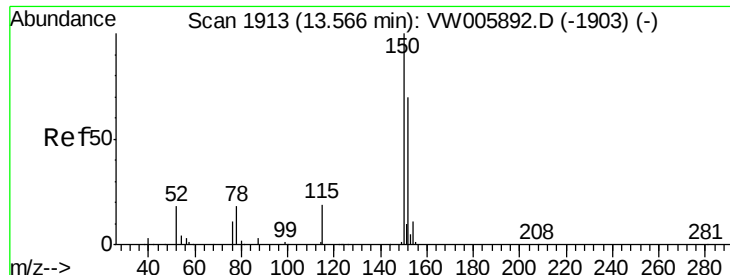
Tgt Ion: 95 Resp: 78129
Ion Ratio Lower Upper
95 100
174 93.5 0.0 176.4
176 91.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006056.D
Acq: 12 Oct 2018 19:29

Tgt Ion: 117 Resp: 185929
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006056.D

Acq: 12 Oct 2018 19:29

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-ARE

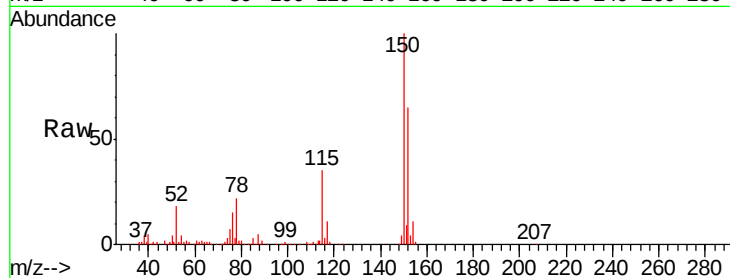
Tgt Ion:152 Resp: 58593

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

150 155.3 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

