

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006058.D
 Acq On : 12 Oct 2018 20:20
 Operator : VA/AP
 Sample : J5198-15RE
 Misc : 10.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 13 02:23:47 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

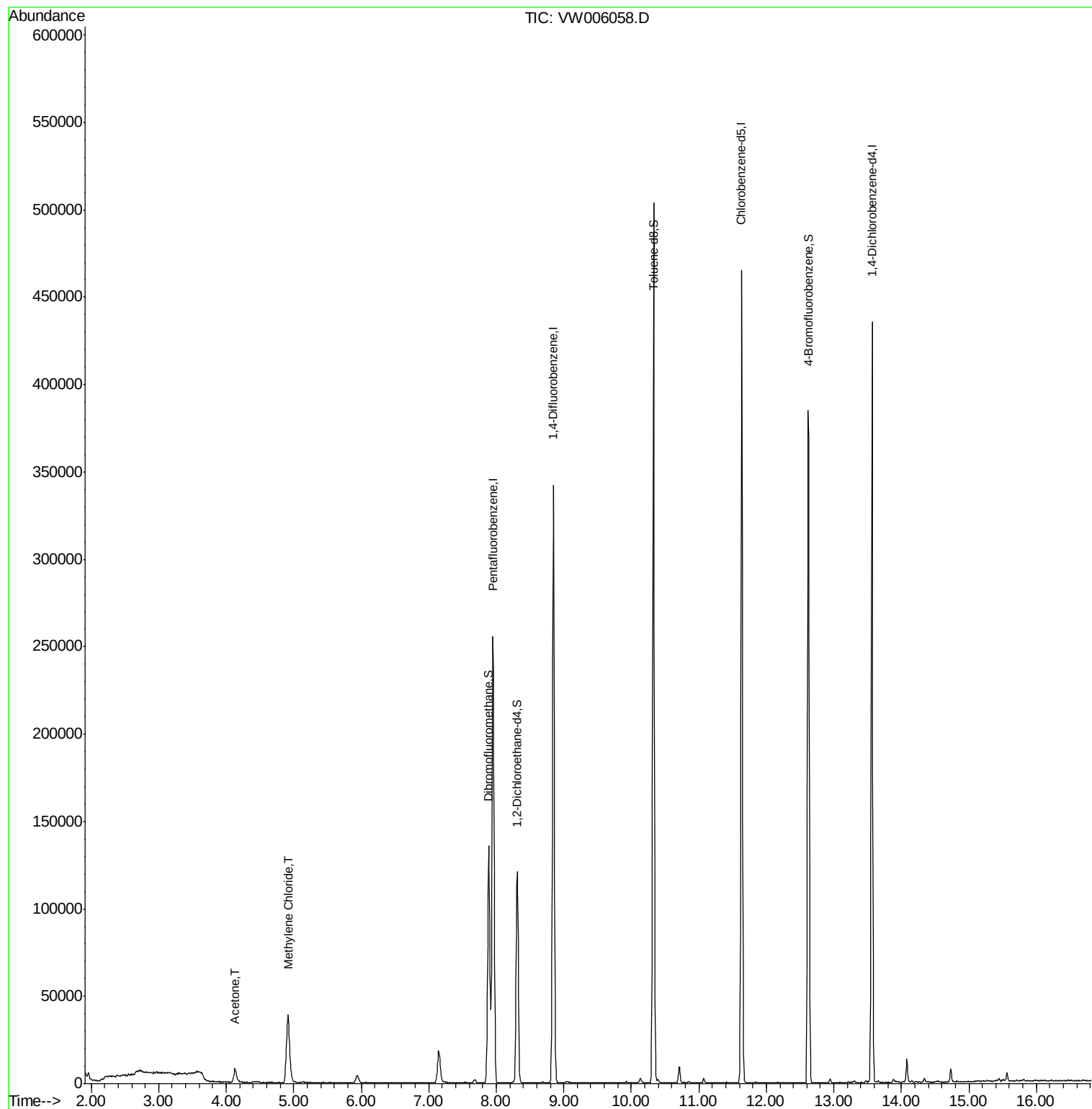
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	298536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	120679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94073	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	7.89	113	94077	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.33	98	336461	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.62	95	115517	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.80%	
Target Compounds						
16) Acetone	4.13	43	14199	35.50	ug/l	Qvalue 97
20) Methylene Chloride	4.92	84	32731	16.33	ug/l	95

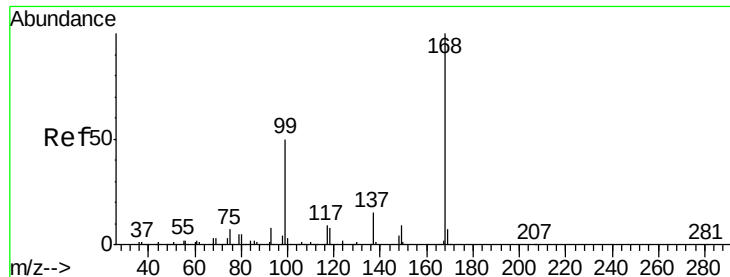
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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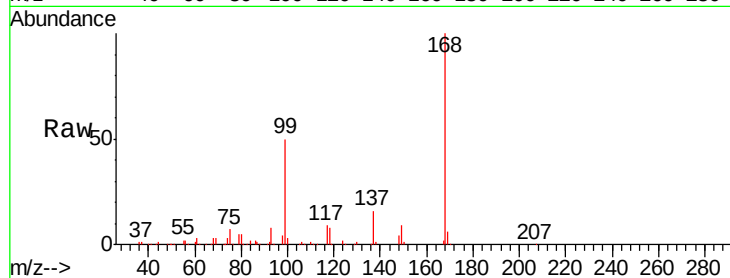
CL-02-101218-CRE

Tgt Ion: 168 Resp: 206266

Ion Ratio Lower Upper

168 100

99 50.4 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

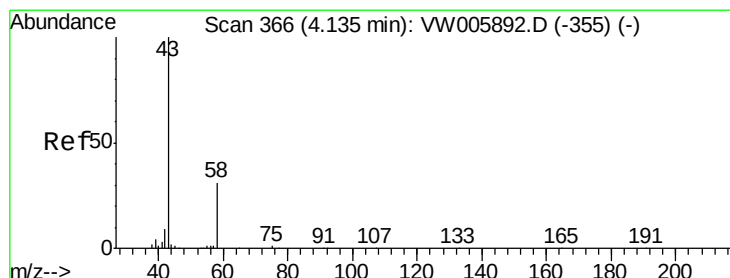
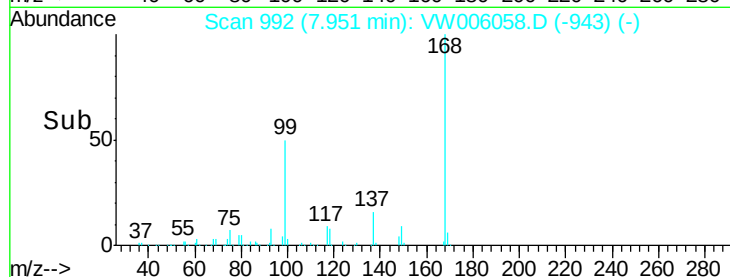
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 35.50 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006058.D

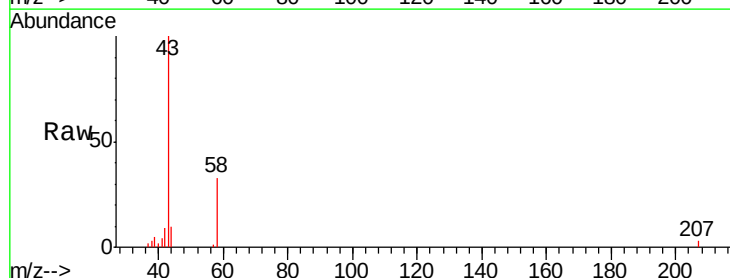
Acq: 12 Oct 2018 20:20

Tgt Ion: 43 Resp: 14199

Ion Ratio Lower Upper

43 100

58 32.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

5000

4000

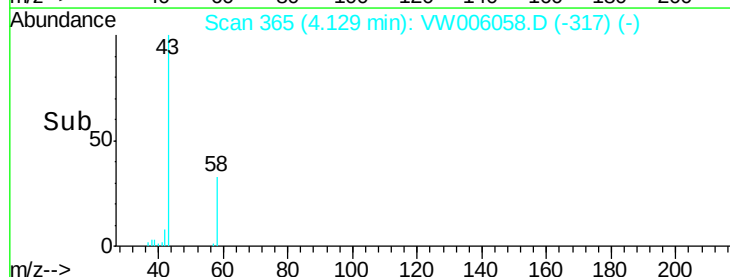
3000

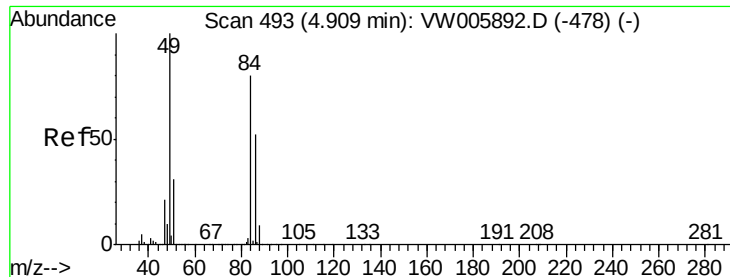
2000

1000

0

Time-->

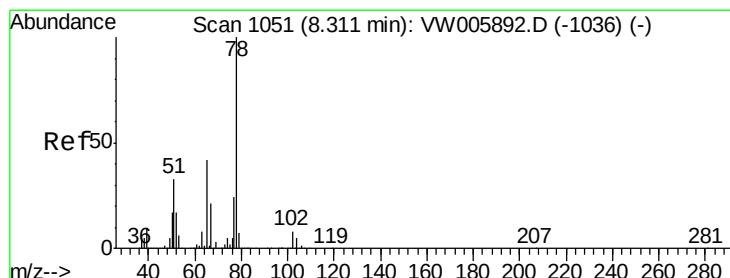
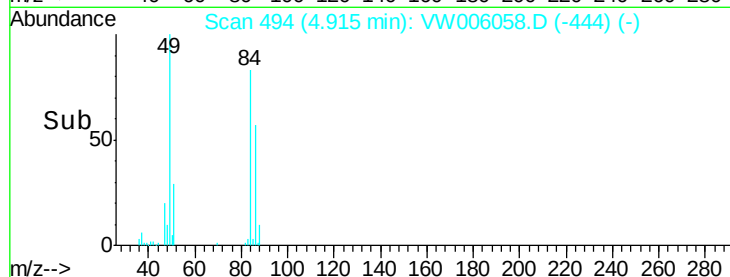
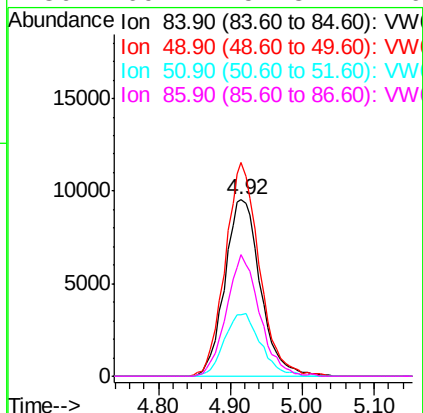
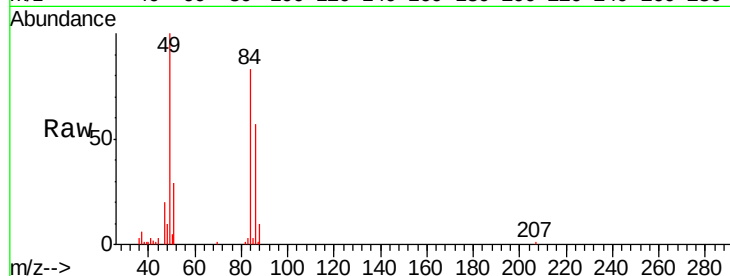




#20
Methylene Chloride
Concen: 16.33 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006058.D
Acq: 12 Oct 2018 20:20

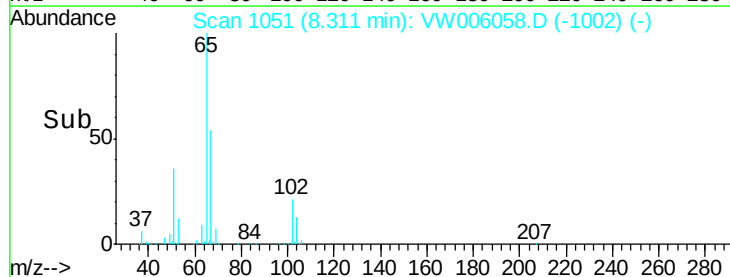
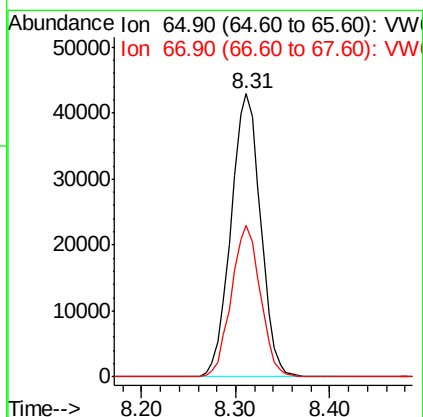
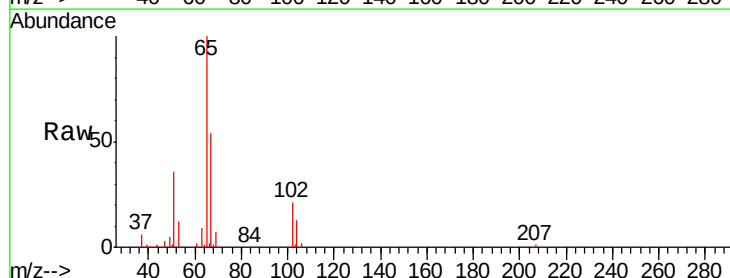
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-CRE

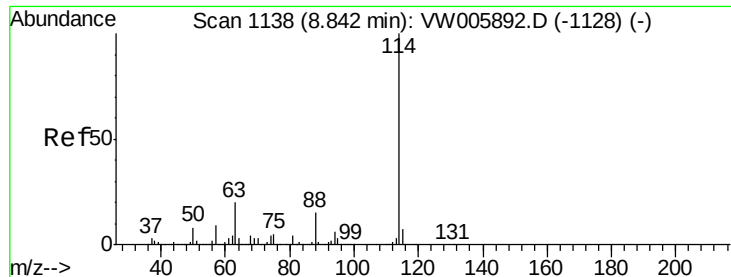
Tgt Ion:	84	Resp:	32731
Ion	Ratio	Lower	Upper
84	100		
49	121.0	99.9	149.9
51	35.1	31.1	46.7
86	69.2	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 46.98 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006058.D
Acq: 12 Oct 2018 20:20

Tgt Ion:	65	Resp:	94073
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6

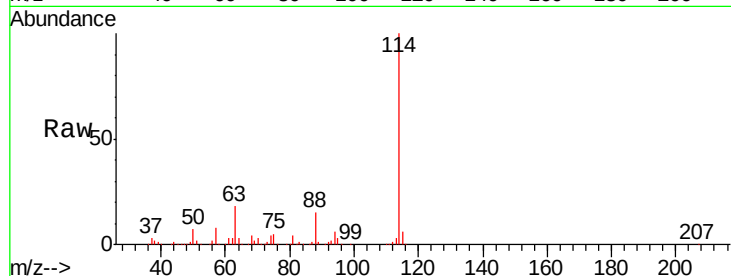




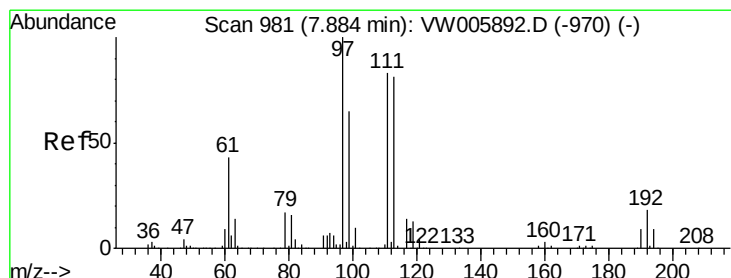
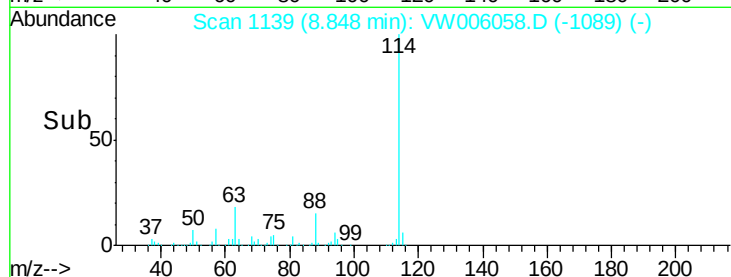
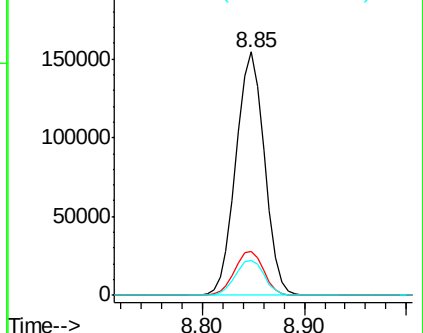
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006058.D
 Acq: 12 Oct 2018 20:20

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.2
88	14.5	0.0	30.8

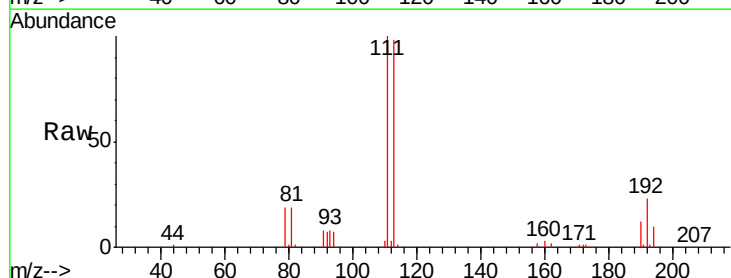


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

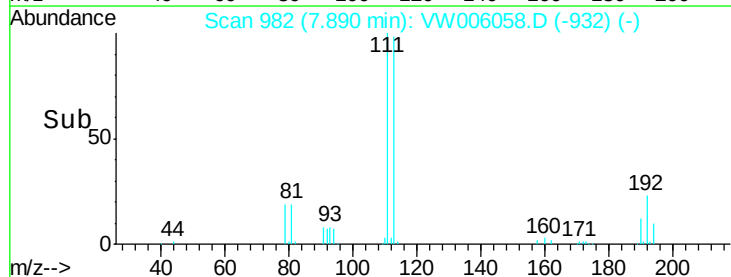
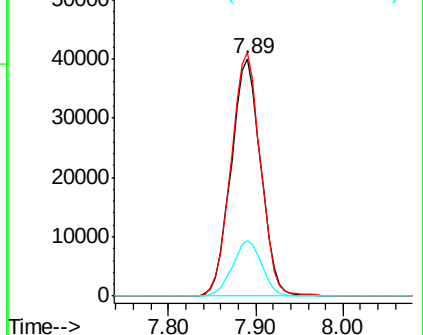


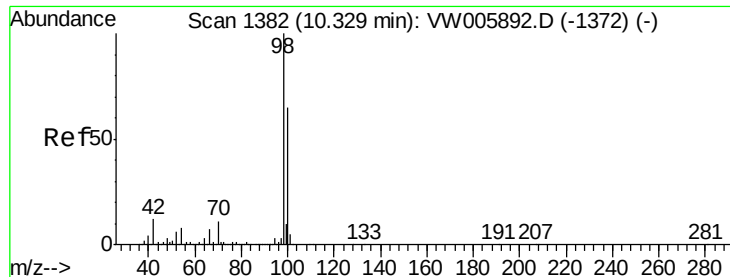
#35
 Dibromofluoromethane
 Concen: 49.36 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006058.D
 Acq: 12 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.0	18.3	27.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.88 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006058.D

Acq: 12 Oct 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

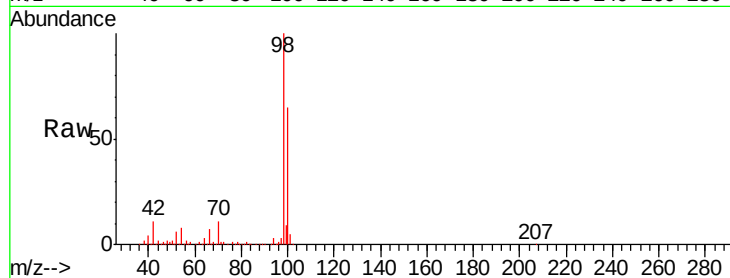
CL-02-101218-CRE

Tgt Ion: 98 Resp: 336461

Ion Ratio Lower Upper

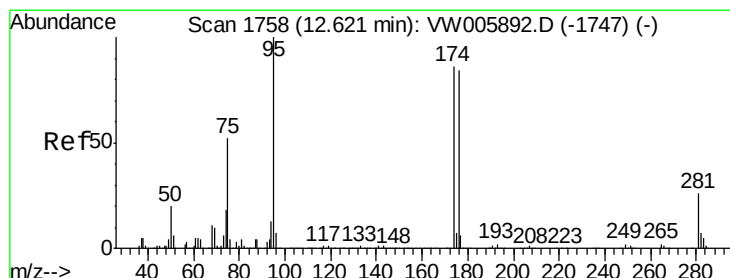
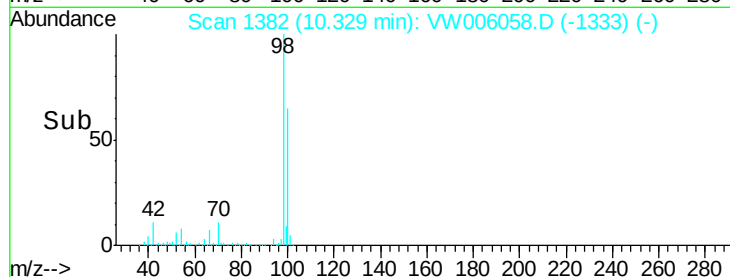
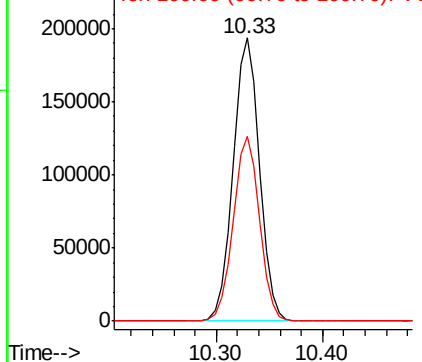
98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.40 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006058.D

Acq: 12 Oct 2018 20:20

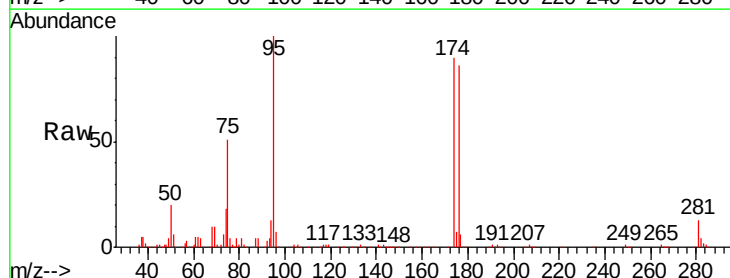
Tgt Ion: 95 Resp: 115517

Ion Ratio Lower Upper

95 100

174 93.4 0.0 176.4

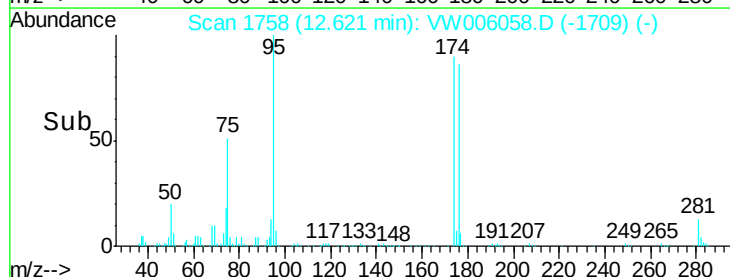
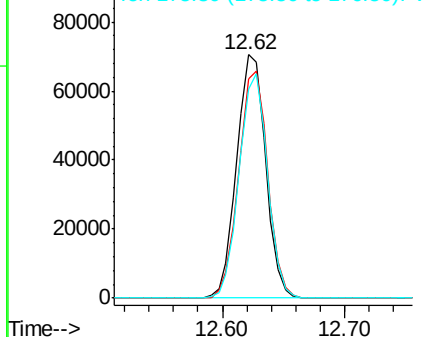
176 90.4 0.0 173.0

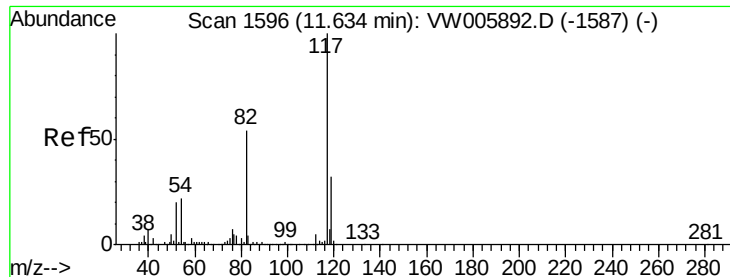


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

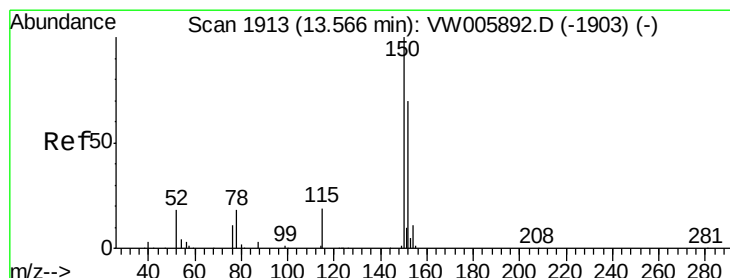
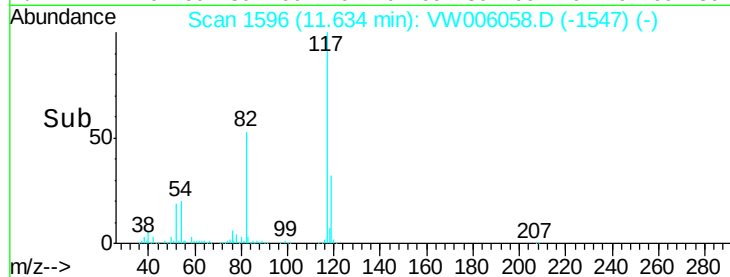
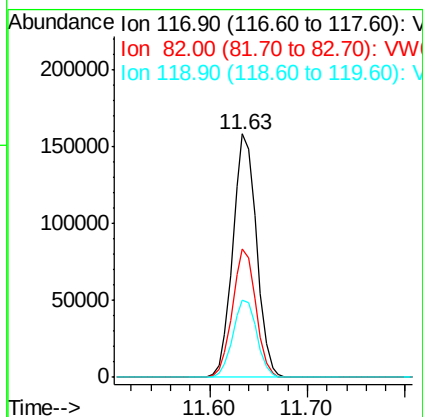
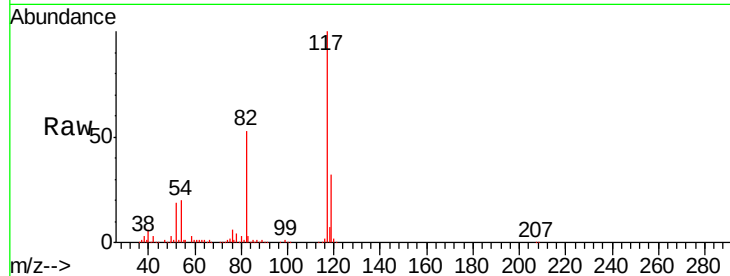




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006058.D
Acq: 12 Oct 2018 20:20

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

Tgt Ion:117 Resp: 265089
Ion Ratio Lower Upper
117 100
82 52.9 43.5 65.3
119 31.6 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: VW006058.D
Acq: 12 Oct 2018 20:20

Tgt Ion:152 Resp: 120679
Ion Ratio Lower Upper
152 100
115 54.9 28.3 85.0
150 157.3 0.0 349.2

