

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004863.D
 Acq On : 22 Aug 2018 02:45
 Operator : SY/AP
 Sample : J4275-09
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-A

Quant Time: Aug 22 08:12:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	629606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1032006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	859110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	320252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	349705	57.45	ug/l	0.00
Spiked Amount			Recovery	=	114.90%	
35) Dibromofluoromethane	7.89	113	348699	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
50) Toluene-d8	10.33	98	1194427	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.63	95	343525	37.09	ug/l	0.00
Spiked Amount			Recovery	=	74.18%	

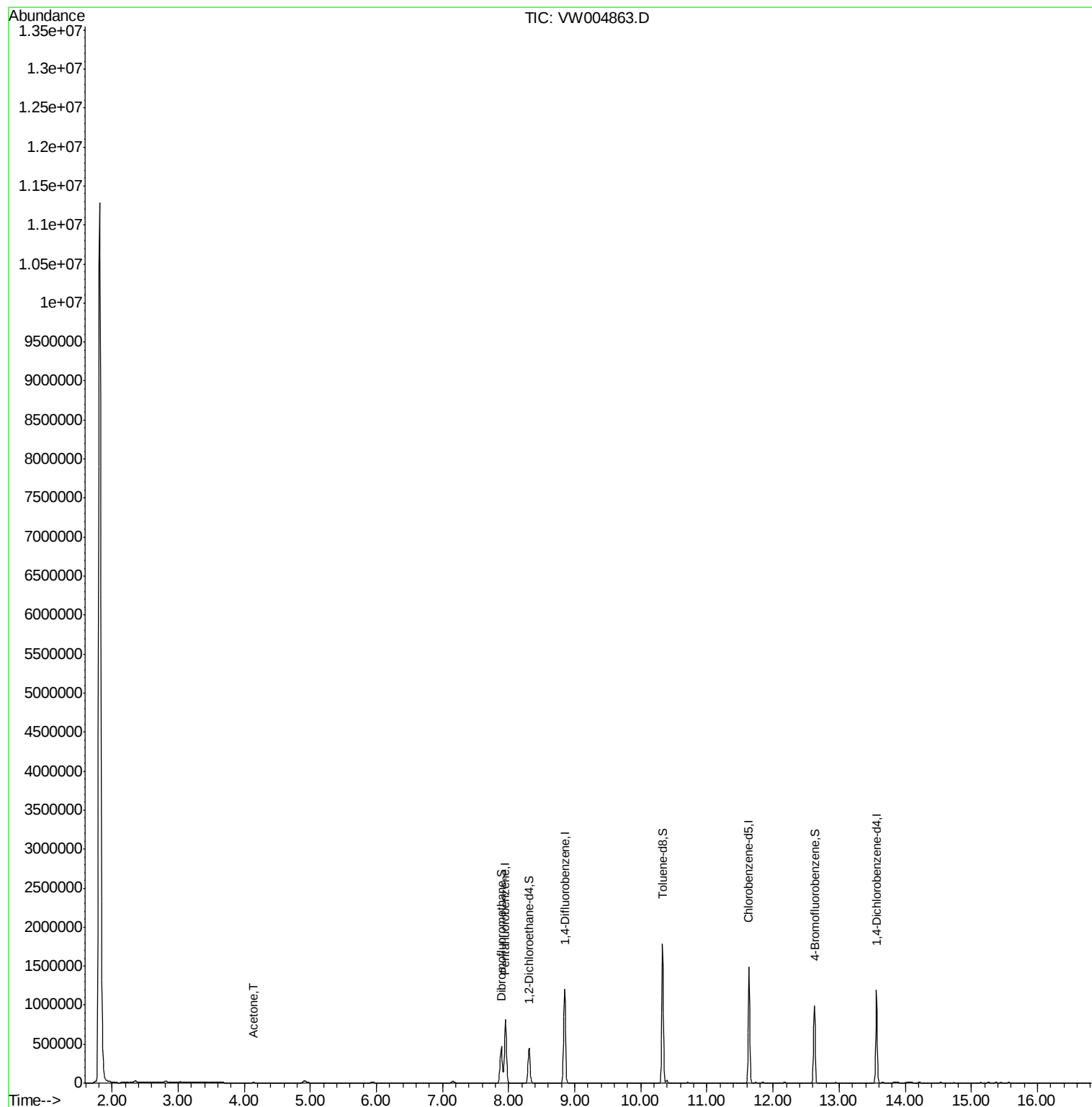
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	11995	7.72	ug/l	97

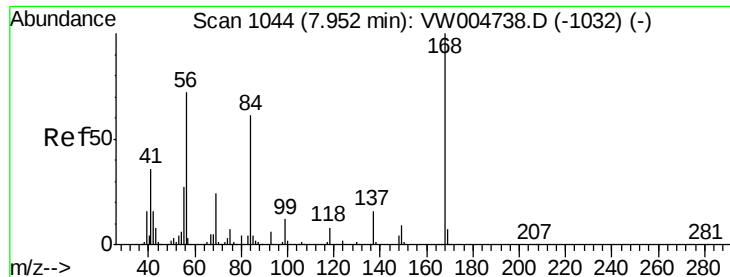
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

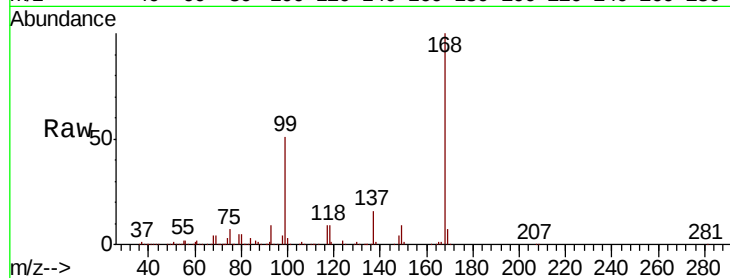
CL-01-082018-A

Tot Ion:168 Resp: 629606

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

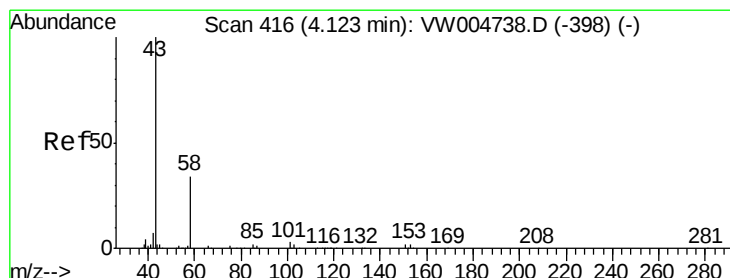
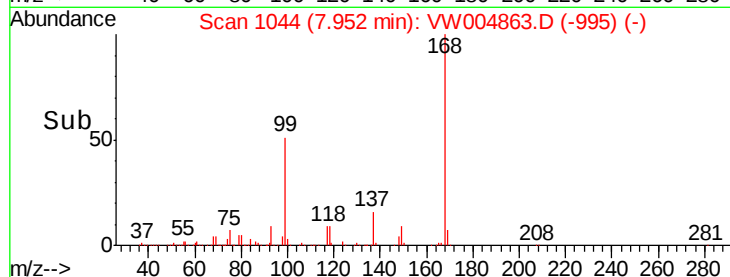
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.72 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004863.D

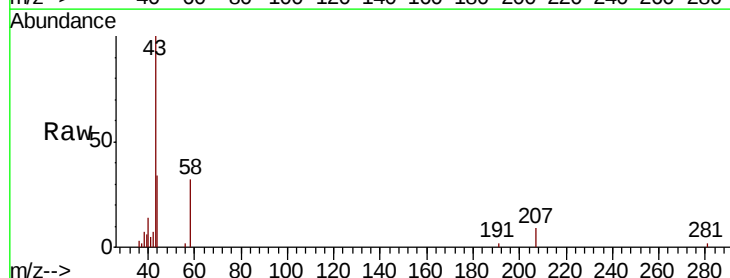
Acq: 22 Aug 2018 02:45

Tgt Ion: 43 Resp: 11995

Ion Ratio Lower Upper

43 100

58 32.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

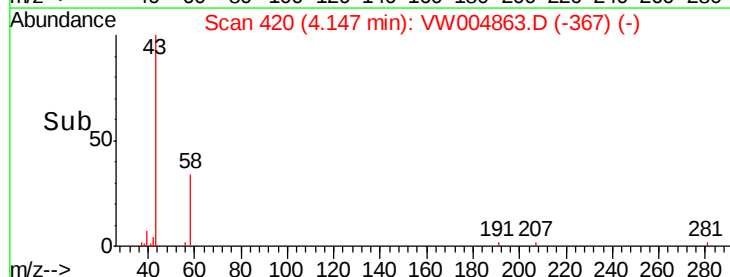
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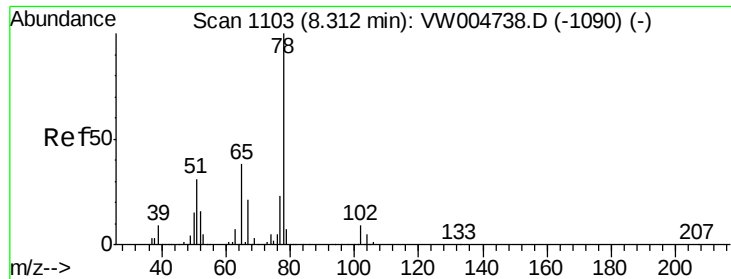
2000

1000

0

Time-->

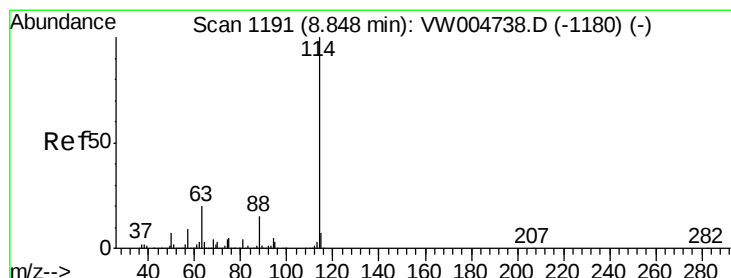
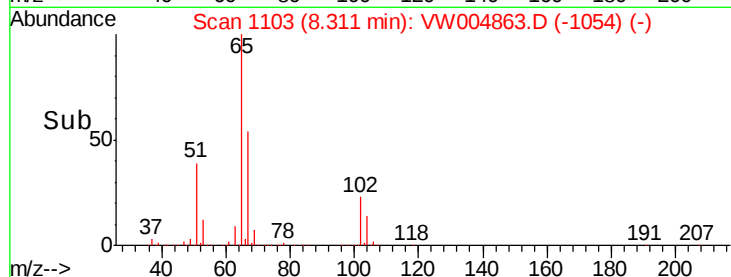
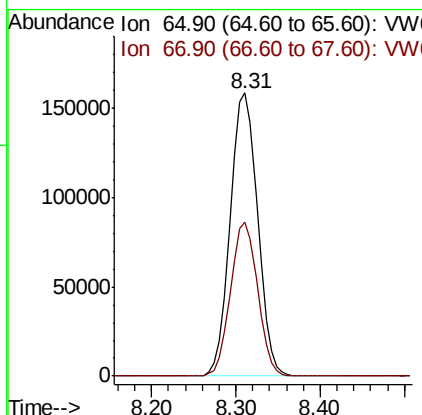
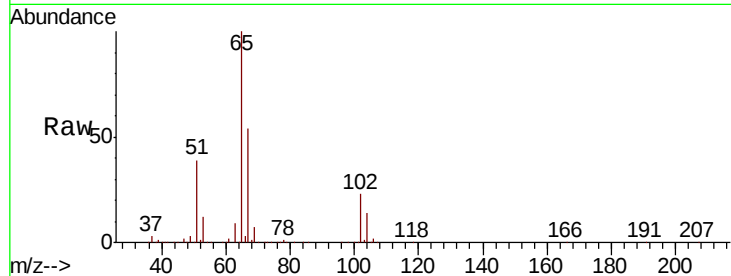




#33
 1,2-Dichloroethane-d4
 Concen: 57.45 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

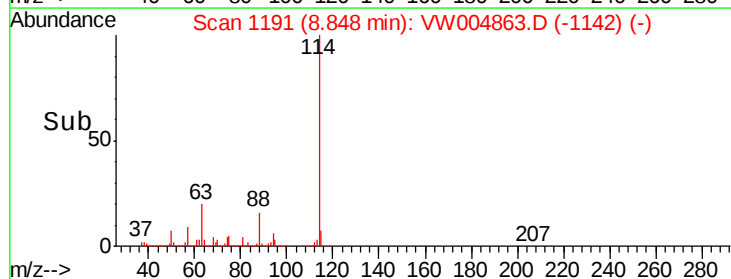
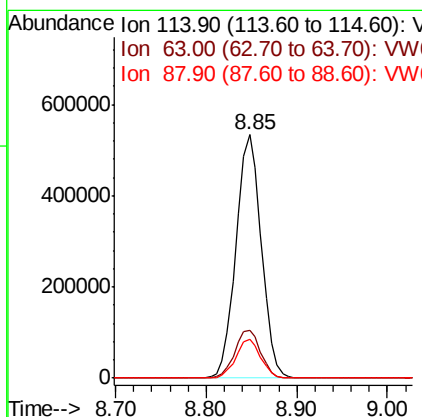
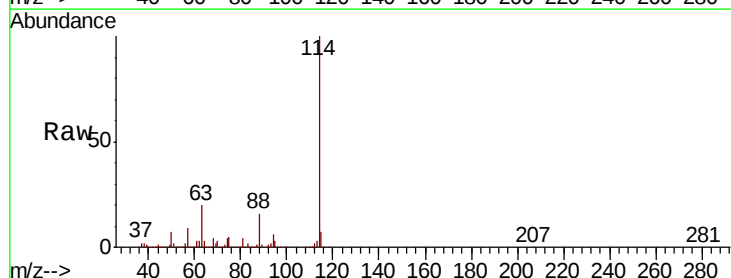
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-A

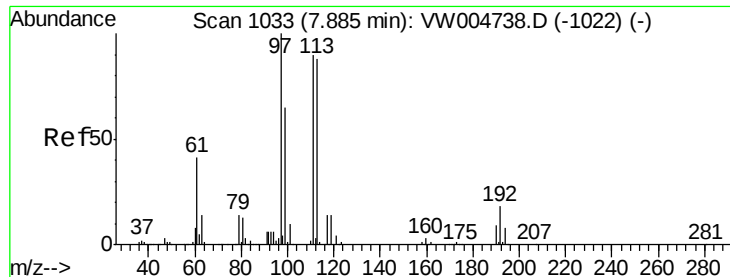
Tot Ion: 65 Resp: 349705
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

Tgt Ion: 114 Resp: 1032006
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.8 0.0 30.0

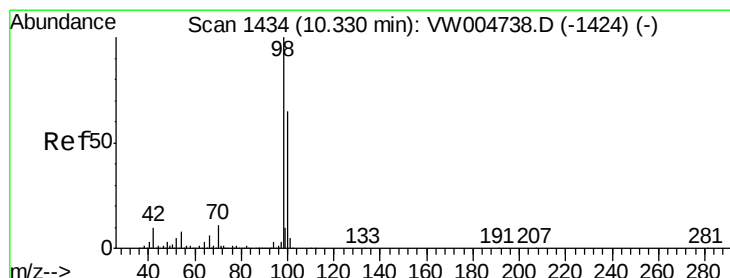
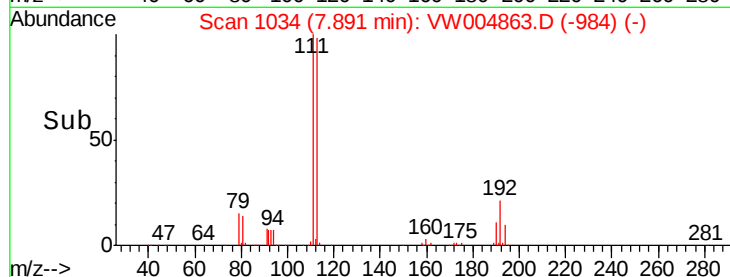
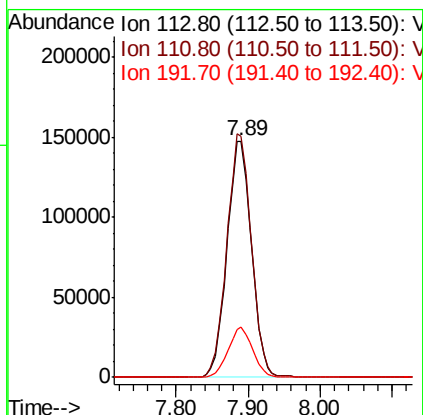
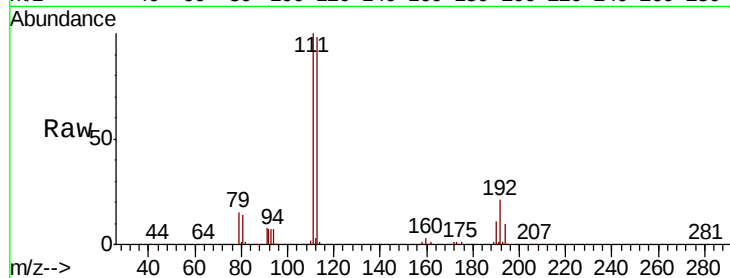




#35
 Dibromofluoromethane
 Concen: 52.87 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

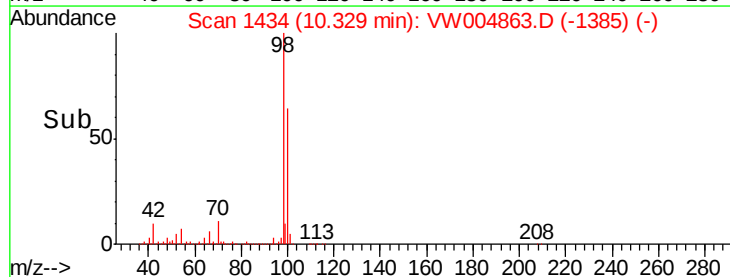
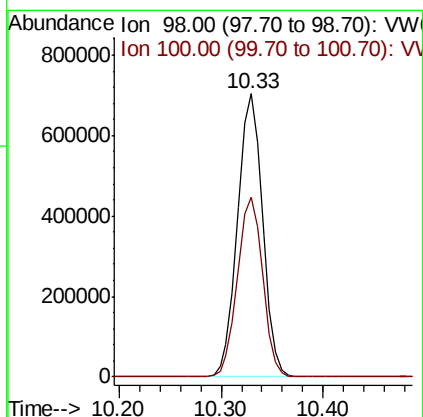
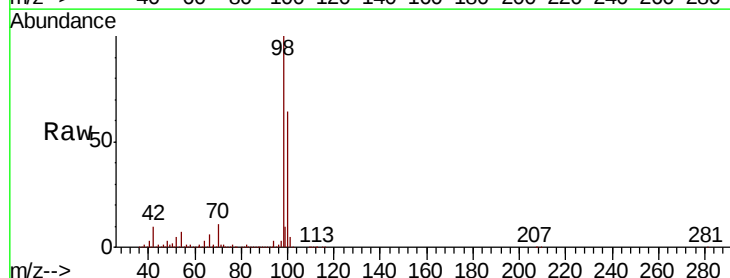
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-A

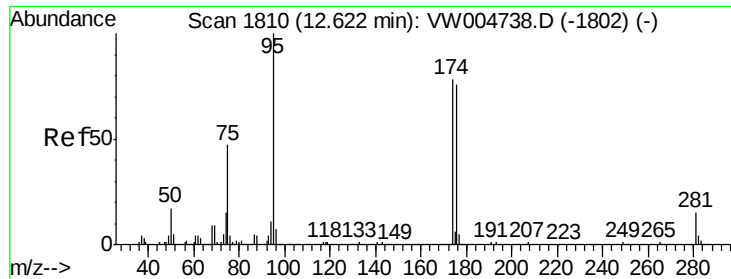
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.1	16.7	25.1



#50
 Toluene-d8
 Concen: 46.39 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8

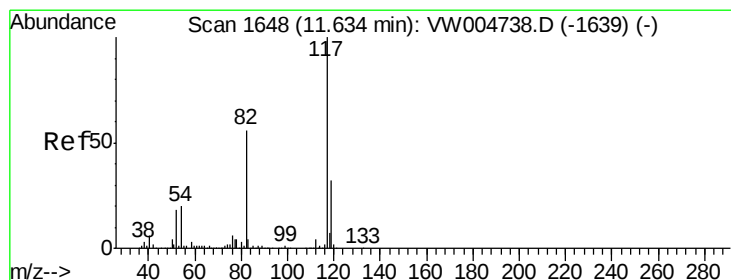
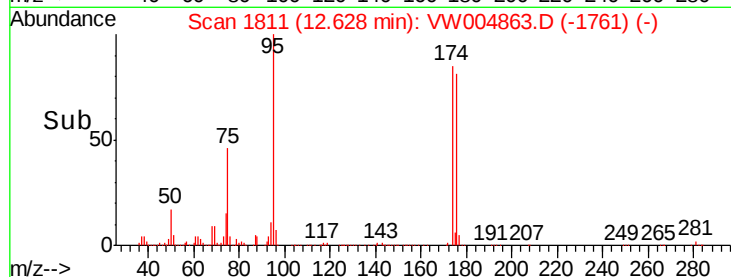
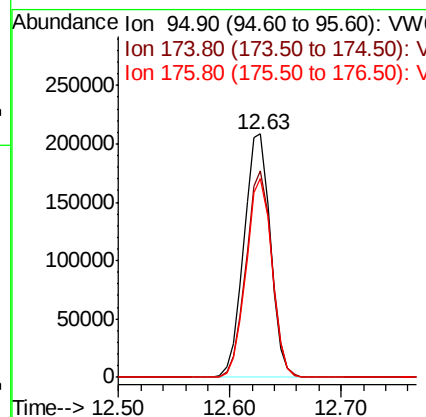
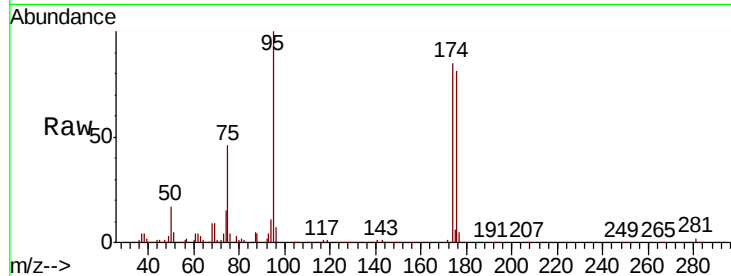




#62
4-Bromofluorobenzene
Concen: 37.09 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

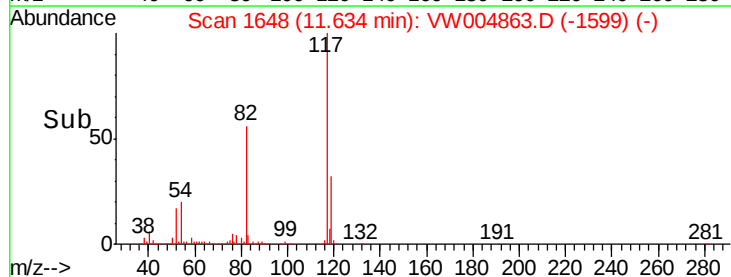
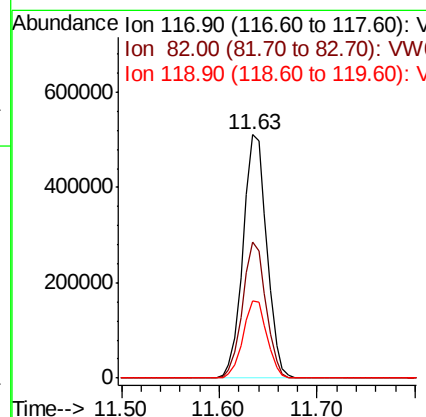
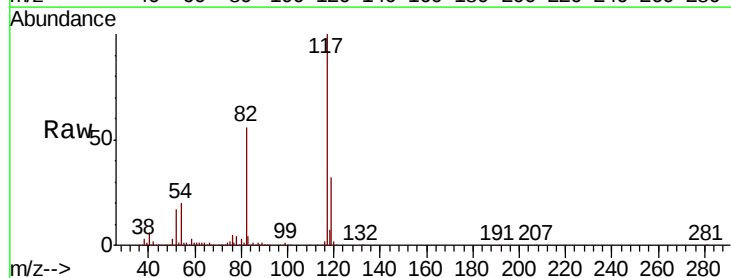
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-A

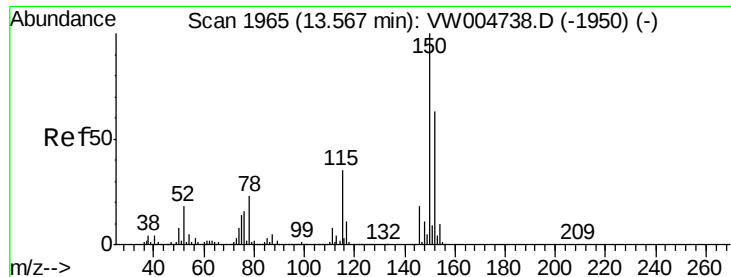
Tot Ion: 95 Resp: 343525
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.8
176 80.2 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

Tgt Ion: 117 Resp: 859110
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-A

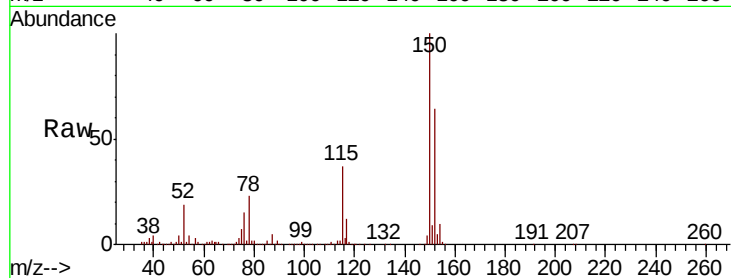
Tot Ion:152 Resp: 320252

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.5

150 157.4 0.0 344.8



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

