

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003861.D
 Acq On : 11 Jul 2018 09:06
 Operator : SY/AP
 Sample : J3824-01
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-071018

Quant Time: Jul 11 11:23:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

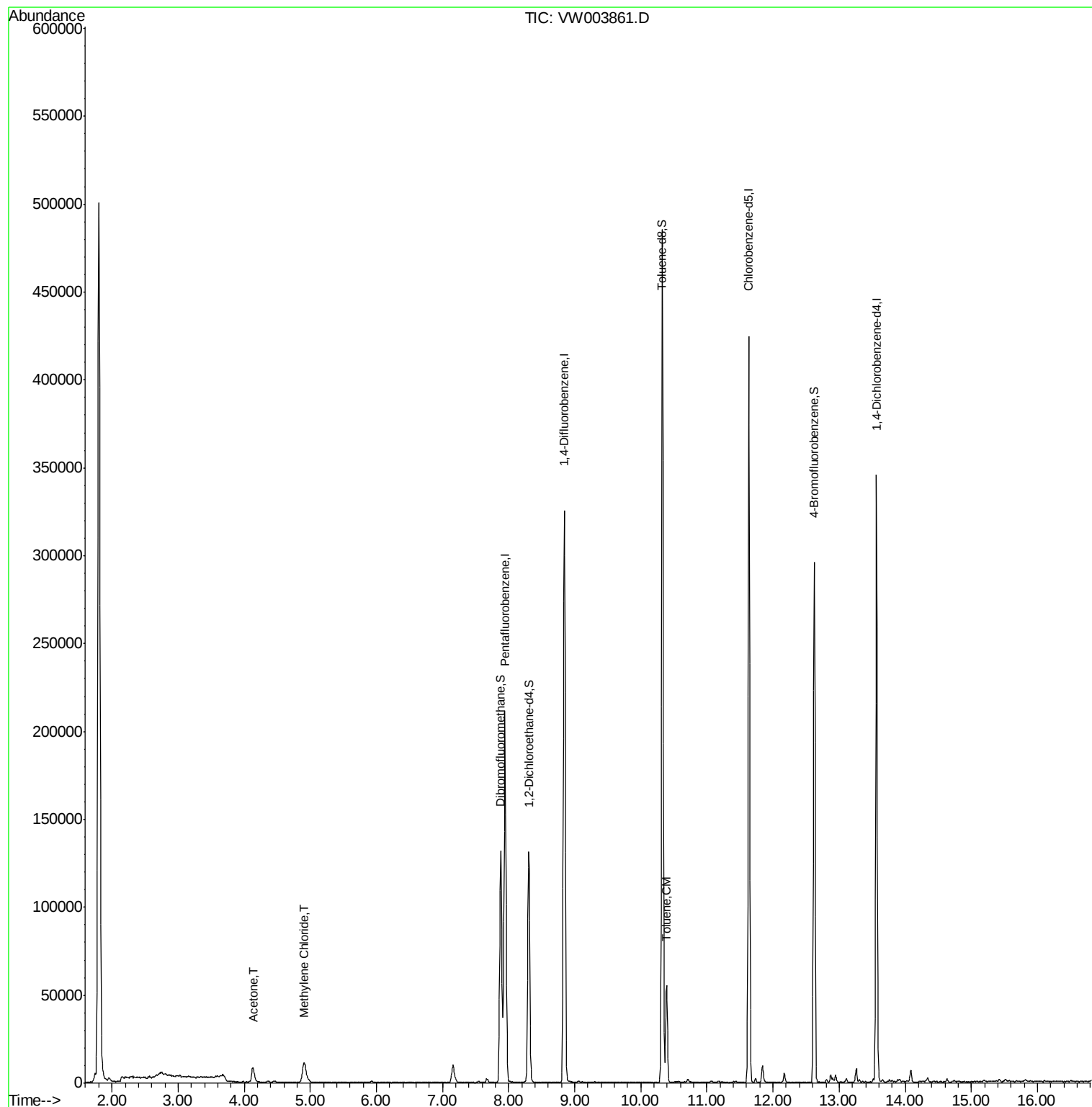
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	252682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105205	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	7.88	113	91647	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.32	98	312733	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.62	95	90618	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
Target Compounds						
16) Acetone	4.14	43	15441	45.82	ug/l	98
20) Methylene Chloride	4.90	84	10307	2.07	ug/l	93
52) Toluene	10.39	92	22024	4.63	ug/l	100

(#) = 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# 1043

Delta R.T. -0.01 min

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ClientSampleId :

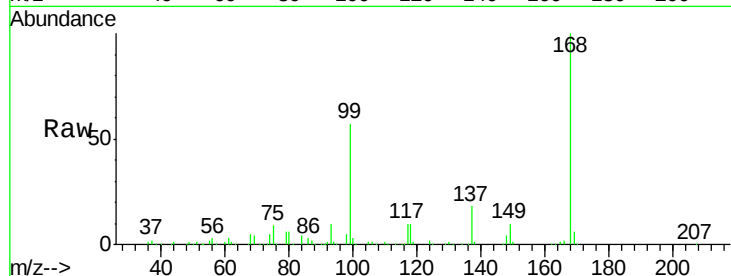
HD-02-071018

Tot Ion:168 Resp: 148539

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

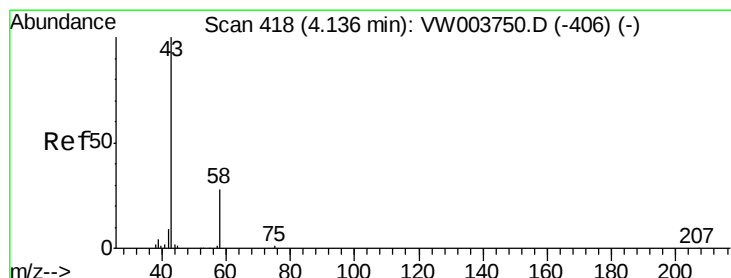
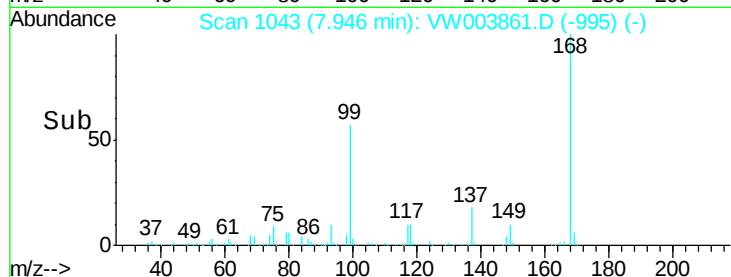
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 45.82 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003861.D

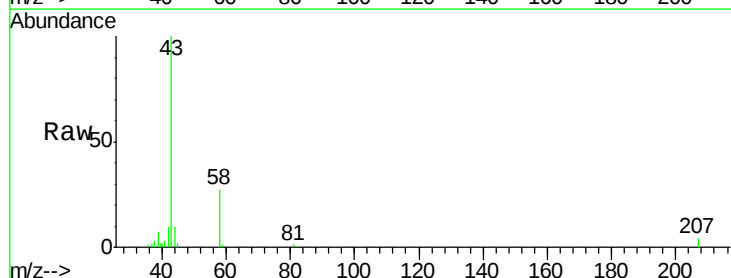
Acq: 11 Jul 2018 09:06

Tgt Ion: 43 Resp: 15441

Ion Ratio Lower Upper

43 100

58 27.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

3000

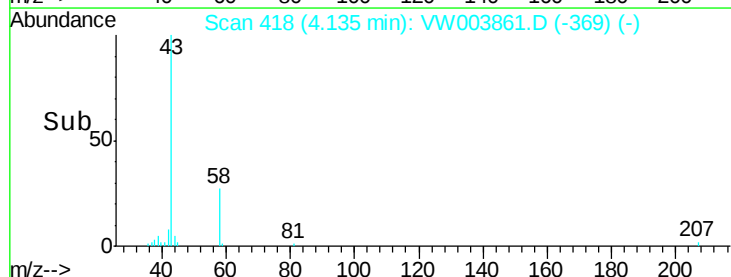
2000

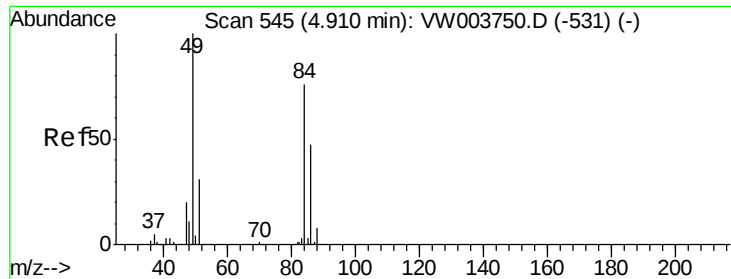
1000

0

4.00 4.10 4.20

Time-->

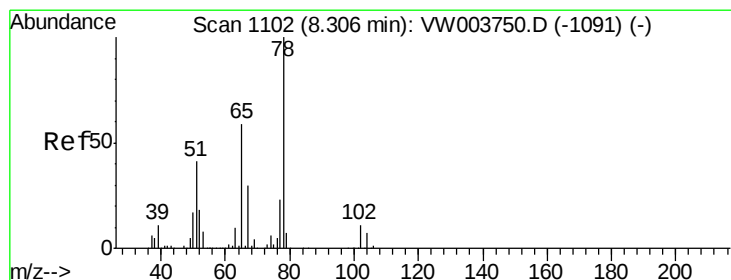
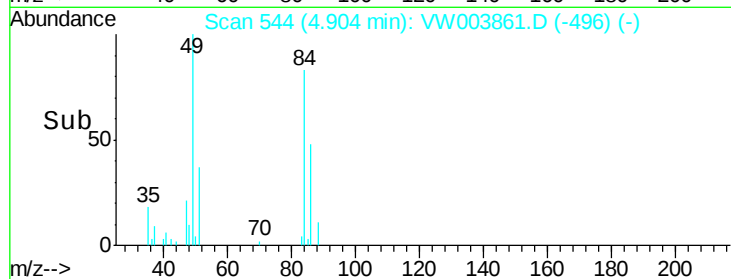
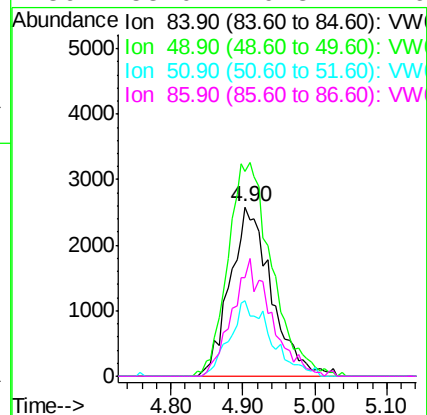
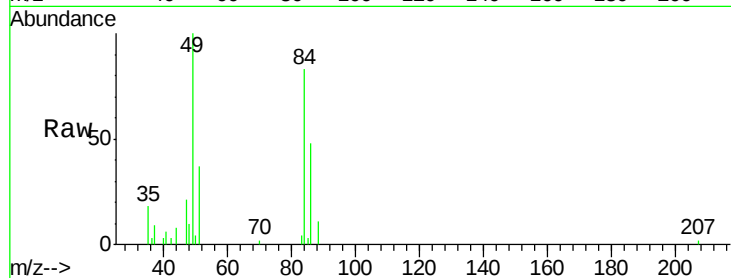




#20
Methvlene Chloride
Concen: 2.07 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003861.D
Acq: 11 Jul 2018 09:06

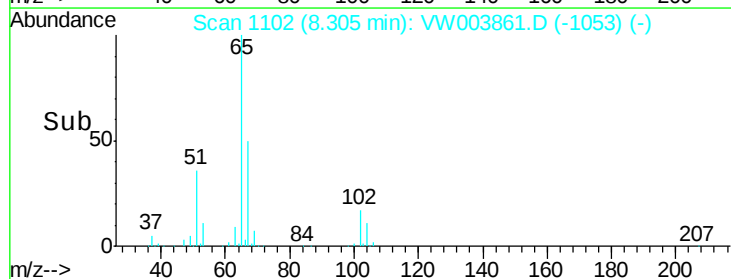
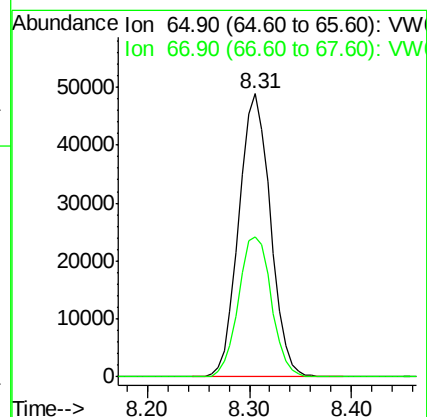
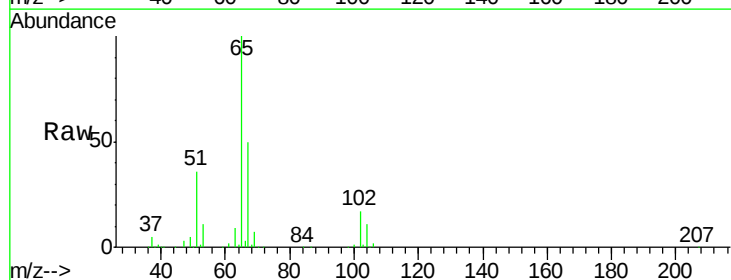
Instrument :
MSVOA_W
ClientSampleId :
HD-02-071018

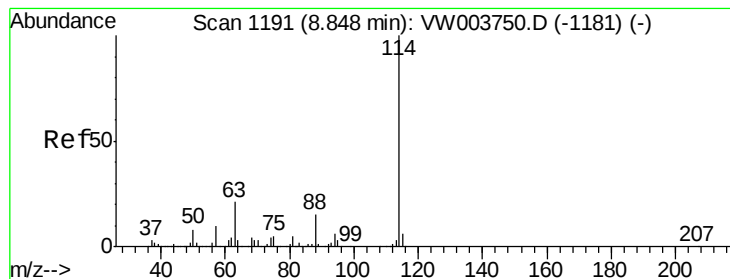
Tot Ion	Ratio	Lower	Upper
84	100		
49	121.2	105.1	157.7
51	44.4	32.5	48.7
86	58.0	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 54.16 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003861.D
Acq: 11 Jul 2018 09:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003861.D

Acq: 11 Jul 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

HD-02-071018

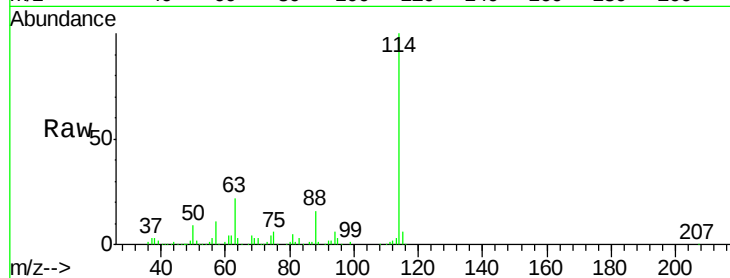
Tot Ion:114 Resp: 252682

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

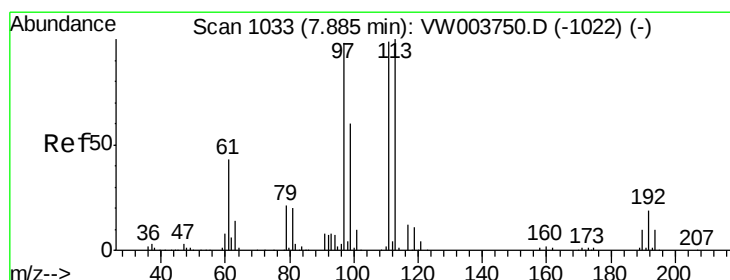
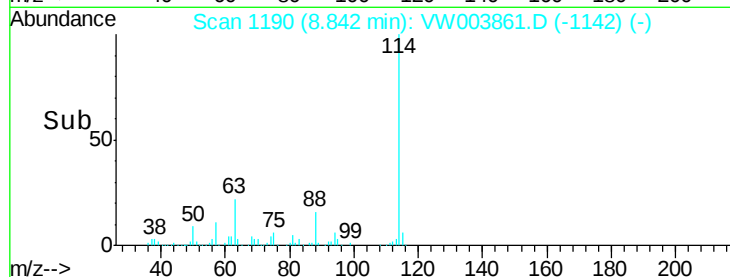
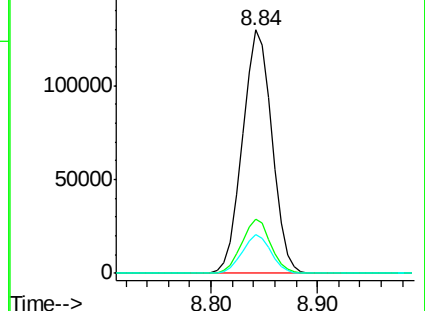
88 15.8 0.0 30.2



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: 51.82 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW003861.D

Acq: 11 Jul 2018 09:06

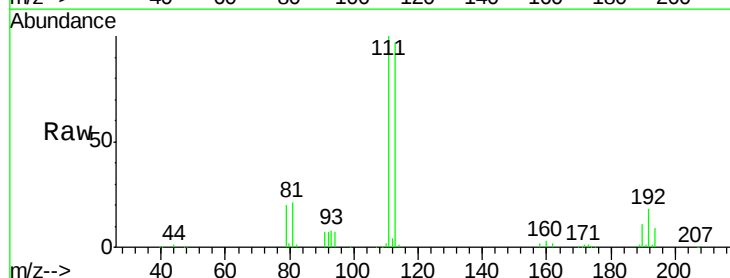
Tgt Ion:113 Resp: 91647

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

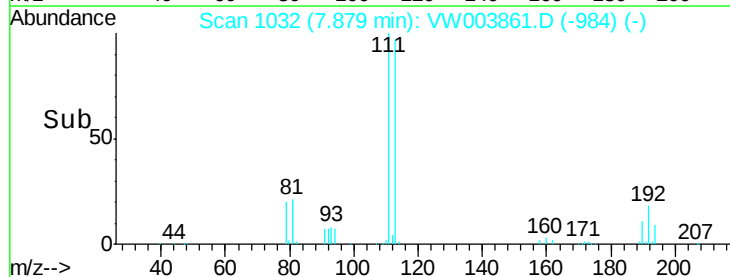
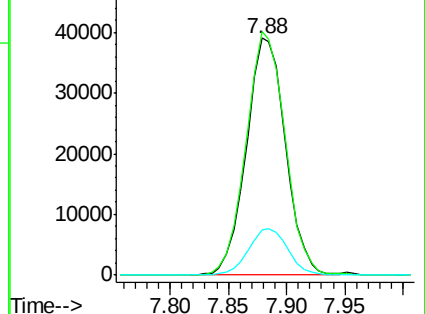
192 19.6 15.8 23.8

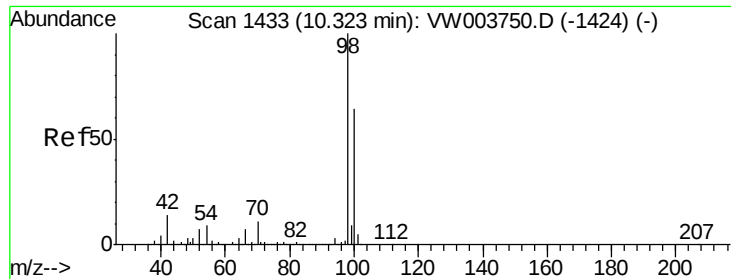


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.23 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003861.D

Acq: 11 Jul 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

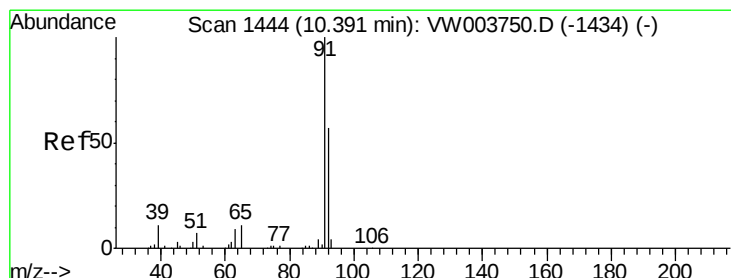
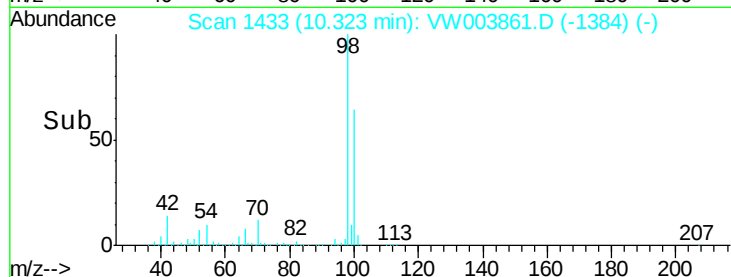
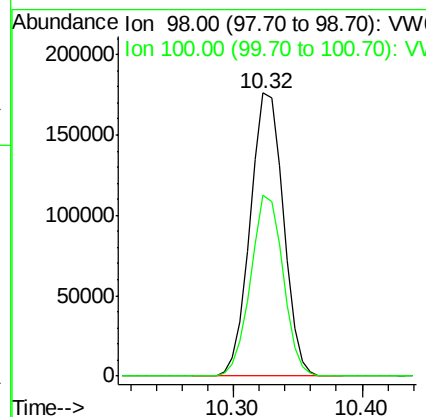
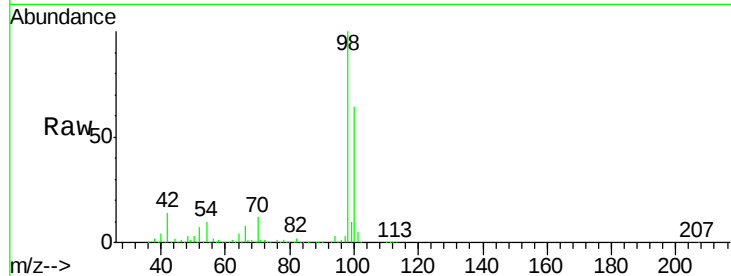
HD-02-071018

Tot Ion: 98 Resp: 312733

Ion Ratio Lower Upper

98 100

100 62.4 50.8 76.2



#52

Toluene

Concen: 4.63 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003861.D

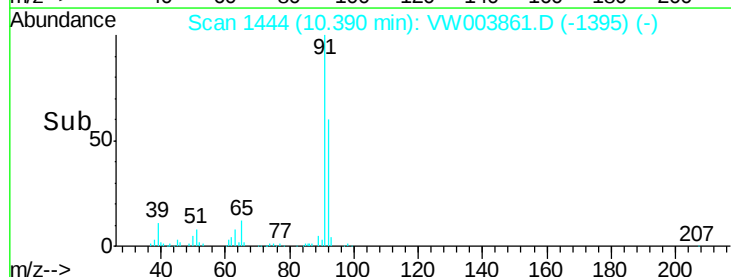
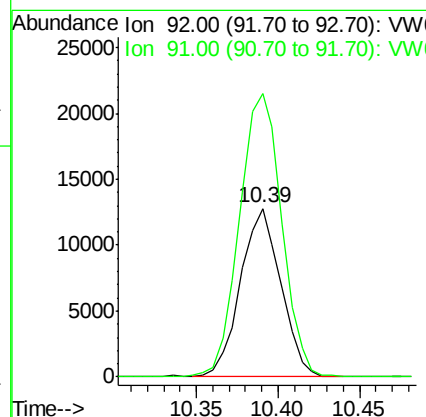
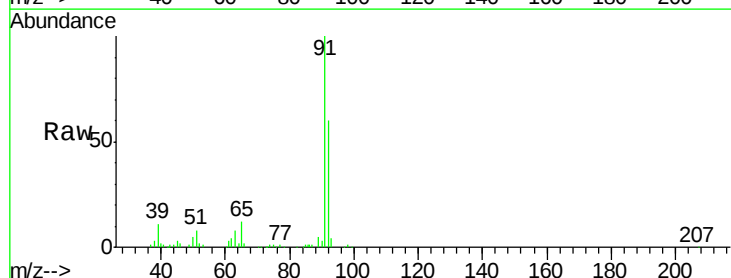
Acq: 11 Jul 2018 09:06

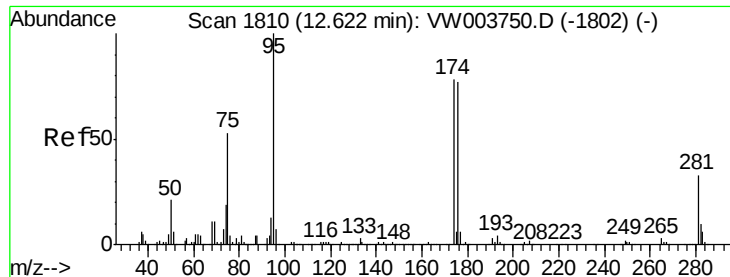
Tgt Ion: 92 Resp: 22024

Ion Ratio Lower Upper

92 100

91 176.0 140.6 211.0

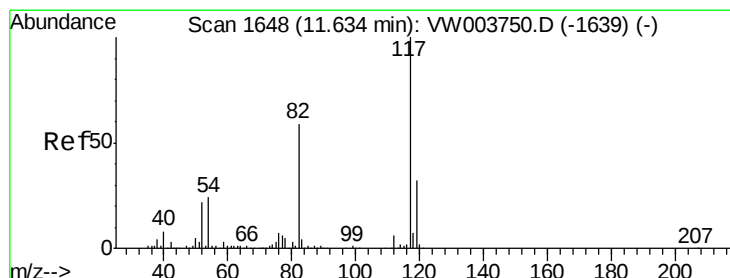
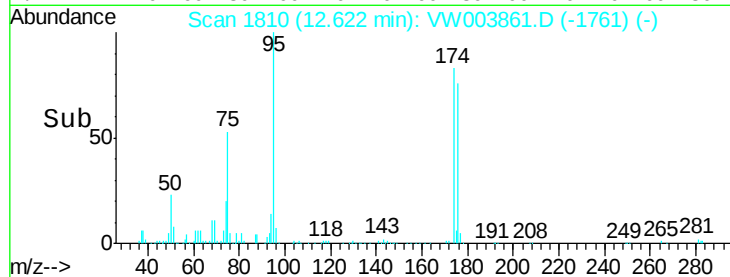
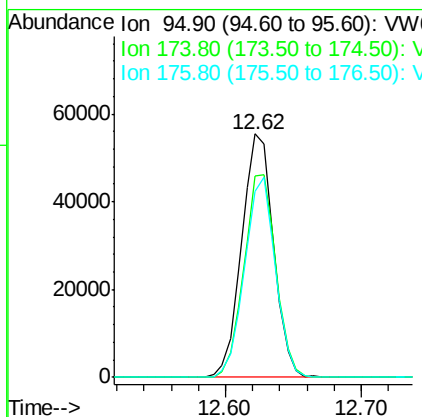
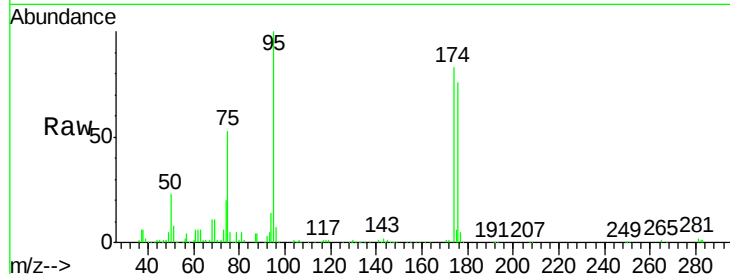




#62
 4-Bromofluorobenzene
 Concen: 37.02 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003861.D
 Acq: 11 Jul 2018 09:06

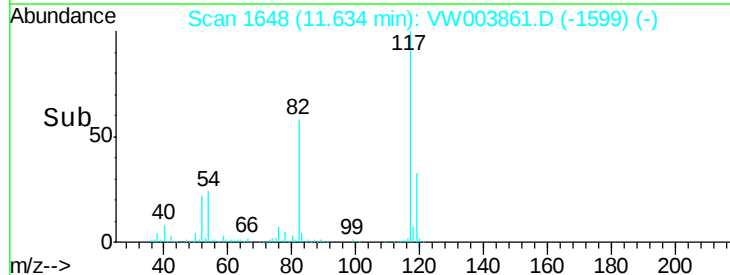
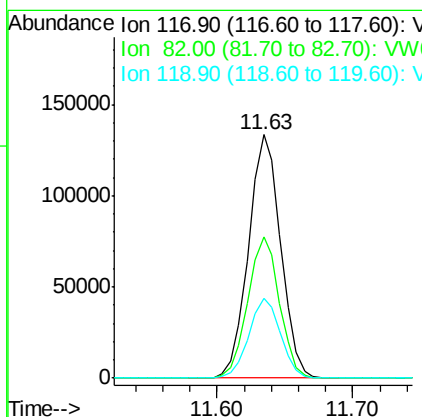
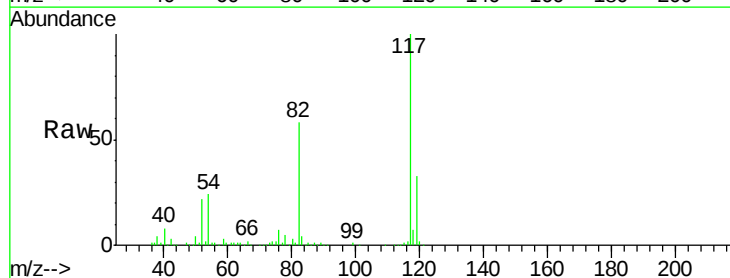
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-071018

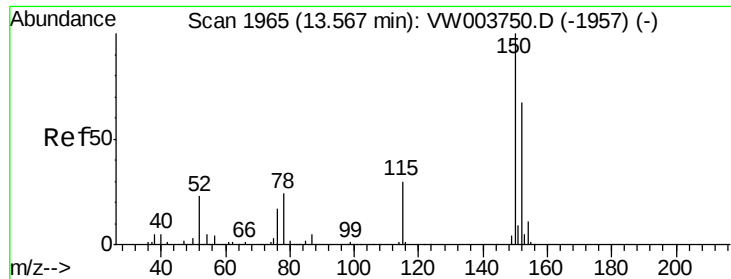
Tot Ion: 95 Resp: 90618
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 163.4
 176 79.6 0.0 156.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.63 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VW003861.D
 Acq: 11 Jul 2018 09:06

Tgt Ion: 117 Resp: 221006
 Ion Ratio Lower Upper
 117 100
 82 58.2 46.9 70.3
 119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003861.D

Acq: 11 Jul 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

HD-02-071018

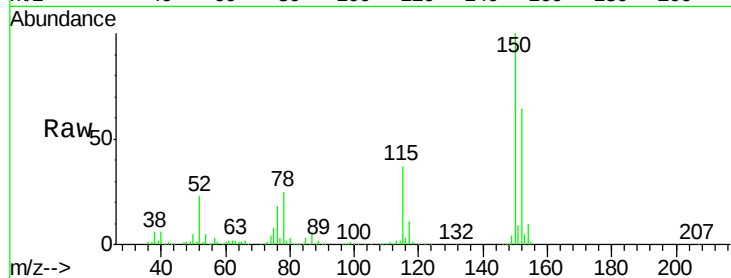
Tot Ion:152 Resp: 85261

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

150 157.1 0.0 342.4



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

