

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003937.D
 Acq On : 14 Jul 2018 00:56
 Operator : VA/AP
 Sample : J3821-05
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

Quant Time: Jul 14 01:54:22 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	184769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104679	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	132793	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	
35) Dibromofluoromethane	7.88	113	104648	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.33	98	376192	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.62	95	114937	37.22	ug/l	0.00
Spiked Amount			Recovery	=	74.44%	

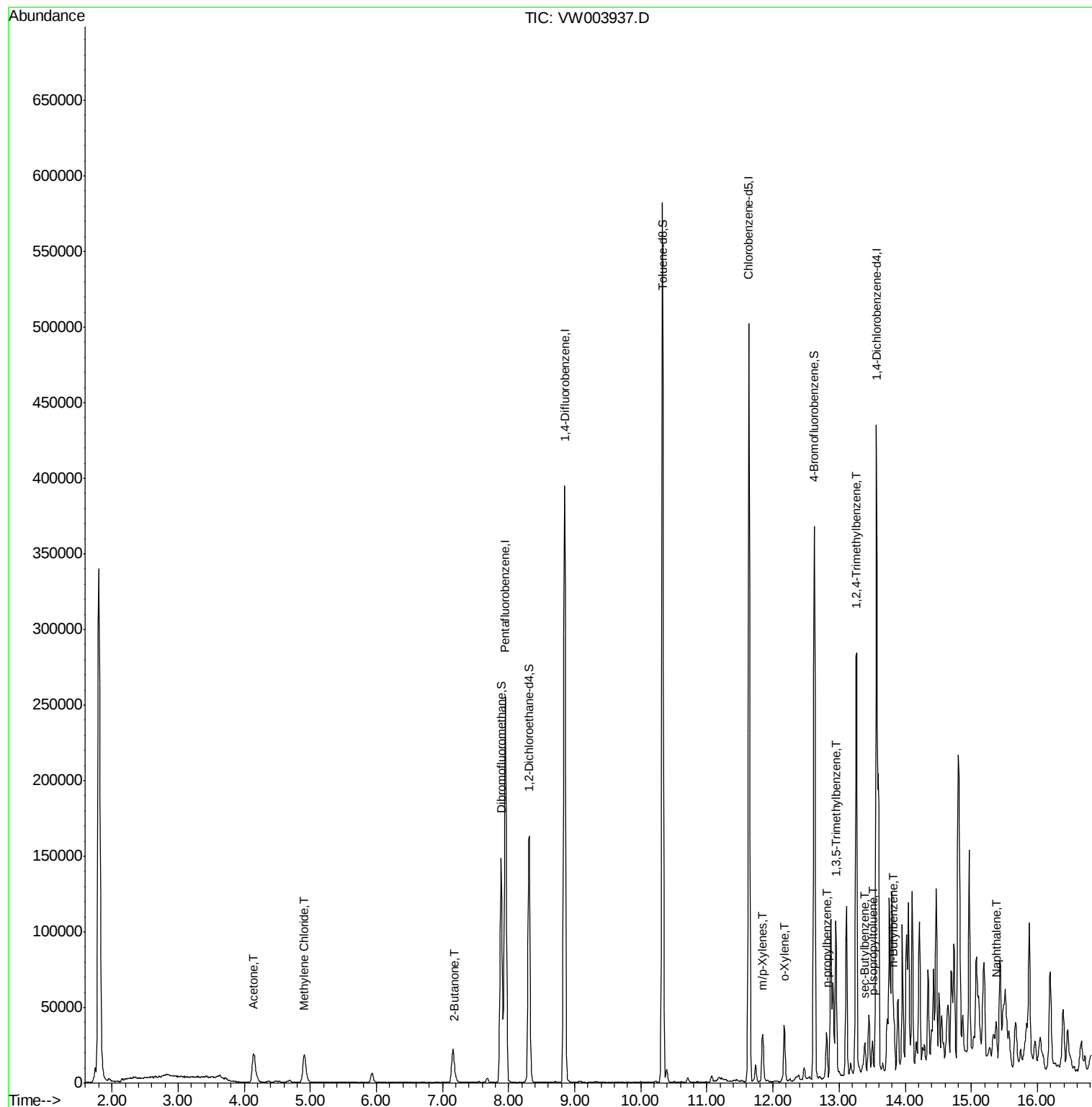
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	40693	97.07	ug/l	98
20) Methylene Chloride	4.90	84	14574	3.01	ug/l	97
25) 2-Butanone	7.19	43	4797	7.31	ug/l	94
68) m/p-Xylenes	11.84	106	8594	2.23	ug/l	94
69) o-Xylene	12.17	106	9287	2.62	ug/l	98
78) n-propylbenzene	12.81	91	21004	2.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47283	7.74	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	153068	24.11	ug/l	98
85) sec-Butylbenzene	13.39	105	10934	1.45	ug/l	81
86) p-Isopropyltoluene	13.51	119	9833	1.49	ug/l	97
89) n-Butylbenzene	13.83	91	15802	2.44	ug/l #	74
95) Naphthalene	15.38	128	14003	3.61	ug/l #	94

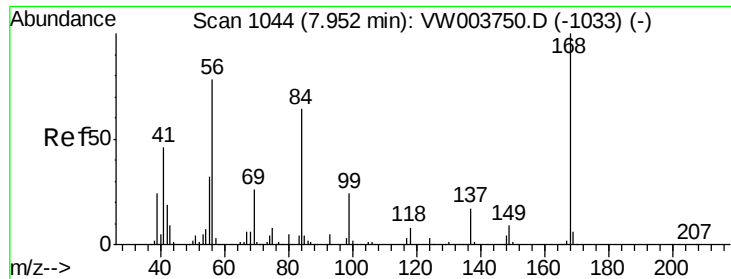
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003937.D

Acq: 14 Jul 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

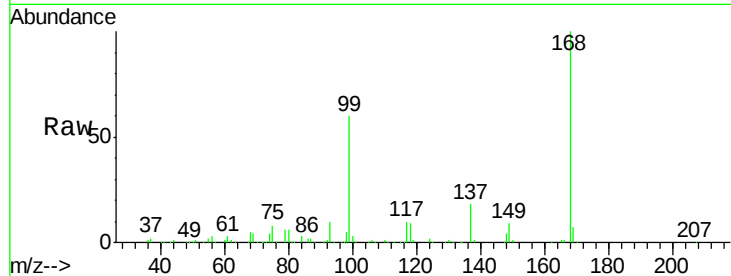
HR-05-071218-C

Tot Ion:168 Resp: 184769

Ion Ratio Lower Upper

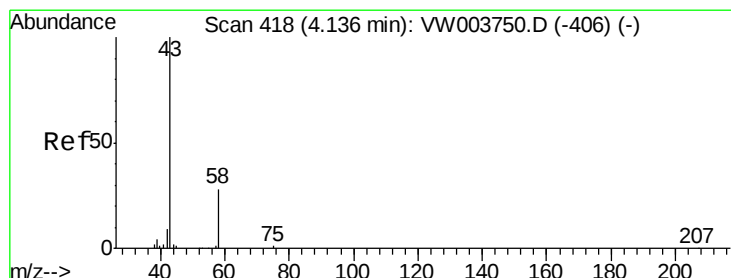
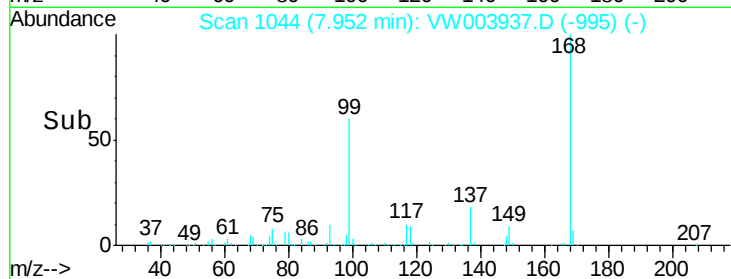
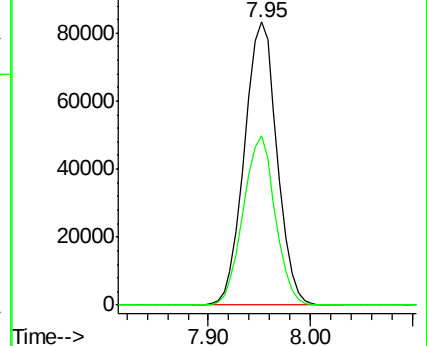
168 100

99 60.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 97.07 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003937.D

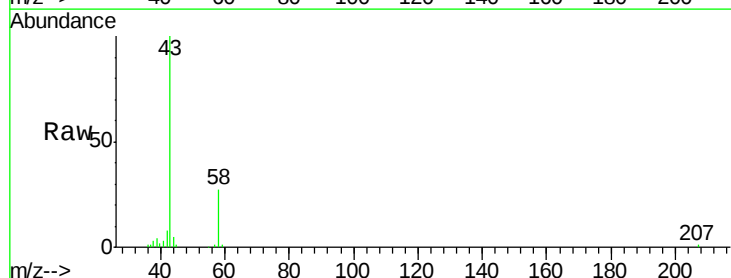
Acq: 14 Jul 2018 00:56

Tgt Ion: 43 Resp: 40693

Ion Ratio Lower Upper

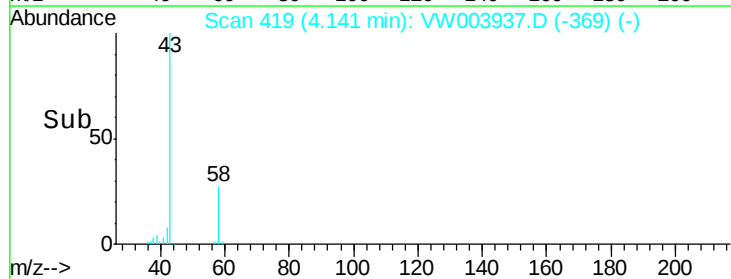
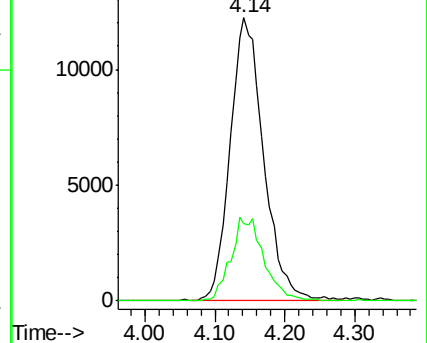
43 100

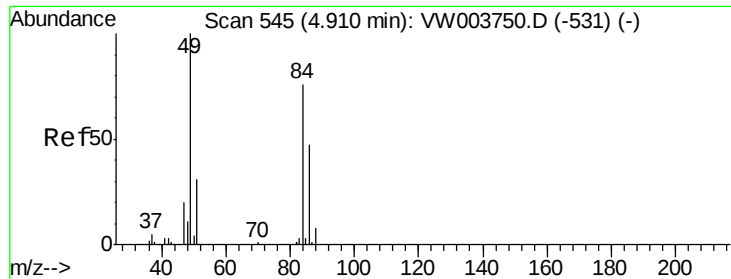
58 27.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

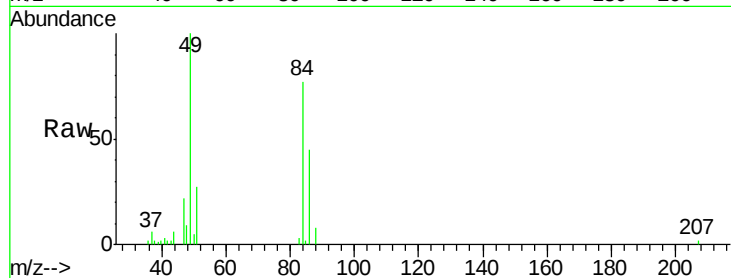




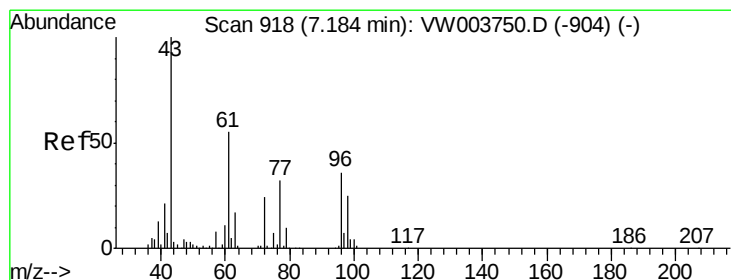
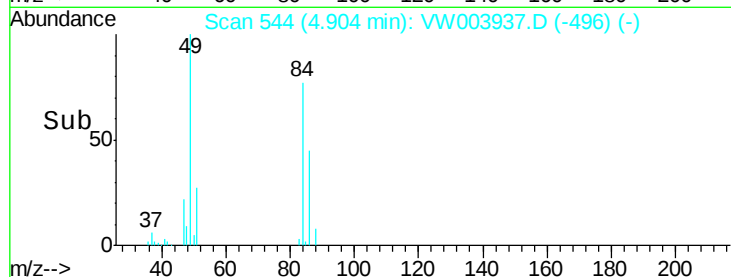
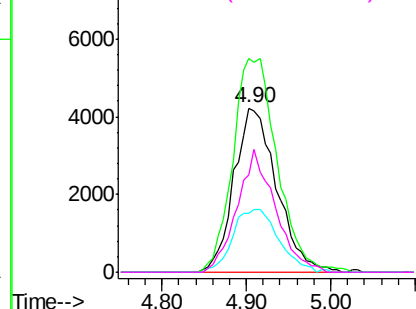
#20
Methvlene Chloride
Concen: 3.01 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

Tot Ion: 84 Resp: 14574
Ion Ratio Lower Upper
84 100
49 130.0 105.1 157.7
51 35.5 32.5 48.7
86 58.9 49.8 74.6

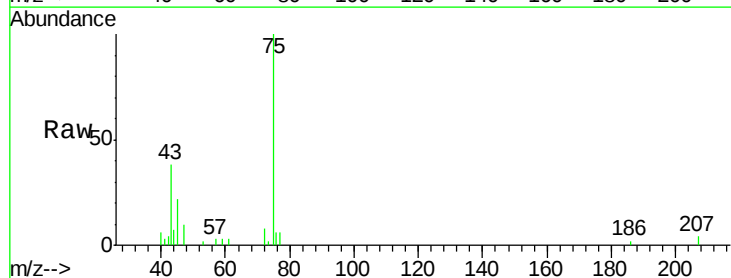


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

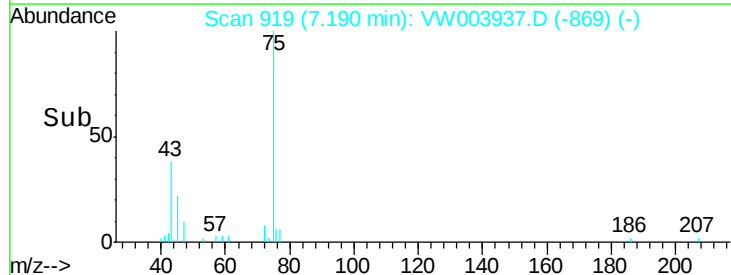
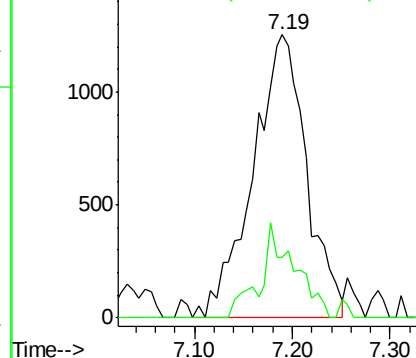


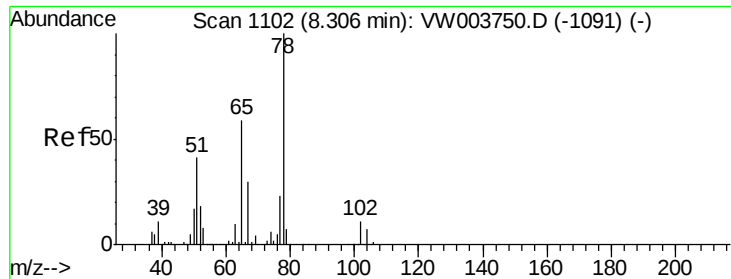
#25
2-Butanone
Concen: 7.31 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Tgt Ion: 43 Resp: 4797
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

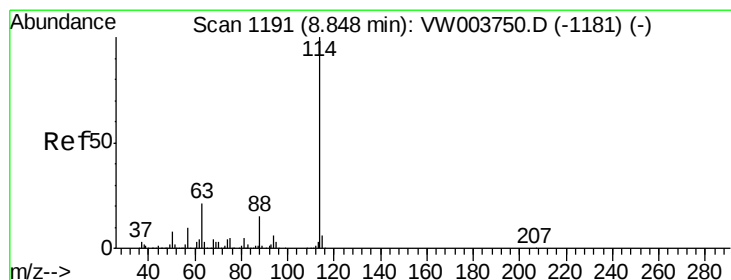
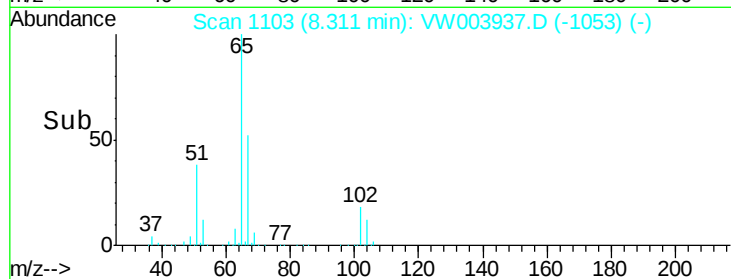
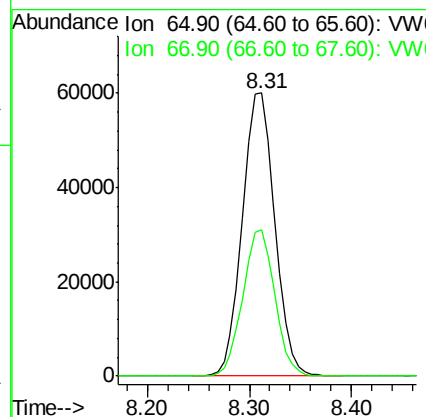
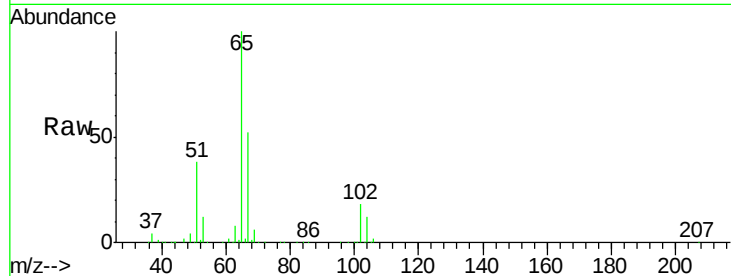




#33
 1,2-Dichloroethane-d4
 Concen: 54.96 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

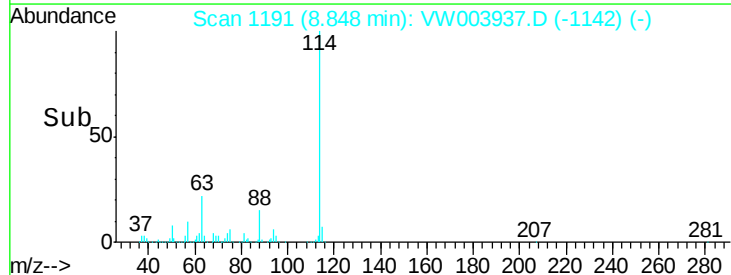
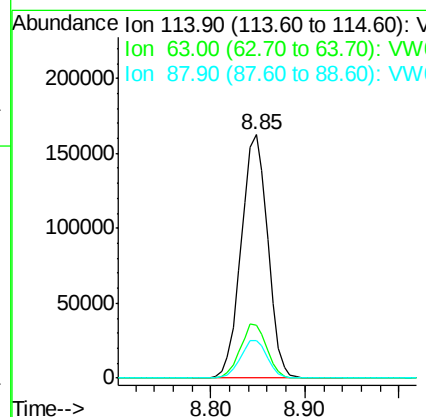
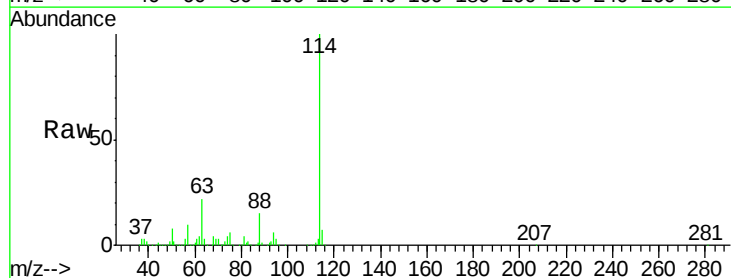
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

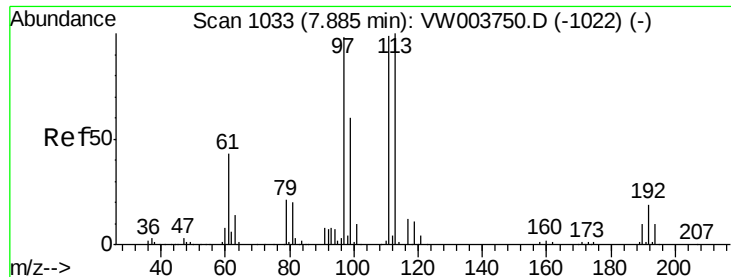
Tot Ion: 65 Resp: 132793
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

Tgt Ion: 114 Resp: 318803
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.8
 88 15.4 0.0 30.2

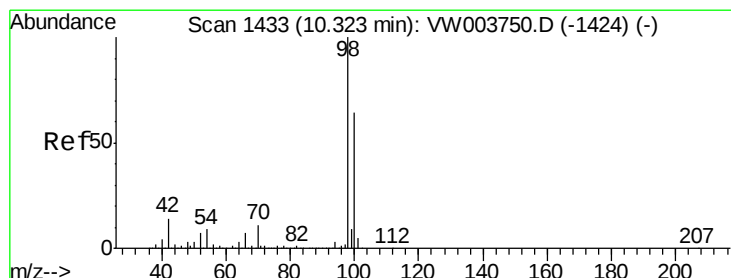
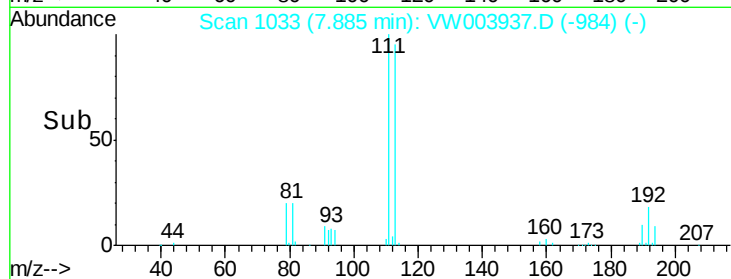
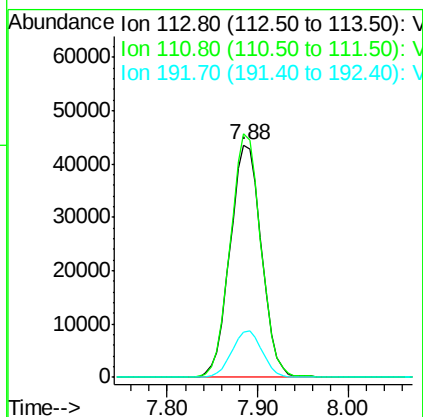
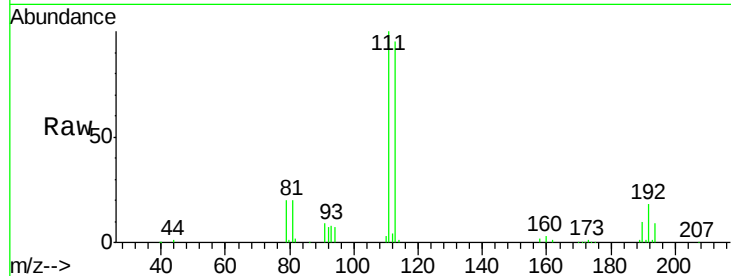




#35
 Dibromofluoromethane
 Concen: 46.90 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

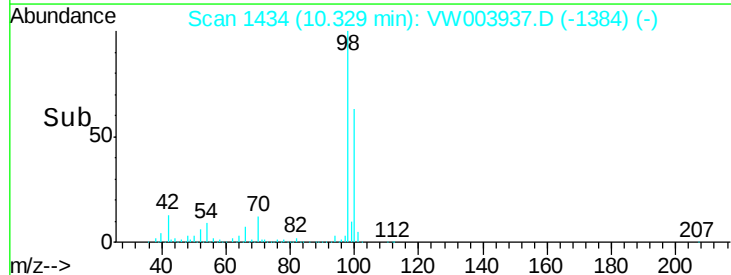
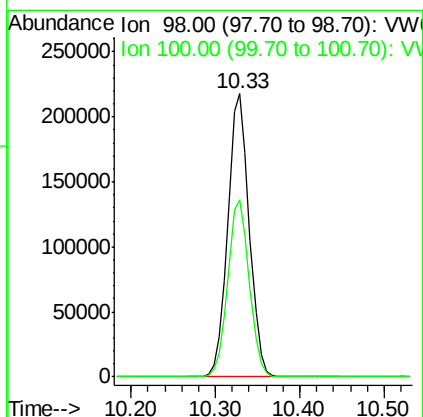
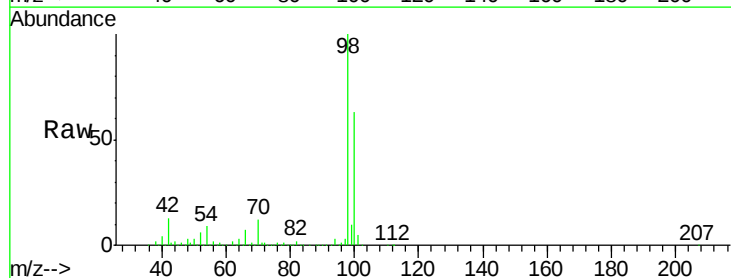
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

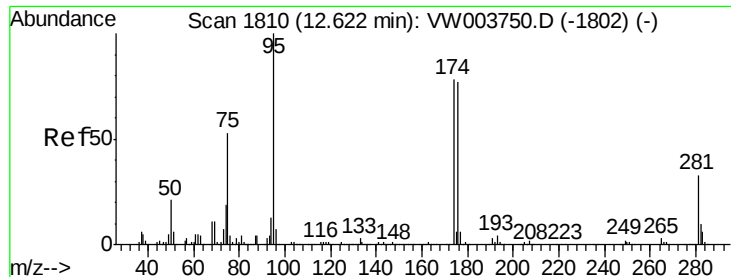
Tot Ion:113 Resp: 104648
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 19.4 15.8 23.8



#50
 Toluene-d8
 Concen: 44.08 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

Tgt Ion: 98 Resp: 376192
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.8 76.2

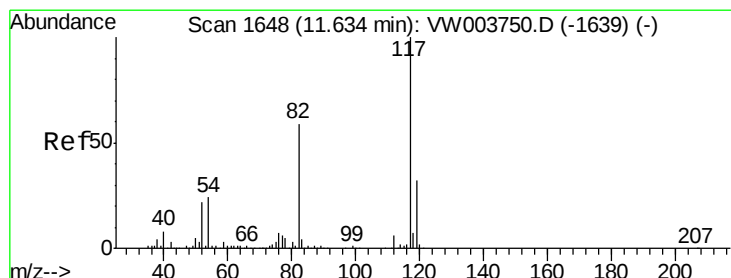
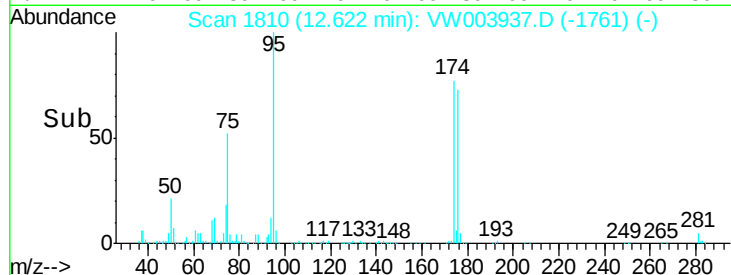
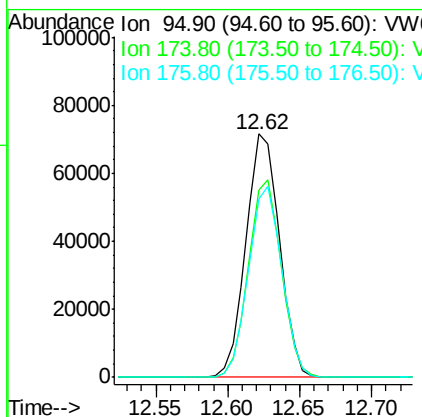
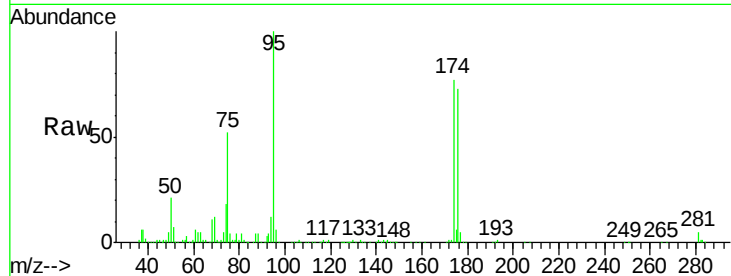




#62
4-Bromofluorobenzene
Concen: 37.22 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

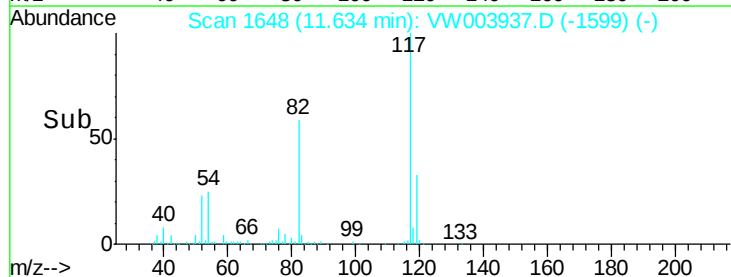
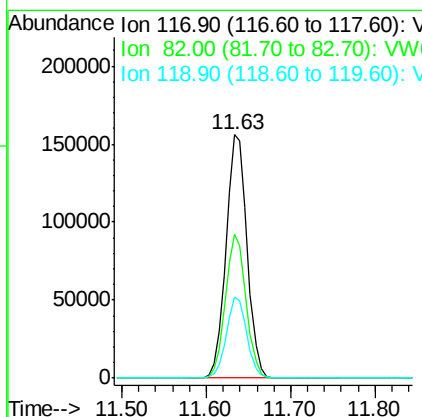
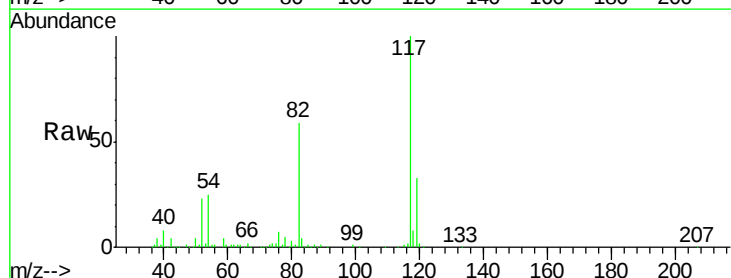
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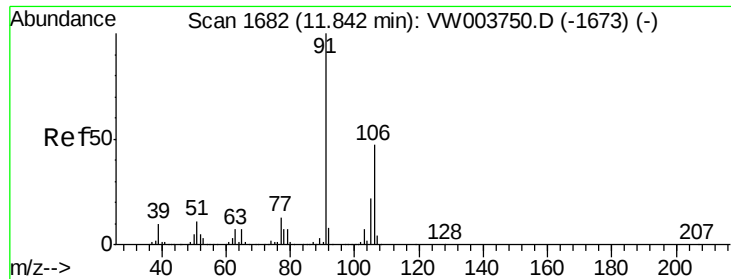
Tot Ion: 95 Resp: 114937
Ion Ratio Lower Upper
95 100
174 80.3 0.0 163.4
176 78.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Tgt Ion: 117 Resp: 266389
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 33.4 25.5 38.3

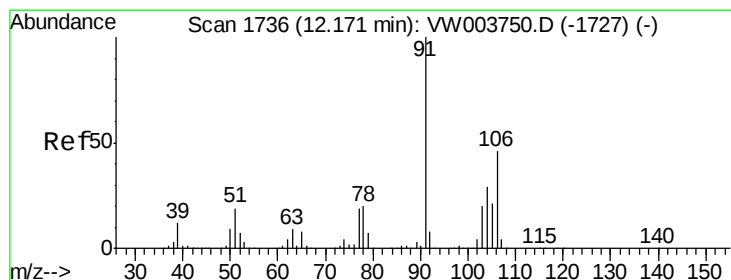
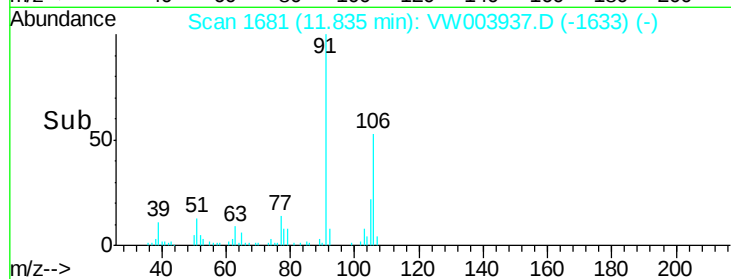
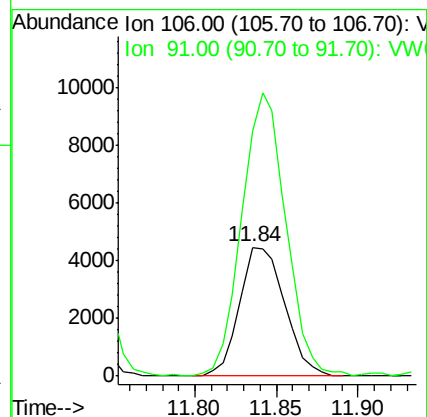
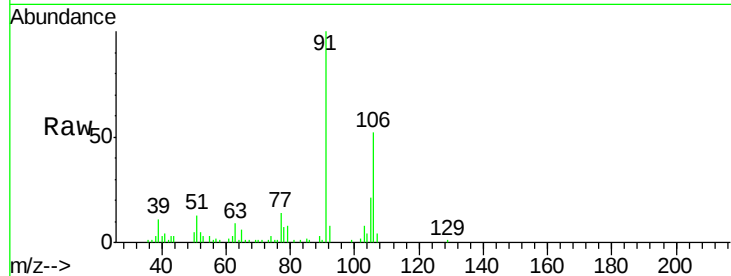




#68
m/p-Xylenes
Concen: 2.23 ug/l
RT: 11.84 min Scan# 1681
Delta R.T. -0.01 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

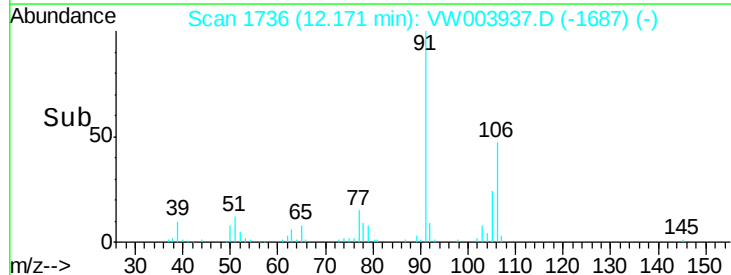
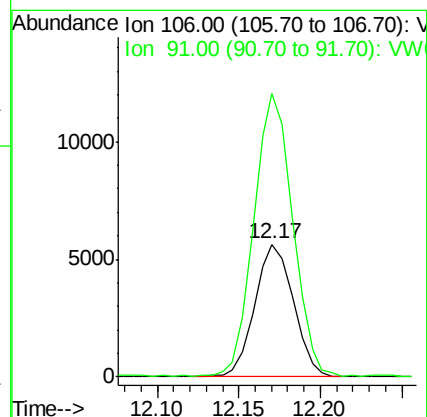
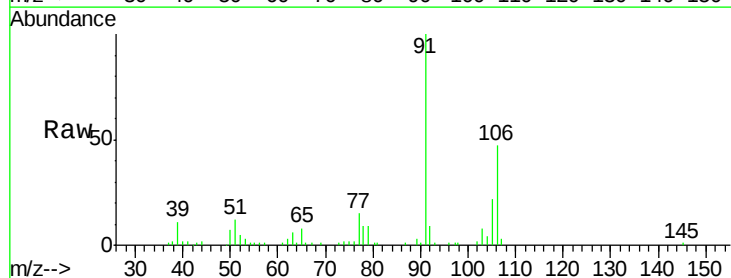
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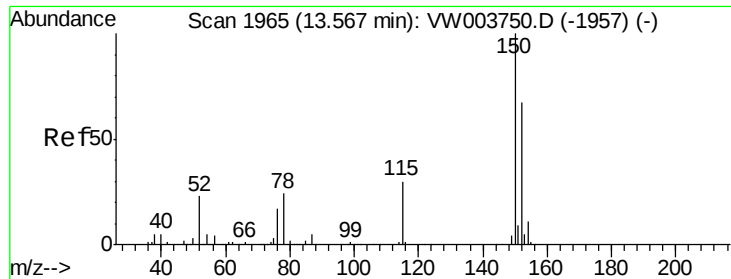
Tot Ion:106 Resp: 8594
Ion Ratio Lower Upper
106 100
91 214.9 164.3 246.5



#69
o-Xylene
Concen: 2.62 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Tgt Ion:106 Resp: 9287
Ion Ratio Lower Upper
106 100
91 214.7 109.1 327.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003937.D

Acq: 14 Jul 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-C

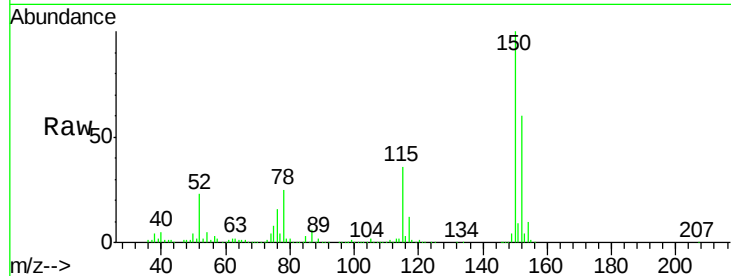
Tot Ion:152 Resp: 104679

Ion Ratio Lower Upper

152 100

115 63.2 28.9 86.8

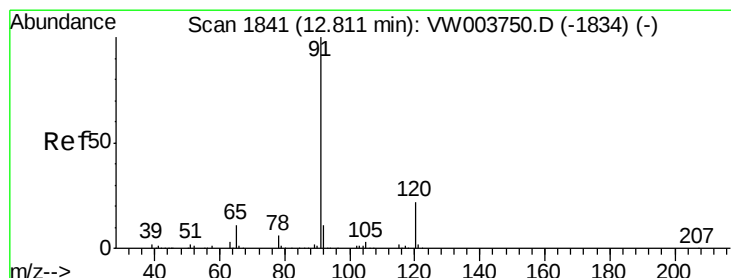
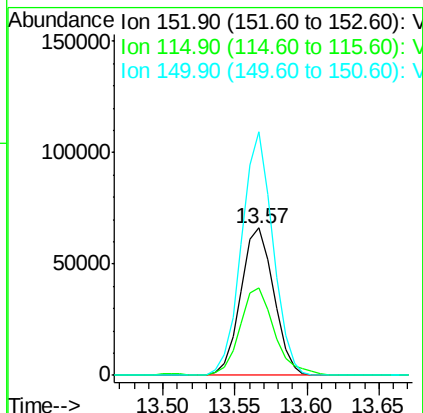
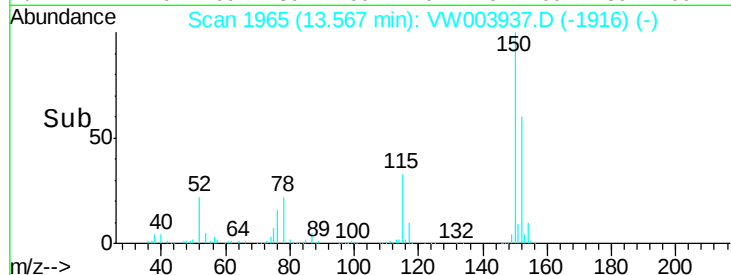
150 157.4 0.0 342.4



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



#78

n-propylbenzene

Concen: 2.36 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003937.D

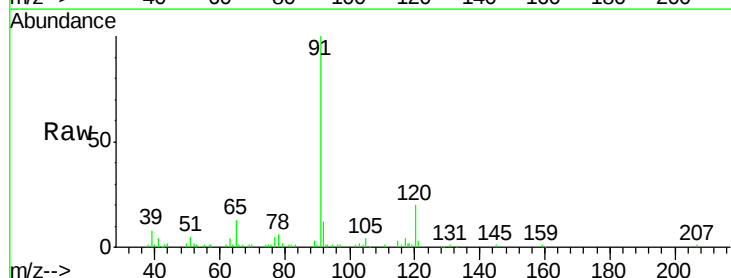
Acq: 14 Jul 2018 00:56

Tgt Ion: 91 Resp: 21004

Ion Ratio Lower Upper

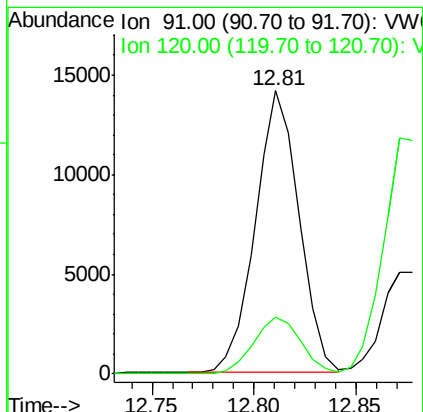
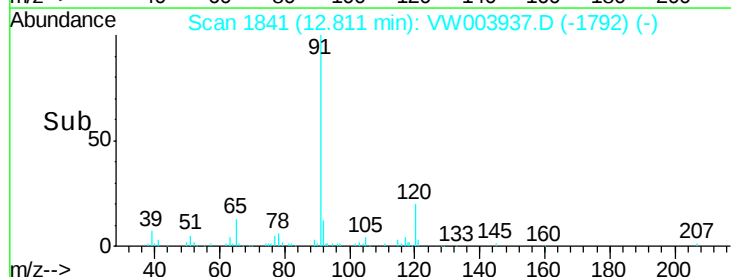
91 100

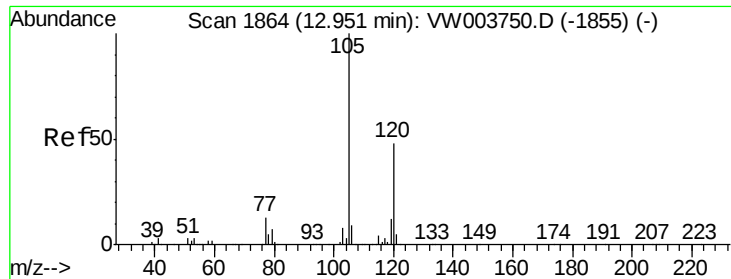
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

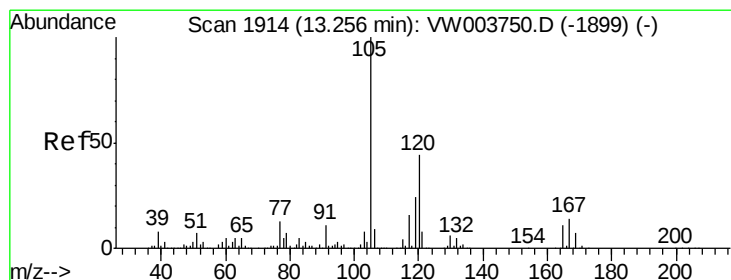
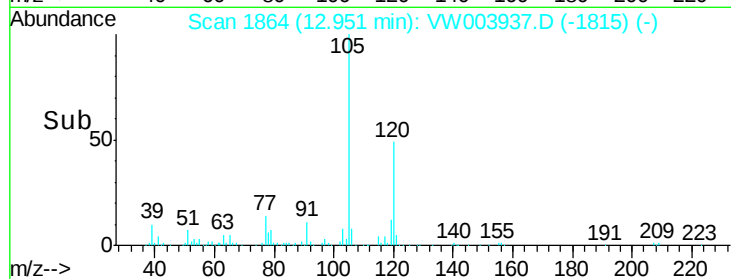
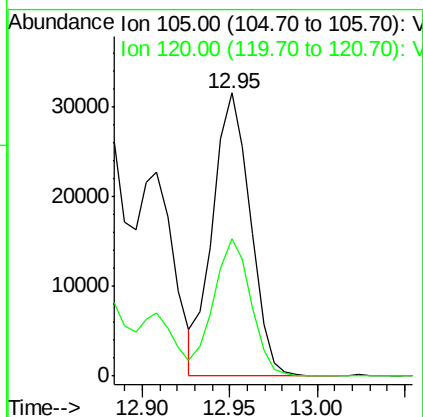
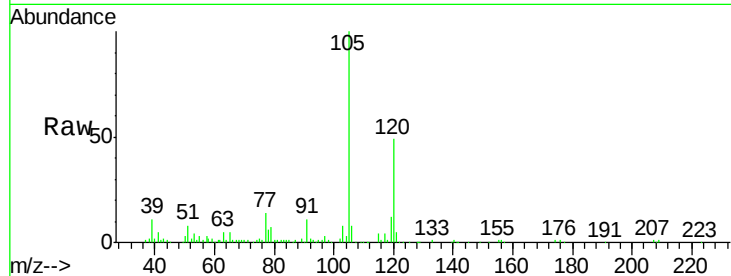




#80
 1,3,5-Trimethylbenzene
 Concen: 7.74 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

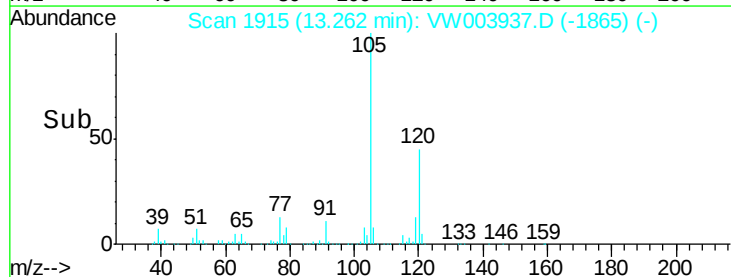
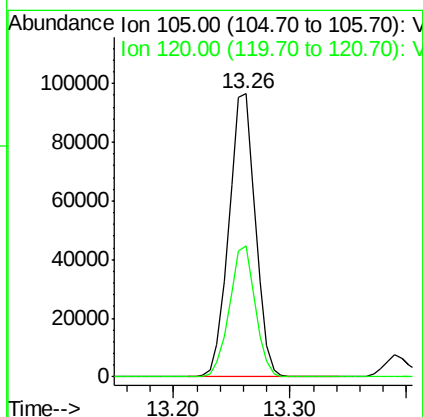
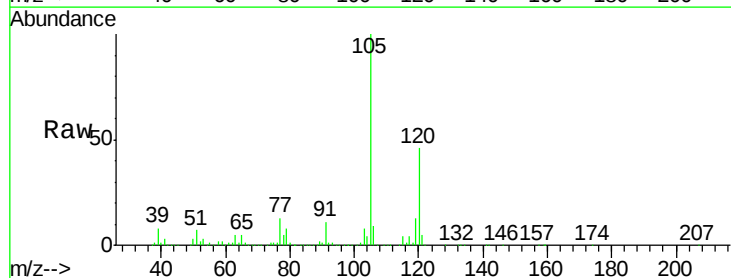
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

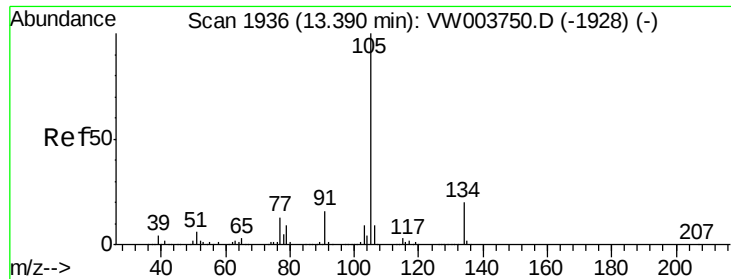
Tot Ion:105 Resp: 47283
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.2 72.6



#84
 1,2,4-Trimethylbenzene
 Concen: 24.11 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

Tgt Ion:105 Resp: 153068
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.0 66.0

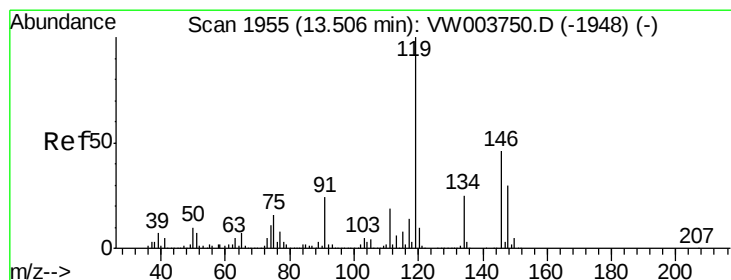
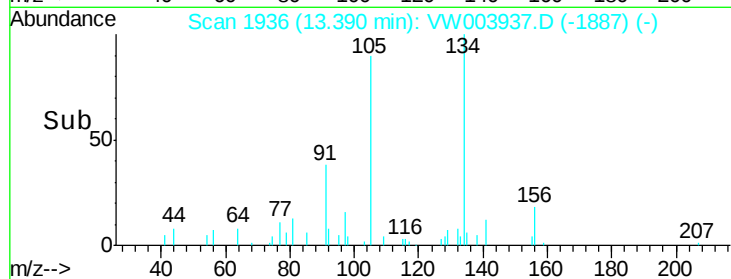
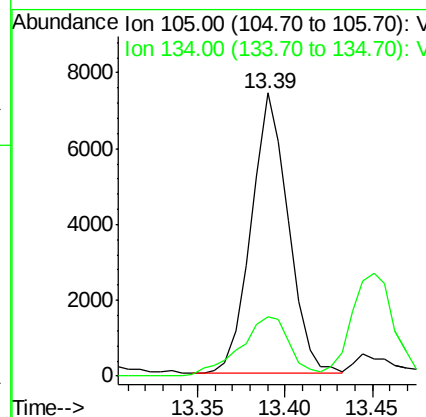
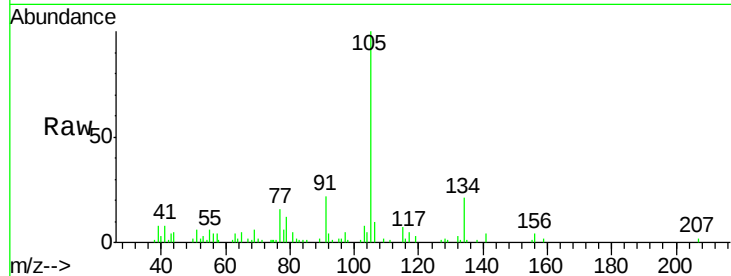




#85
 sec-Butylbenzene
 Concen: 1.45 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

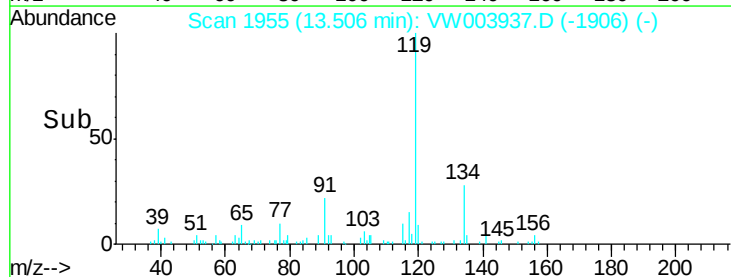
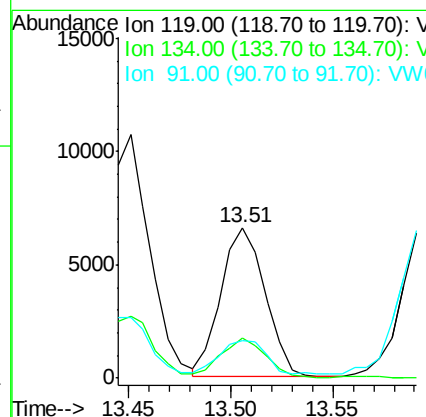
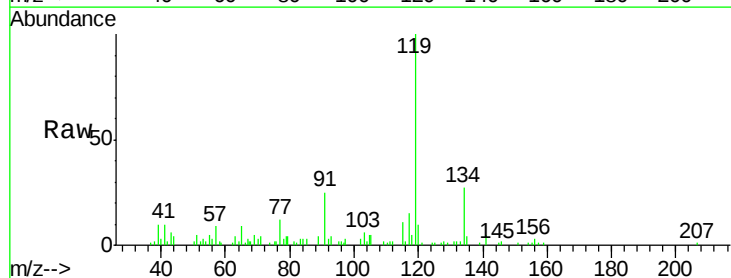
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

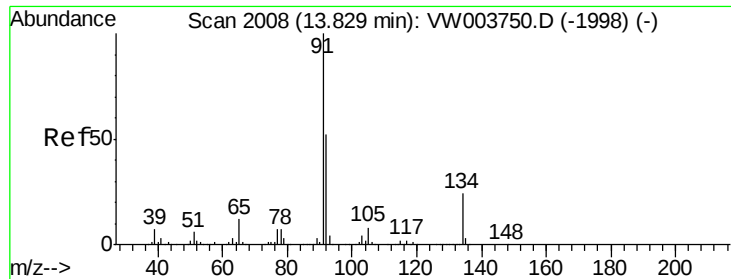
Tot Ion:105 Resp: 10934
 Ion Ratio Lower Upper
 105 100
 134 28.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 1.49 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003937.D
 Acq: 14 Jul 2018 00:56

Tgt Ion:119 Resp: 9833
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.1 39.1
 91 23.9 11.9 35.9

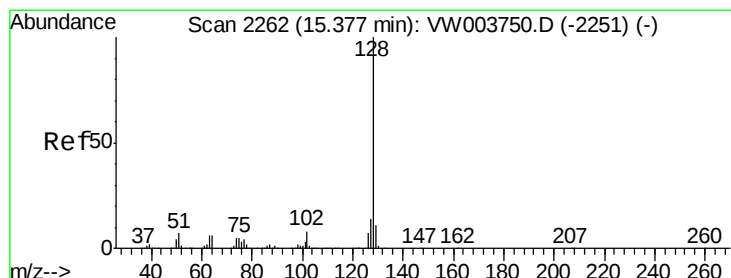
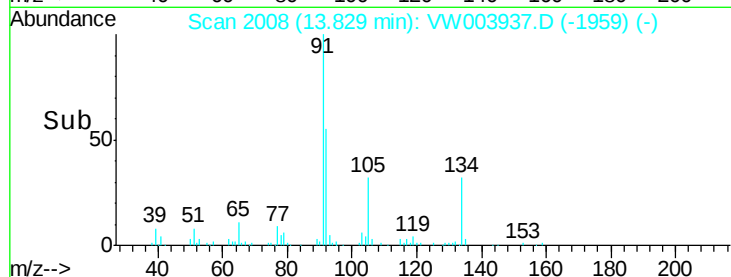
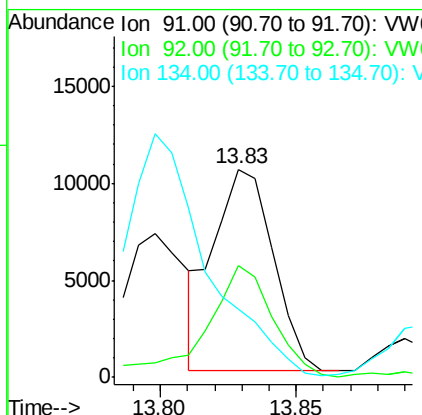
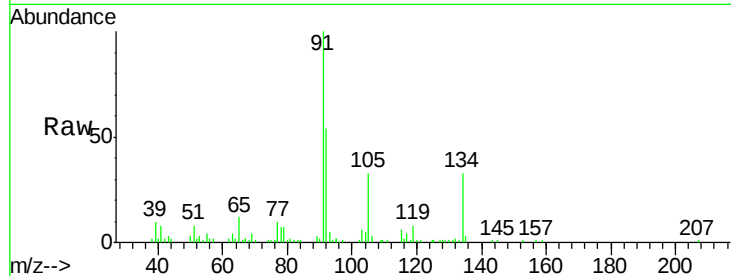




#89
n-Butylbenzene
Concen: 2.44 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

Tot Ion: 91 Resp: 15802
Ion Ratio Lower Upper
91 100
92 62.8 26.1 78.3
134 0.0 12.4 37.4#



#95
Naphthalene
Concen: 3.61 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003937.D
Acq: 14 Jul 2018 00:56

Tgt Ion: 128 Resp: 14003
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 15.0 8.6 13.0#

