

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005844.D
 Acq On : 04 Oct 2018 08:47
 Operator : SY/AP
 Sample : J5200-01RE
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-ARE

Quant Time: Oct 04 14:10:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

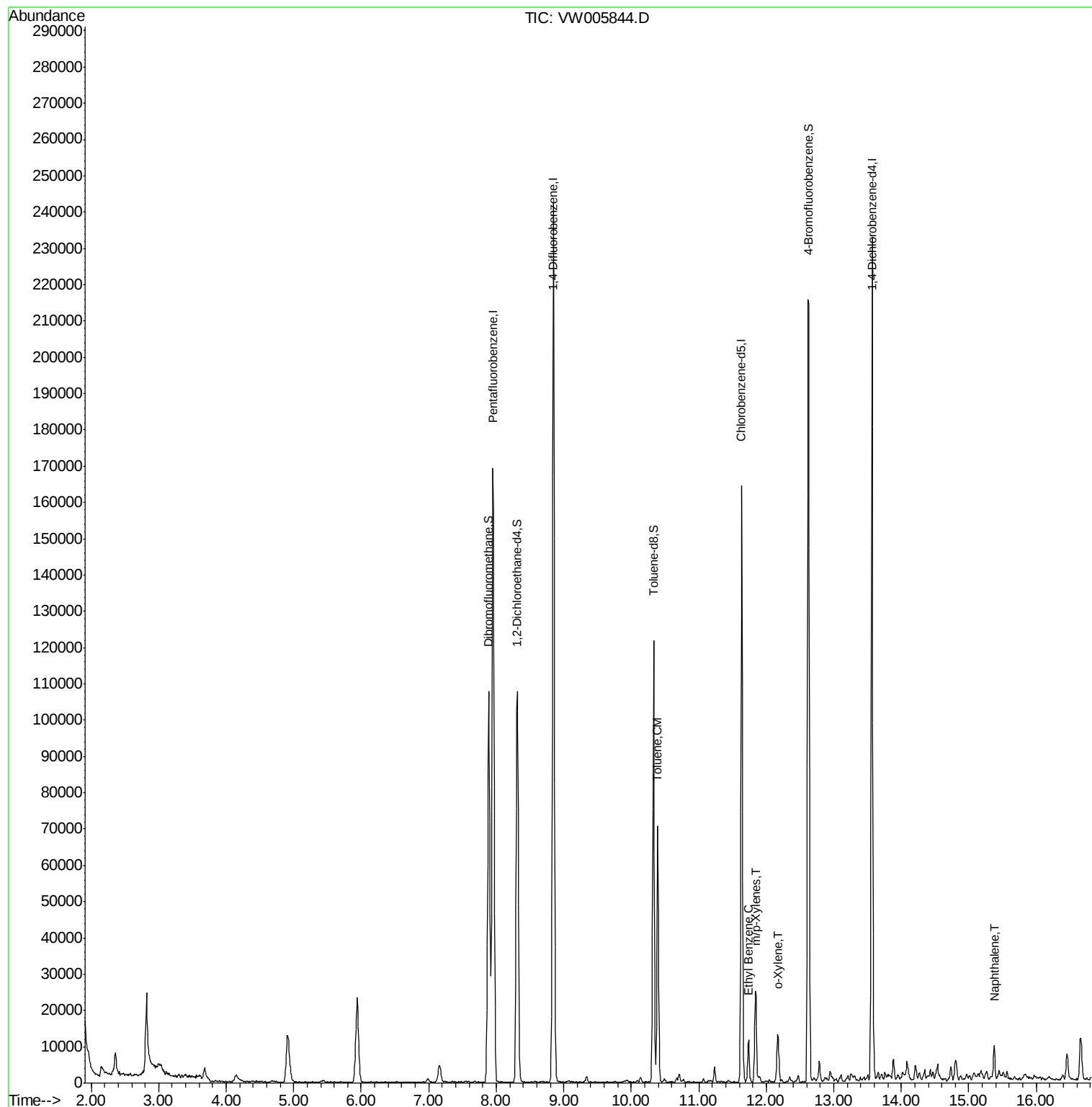
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	201194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90232	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	7.89	113	73868	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
50) Toluene-d8	10.33	98	77927	14.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.76%	
62) 4-Bromofluorobenzene	12.63	95	69094	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.42%	
Target Compounds						
52) Toluene	10.39	92	28246	7.646	ug/l	96
67) Ethyl Benzene	11.74	91	7566	2.201	ug/l	93
68) m/p-Xylenes	11.85	106	7829	5.910	ug/l	91
69) o-Xylene	12.17	106	3213	2.609	ug/l	96
95) Naphthalene	15.38	128	8179	5.241	ug/l	97

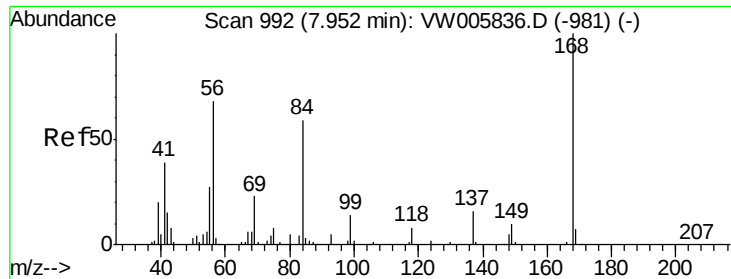
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100418\
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Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005844.D

Acq: 04 Oct 2018 08:47

Instrument :

MSVOA_W

ClientSampleId :

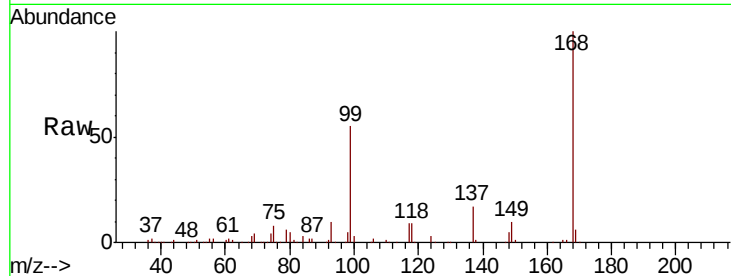
OR-02-100118-ARE

Tot Ion:168 Resp: 126037

Ion Ratio Lower Upper

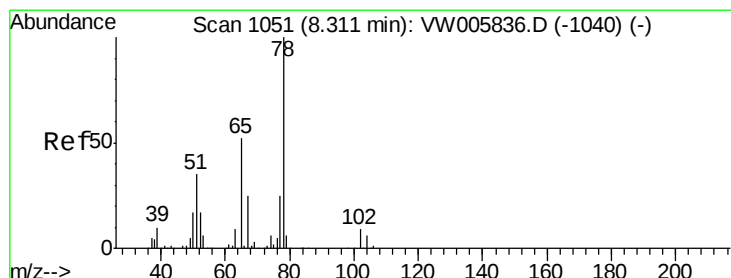
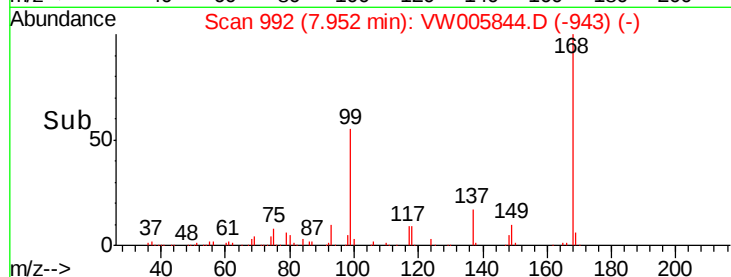
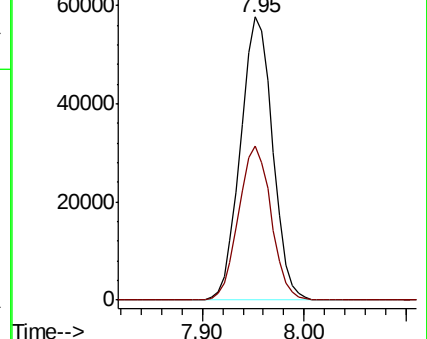
168 100

99 54.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.013 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005844.D

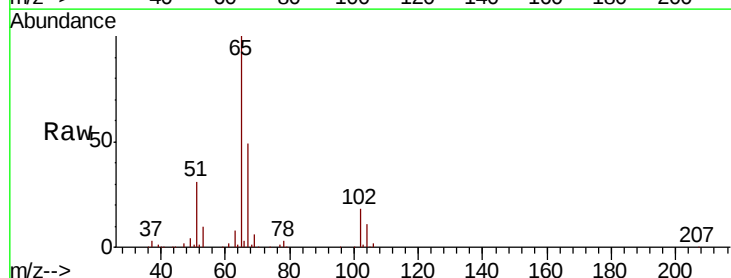
Acq: 04 Oct 2018 08:47

Tgt Ion: 65 Resp: 90232

Ion Ratio Lower Upper

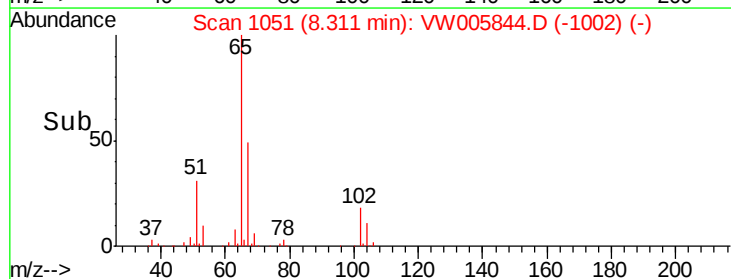
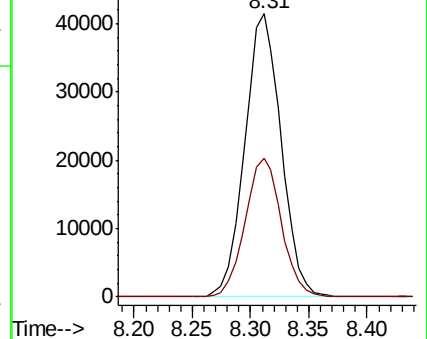
65 100

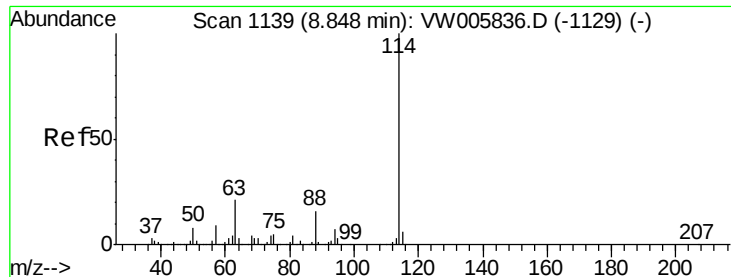
67 49.1 0.0 98.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

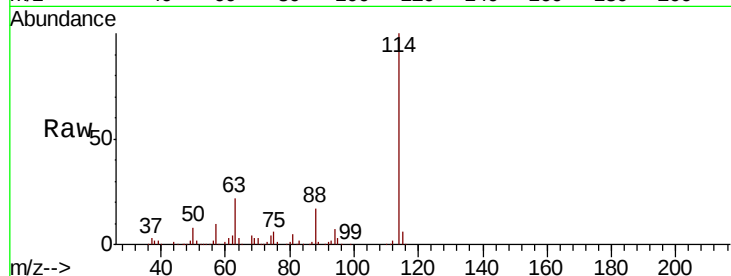




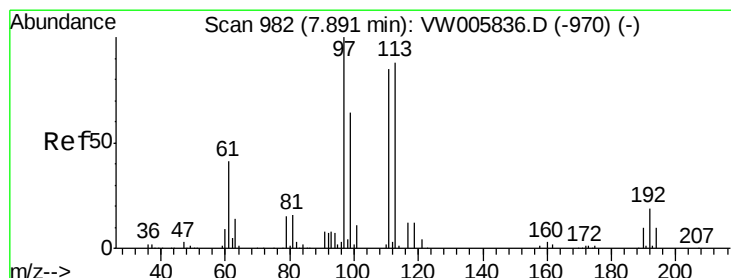
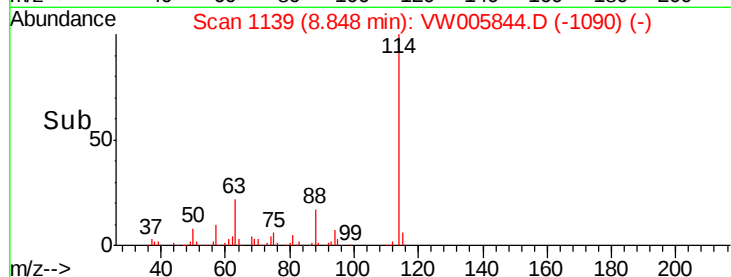
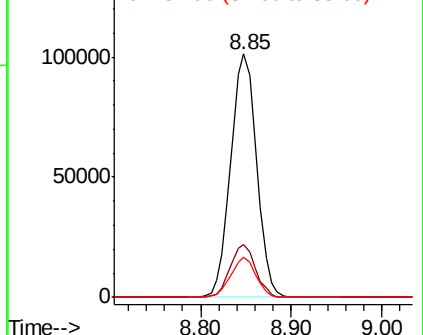
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005844.D
 Acq: 04 Oct 2018 08:47

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-ARE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.0
88	16.6	0.0	31.2

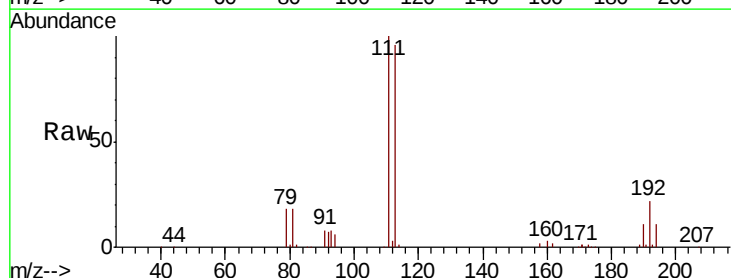


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

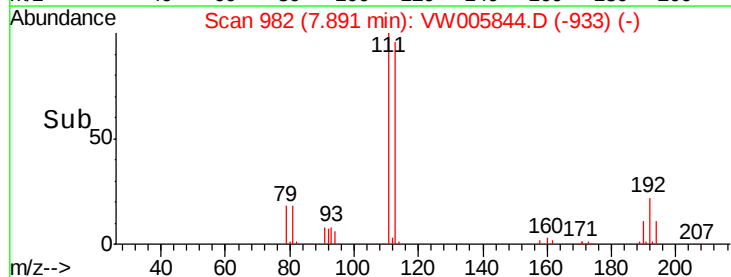
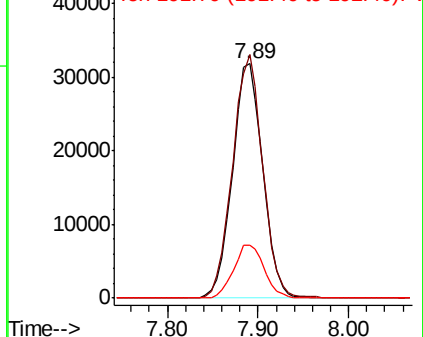


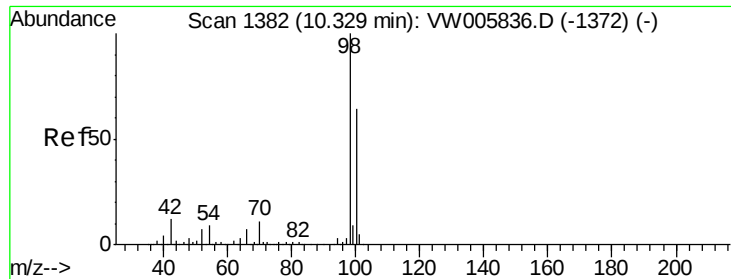
#35
 Dibromofluoromethane
 Concen: 56.015 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005844.D
 Acq: 04 Oct 2018 08:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	22.8	17.3	25.9



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: 14.882 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005844.D

Acq: 04 Oct 2018 08:47

Instrument :

MSVOA_W

ClientSampleId :

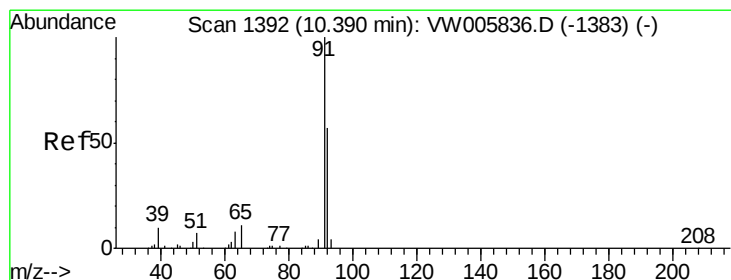
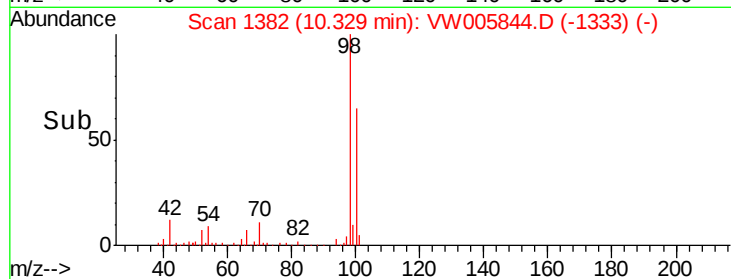
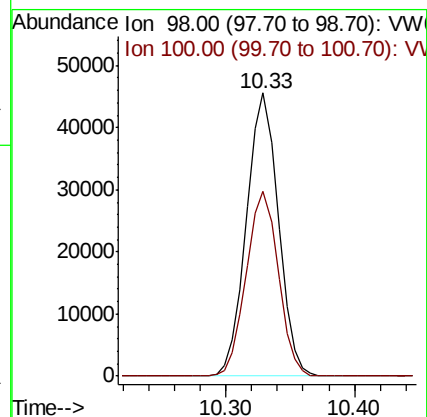
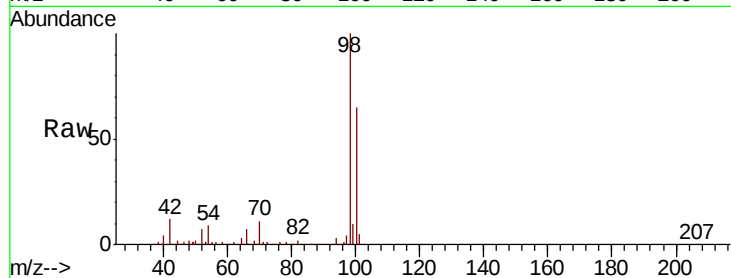
OR-02-100118-ARE

Tot Ion: 98 Resp: 77927

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



#52

Toluene

Concen: 7.646 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005844.D

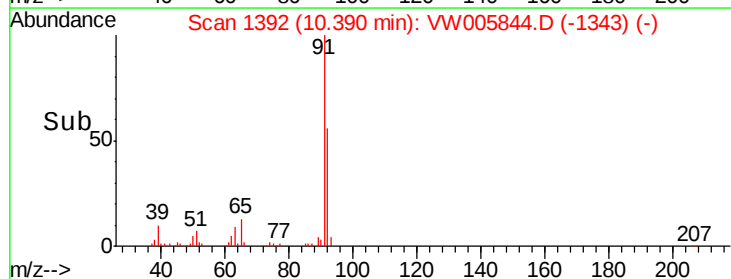
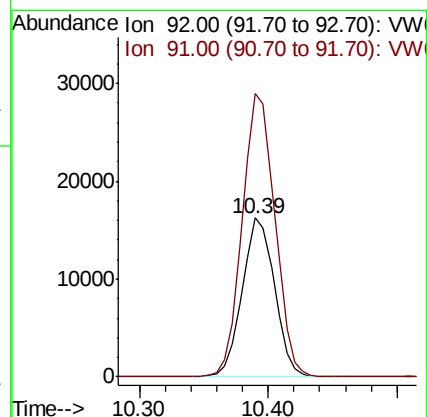
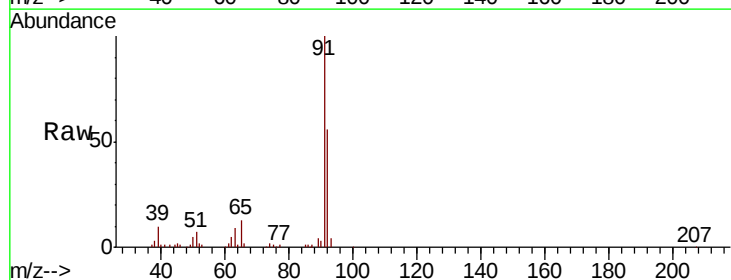
Acq: 04 Oct 2018 08:47

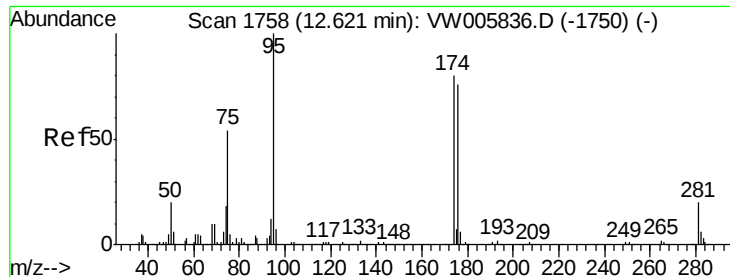
Tgt Ion: 92 Resp: 28246

Ion Ratio Lower Upper

92 100

91 179.6 139.0 208.4





#62

4-Bromofluorobenzene

Concen: 35.705 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005844.D

Acq: 04 Oct 2018 08:47

Instrument :

MSVOA_W

ClientSampleId :

OR-02-100118-ARE

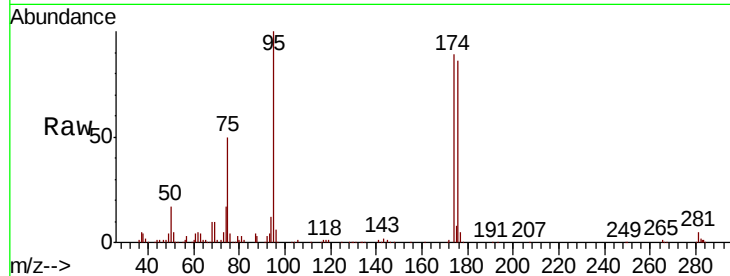
Tot Ion: 95 Resp: 69094

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.0

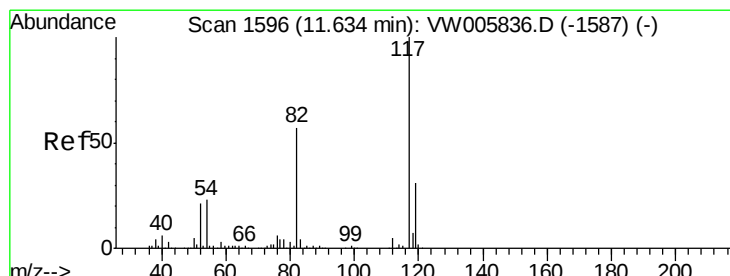
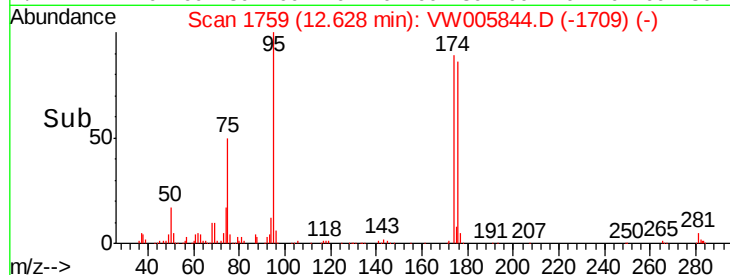
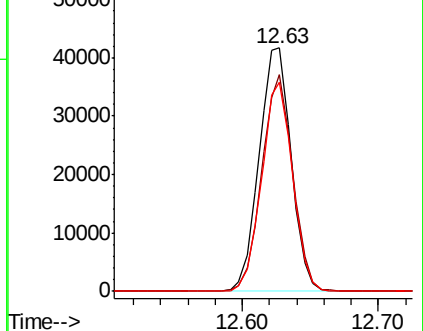
176 83.1 0.0 164.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005844.D

Acq: 04 Oct 2018 08:47

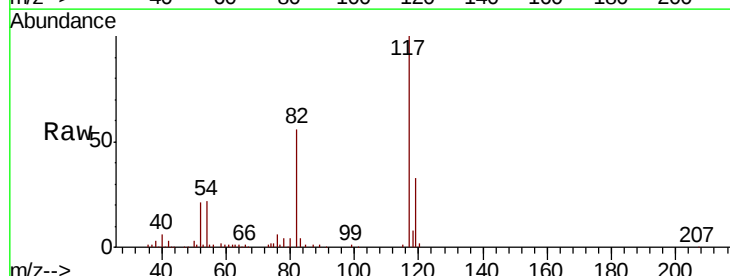
Tgt Ion: 117 Resp: 91820

Ion Ratio Lower Upper

117 100

82 55.7 45.6 68.4

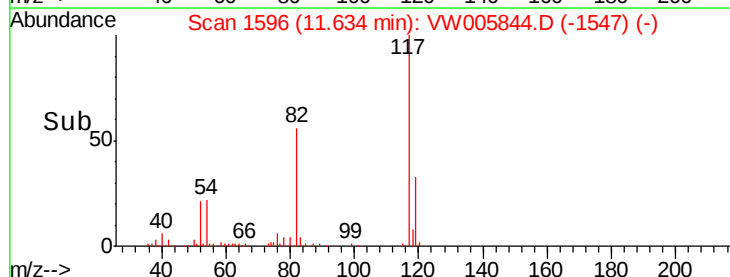
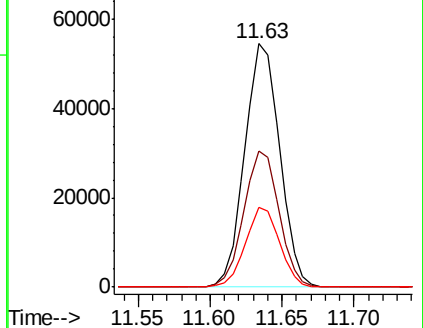
119 32.6 25.0 37.6

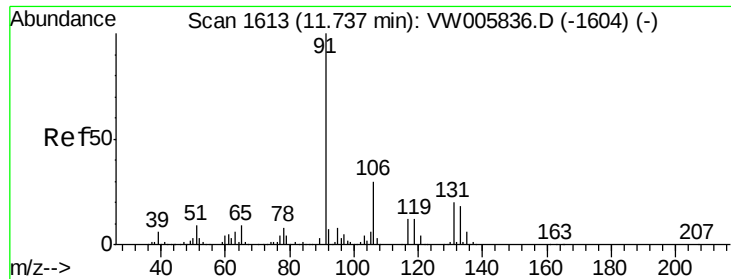


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

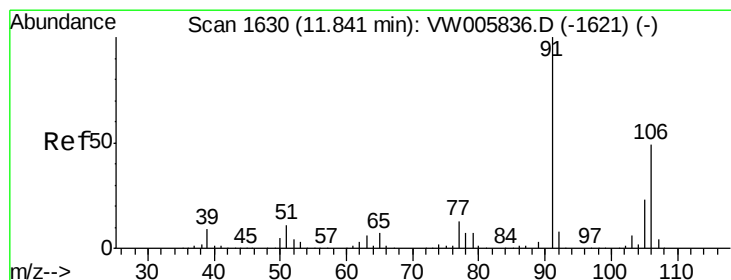
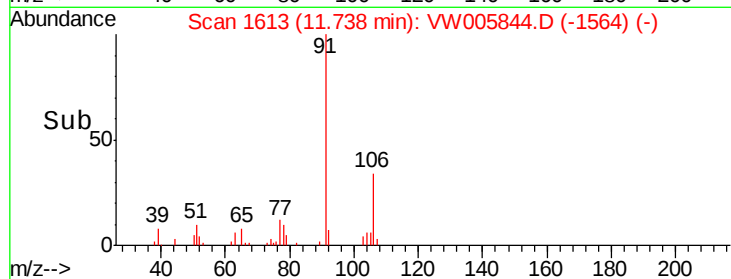
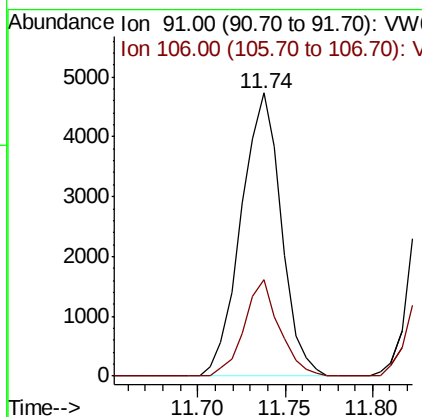
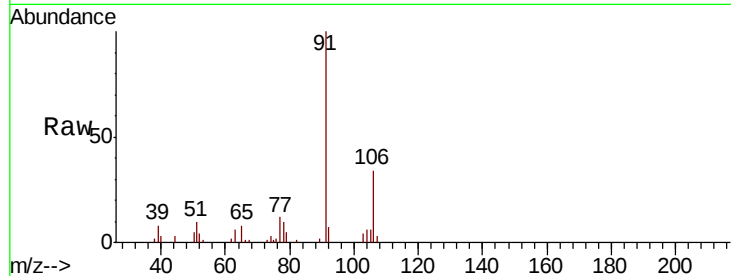




#67
Ethyl Benzene
Concen: 2.201 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005844.D
Acq: 04 Oct 2018 08:47

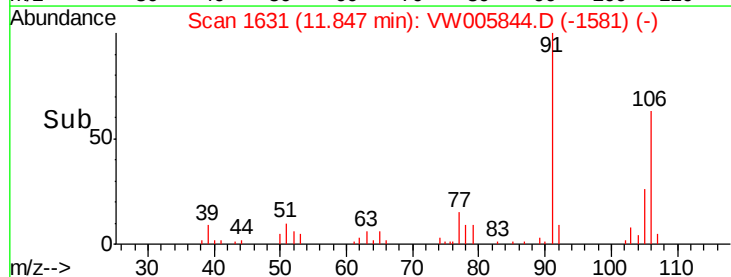
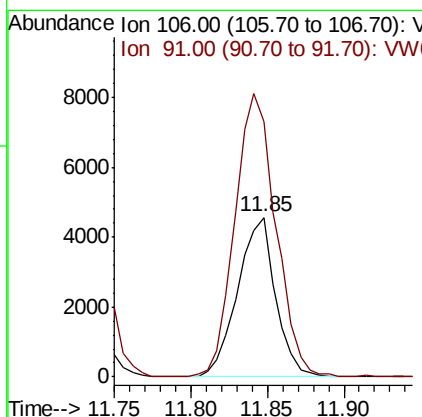
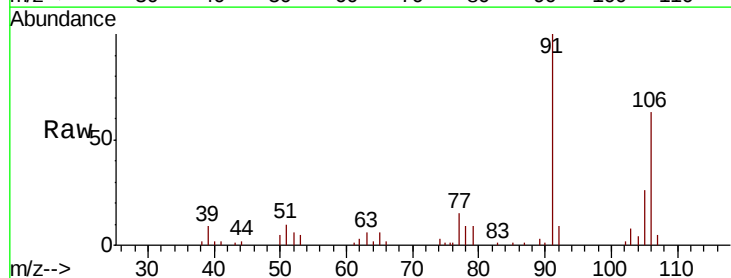
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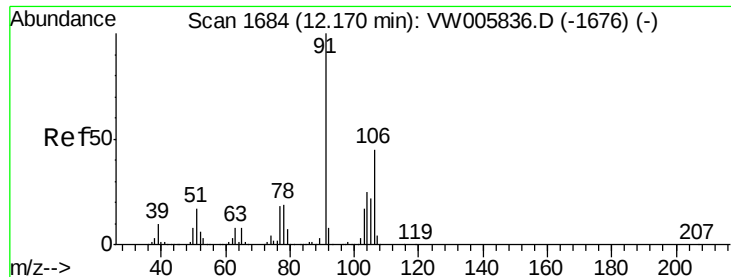
Tot Ion: 91 Resp: 7566
Ion Ratio Lower Upper
91 100
106 34.2 24.3 36.5



#68
m/p-Xylenes
Concen: 5.910 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005844.D
Acq: 04 Oct 2018 08:47

Tgt Ion: 106 Resp: 7829
Ion Ratio Lower Upper
106 100
91 192.2 165.4 248.0

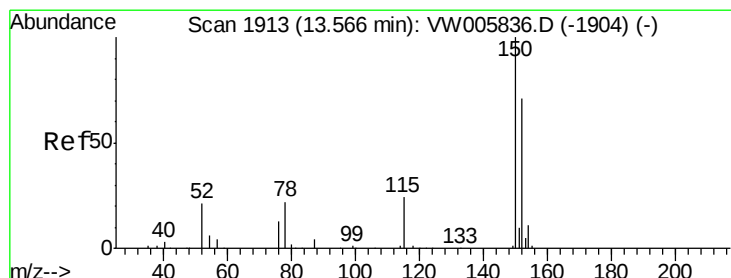
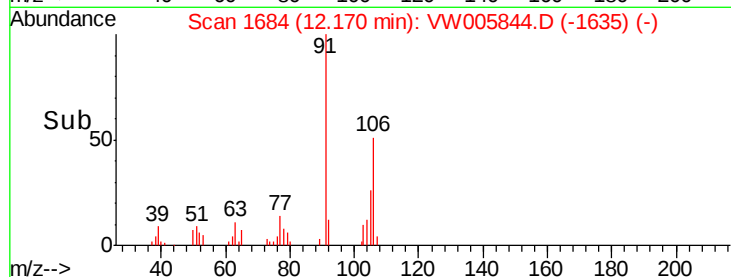
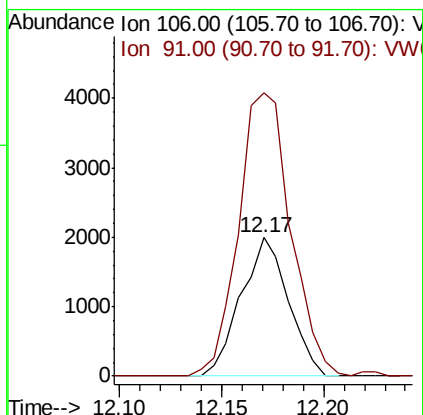
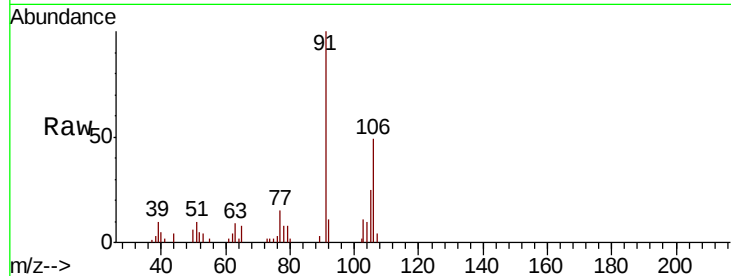




#69
o-Xylene
Concen: 2.609 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005844.D
Acq: 04 Oct 2018 08:47

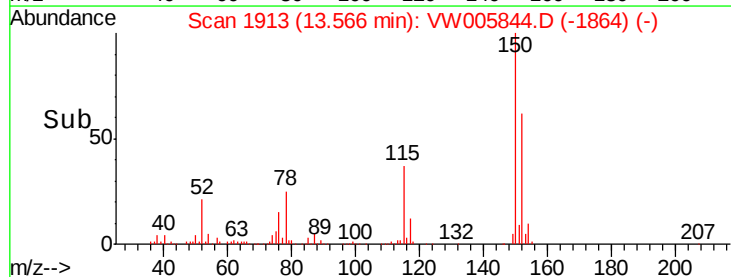
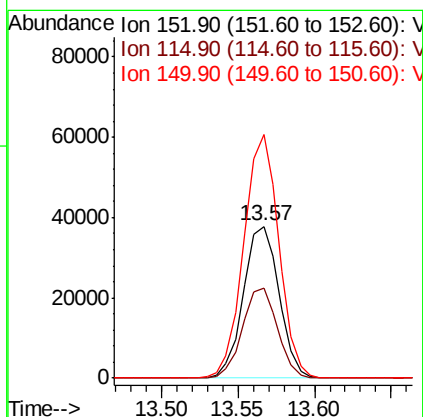
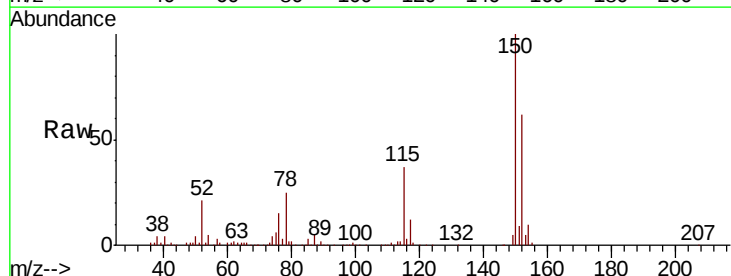
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MSVOA_W
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OR-02-100118-ARE

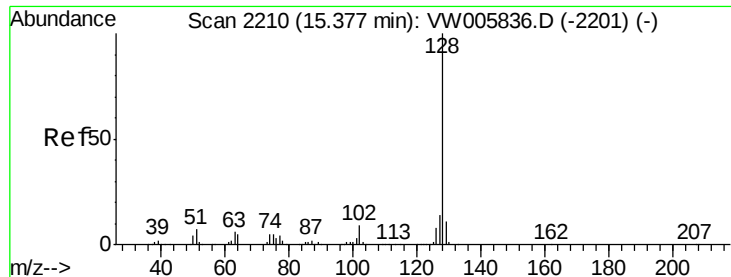
Tot Ion:106 Resp: 3213
Ion Ratio Lower Upper
106 100
91 225.8 109.7 329.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005844.D
Acq: 04 Oct 2018 08:47

Tgt Ion:152 Resp: 61187
Ion Ratio Lower Upper
152 100
115 58.4 29.8 89.4
150 157.5 0.0 349.4

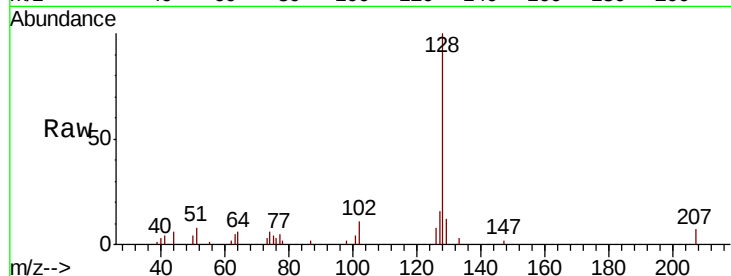




#95
Naphthalene
Concen: 5.241 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005844.D
Acq: 04 Oct 2018 08:47

Instrument :
MSVOA_W
ClientSampleId :
OR-02-100118-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.9	16.3
129	11.8	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

