

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006338.D
 Acq On : 25 Oct 2018 01:54
 Operator : SY/AP
 Sample : J5200-15RE
 Misc : 6.6G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

Quant Time: Oct 25 07:24:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

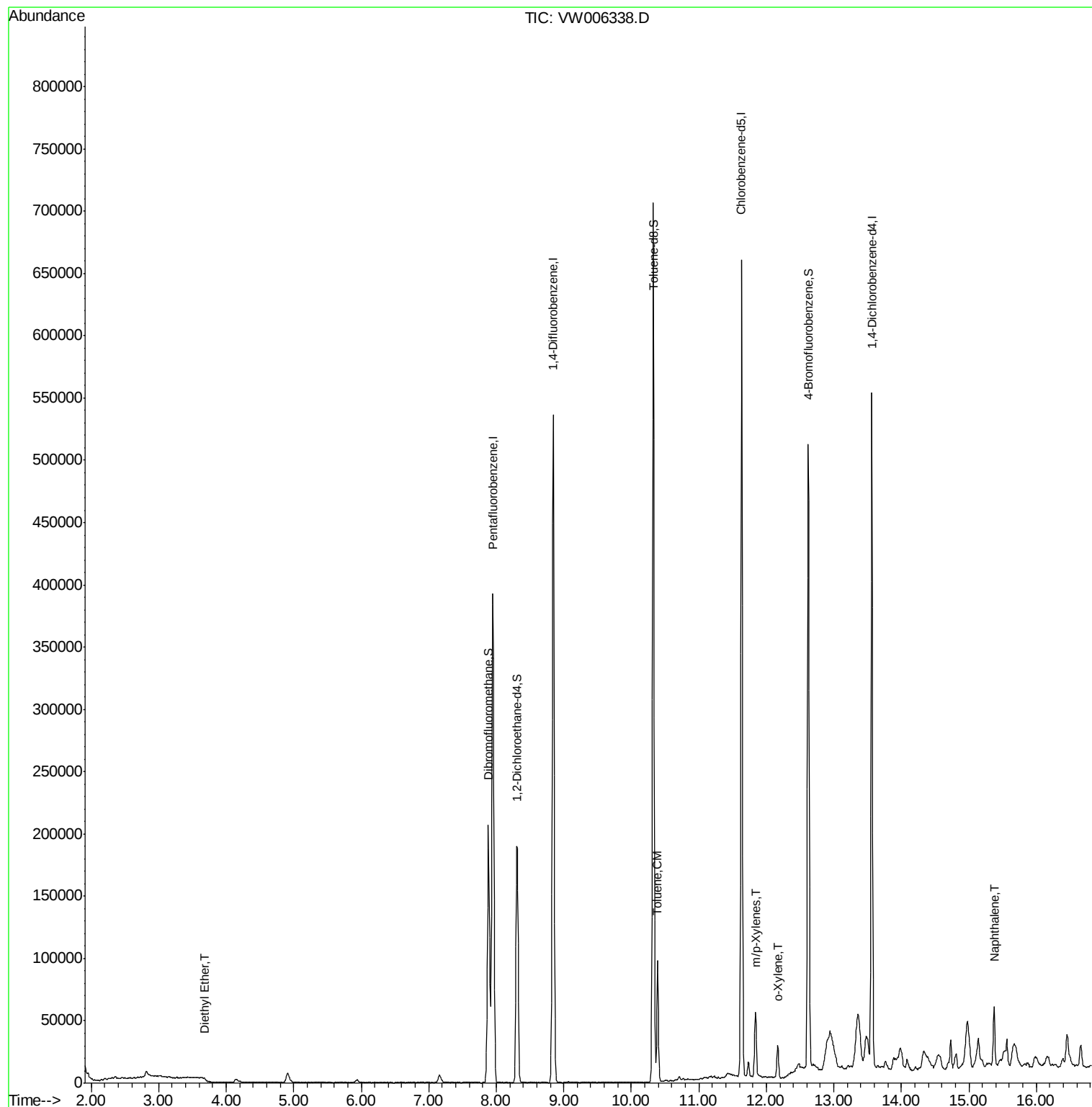
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153012	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
35) Dibromofluoromethane	7.88	113	144782	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	491242	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
62) 4-Bromofluorobenzene	12.62	95	156597	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	1706	1.160	ug/l	84
52) Toluene	10.39	92	41801	5.114	ug/l	99
68) m/p-Xylenes	11.84	106	16648	2.984	ug/l	99
69) o-Xylene	12.17	106	6951	1.308	ug/l	99
95) Naphthalene	15.38	128	40612	6.736	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

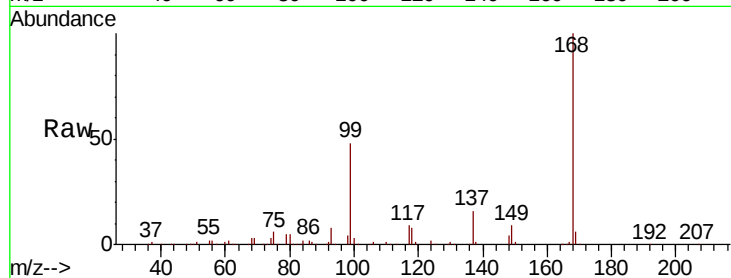
OR-02-102318-B

Tot Ion:168 Resp: 326424

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

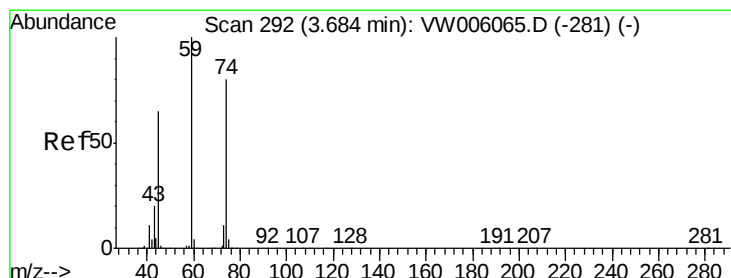
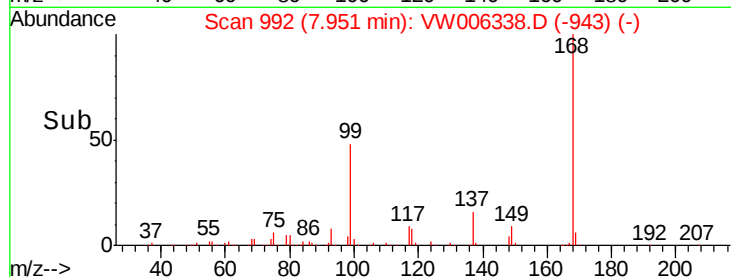
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.160 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006338.D

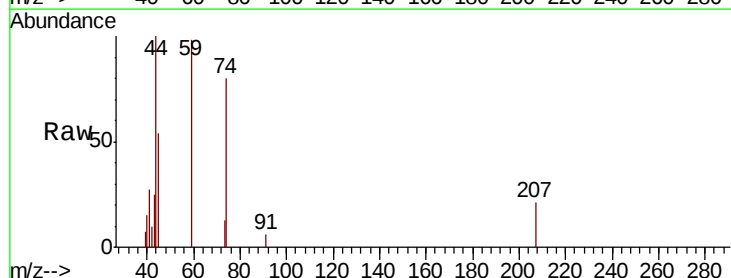
Acq: 25 Oct 2018 01:54

Tgt Ion: 74 Resp: 1706

Ion Ratio Lower Upper

74 100

45 99.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

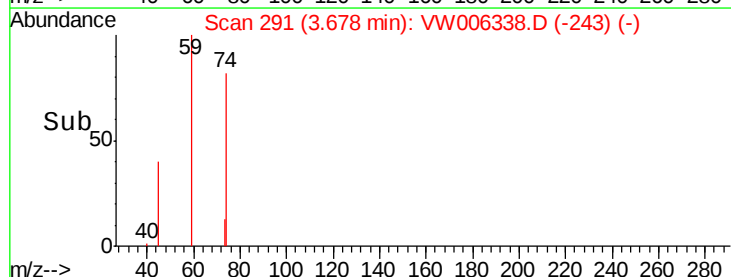
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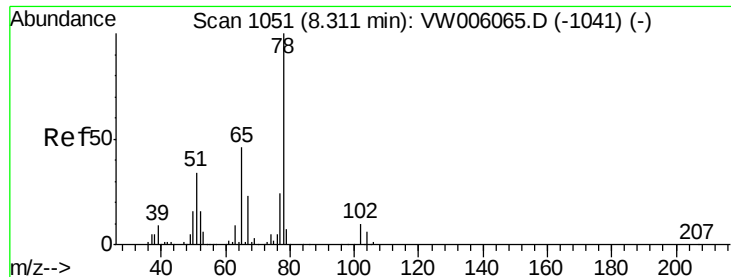
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200

0

Time-->

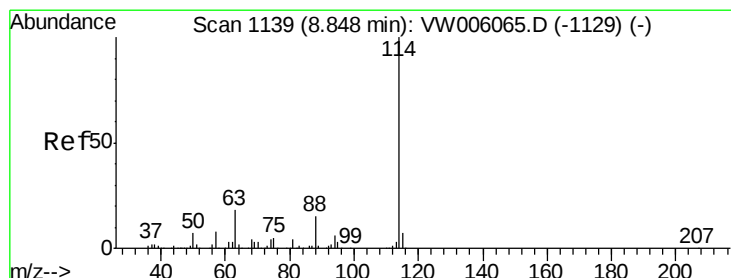
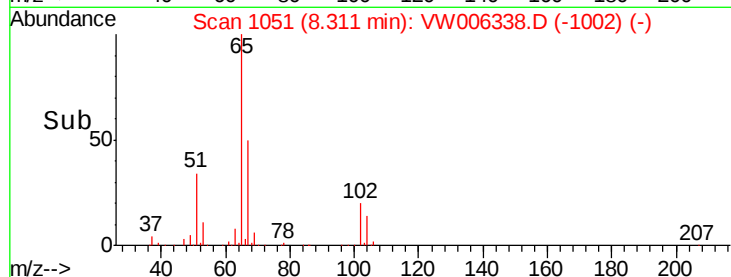
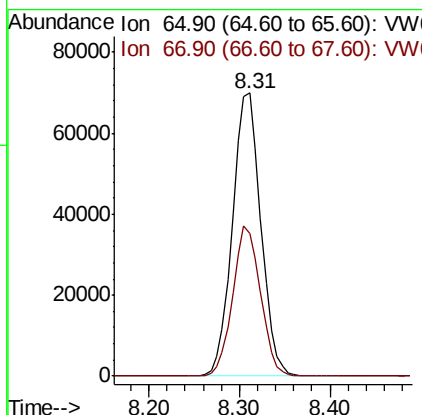
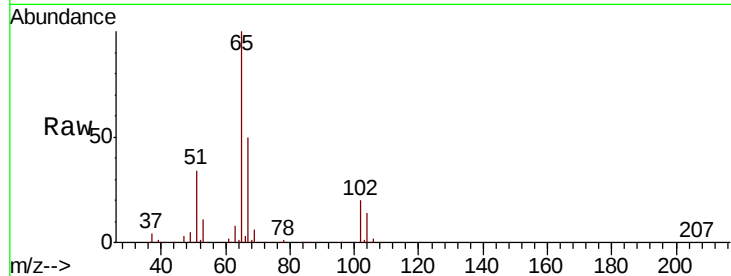




#33
 1,2-Dichloroethane-d4
 Concen: 56.541 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

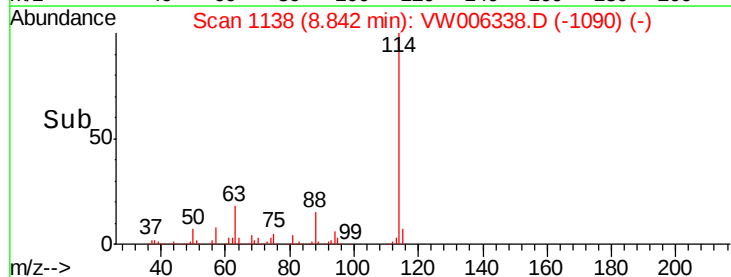
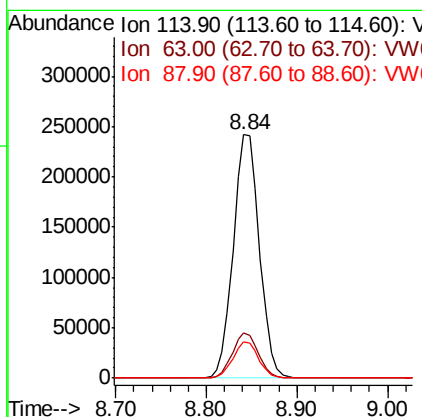
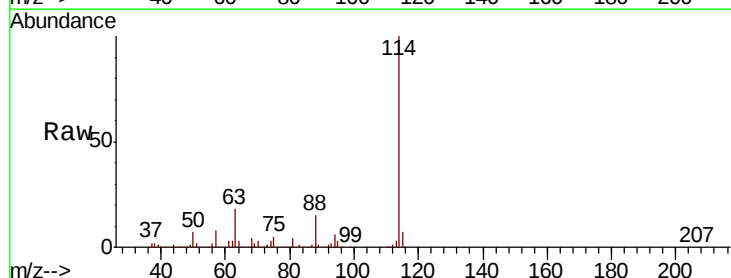
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

Tot Ion: 65 Resp: 153012
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

Tgt Ion: 114 Resp: 482175
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

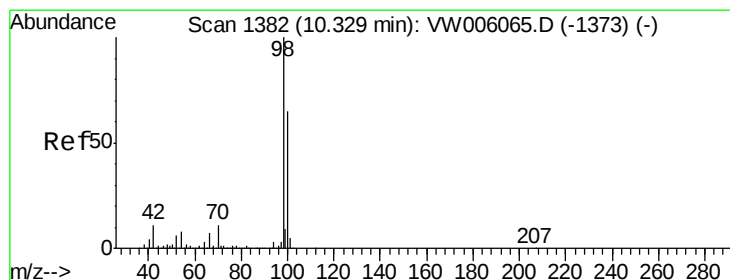
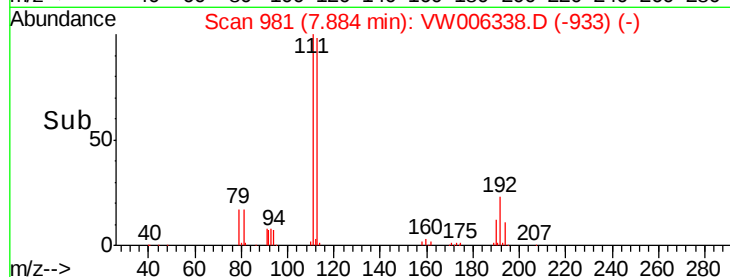
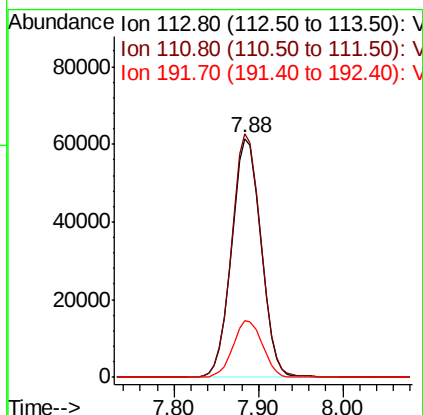
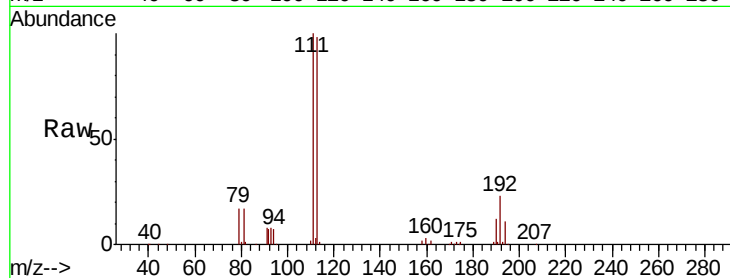




#35
 Dibromofluoromethane
 Concen: 50.816 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

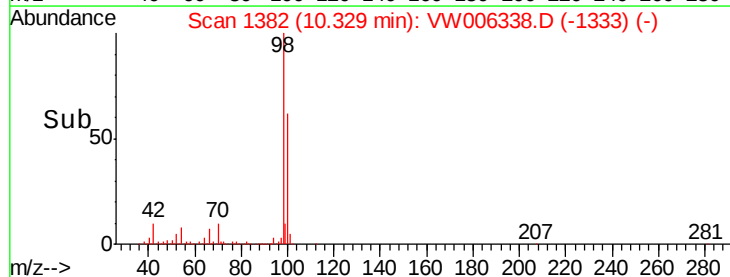
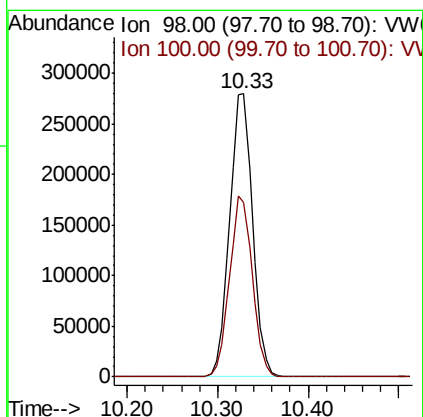
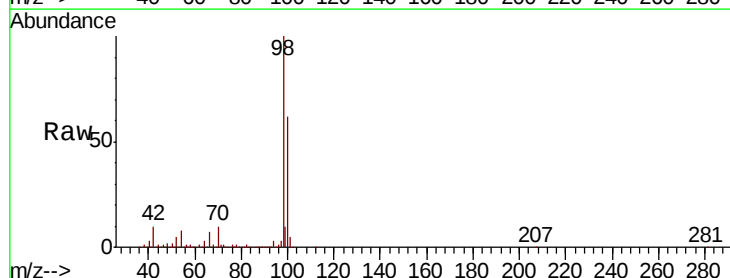
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

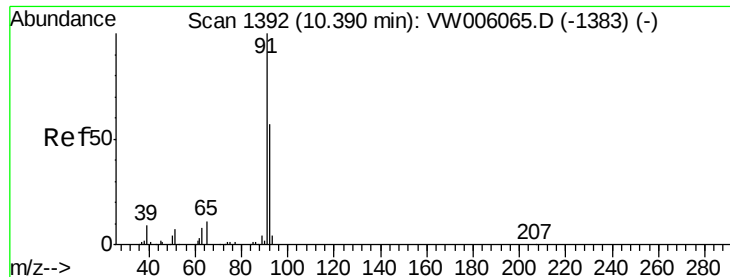
Tot Ion:113 Resp: 144782
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 23.6 18.7 28.1



#50
 Toluene-d8
 Concen: 45.319 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

Tgt Ion: 98 Resp: 491242
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.6 77.4





#52

Toluene

Concen: 5.114 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

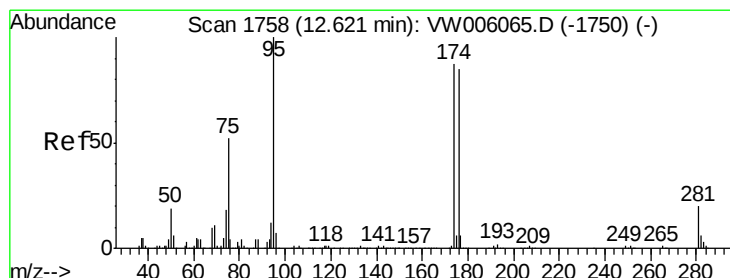
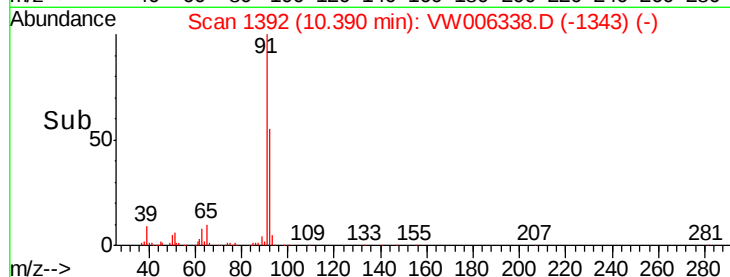
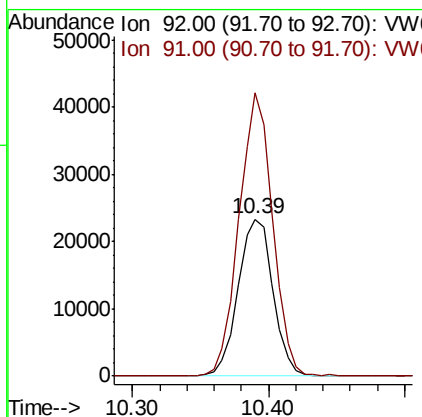
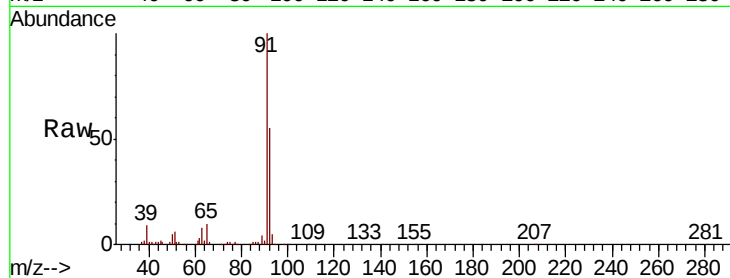
OR-02-102318-B

Tot Ion: 92 Resp: 41801

Ion Ratio Lower Upper

92 100

91 173.0 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 38.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

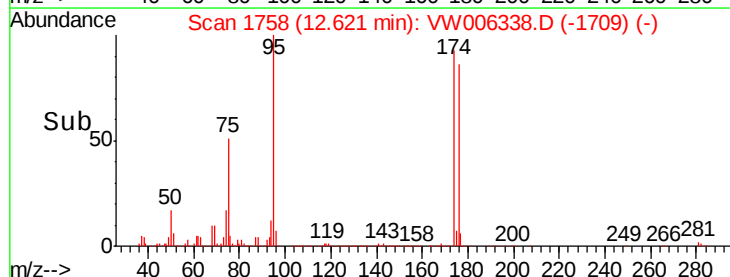
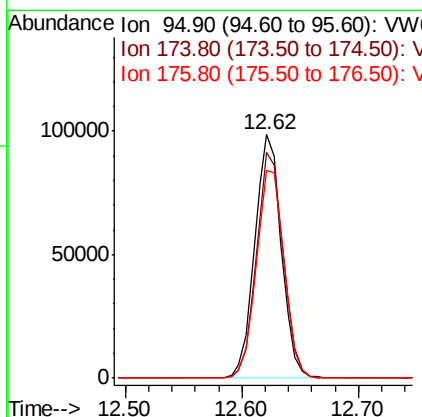
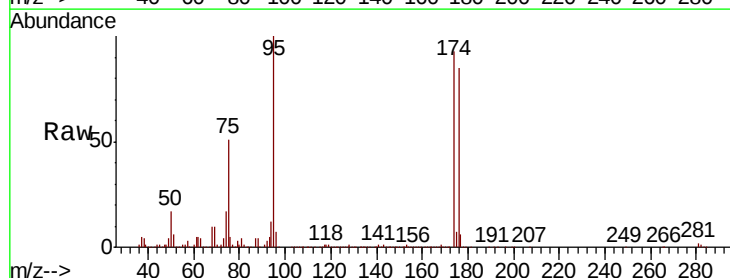
Tgt Ion: 95 Resp: 156597

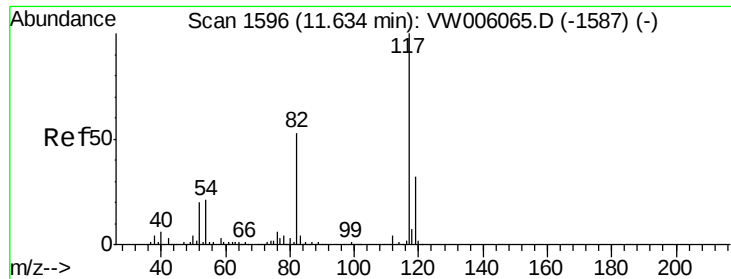
Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 89.5 0.0 181.6

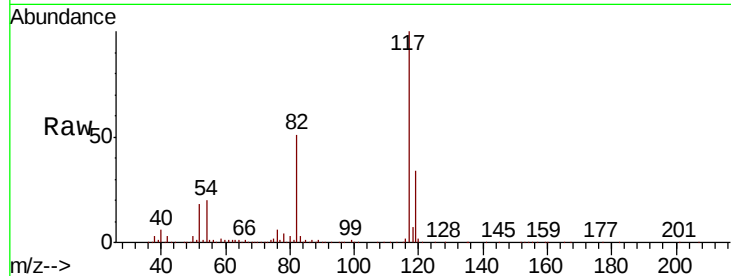




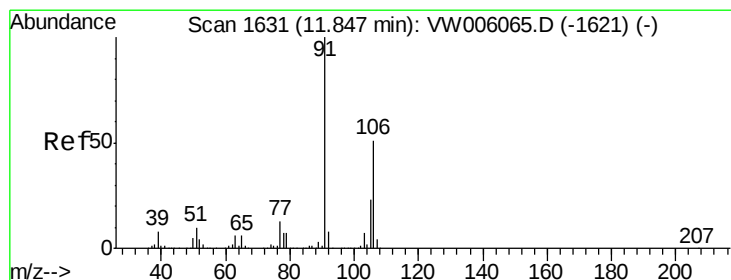
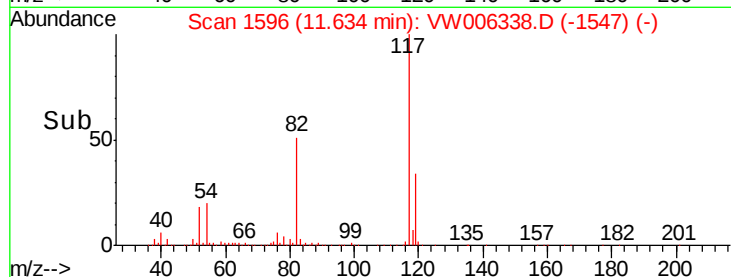
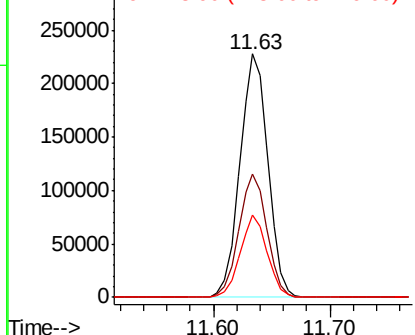
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-B

Tot Ion:117 Resp: 380412
Ion Ratio Lower Upper
117 100
82 50.7 42.1 63.1
119 33.6 25.8 38.6

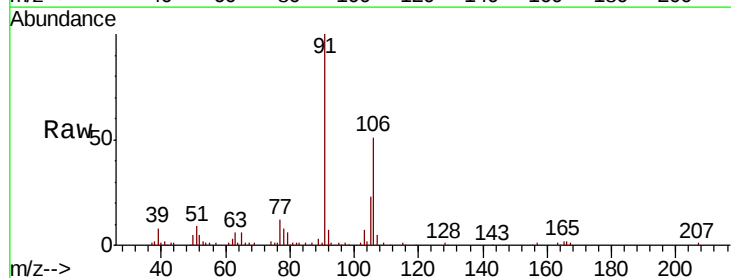


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

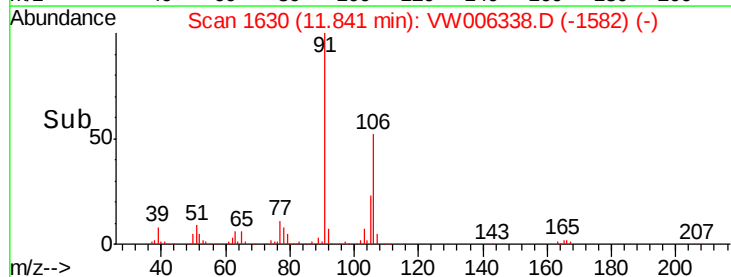
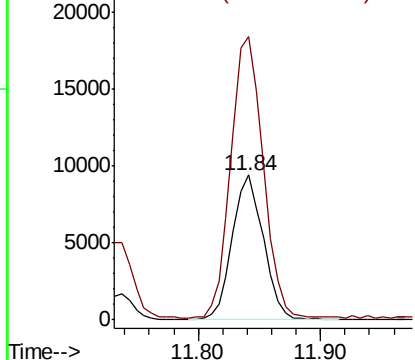


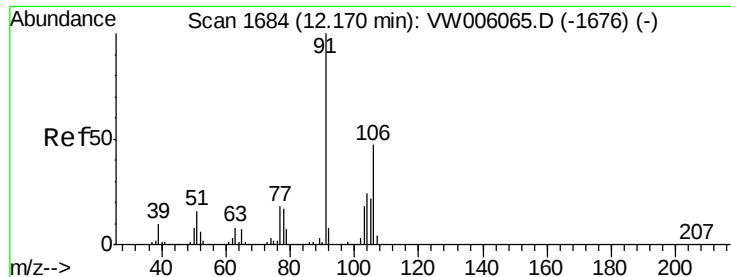
#68
m/p-Xylenes
Concen: 2.984 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Tgt Ion:106 Resp: 16648
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

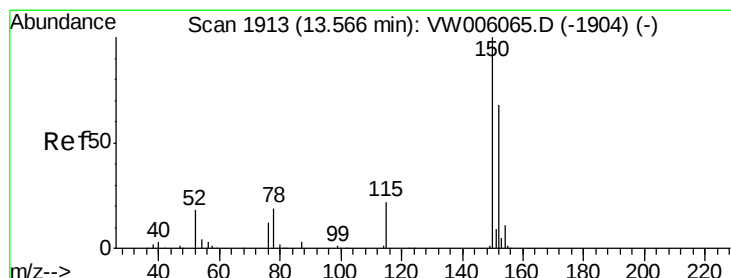
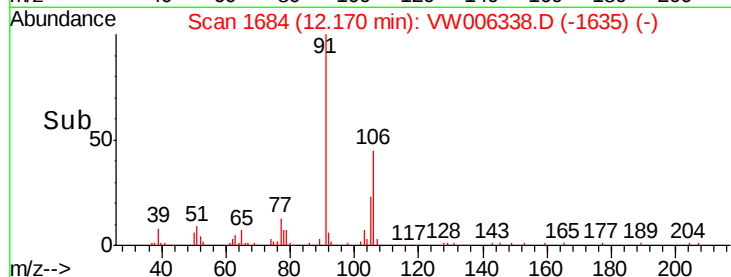
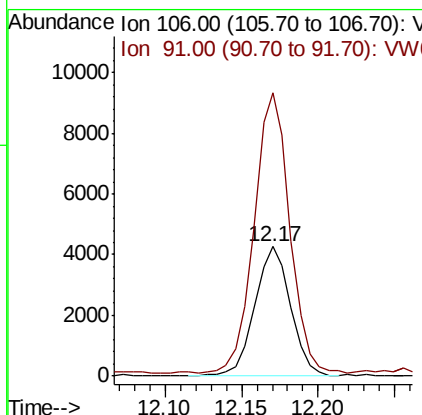
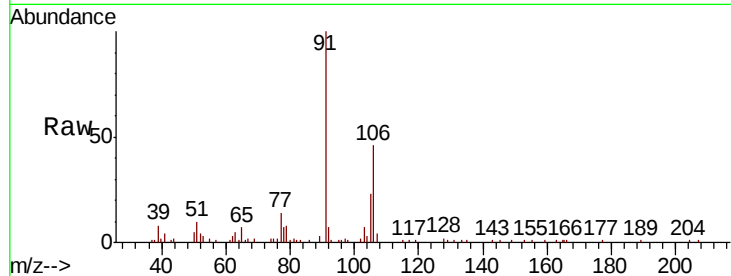




#69
o-Xylene
Concen: 1.308 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

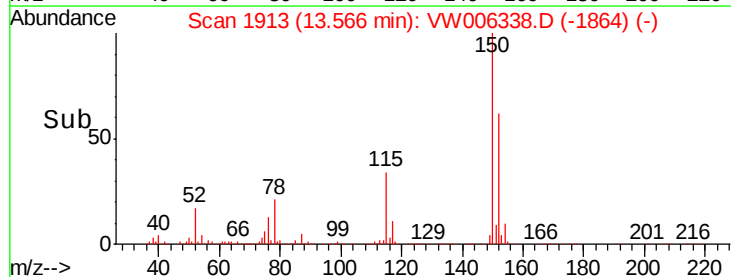
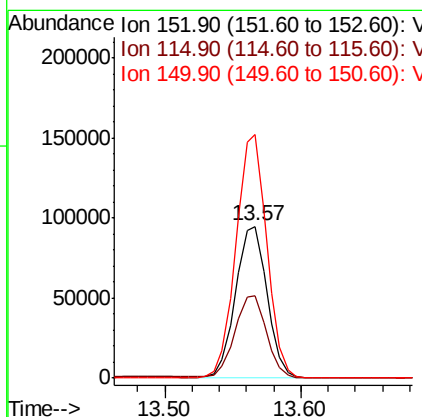
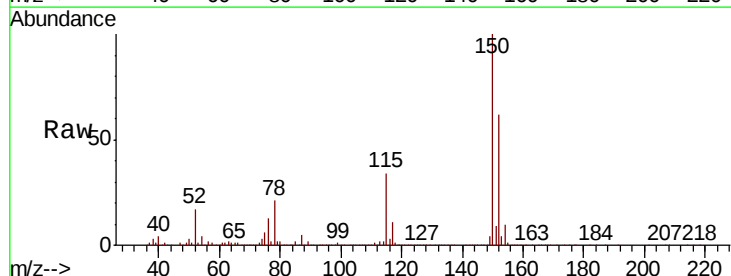
Instrument :
MSVOA_W
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OR-02-102318-B

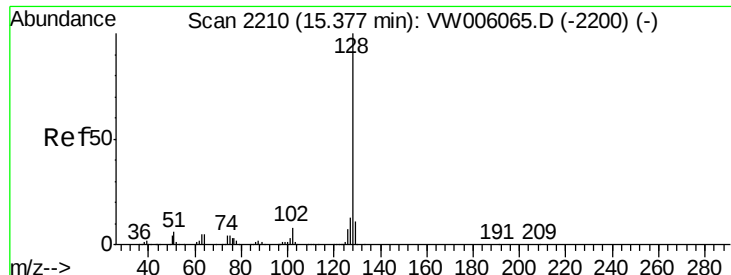
Tot Ion:106 Resp: 6951
Ion Ratio Lower Upper
106 100
91 212.9 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Tgt Ion:152 Resp: 153349
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 156.4 0.0 349.2

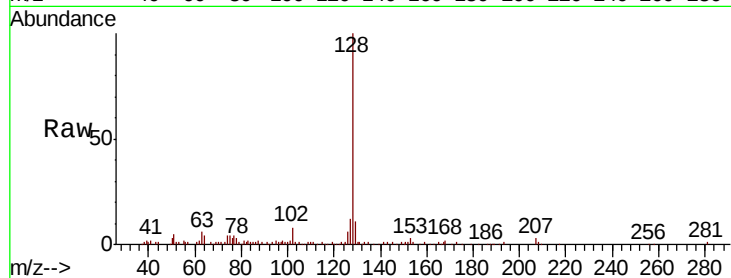




#95
Naphthalene
Concen: 6.736 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	11.2	8.7	13.1



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

