

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005134.D
 Acq On : 05 Sep 2018 17:28
 Operator : SY/AP
 Sample : J4756-01RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WE-3RE

Quant Time: Sep 05 18:13:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

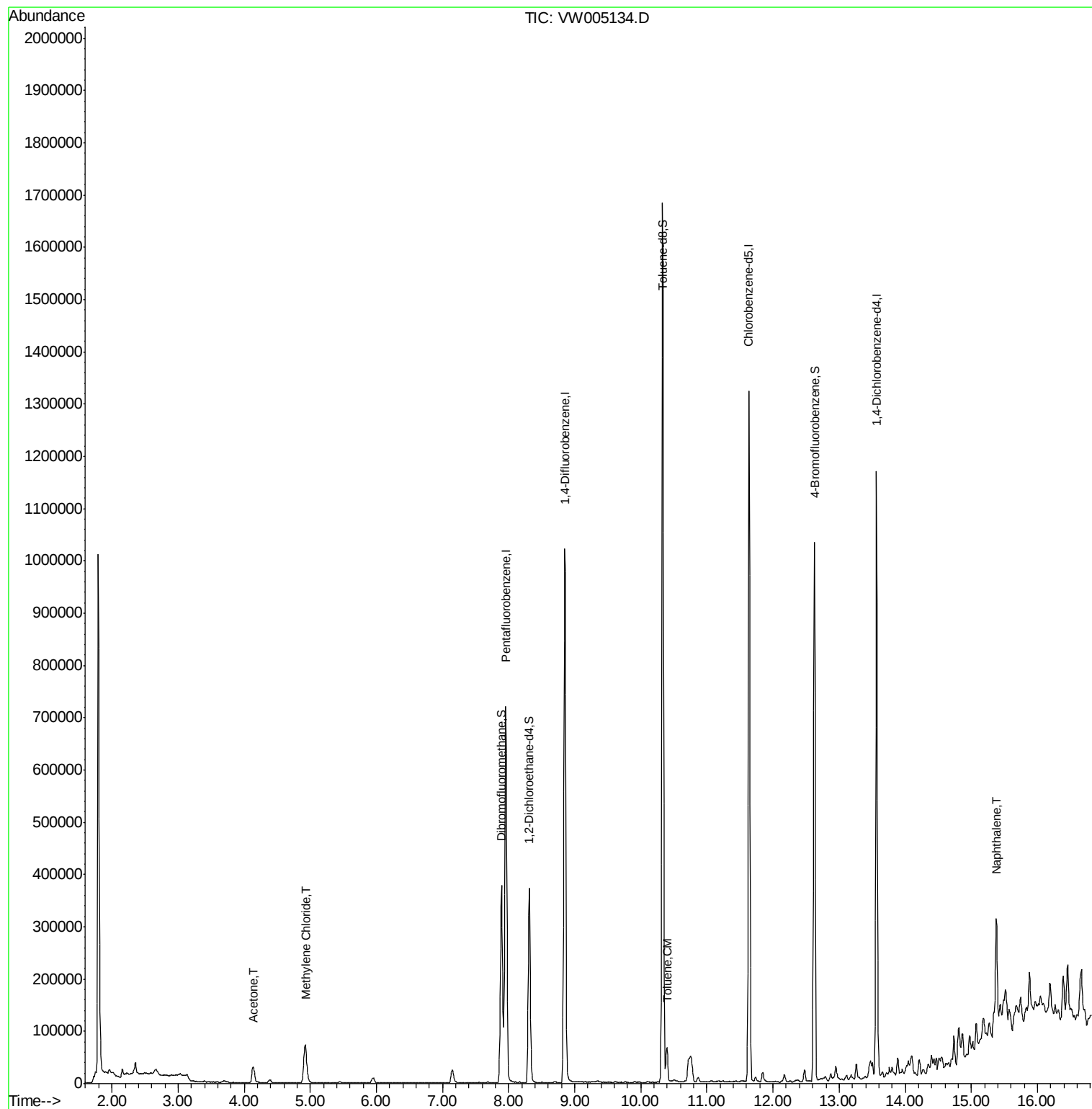
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	565431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	888844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	799135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	314196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	289952	61.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.72%	
35) Dibromofluoromethane	7.89	113	273681	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	10.33	98	1143099	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	345403	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
16) Acetone	4.14	43	53317	56.72	ug/l	91
20) Methylene Chloride	4.92	84	61482	6.28	ug/l	98
52) Toluene	10.40	92	27952	1.59	ug/l	99
95) Naphthalene	15.38	128	203091	20.48	ug/l	100

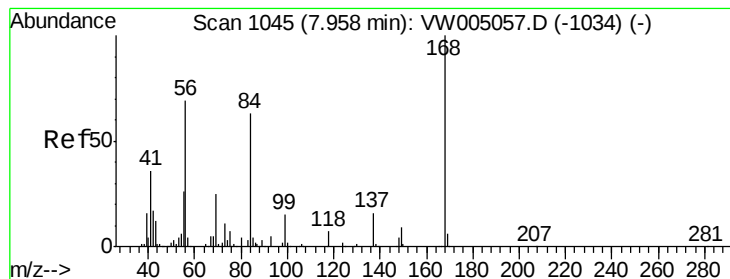
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090518\
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

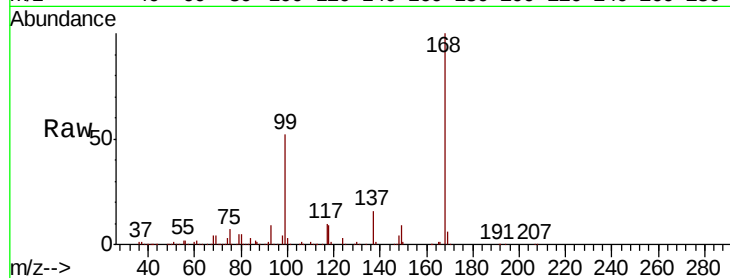
WE-3RE

Tot Ion:168 Resp: 565431

Ion Ratio Lower Upper

168 100

99 51.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

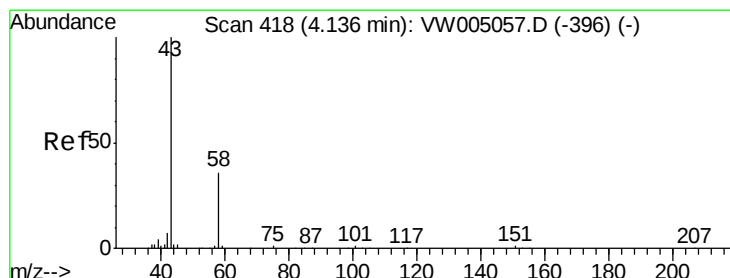
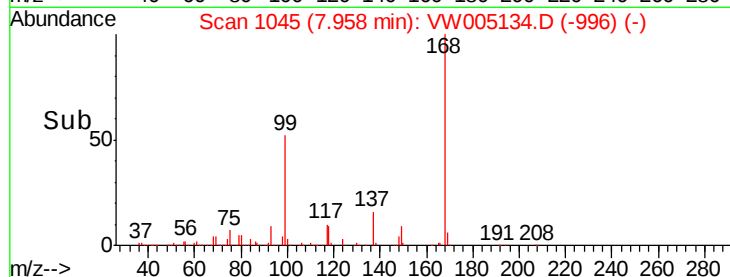
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 56.72 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005134.D

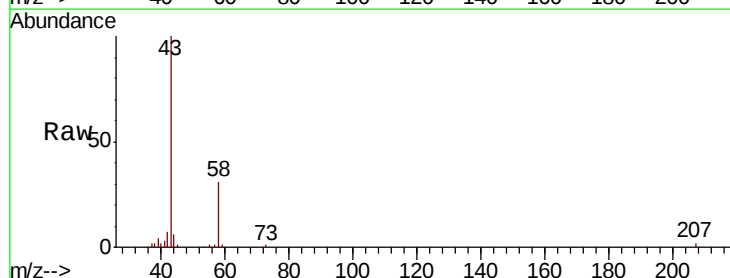
Acq: 05 Sep 2018 17:28

Tgt Ion: 43 Resp: 53317

Ion Ratio Lower Upper

43 100

58 31.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

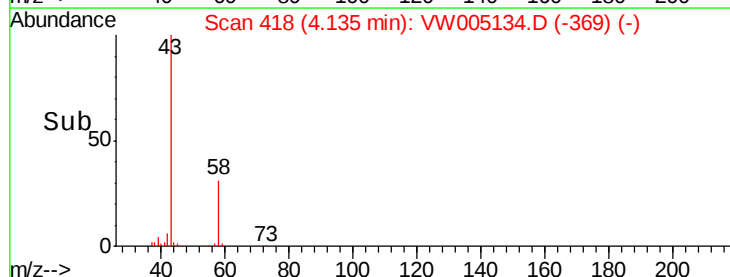
15000

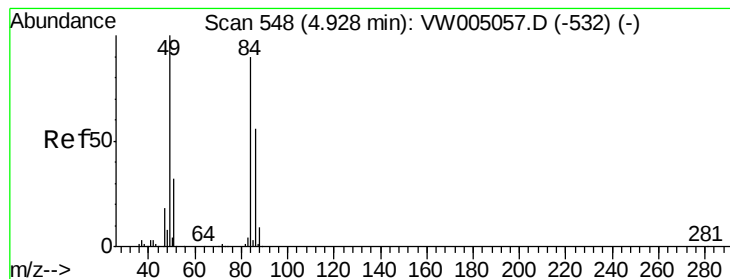
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 6.28 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

WE-3RE

Tot Ion: 84 Resp: 61482

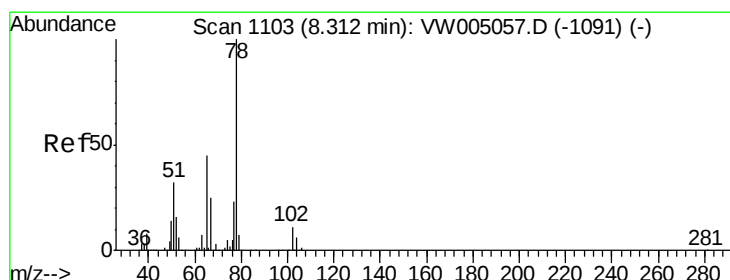
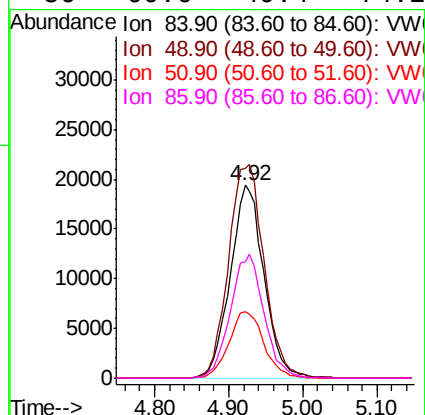
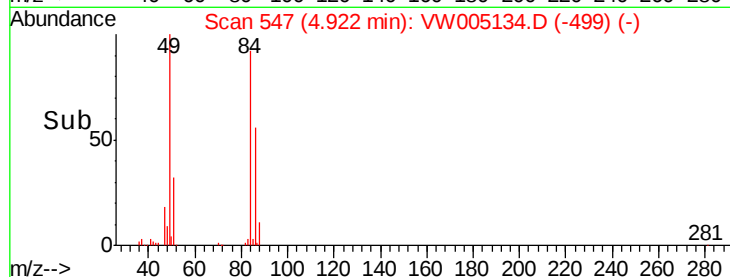
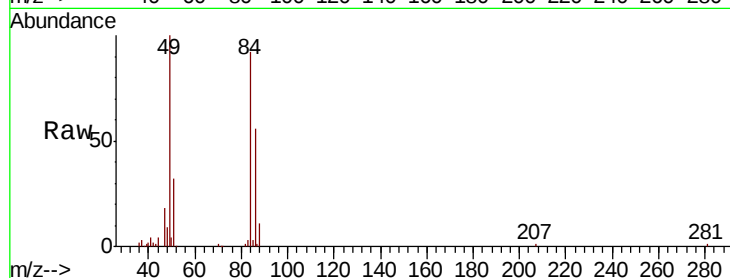
Ion Ratio Lower Upper

84 100

49 108.7 88.7 133.1

51 34.5 28.6 42.8

86 60.6 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 61.86 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005134.D

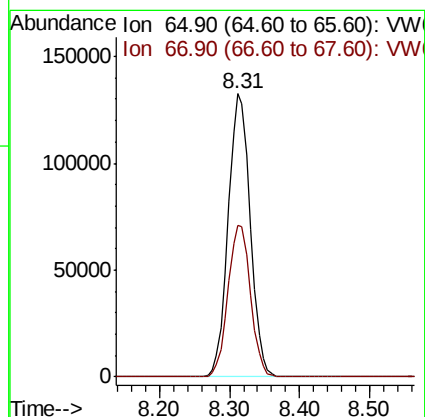
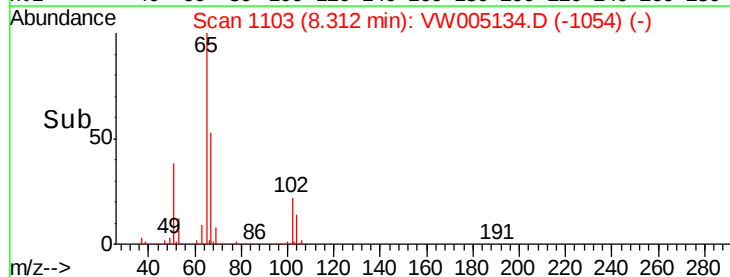
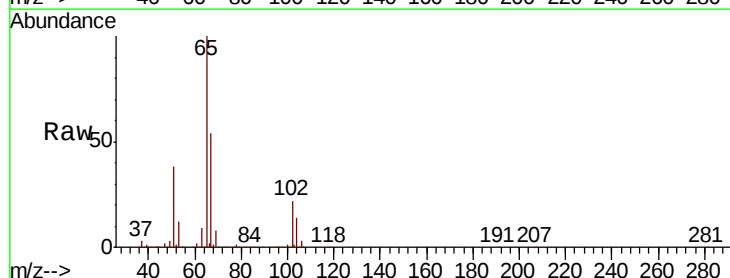
Acq: 05 Sep 2018 17:28

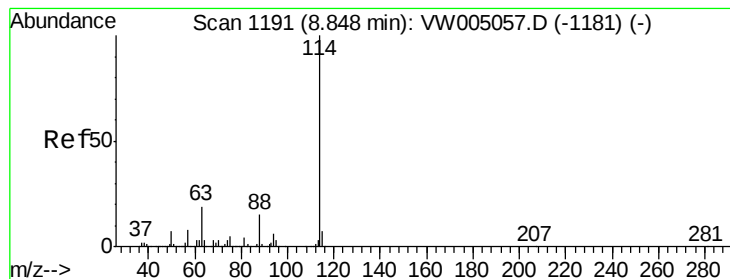
Tgt Ion: 65 Resp: 289952

Ion Ratio Lower Upper

65 100

67 54.8 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: VW005134.D

Acq: 05 Sep 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

WE-3RE

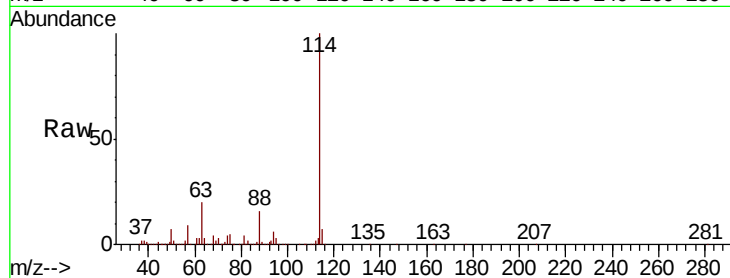
Tot Ion:114 Resp: 888844

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

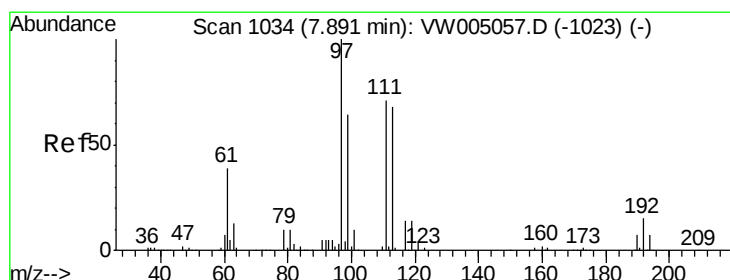
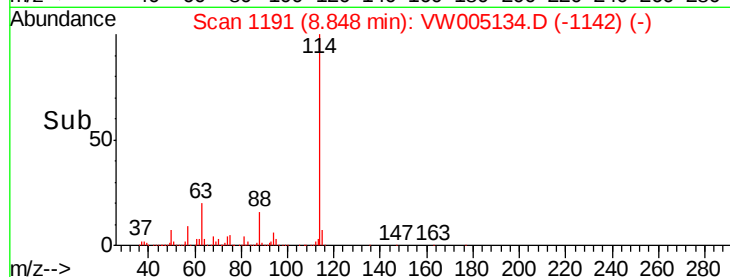
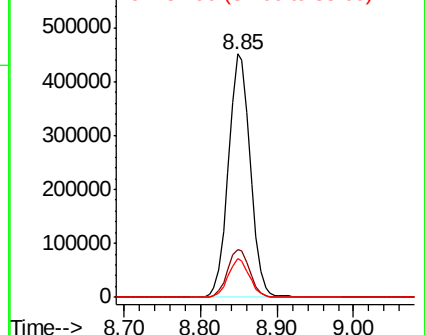
88 15.8 0.0 30.2



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: 53.28 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

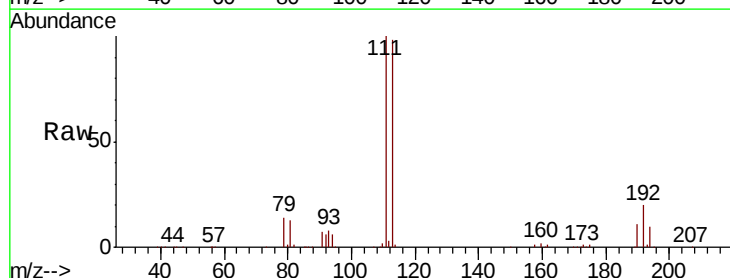
Tgt Ion:113 Resp: 273681

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

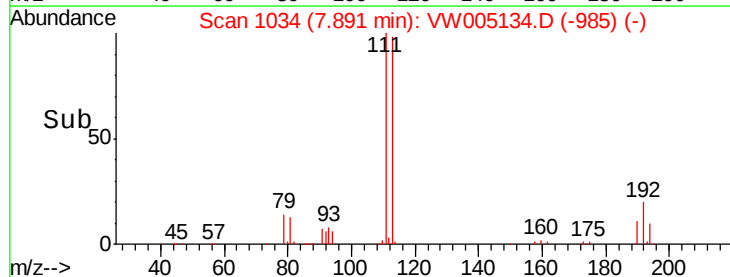
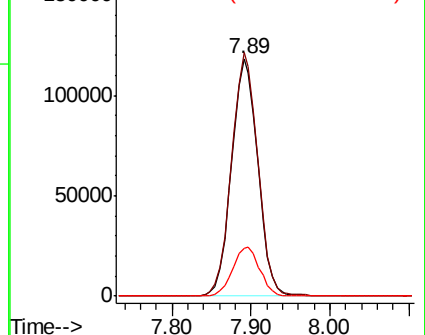
192 21.2 18.1 27.1

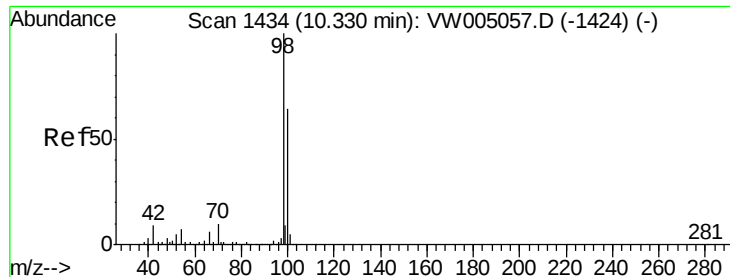


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

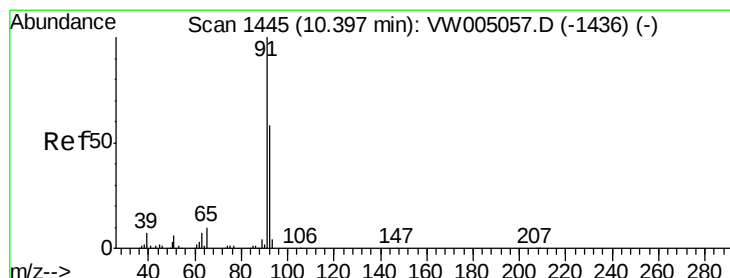
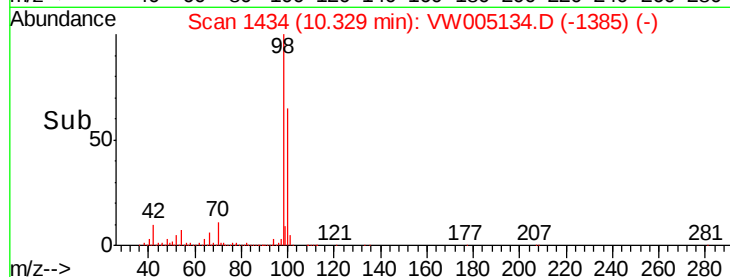
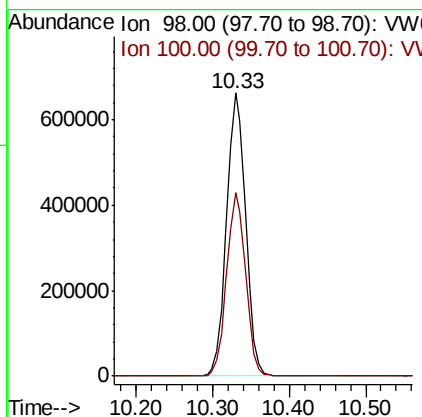
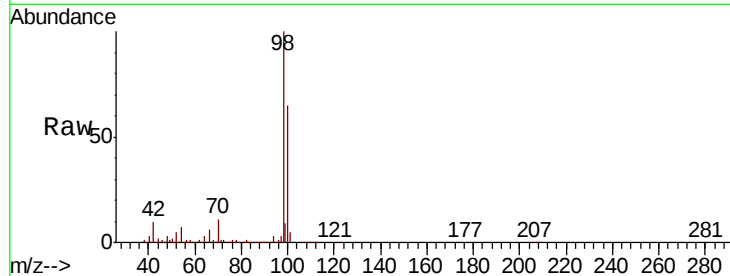




#50
Toluene-d8
Concen: 48.30 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005134.D
Acq: 05 Sep 2018 17:28

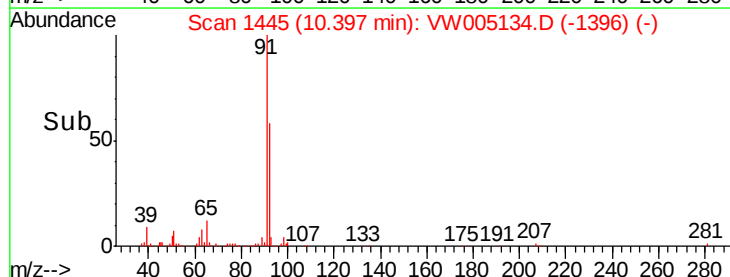
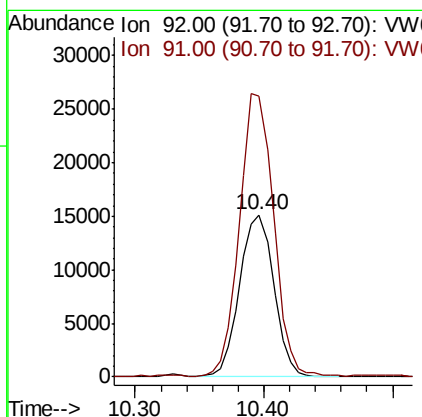
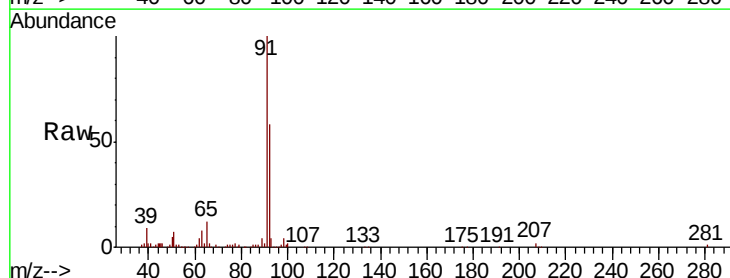
Instrument :
MSVOA_W
ClientSampleId :
WE-3RE

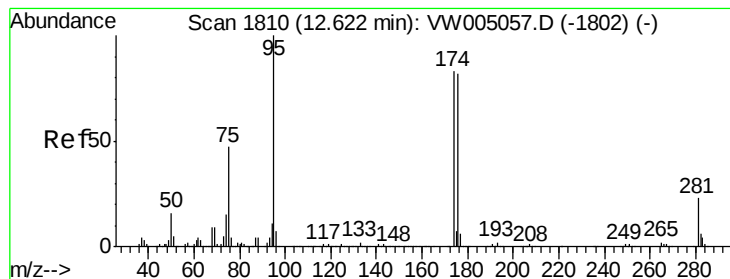
Tot Ion: 98 Resp: 1143099
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#52
Toluene
Concen: 1.59 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW005134.D
Acq: 05 Sep 2018 17:28

Tgt Ion: 92 Resp: 27952
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 41.39 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

WE-3RE

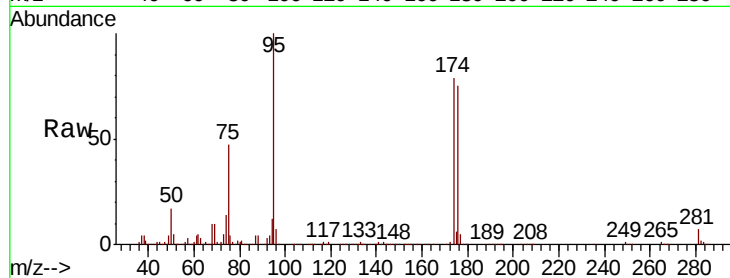
Tot Ion: 95 Resp: 345403

Ion Ratio Lower Upper

95 100

174 83.8 0.0 173.4

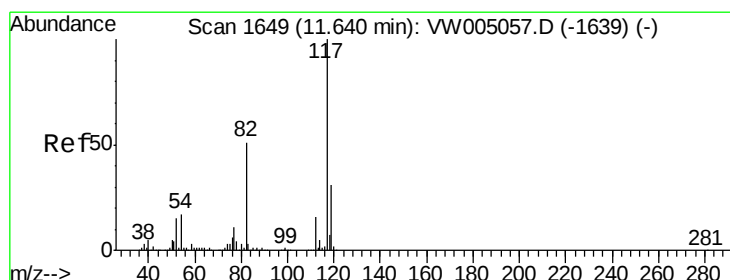
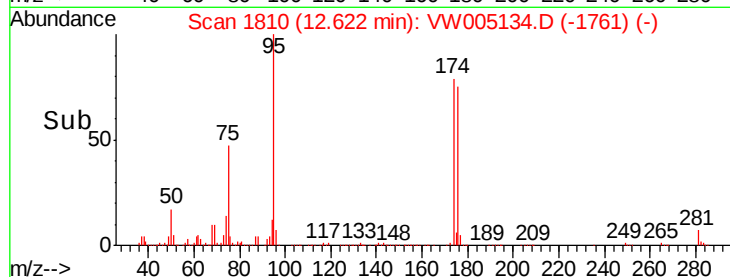
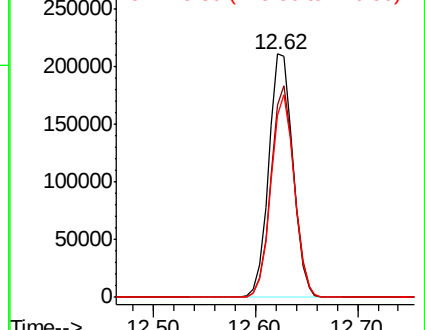
176 80.4 0.0 167.4



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

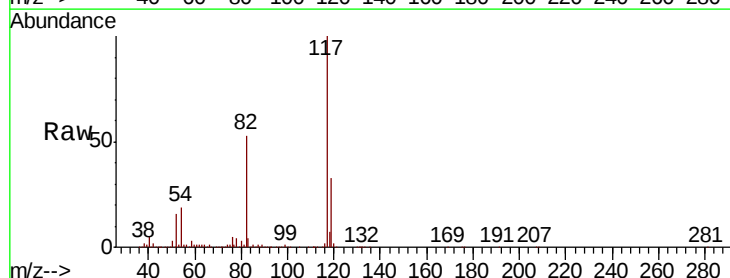
Tgt Ion: 117 Resp: 799135

Ion Ratio Lower Upper

117 100

82 52.8 40.9 61.3

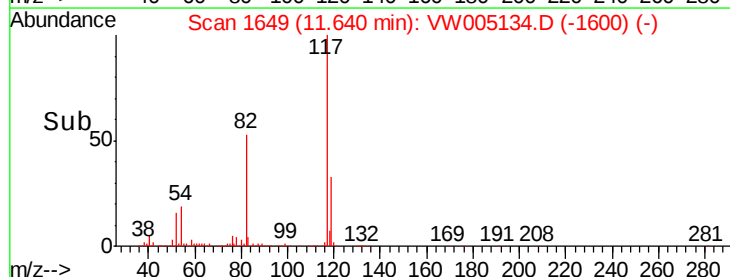
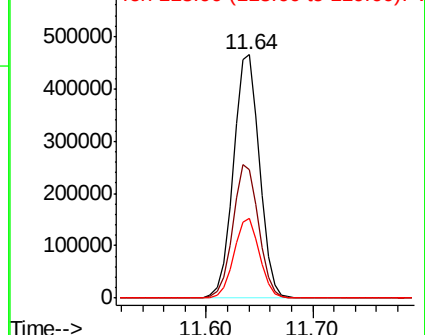
119 32.6 24.9 37.3

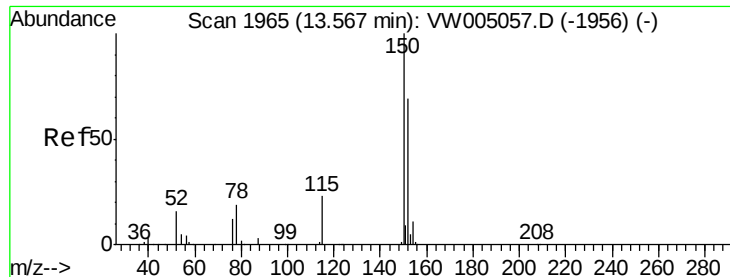


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

WE-3RE

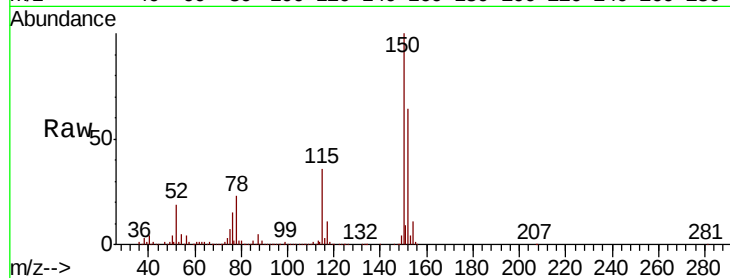
Tot Ion:152 Resp: 314196

Ion Ratio Lower Upper

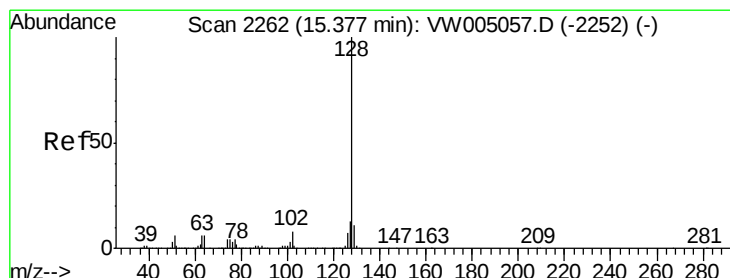
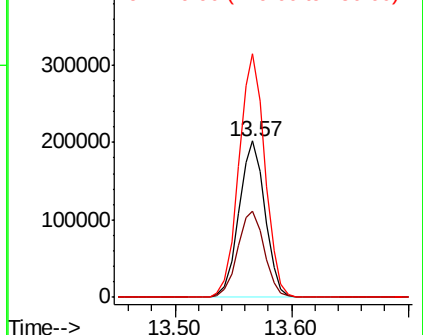
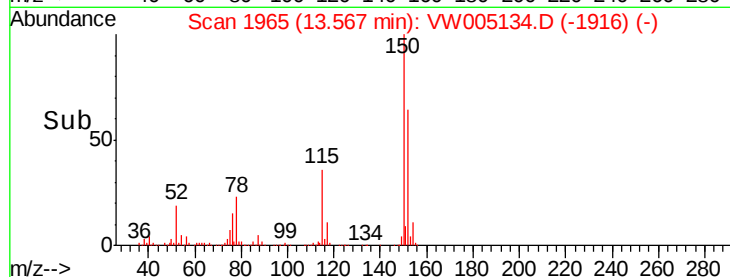
152 100

115 56.8 27.8 83.4

150 156.0 0.0 351.4



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



#95

Naphthalene

Concen: 20.48 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005134.D

Acq: 05 Sep 2018 17:28

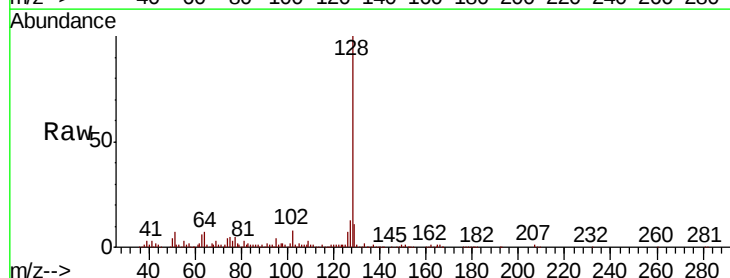
Tgt Ion:128 Resp: 203091

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 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

