

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003874.D
 Acq On : 11 Jul 2018 20:07
 Operator : SY/AP
 Sample : J3827-01
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 12 02:29:51 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

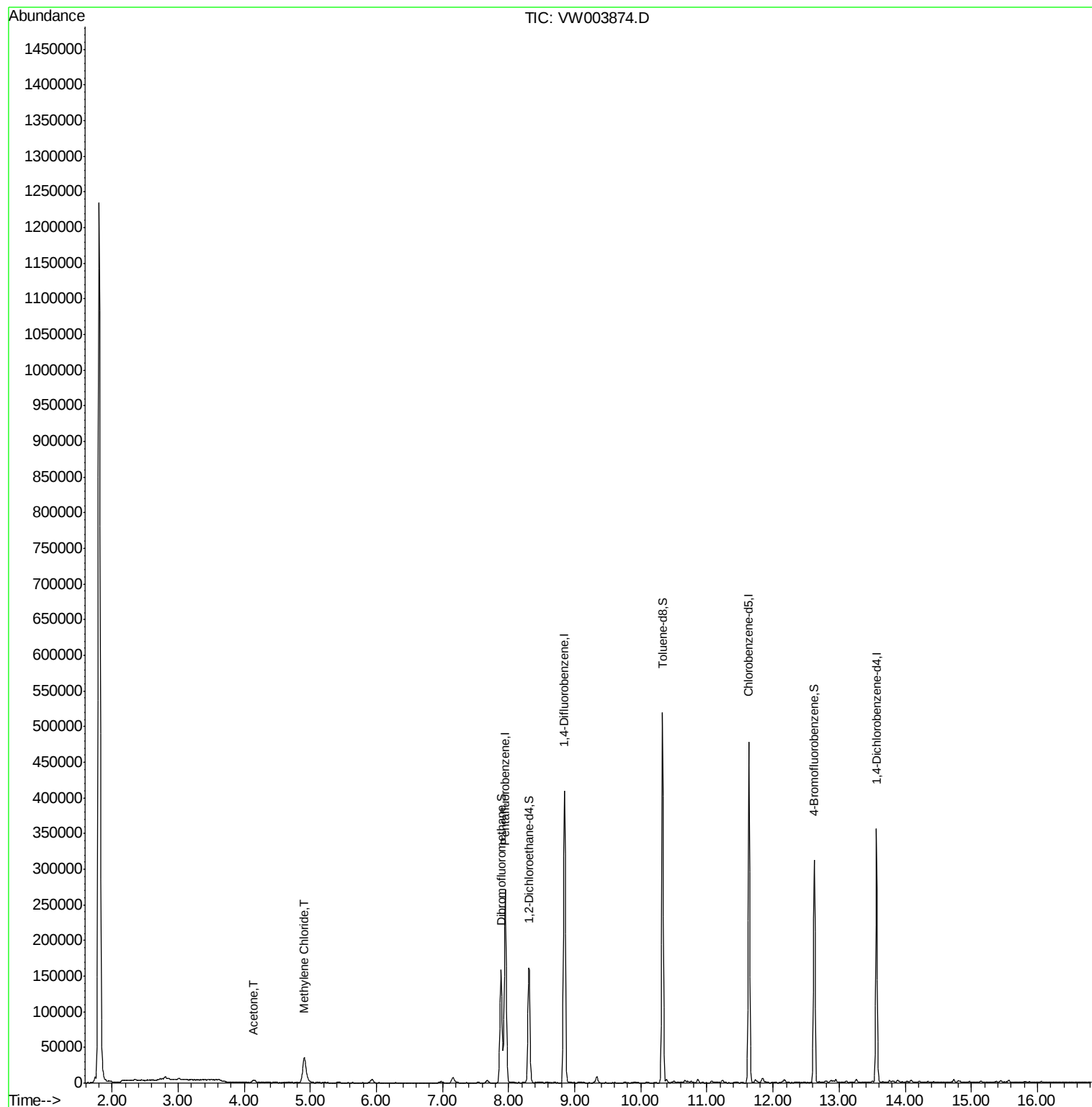
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131402	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	109907	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.33	98	331128	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	
62) 4-Bromofluorobenzene	12.62	95	96123	30.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.00%	
Target Compounds						
16) Acetone	4.14	43	7370	17.013	ug/l	99
20) Methylene Chloride	4.92	84	30883	11.229	ug/l	97

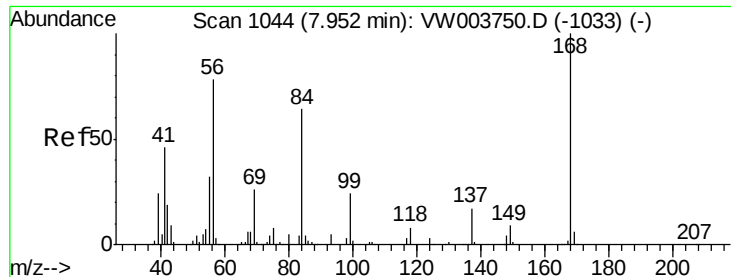
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

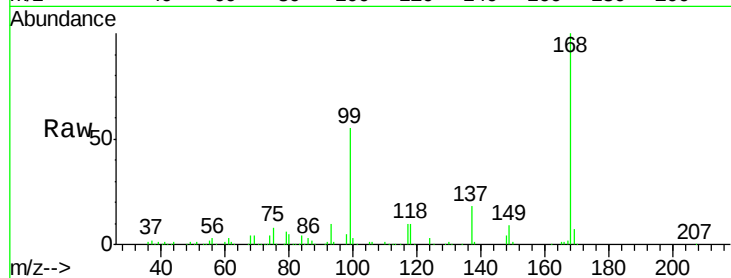
OR-03-070918

Tot Ion:168 Resp: 190930

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

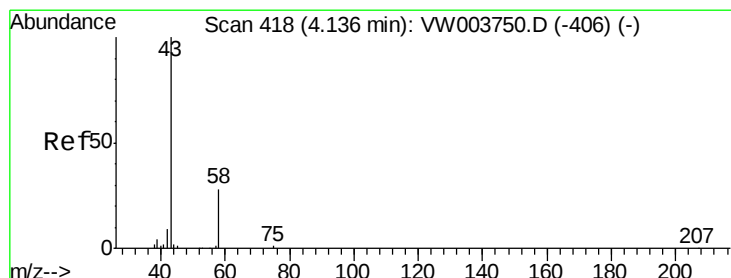
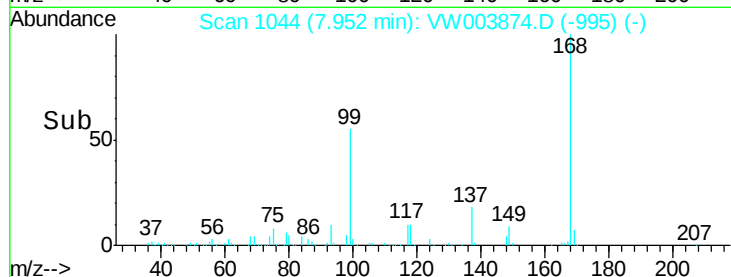
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 17.013 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003874.D

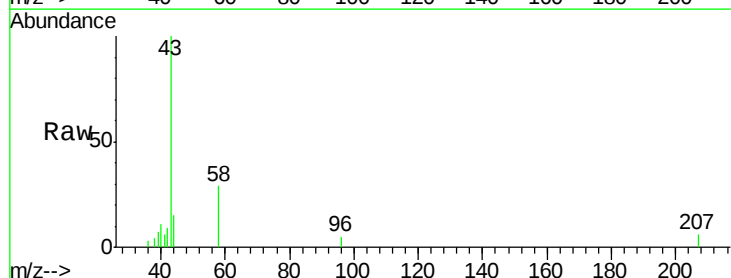
Acq: 11 Jul 2018 20:07

Tgt Ion: 43 Resp: 7370

Ion Ratio Lower Upper

43 100

58 29.0 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

2500

2000

1500

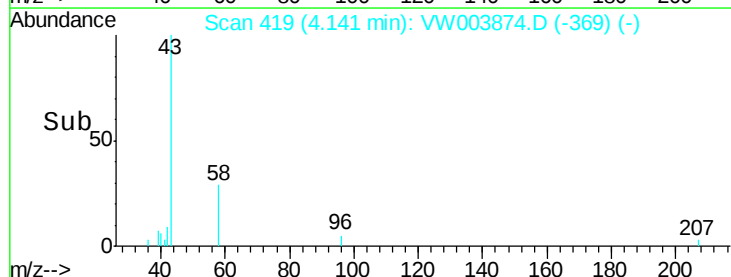
1000

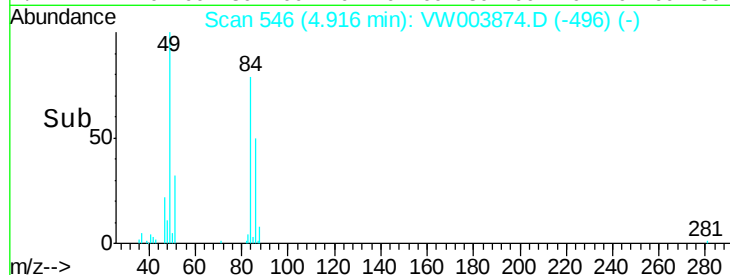
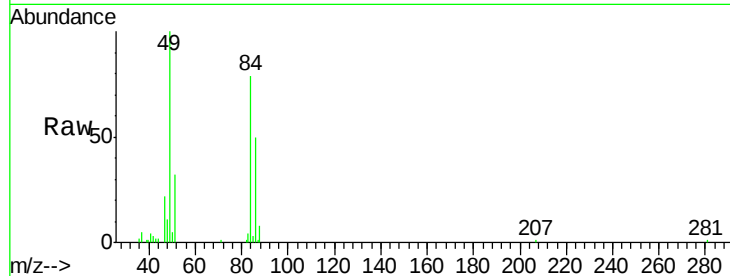
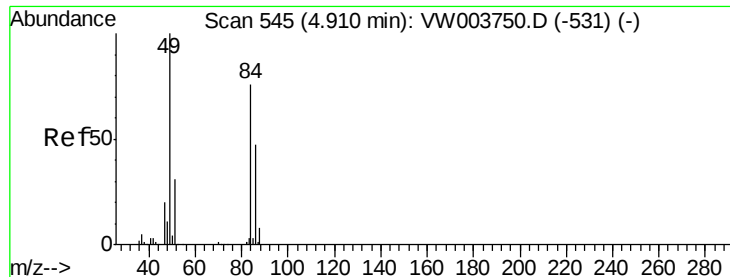
500

0

4.10 4.20

Time-->

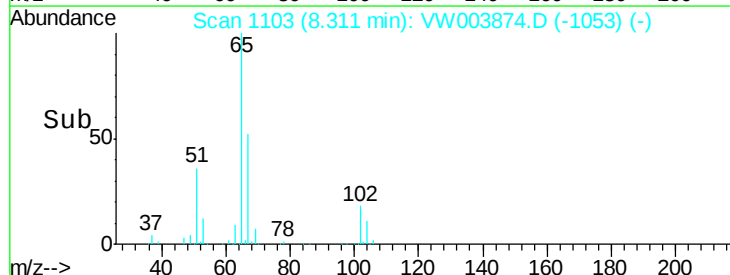
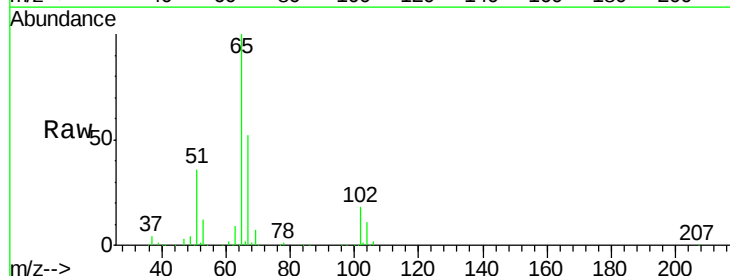
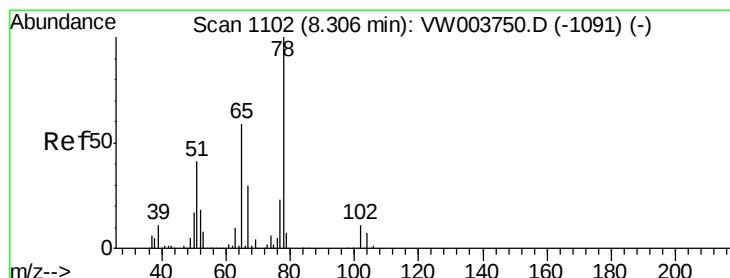
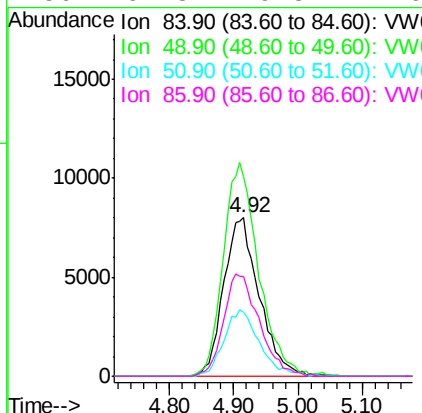




#20
Methvlene Chloride
Concen: 11.229 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

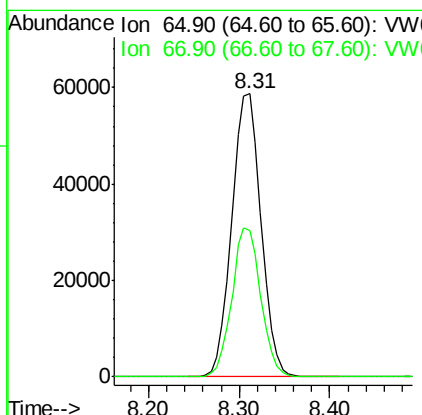
Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

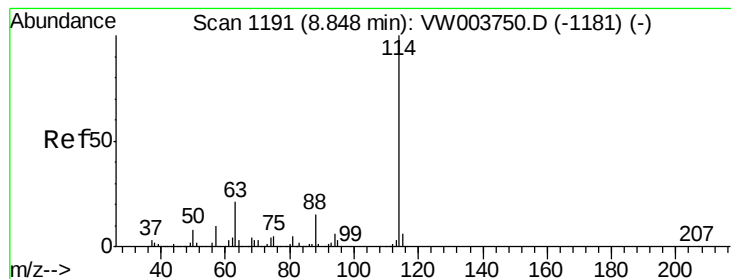
Tot Ion: 84 Resp: 30883
Ion Ratio Lower Upper
84 100
49 126.3 105.1 157.7
51 40.6 32.5 48.7
86 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.627 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

Tgt Ion: 65 Resp: 131402
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

OR-03-070918

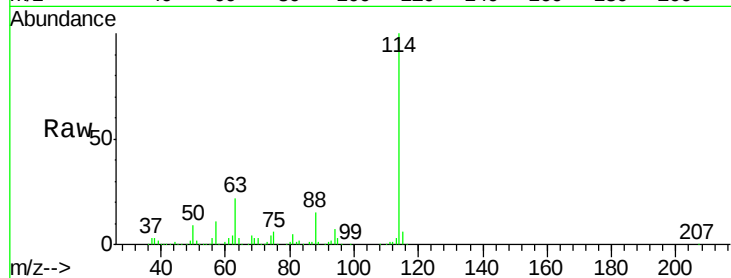
Tot Ion:114 Resp: 330768

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

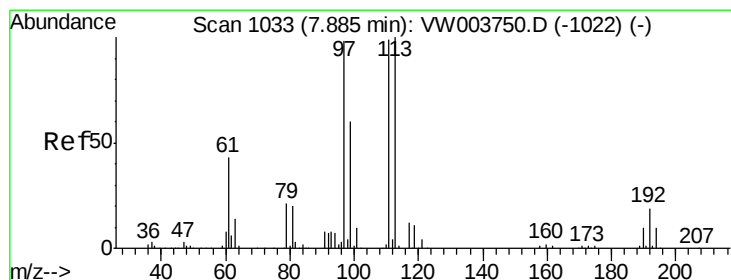
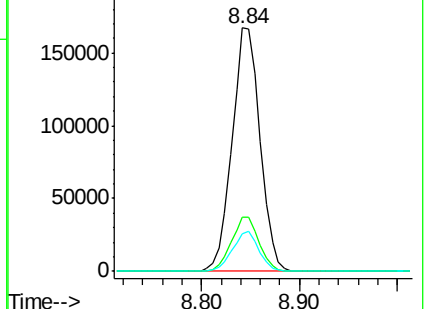
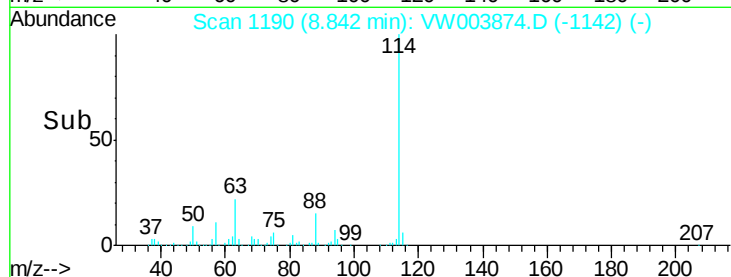
88 15.2 0.0 30.2



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: 47.476 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

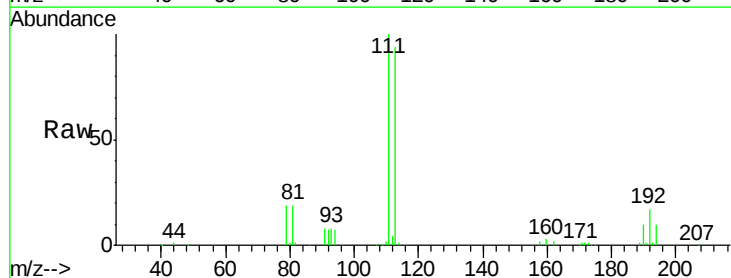
Tgt Ion:113 Resp: 109907

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

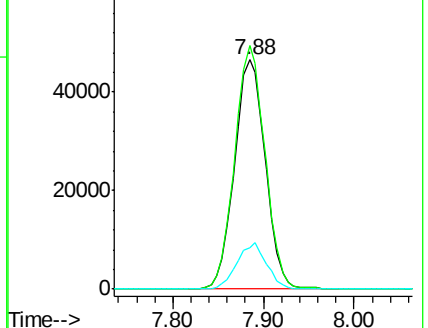
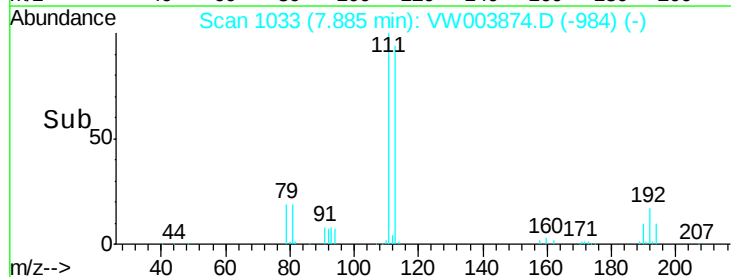
192 19.5 15.8 23.8

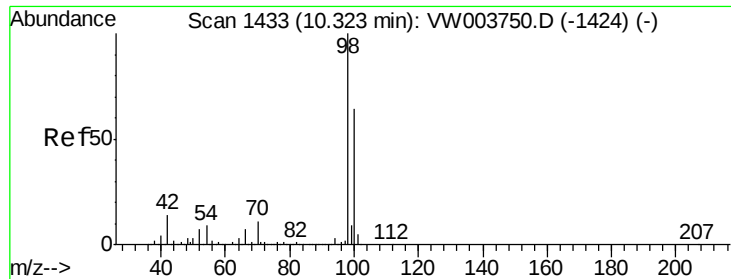


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.393 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

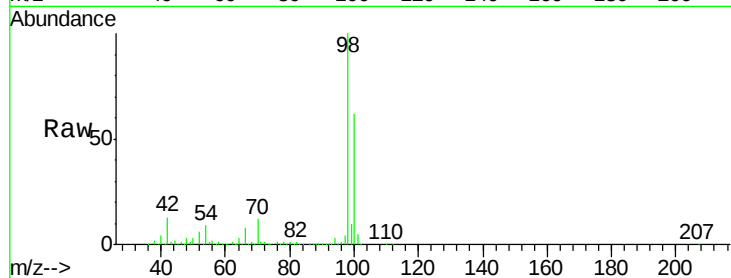
OR-03-070918

Tot Ion: 98 Resp: 331128

Ion Ratio Lower Upper

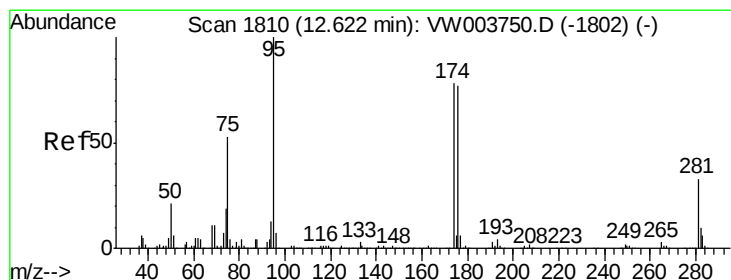
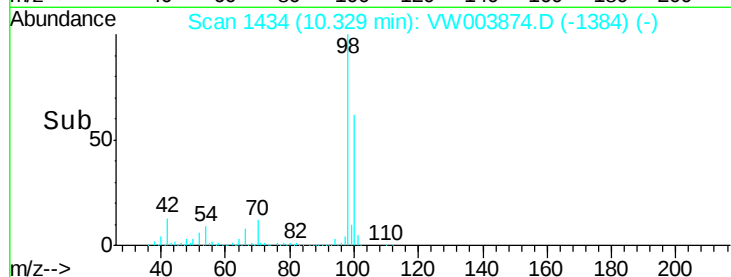
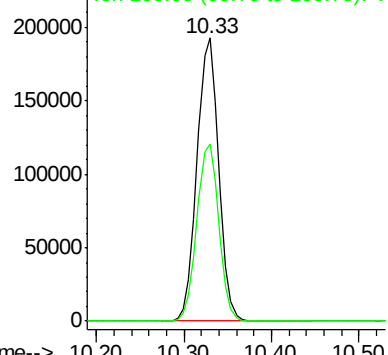
98 100

100 63.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 30.001 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

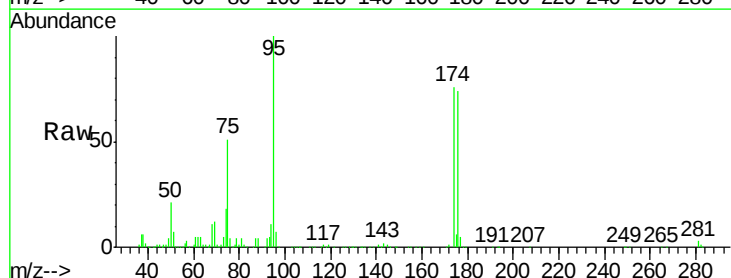
Tgt Ion: 95 Resp: 96123

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.4

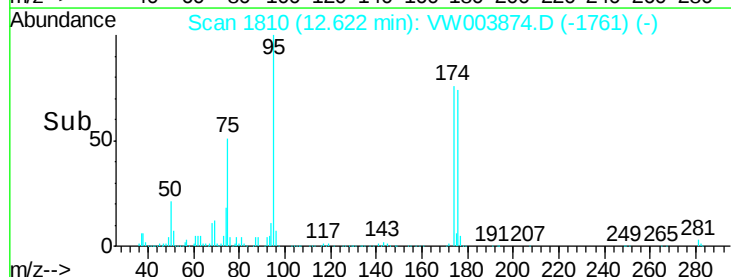
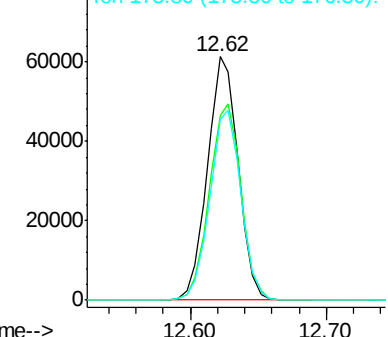
176 79.3 0.0 156.8

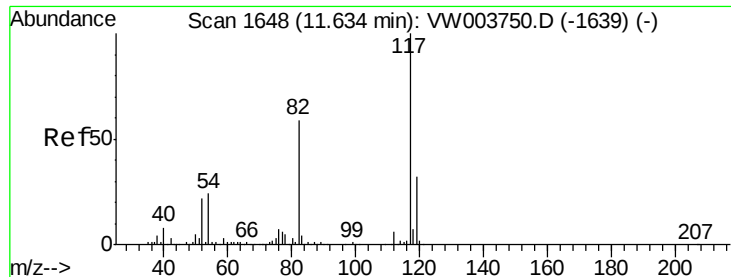


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

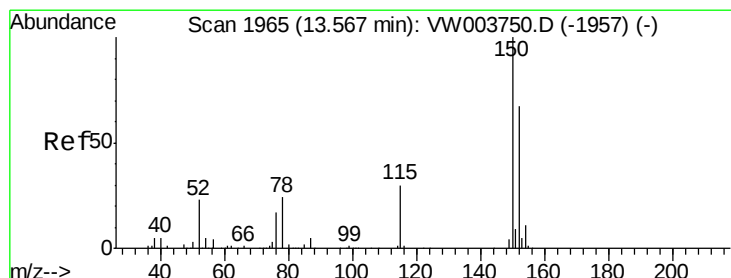
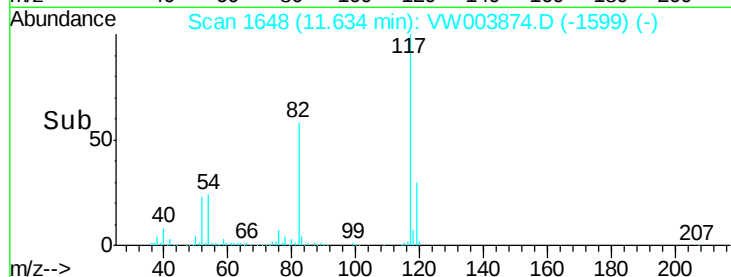
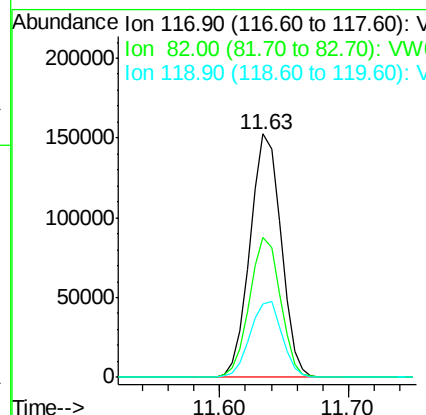
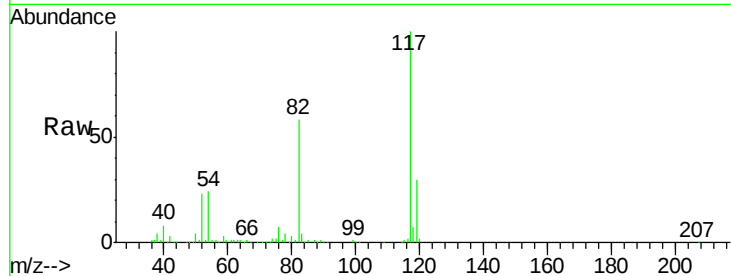




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.8
150	158.0	0.0	342.4

