

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008810.D
 Acq On : 25 Feb 2019 16:44
 Operator : SY/VA
 Sample : K1348-03
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-022219-A

Quant Time: Feb 26 04:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

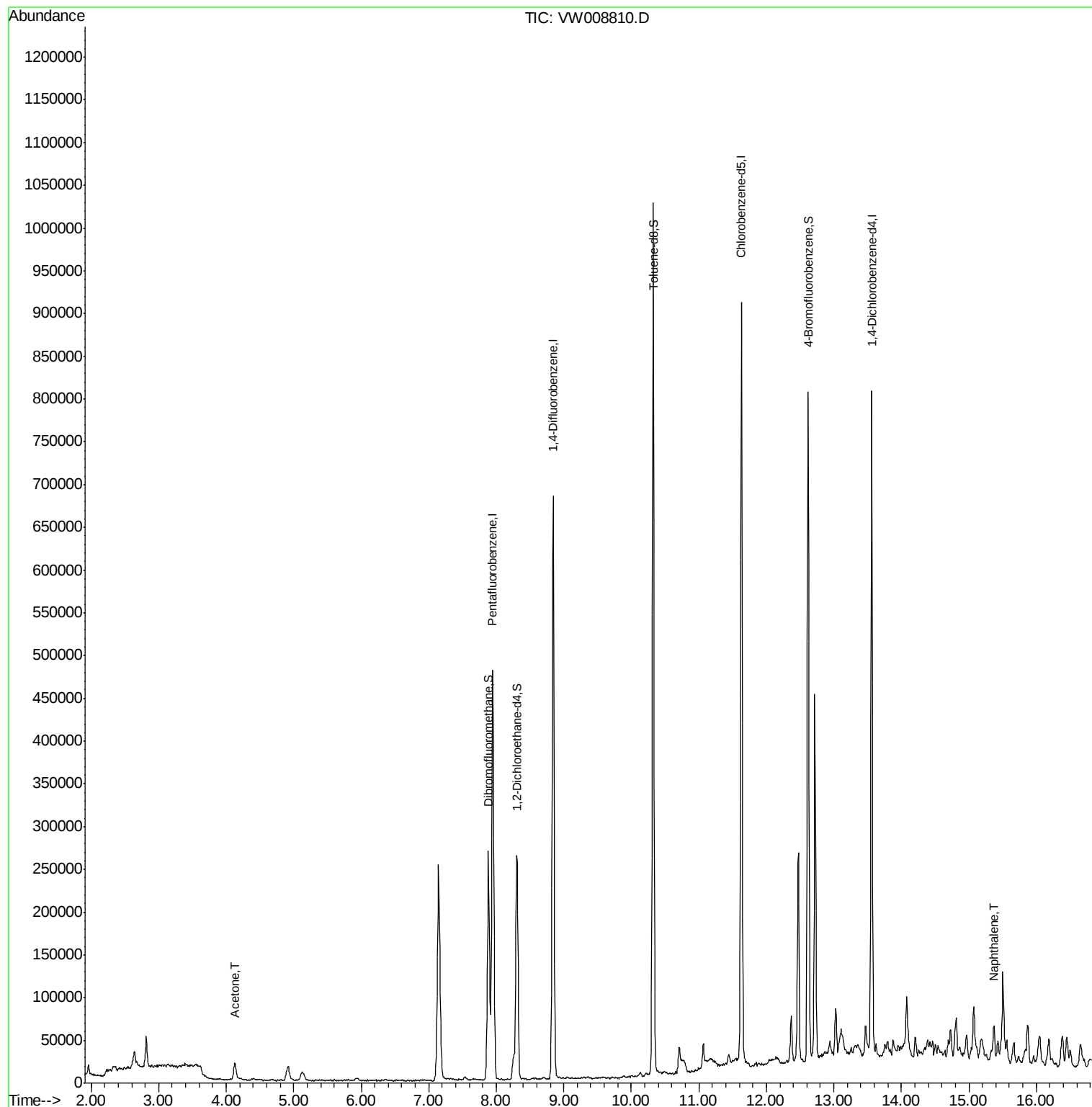
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	369732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	566684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	199921	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
35) Dibromofluoromethane	7.88	113	178162	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	659906	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	217840	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
Target Compounds						
16) Acetone	4.13	43	35384	44.021	ug/l	93
95) Naphthalene	15.38	128	32546	4.465	ug/l	96

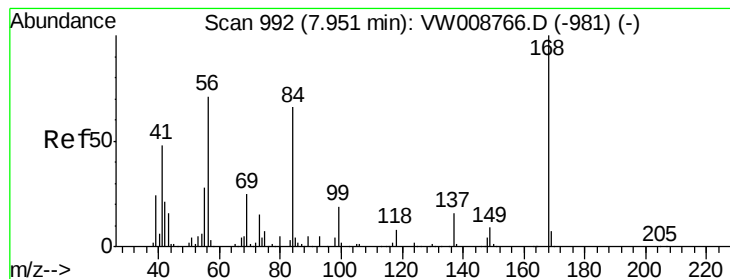
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 25 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

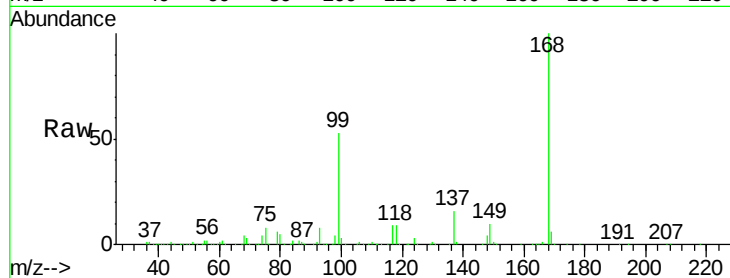
OK-03-022219-A

Tot Ion:168 Resp: 369732

Ion Ratio Lower Upper

168 100

99 52.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

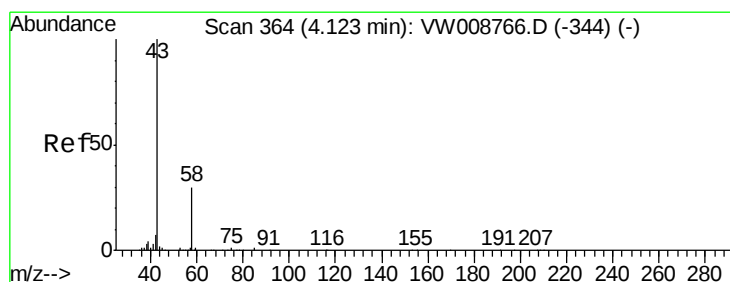
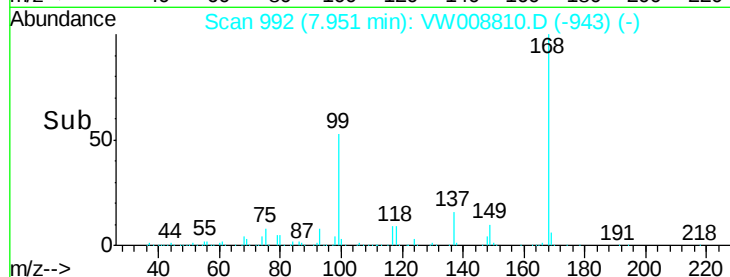
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 44.021 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008810.D

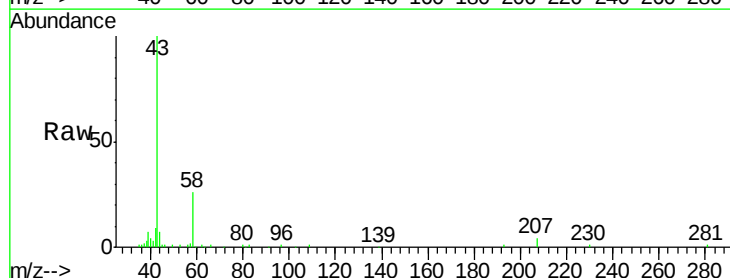
Acq: 25 Feb 2019 16:44

Tgt Ion: 43 Resp: 35384

Ion Ratio Lower Upper

43 100

58 26.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

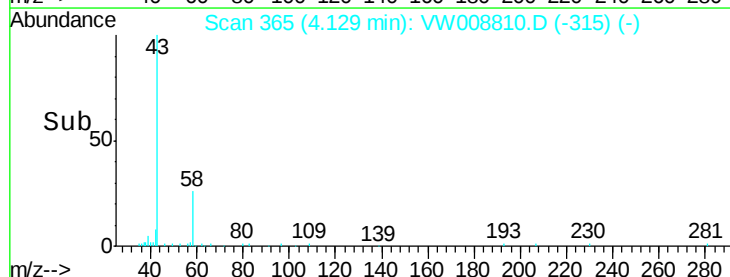
15000

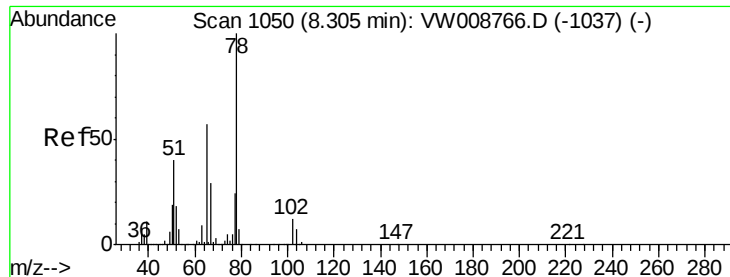
10000

5000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 57.651 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

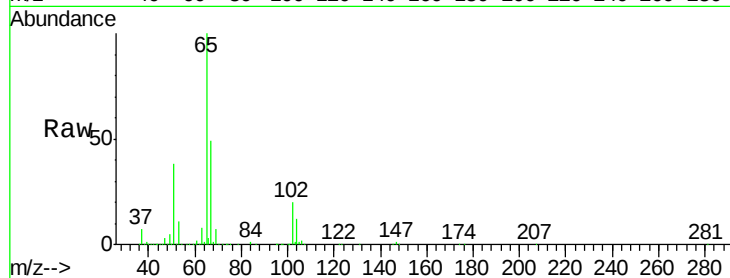
OK-03-022219-A

Tot Ion: 65 Resp: 199921

Ion Ratio Lower Upper

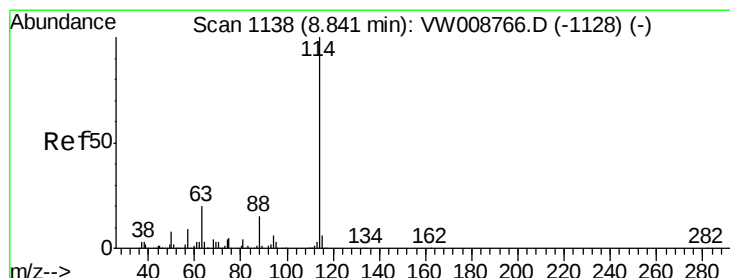
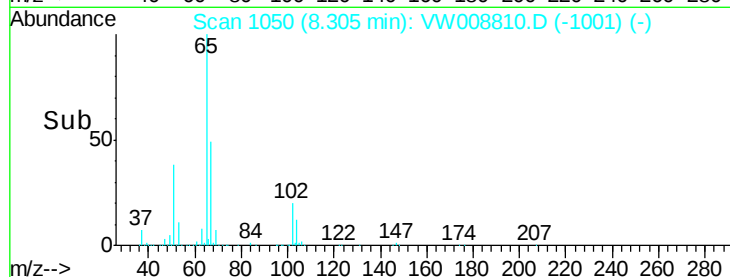
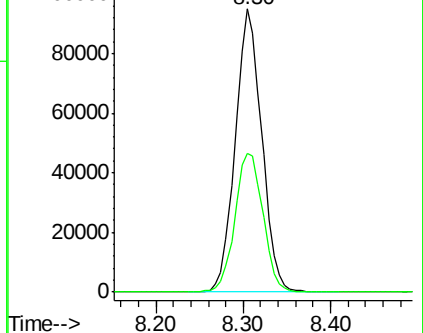
65 100

67 52.2 0.0 101.4



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

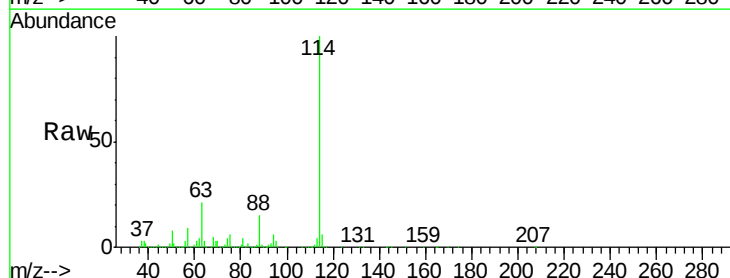
Tgt Ion: 114 Resp: 566684

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

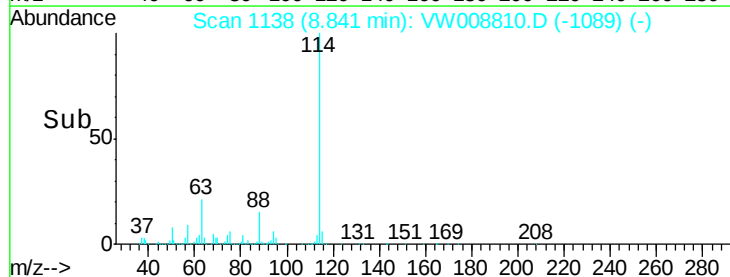
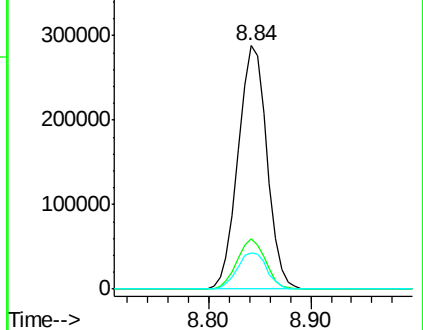
88 14.8 0.0 30.4

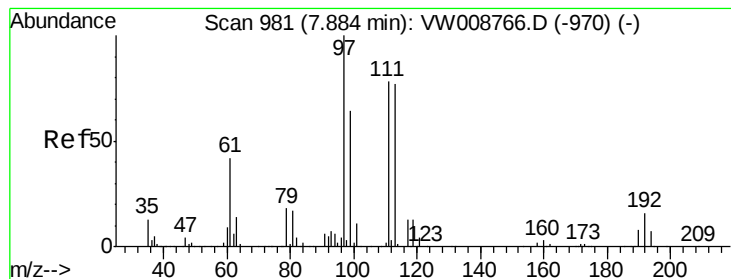


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

OK-03-022219-A

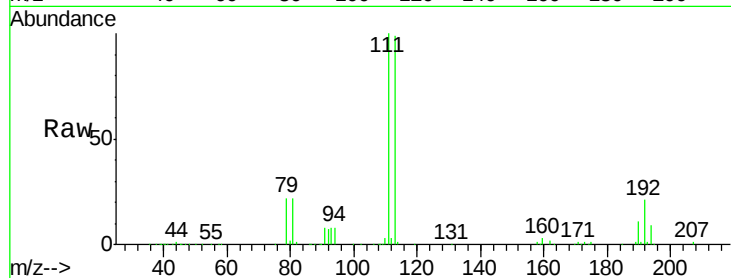
Tot Ion:113 Resp: 178162

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

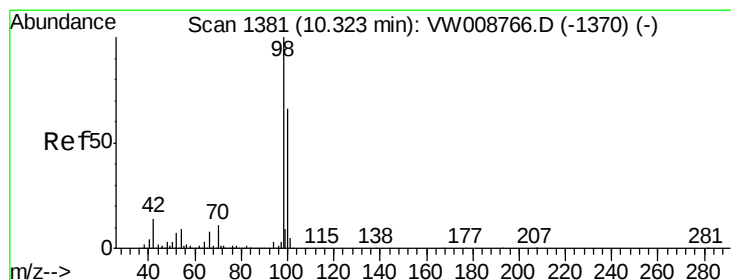
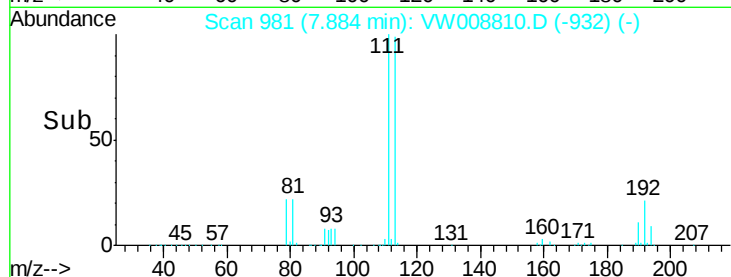
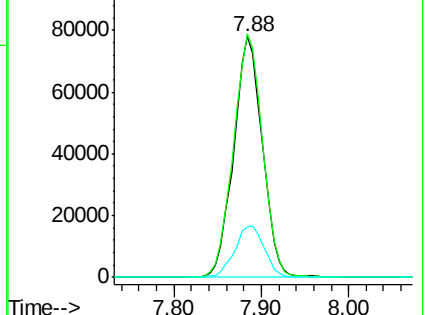
192 22.0 17.1 25.7



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: 50.242 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008810.D

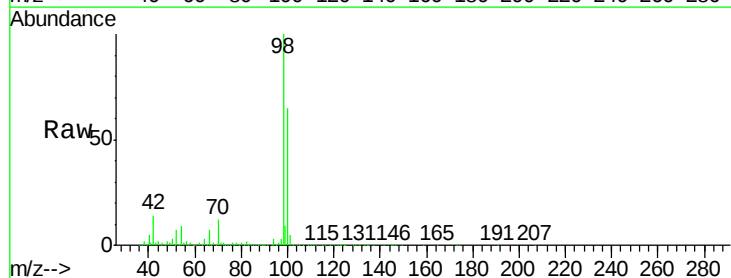
Acq: 25 Feb 2019 16:44

Tgt Ion: 98 Resp: 659906

Ion Ratio Lower Upper

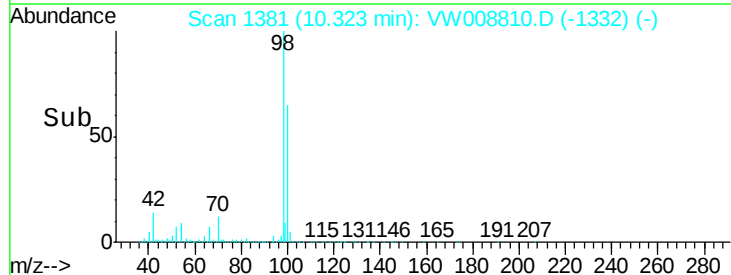
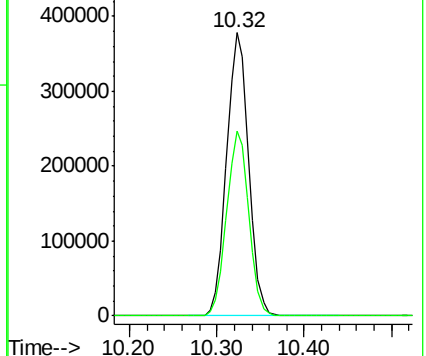
98 100

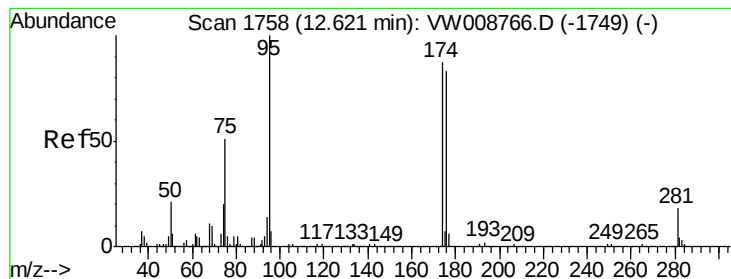
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.359 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

OK-03-022219-A

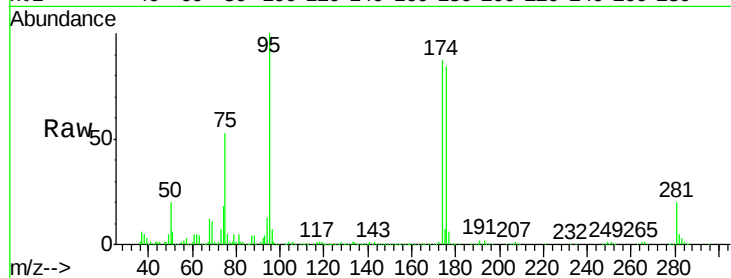
Tot Ion: 95 Resp: 217840

Ion Ratio Lower Upper

95 100

174 84.0 0.0 169.2

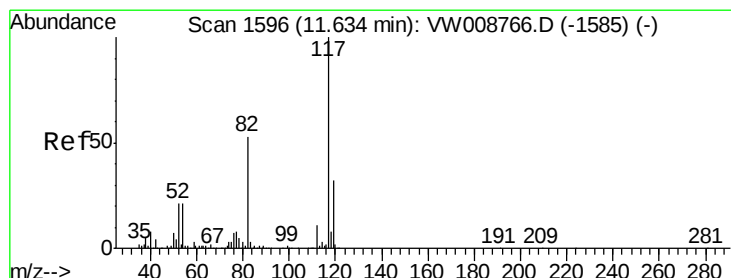
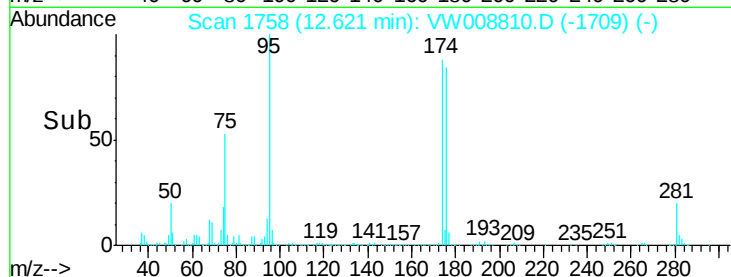
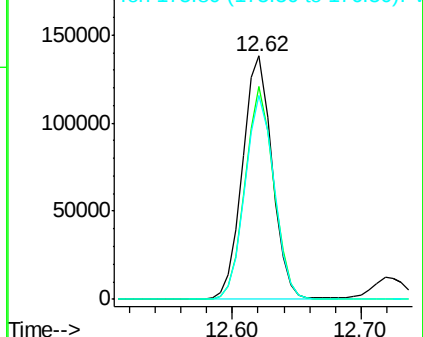
176 82.8 0.0 163.6



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: VW008810.D

Acq: 25 Feb 2019 16:44

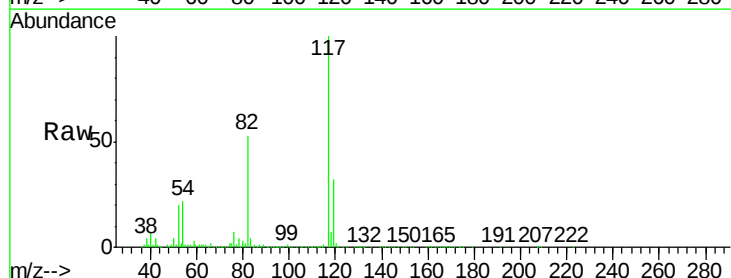
Tgt Ion: 117 Resp: 480556

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.4

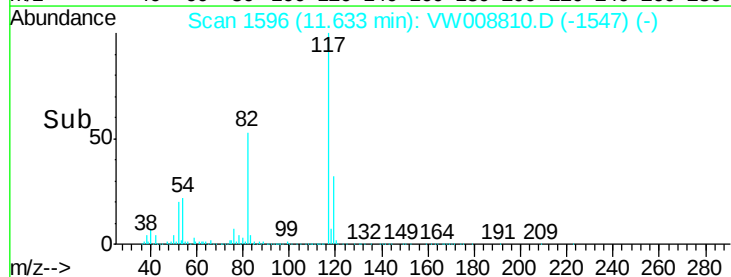
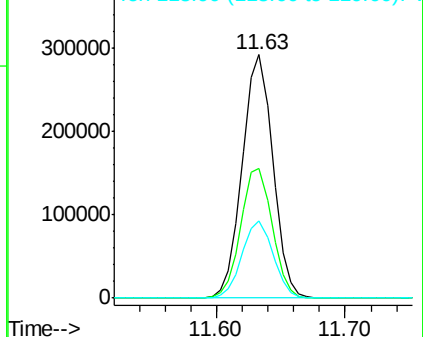
119 31.7 25.9 38.9

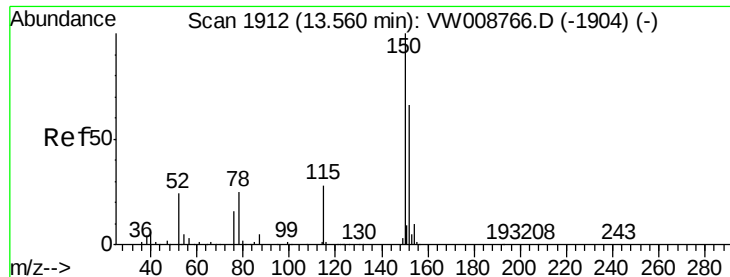


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

OK-03-022219-A

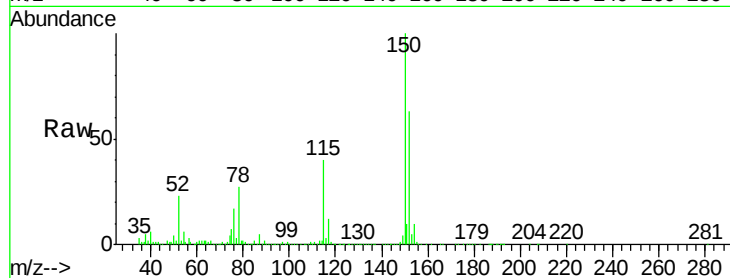
Tot Ion:152 Resp: 198388

Ion Ratio Lower Upper

152 100

115 59.1 28.6 85.8

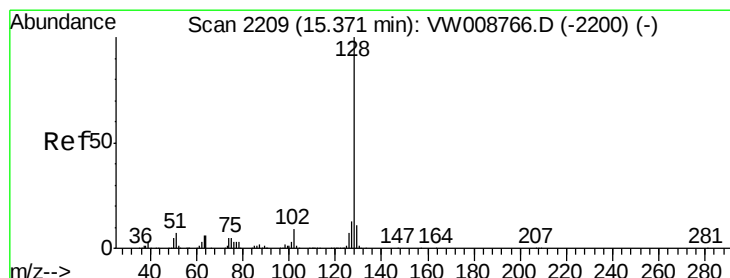
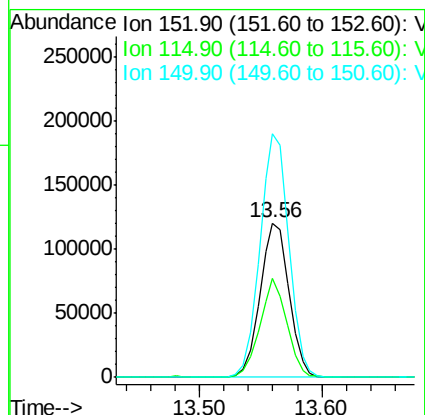
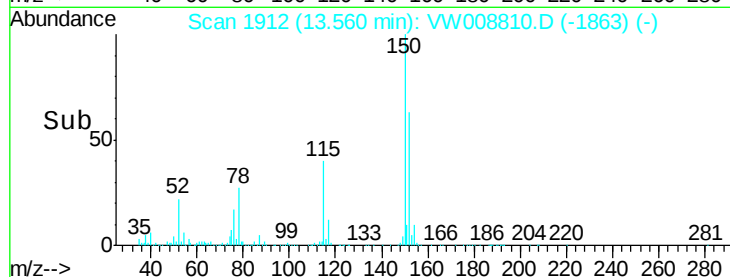
150 157.4 0.0 348.0



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: 4.465 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008810.D

Acq: 25 Feb 2019 16:44

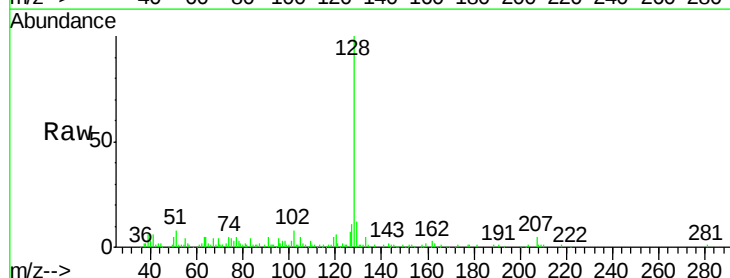
Tgt Ion:128 Resp: 32546

Ion Ratio Lower Upper

128 100

127 14.7 10.8 16.2

129 12.9 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

