

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008793.D
 Acq On : 22 Feb 2019 16:58
 Operator : SY/VA
 Sample : K1592-01RE
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

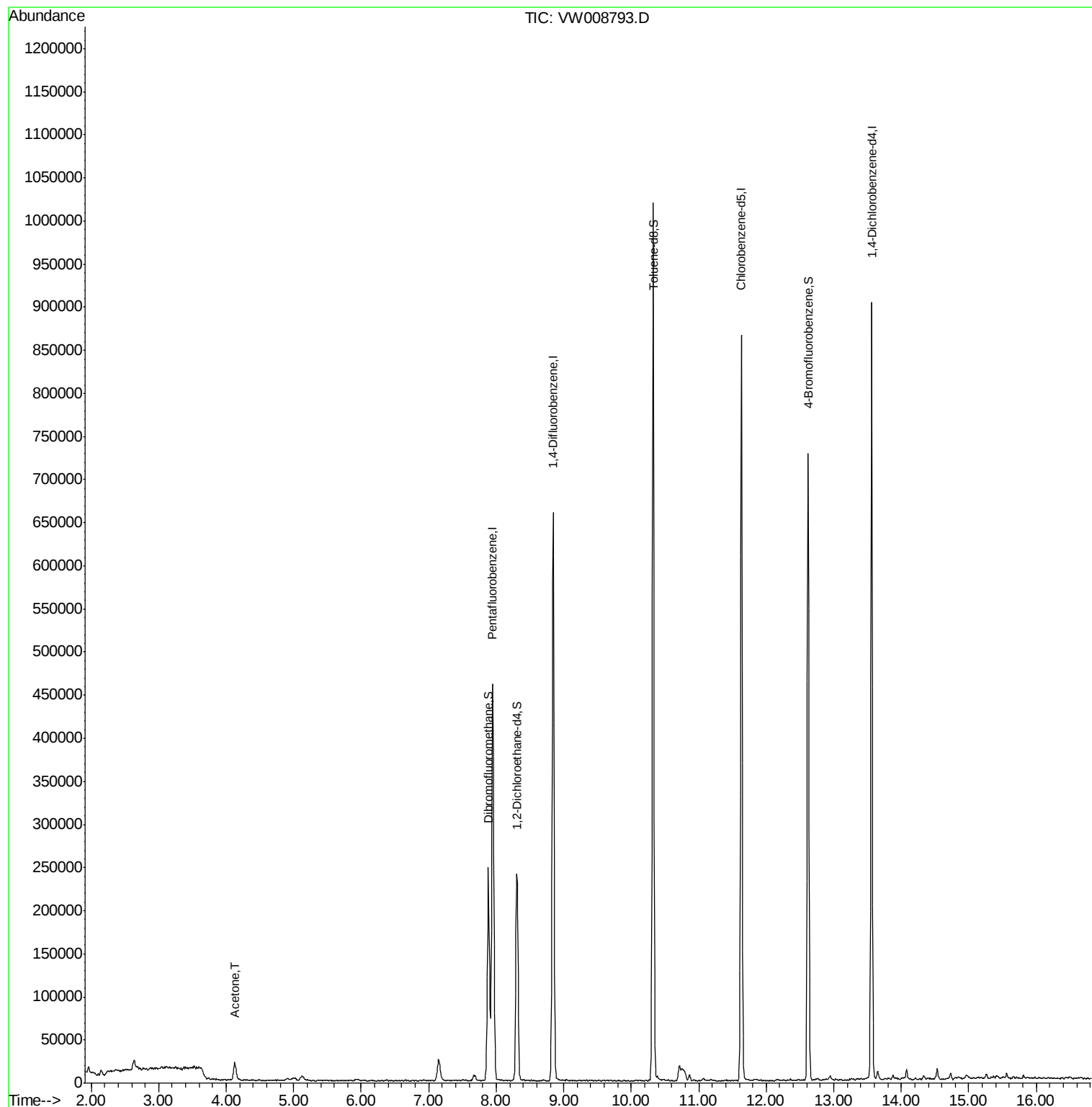
Quant Time: Feb 23 04:09:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

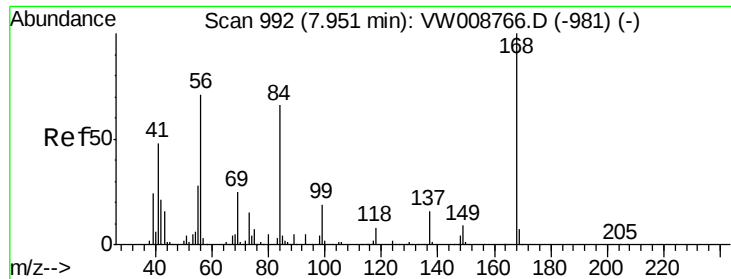
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.95	168	357332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	550067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191184	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	7.88	113	168185	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	651209	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	218248	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
Target Compounds						Qvalue
16) Acetone	4.13	43	35988	46.326	ug/l	94
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008793.D

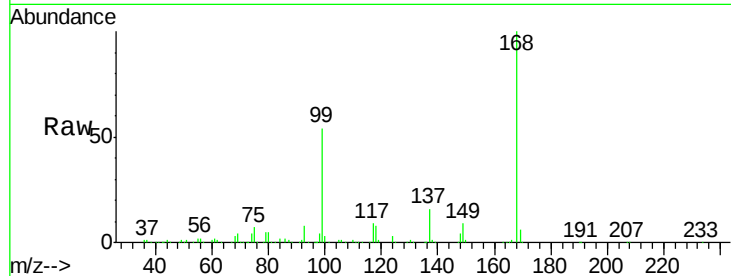
Acq: 22 Feb 2019 16:58

Tot Ion:168 Resp: 357332

Ion Ratio Lower Upper

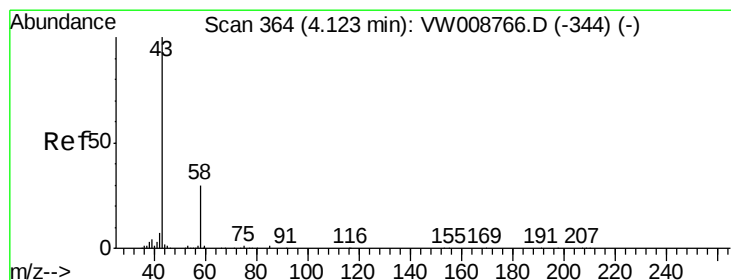
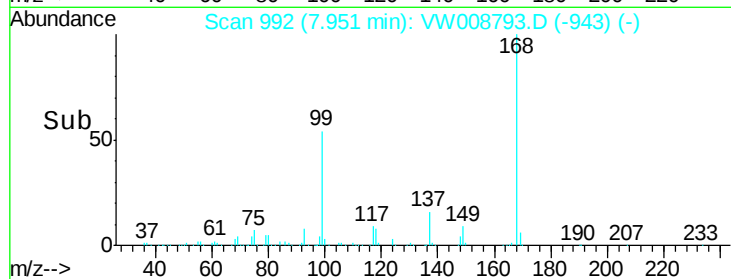
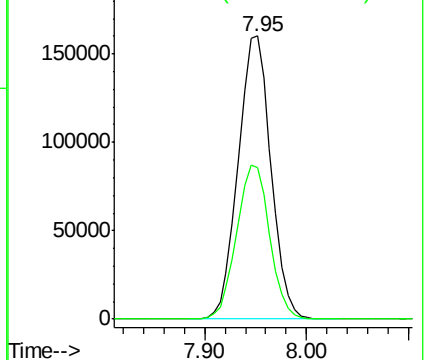
168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 46.326 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008793.D

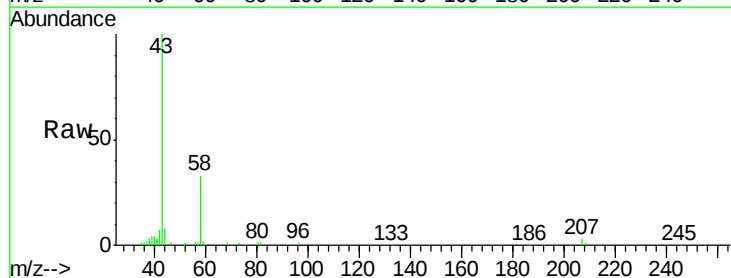
Acq: 22 Feb 2019 16:58

Tgt Ion: 43 Resp: 35988

Ion Ratio Lower Upper

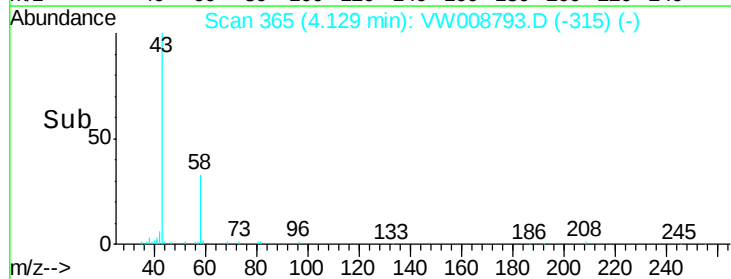
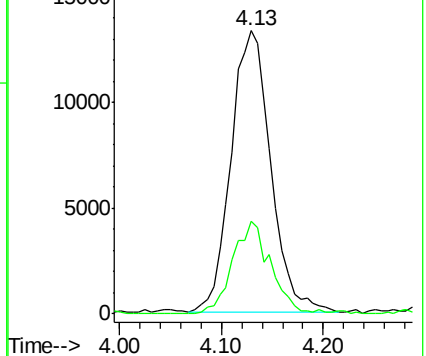
43 100

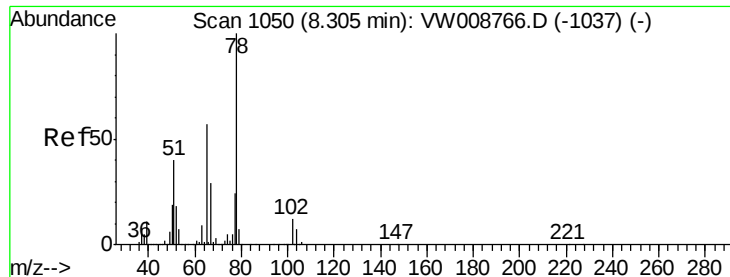
58 32.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.045 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008793.D

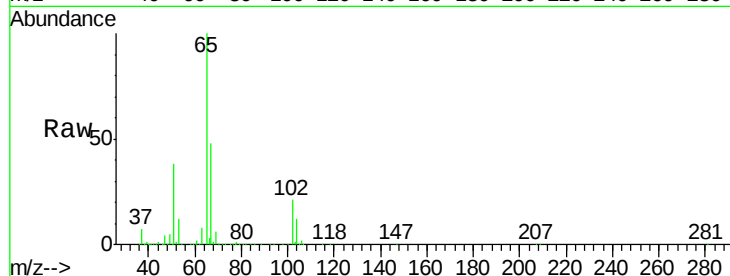
Acq: 22 Feb 2019 16:58

Tot Ion: 65 Resp: 191184

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

40000

20000

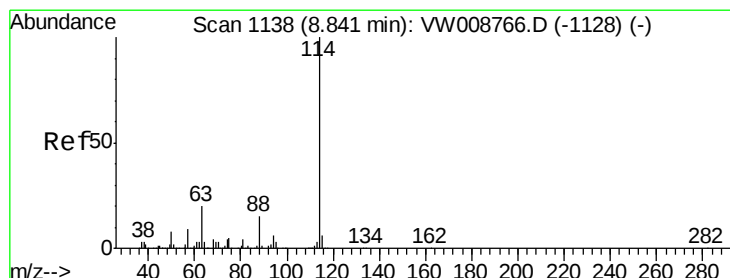
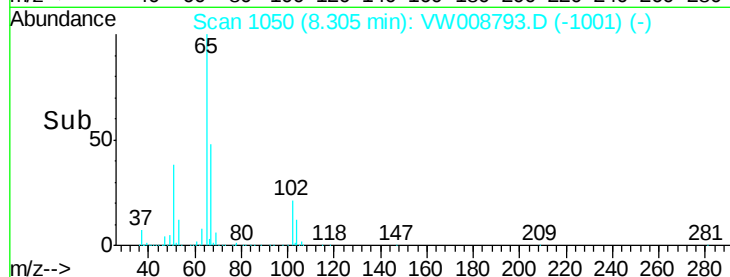
0

Time-->

8.20

8.30

8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

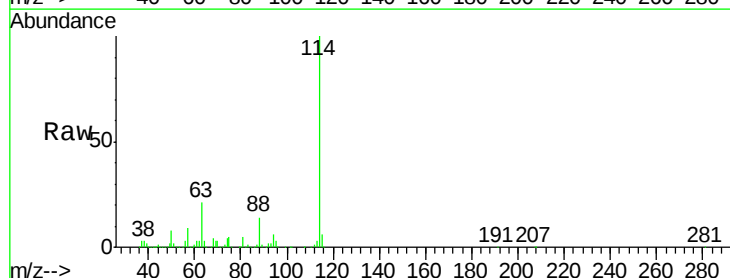
Tgt Ion: 114 Resp: 550067

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.2 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

8.84

300000

200000

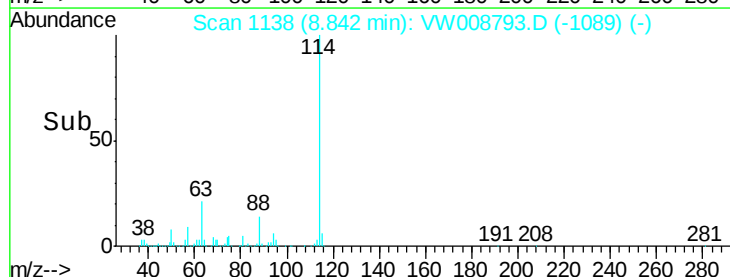
100000

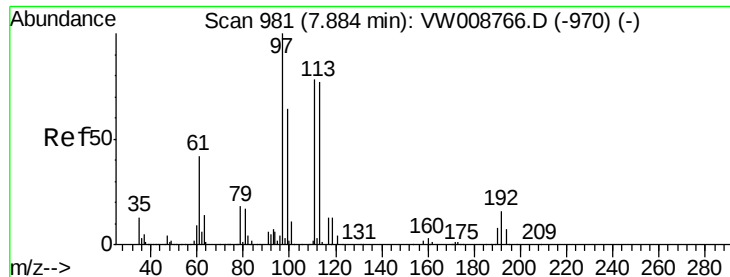
0

Time-->

8.80

8.90





#35

Dibromofluoromethane

Concen: 50.924 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

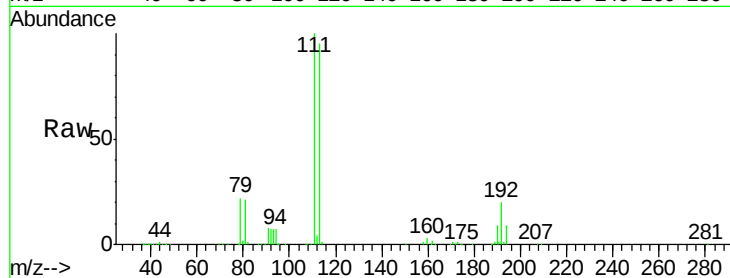
Tot Ion:113 Resp: 168185

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

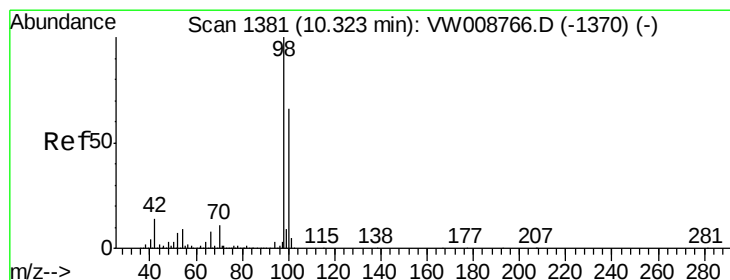
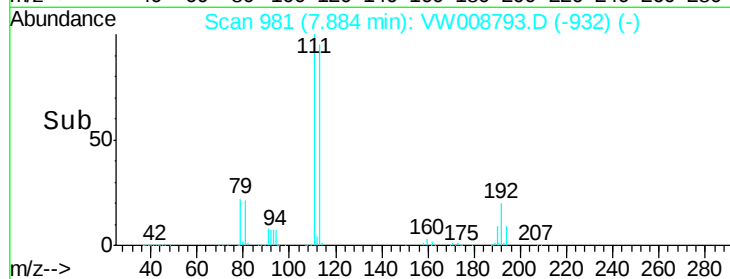
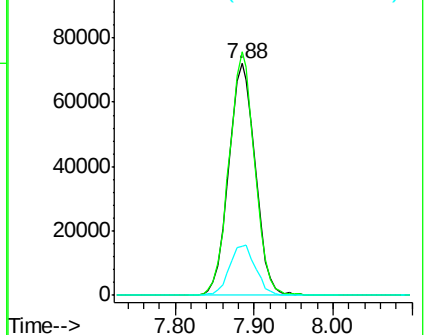
192 21.5 17.1 25.7



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: 51.078 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008793.D

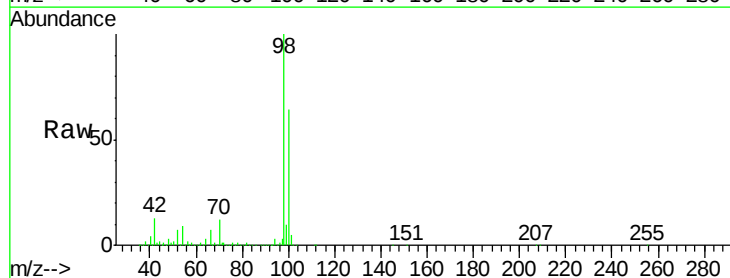
Acq: 22 Feb 2019 16:58

Tgt Ion: 98 Resp: 651209

Ion Ratio Lower Upper

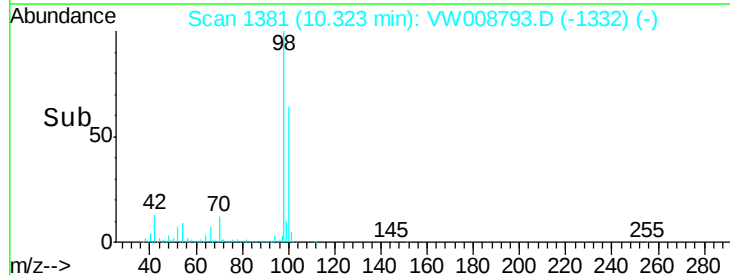
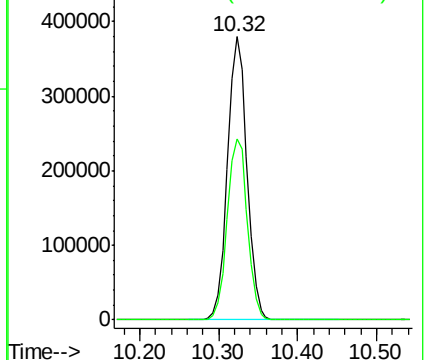
98 100

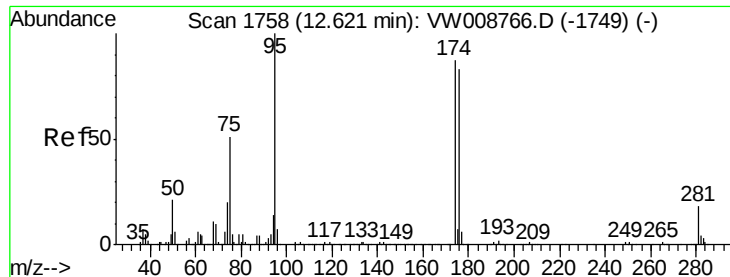
100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

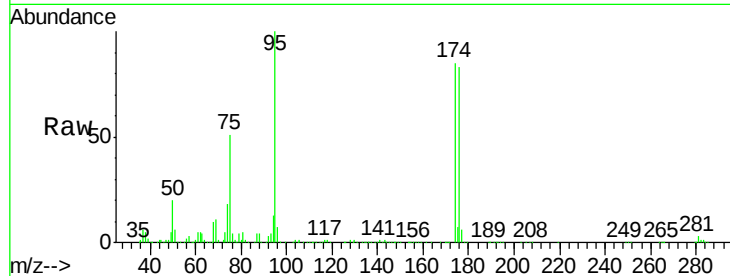
Ion 100.00 (99.70 to 100.70): VW



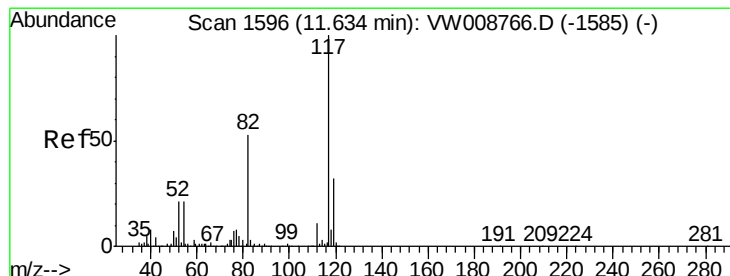
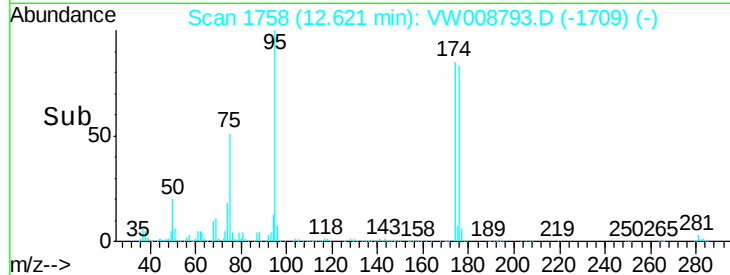
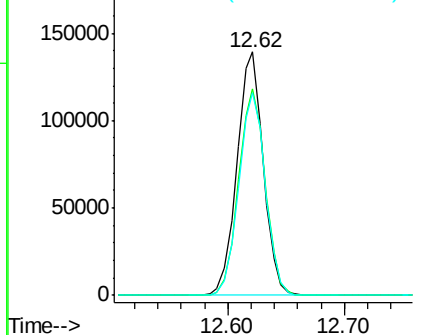


#62
4-Bromofluorobenzene
Concen: 43.721 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tot Ion	95	Resp	218248
Ion Ratio	100		
Lower			
Upper			
95	100		
174	86.4	0.0	169.2
176	84.2	0.0	163.6

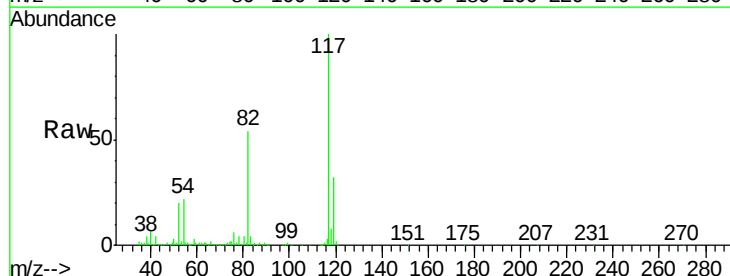


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

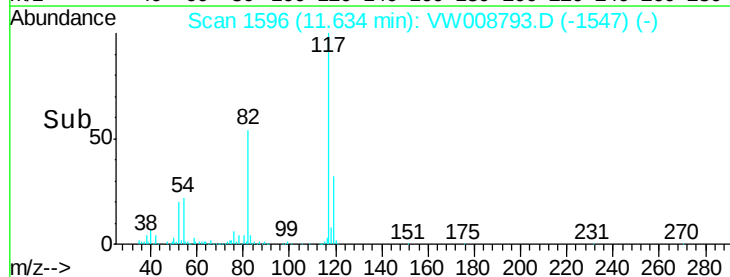
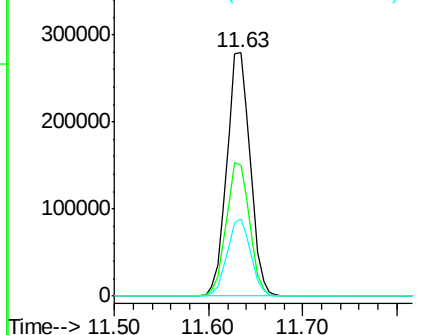


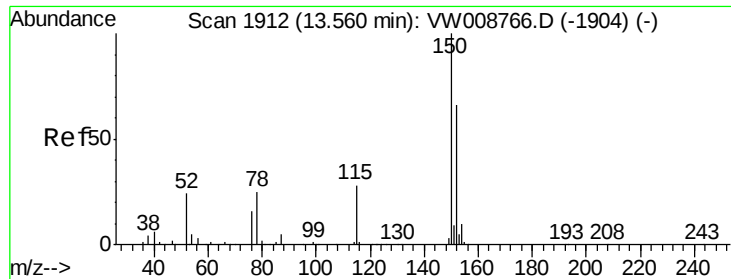
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion	117	Resp	480984
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
117	100		
82	54.0	42.2	63.4
119	31.6	25.9	38.9



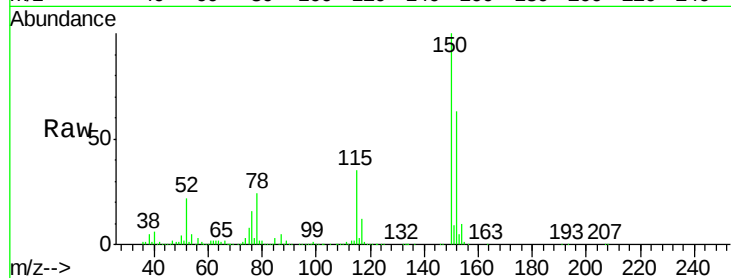
Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008793.D
 Acq: 22 Feb 2019 16:58

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.6	85.8
150	157.7	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

