

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008792.D
 Acq On : 22 Feb 2019 16:32
 Operator : SY/VA
 Sample : K1556-01RE
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

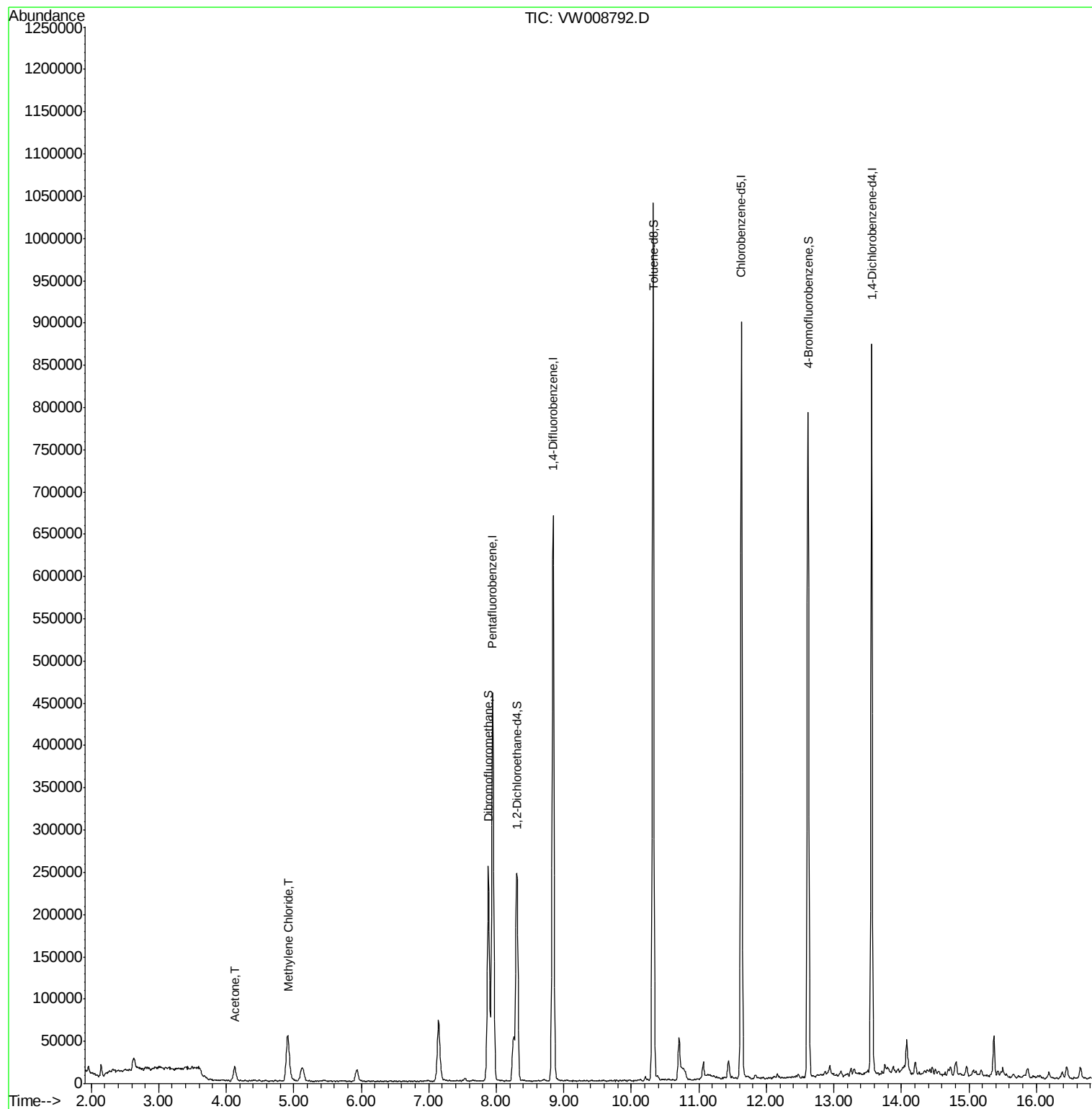
Quant Time: Feb 23 04:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

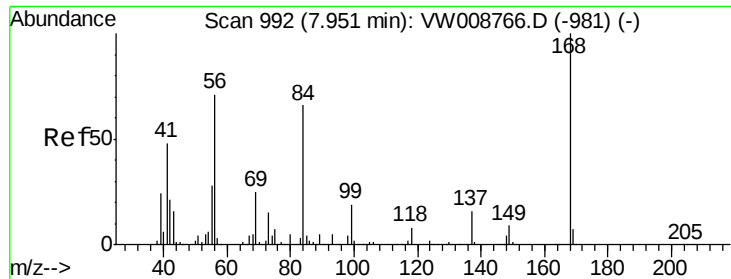
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	362709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	558746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	192649	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	165775	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.32	98	655468	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	220163	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
16) Acetone	4.13	43	28808	36.534	ug/l	100
20) Methylene Chloride	4.92	84	43752	6.855	ug/l	90

(#) = 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# 991

Delta R.T. -0.01 min

Lab File: VW008792.D

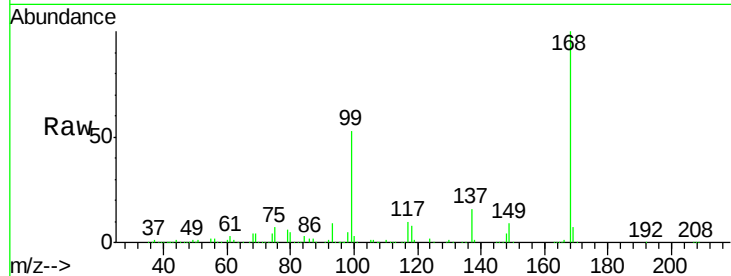
Acq: 22 Feb 2019 16:32

Tot Ion:168 Resp: 362709

Ion Ratio Lower Upper

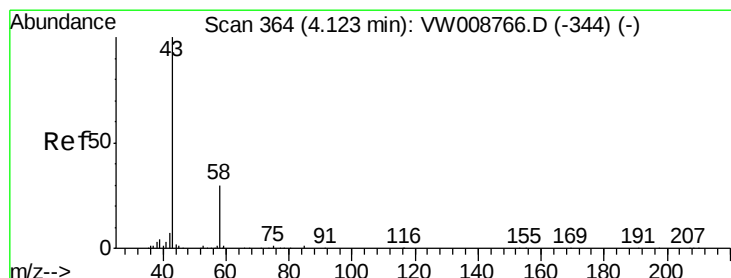
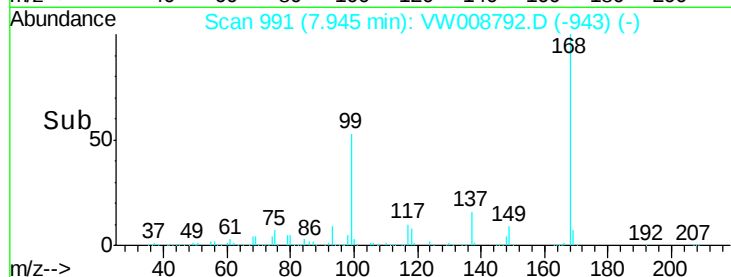
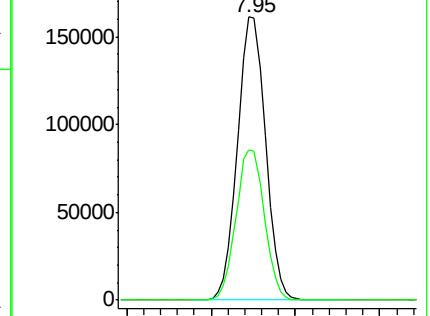
168 100

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



#16

Acetone

Concen: 36.534 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008792.D

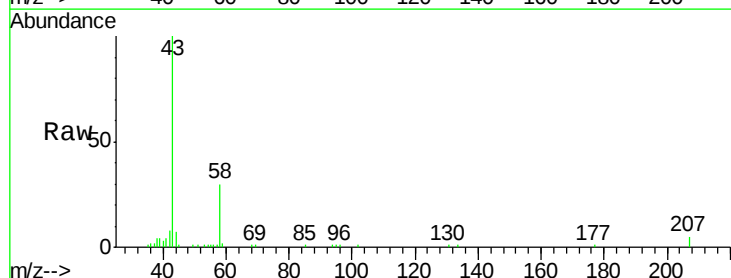
Acq: 22 Feb 2019 16:32

Tgt Ion: 43 Resp: 28808

Ion Ratio Lower Upper

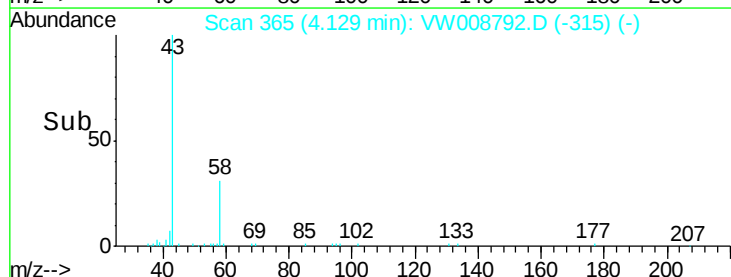
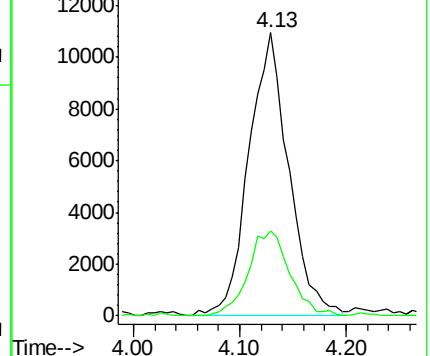
43 100

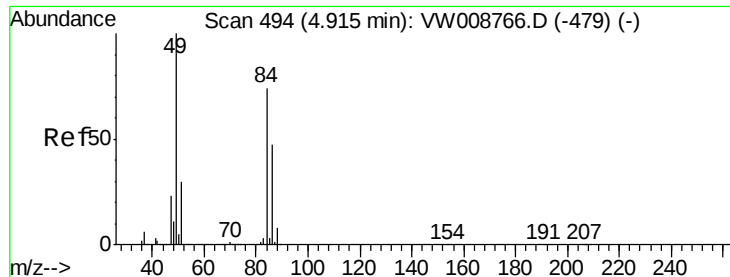
58 30.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 6.855 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008792.D

Acq: 22 Feb 2019 16:32

Tot Ion: 84 Resp: 43752

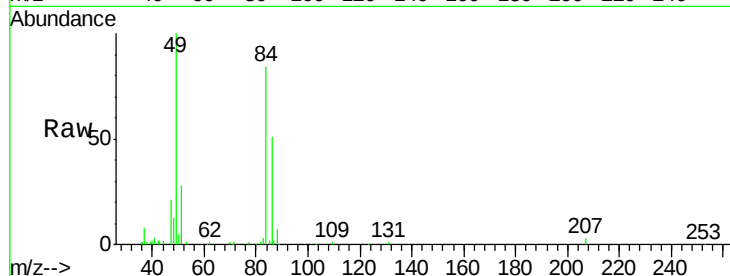
Ion	Ratio	Lower	Upper
84	100		
49	119.2	108.2	162.2
51	33.3	32.7	49.1
86	60.5	50.3	75.5

84 100

49 119.2 108.2 162.2

51 33.3 32.7 49.1

86 60.5 50.3 75.5



Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

Time-->

4.80 4.90 5.00

15000

10000

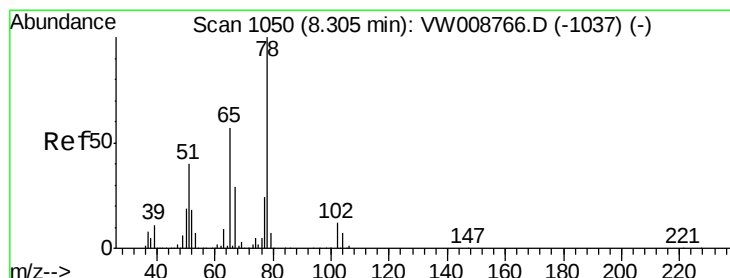
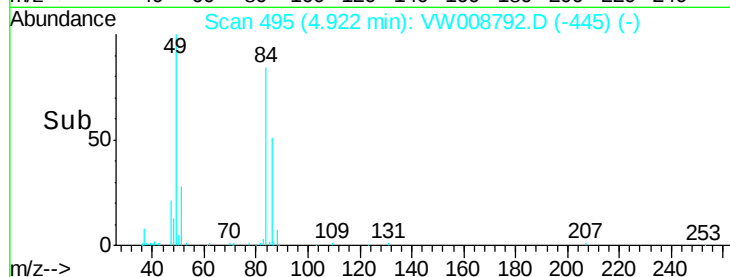
5000

0

4.92

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 56.630 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008792.D

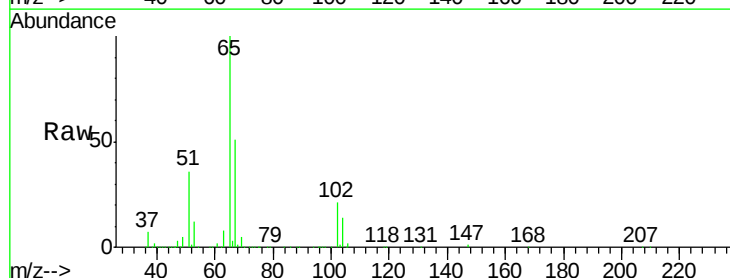
Acq: 22 Feb 2019 16:32

Tgt Ion: 65 Resp: 192649

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.4

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

Time-->

8.20 8.25 8.30 8.35 8.40

100000

80000

60000

40000

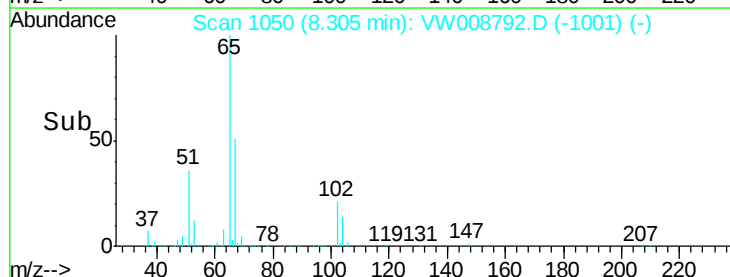
20000

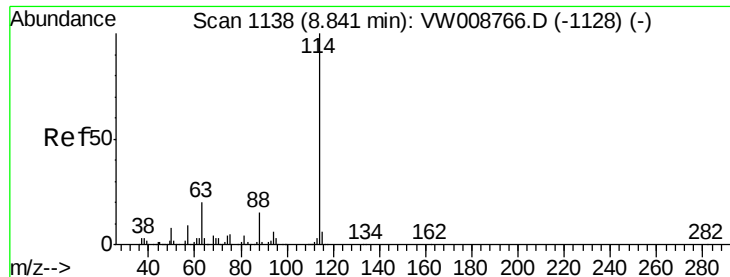
0

8.31

Time-->

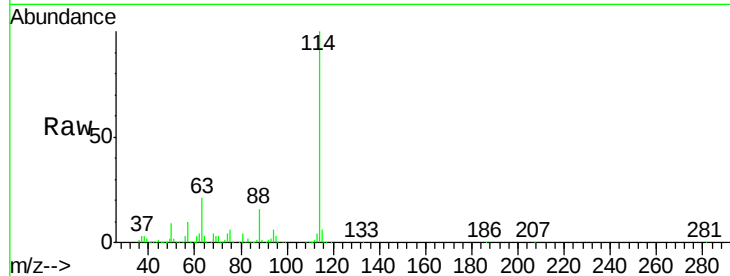
8.20 8.25 8.30 8.35 8.40



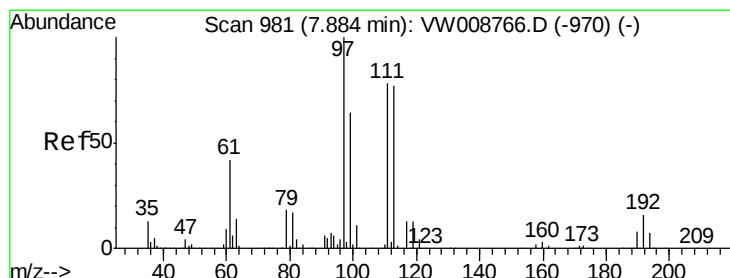
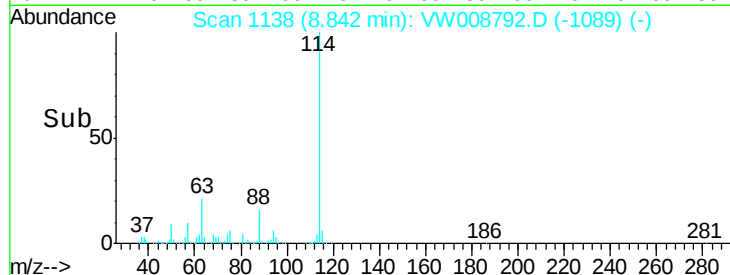
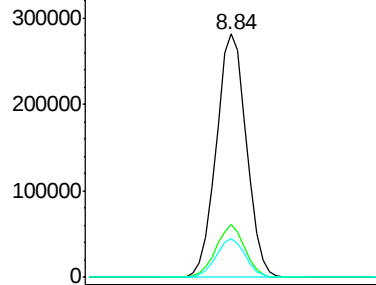


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008792.D
 Acq: 22 Feb 2019 16:32

Tot Ion:114	Resp:	558746
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 40.8
88	16.1	0.0 30.4

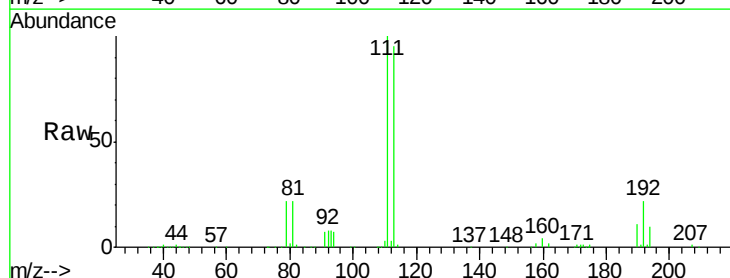


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

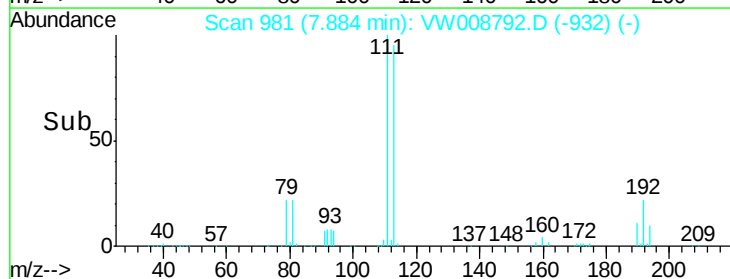
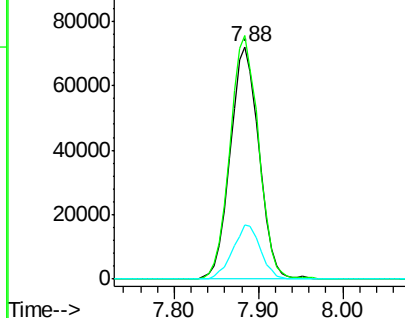


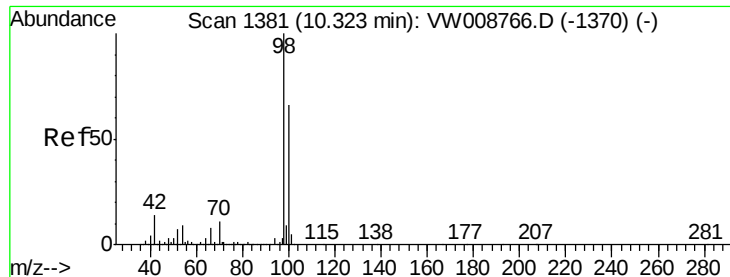
#35
 Dibromofluoromethane
 Concen: 49.415 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008792.D
 Acq: 22 Feb 2019 16:32

Tgt Ion:113	Resp:	165775
Ion Ratio	Lower	Upper
113	100	
111	104.2	81.9 122.9
192	22.5	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: 50.614 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008792.D

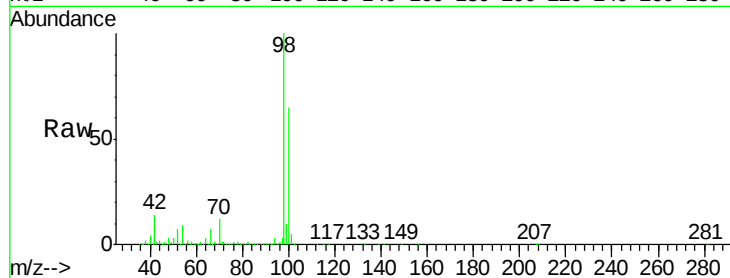
Acq: 22 Feb 2019 16:32

Tot Ion: 98 Resp: 655468

Ion Ratio Lower Upper

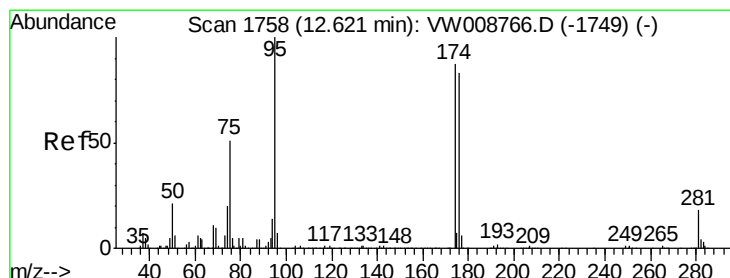
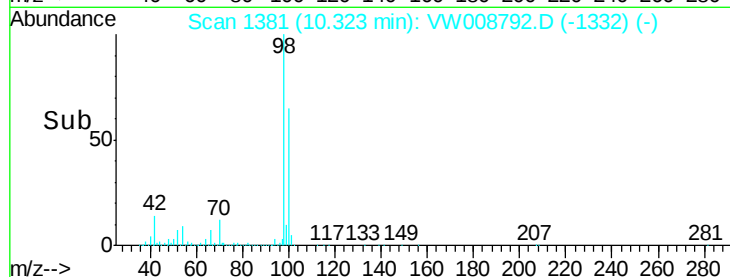
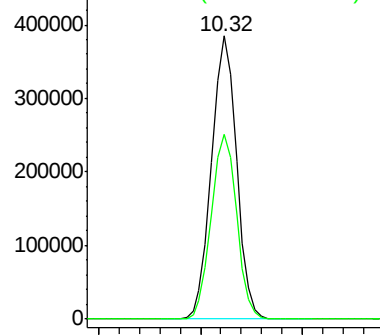
98 100

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: 43.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008792.D

Acq: 22 Feb 2019 16:32

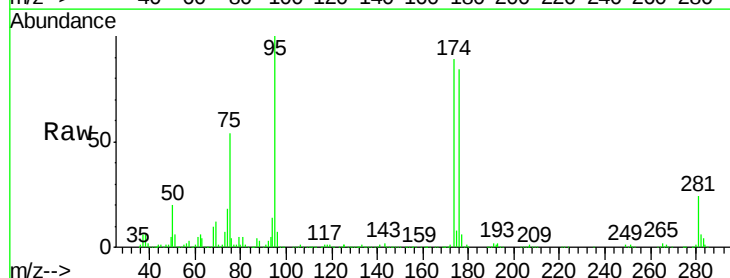
Tgt Ion: 95 Resp: 220163

Ion Ratio Lower Upper

95 100

174 87.2 0.0 169.2

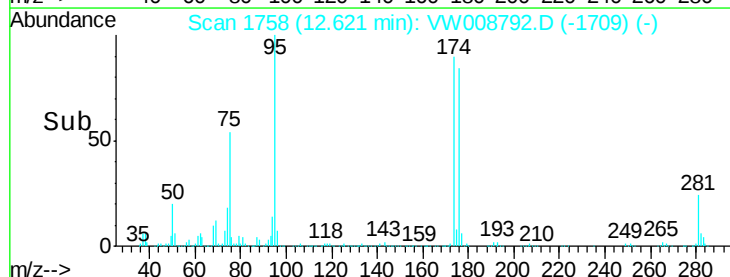
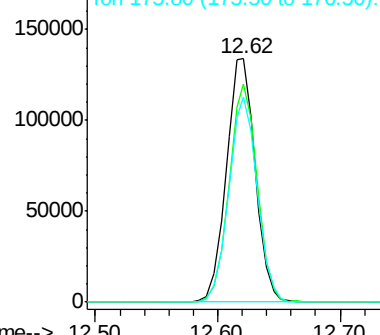
176 82.9 0.0 163.6

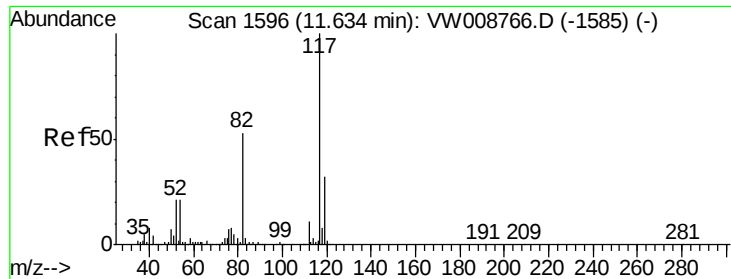


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

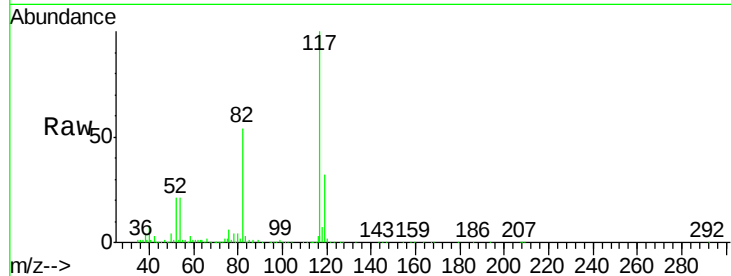
Ion 175.80 (175.50 to 176.50): V



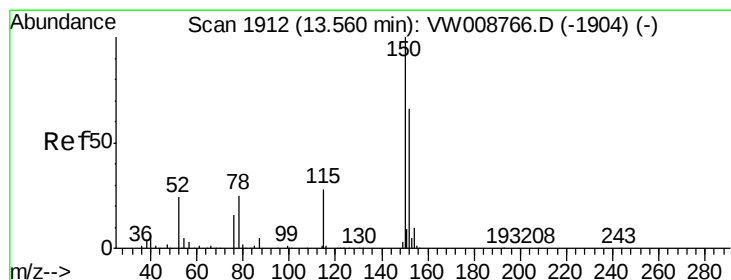
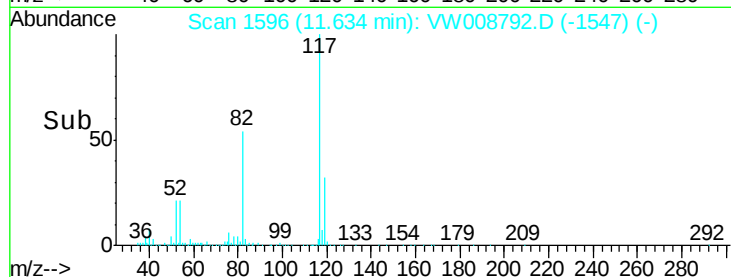
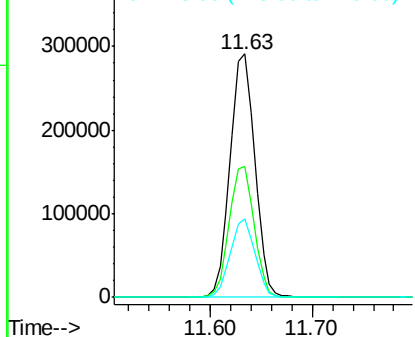


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008792.D
Acq: 22 Feb 2019 16:32

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	32.3	25.9	38.9

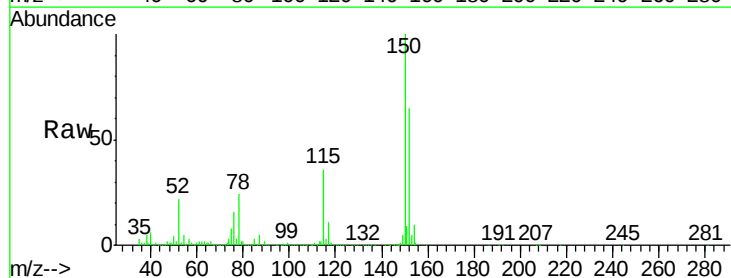


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008792.D
Acq: 22 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.8
150	156.8	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

