

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008796.D
 Acq On : 22 Feb 2019 18:19
 Operator : SY/VA
 Sample : K1597-03
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

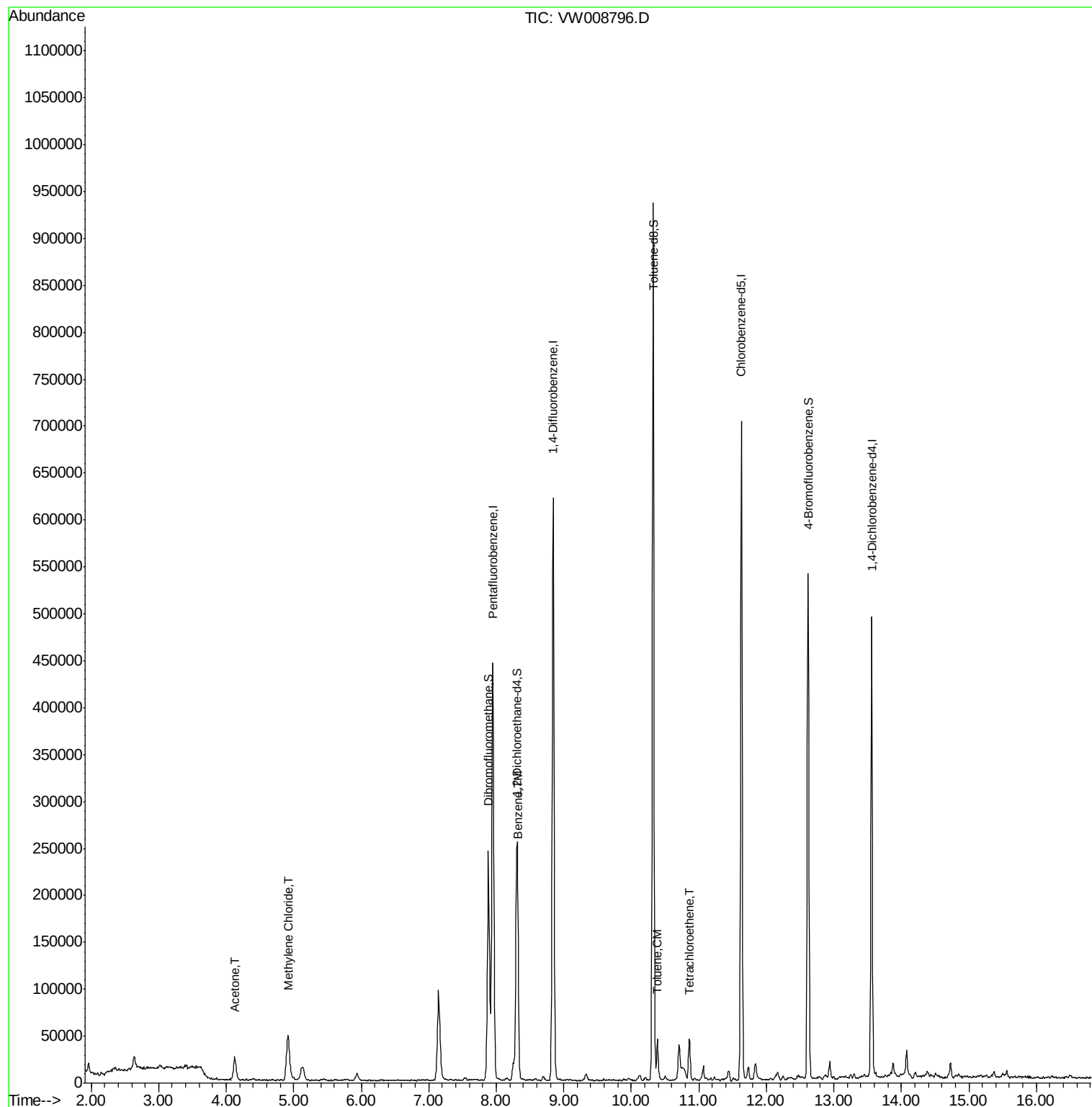
Quant Time: Feb 23 04:18:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

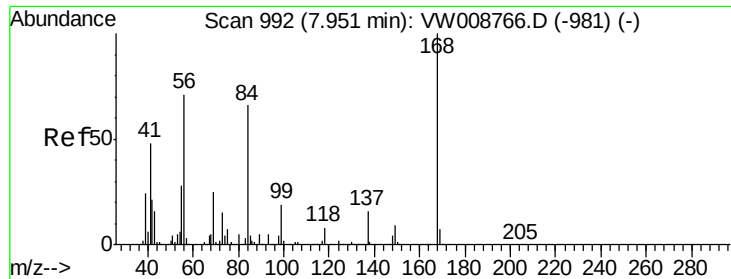
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	339772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	183457	57.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.14%	
35) Dibromofluoromethane	7.88	113	162477	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.32	98	593885	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	149836	32.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.78%	
Target Compounds						
16) Acetone	4.12	43	44881	60.760	ug/l	99
20) Methylene Chloride	4.91	84	36134	5.370	ug/l	96
40) Benzene	8.32	78	27731	2.047	ug/l	94
52) Toluene	10.38	92	17383	1.890	ug/l	98
64) Tetrachloroethene	10.86	164	9300	3.300	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008796.D

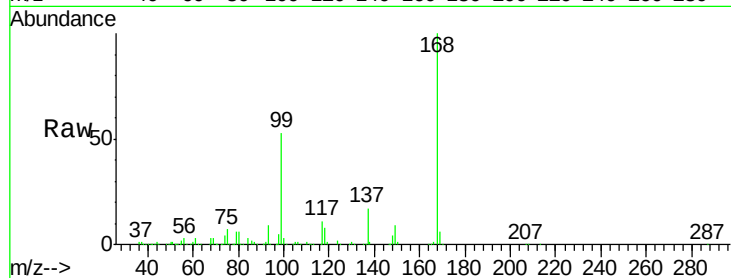
Acq: 22 Feb 2019 18:19

Tot Ion:168 Resp: 339772

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

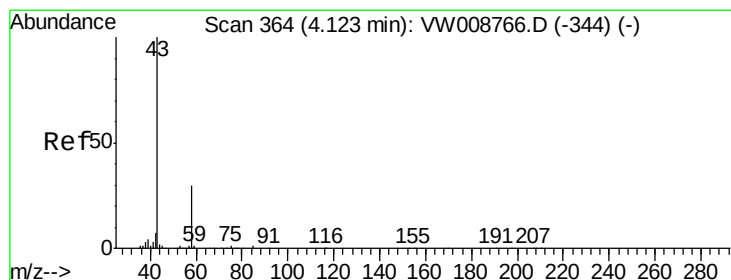
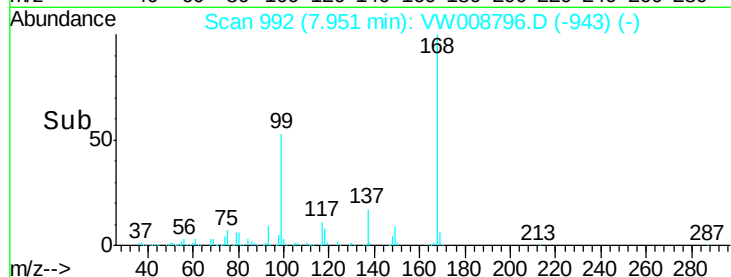
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.760 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008796.D

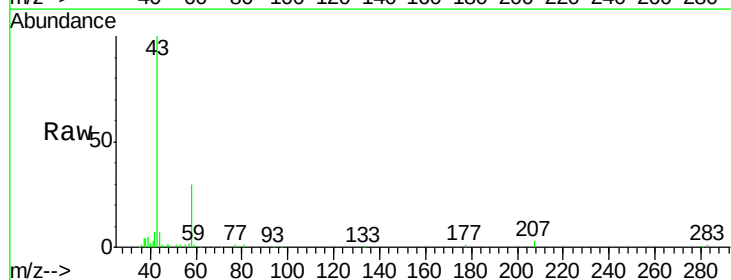
Acq: 22 Feb 2019 18:19

Tgt Ion: 43 Resp: 44881

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

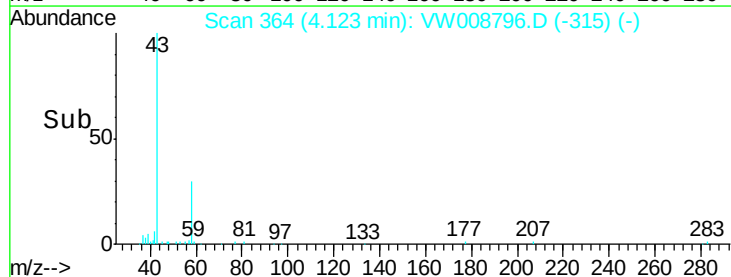
15000

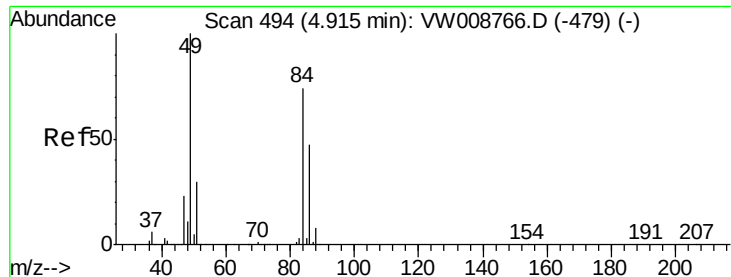
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 5.370 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008796.D

Acq: 22 Feb 2019 18:19

Tot Ion: 84 Resp: 36134

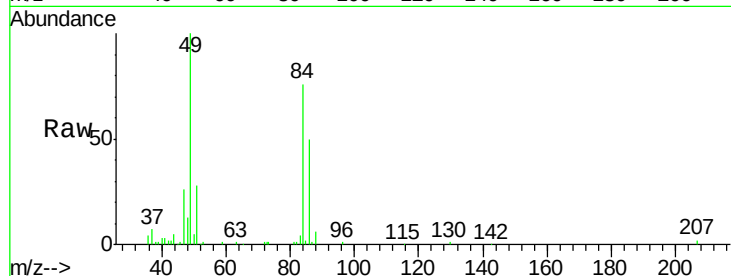
Ion	Ratio	Lower	Upper
84	100		
49	130.9	108.2	162.2
51	36.5	32.7	49.1
86	66.3	50.3	75.5

84 100

49 130.9 108.2 162.2

51 36.5 32.7 49.1

86 66.3 50.3 75.5

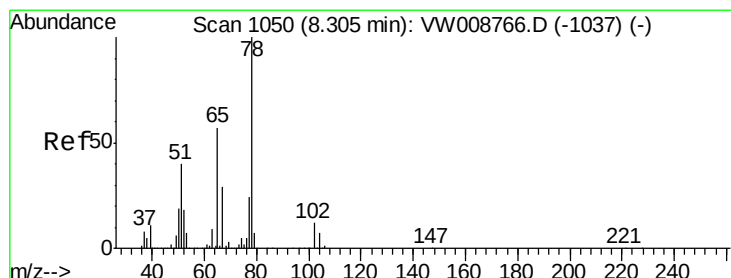
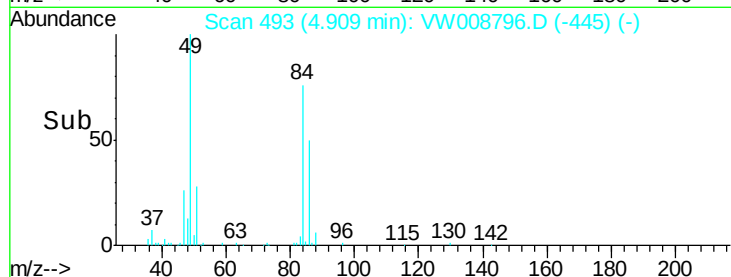
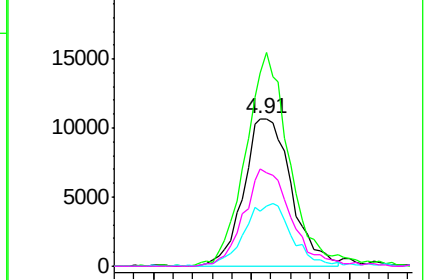


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 57.569 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008796.D

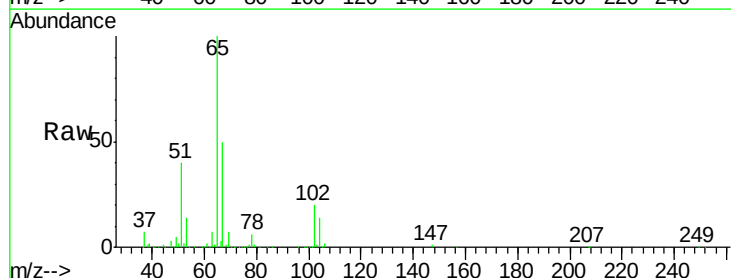
Acq: 22 Feb 2019 18:19

Tgt Ion: 65 Resp: 183457

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.4

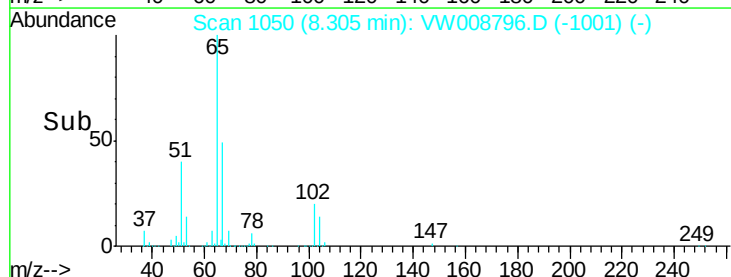
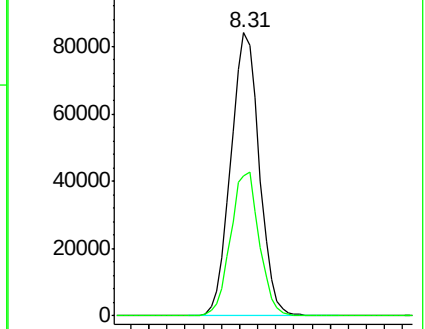
65 100

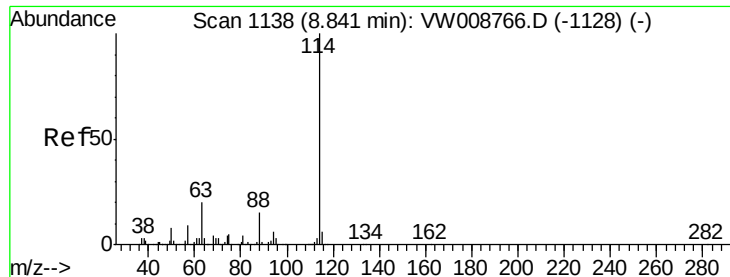
67 51.1 0.0 101.4



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: VW008796.D

Acq: 22 Feb 2019 18:19

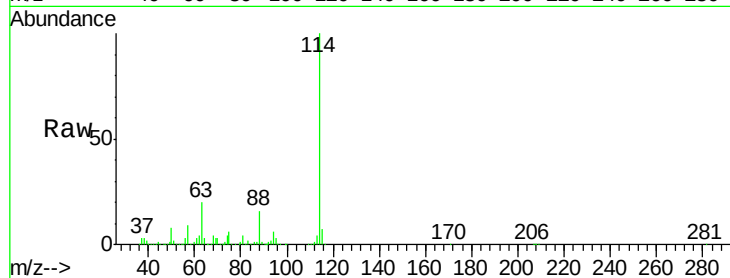
Tot Ion:114 Resp: 509786

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

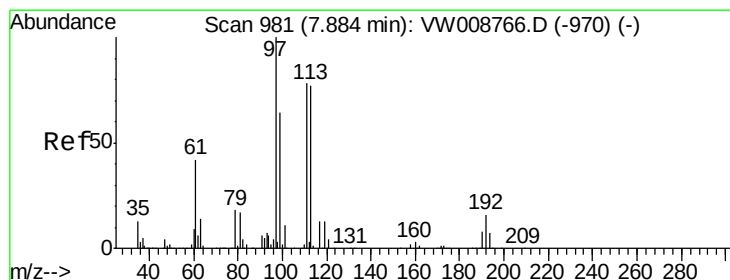
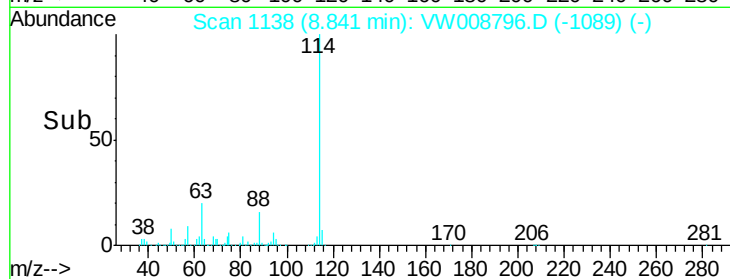
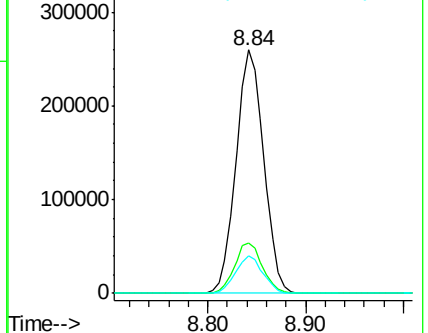
88 15.6 0.0 30.4



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: 53.083 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008796.D

Acq: 22 Feb 2019 18:19

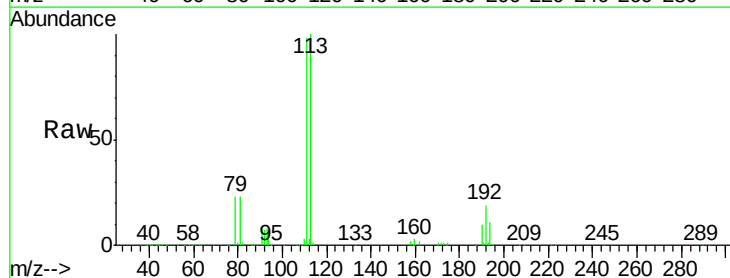
Tgt Ion:113 Resp: 162477

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

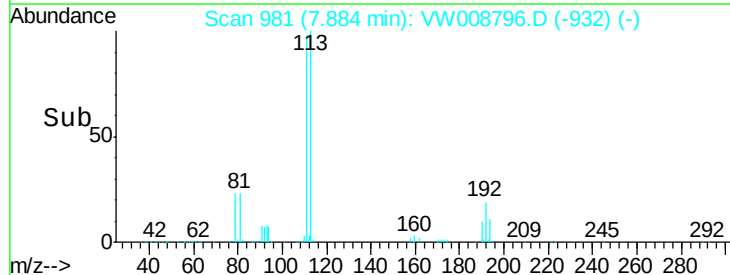
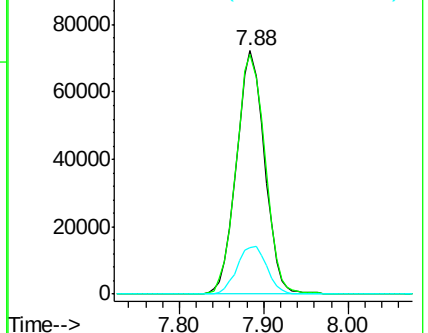
192 20.8 17.1 25.7

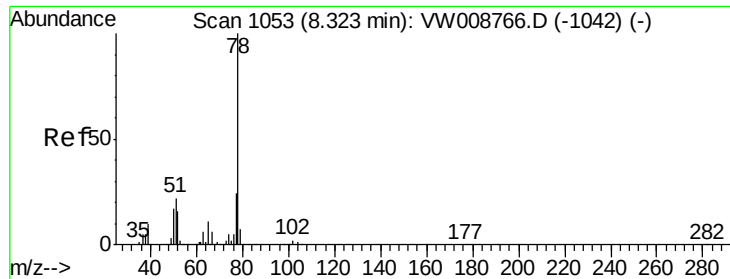


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.047 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008796.D

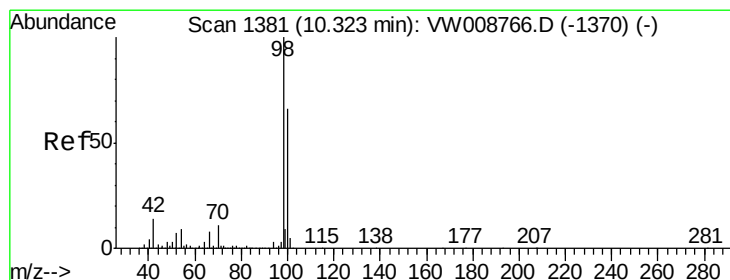
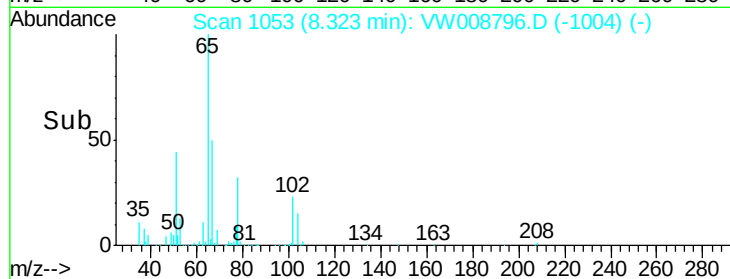
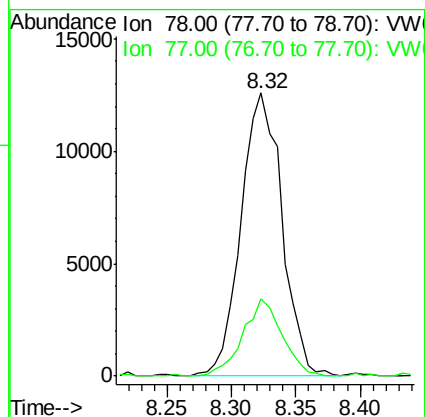
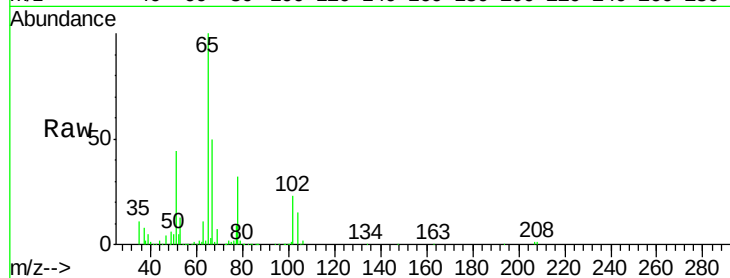
Acq: 22 Feb 2019 18:19

Tot Ion: 78 Resp: 27731

Ion Ratio Lower Upper

78 100

77 27.1 19.3 28.9



#50

Toluene-d8

Concen: 50.263 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008796.D

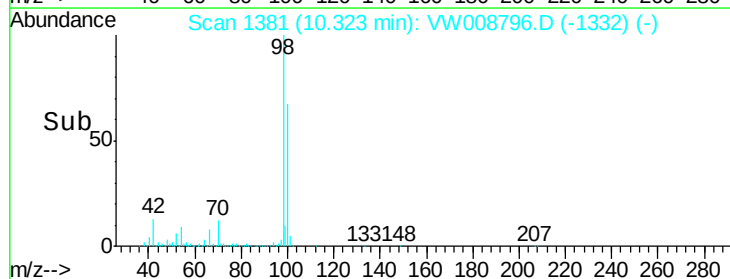
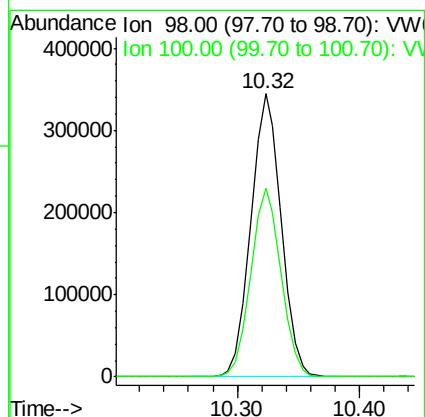
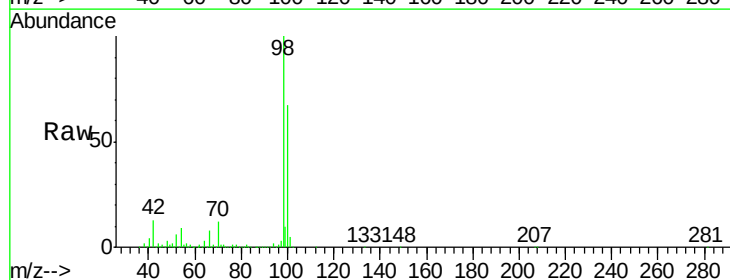
Acq: 22 Feb 2019 18:19

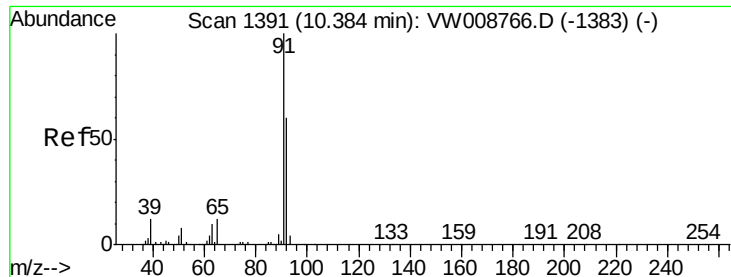
Tgt Ion: 98 Resp: 593885

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6





#52

Toluene

Concen: 1.890 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008796.D

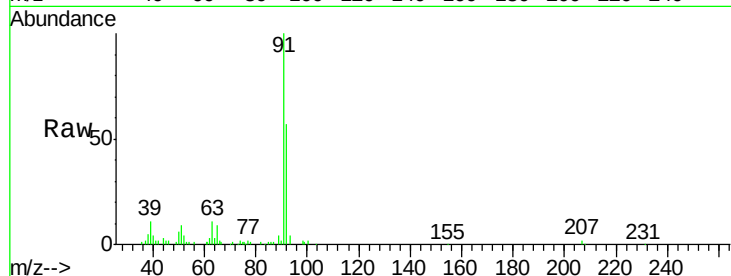
Acq: 22 Feb 2019 18:19

Tot Ion: 92 Resp: 17383

Ion Ratio Lower Upper

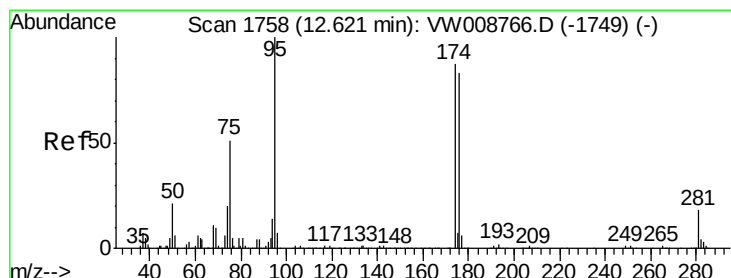
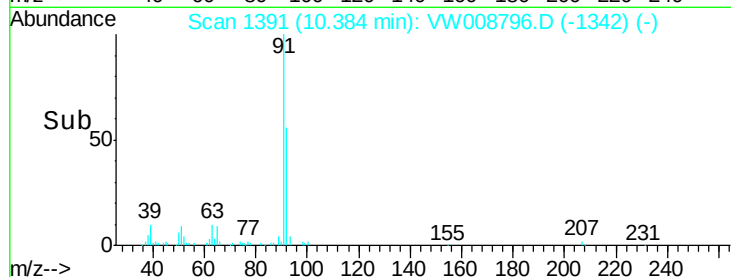
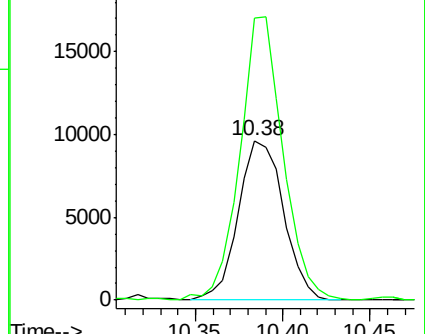
92 100

91 168.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 32.388 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008796.D

Acq: 22 Feb 2019 18:19

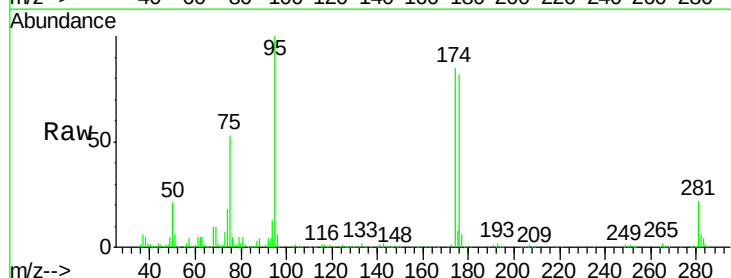
Tgt Ion: 95 Resp: 149836

Ion Ratio Lower Upper

95 100

174 84.9 0.0 169.2

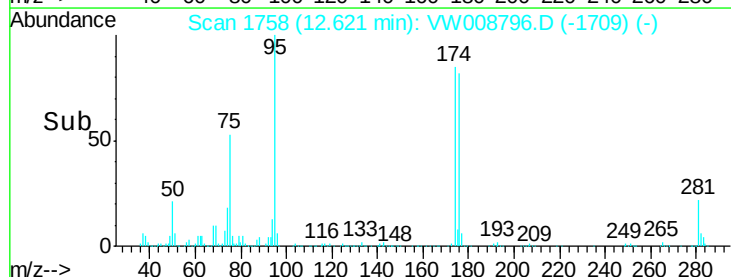
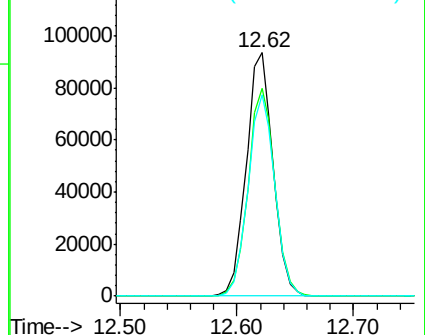
176 82.4 0.0 163.6

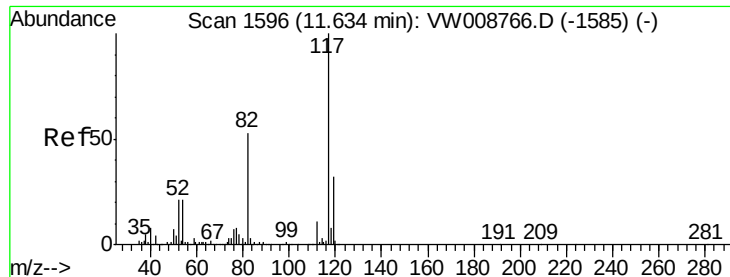


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

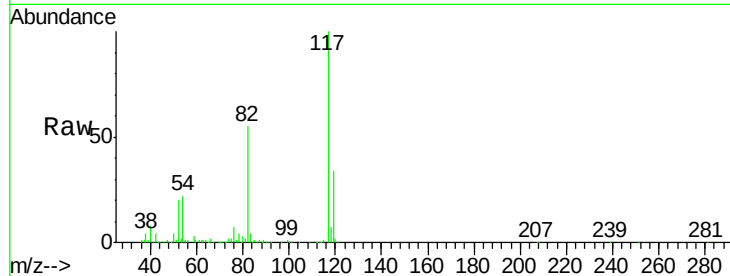
Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008796.D
Acq: 22 Feb 2019 18:19

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	33.9	25.9	38.9

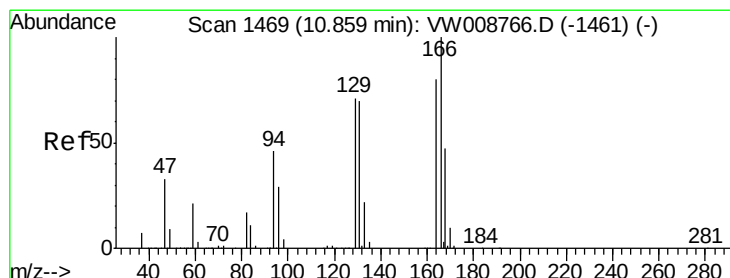
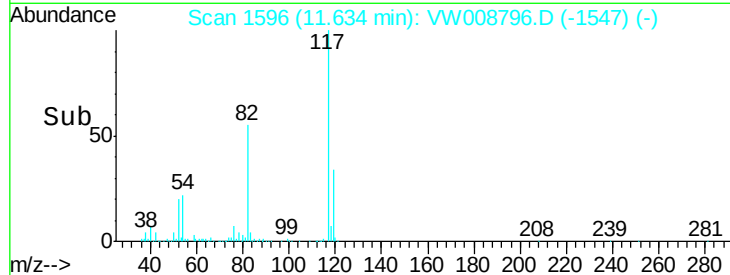
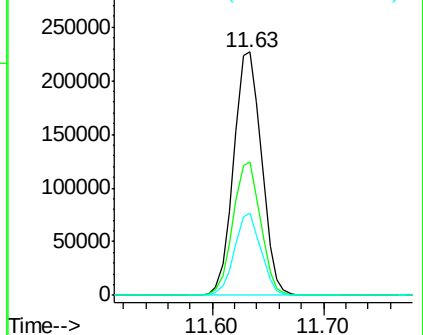


Abundance

Ion 116.90 (116.60 to 117.60): V

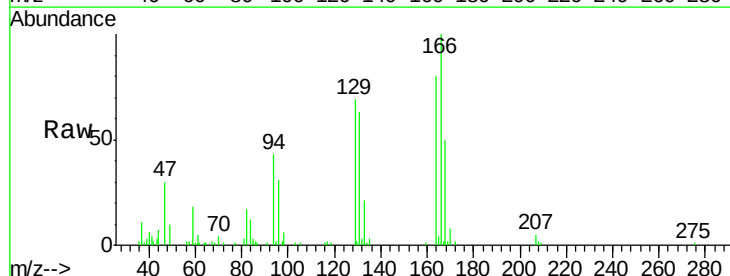
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 3.300 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008796.D
Acq: 22 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.5	149.3
129	86.5	71.1	106.7
131	78.7	69.8	104.8



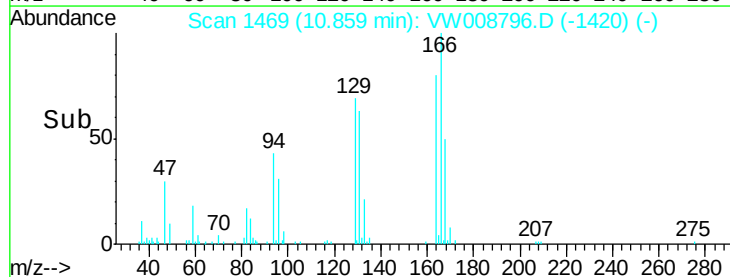
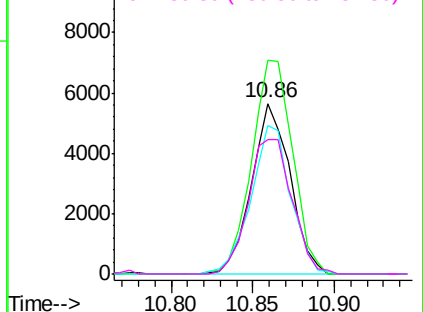
Abundance

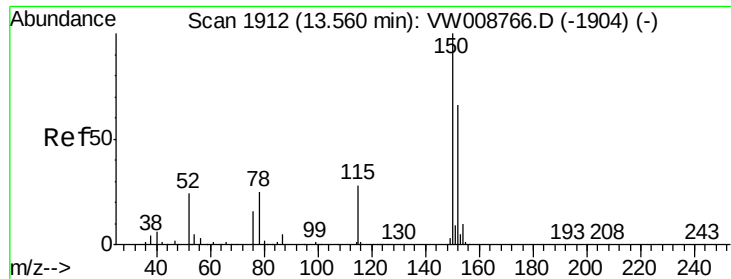
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

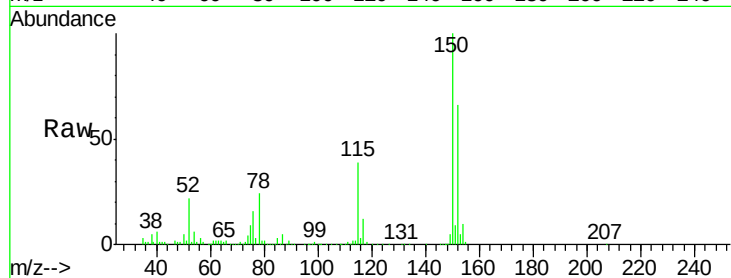




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008796.D
 Acq: 22 Feb 2019 18:19

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.6	85.8
150	157.2	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

