

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009088.D
 Acq On : 11 Mar 2019 15:58
 Operator : SY/VA
 Sample : K1837-07
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MR-MH-08-COMP

Quant Time: Mar 12 08:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

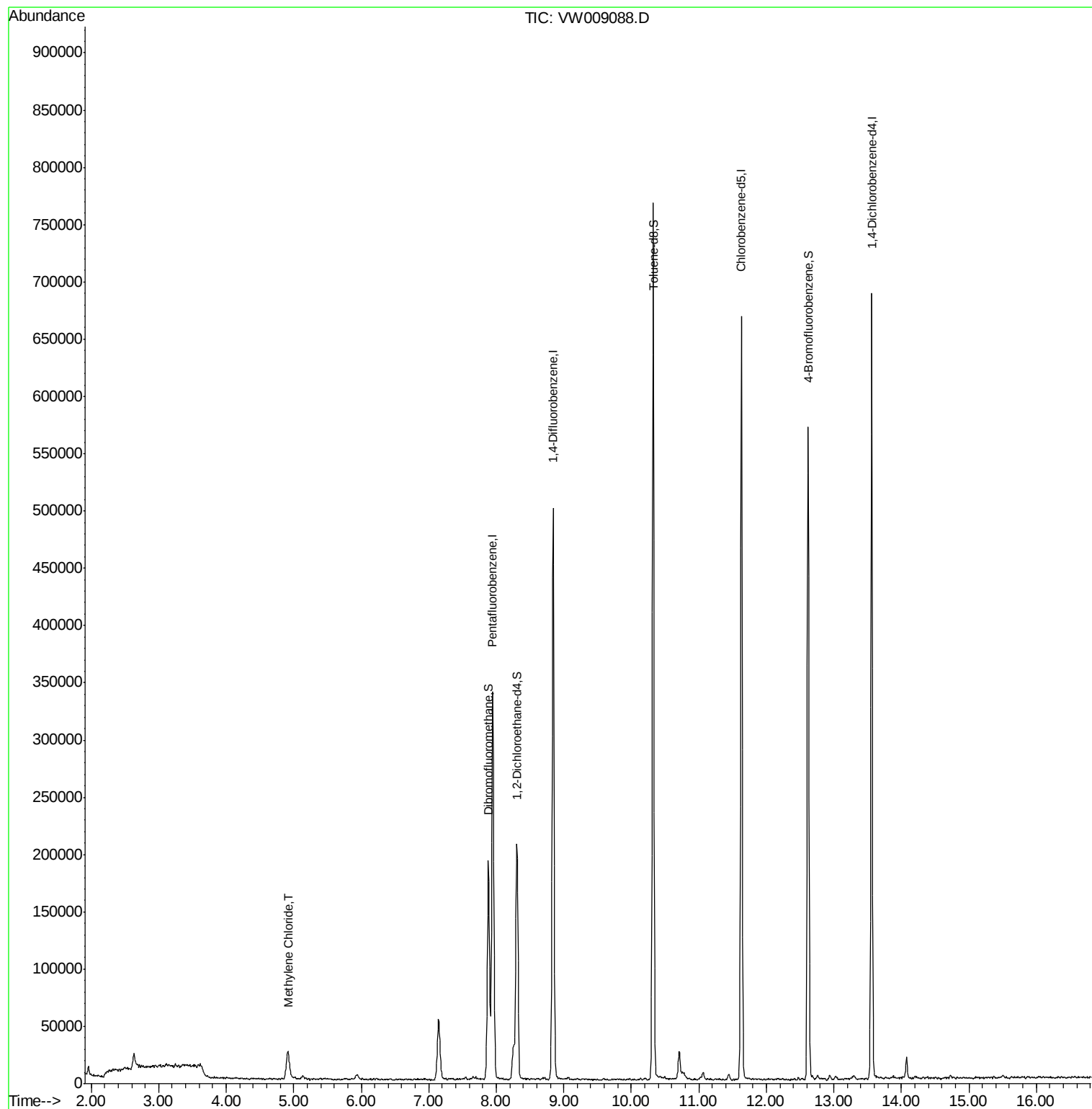
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162457	64.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.70%	
35) Dibromofluoromethane	7.88	113	127239	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
50) Toluene-d8	10.32	98	481764	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.62	95	162518	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.54%	
Target Compounds						
20) Methylene Chloride	4.92	84	18180	1.522	ug/l	Qvalue 95

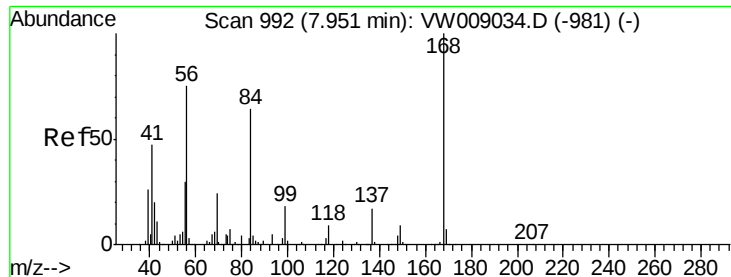
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009088.D

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Instrument :

MSVOA_W

ClientSampleId :

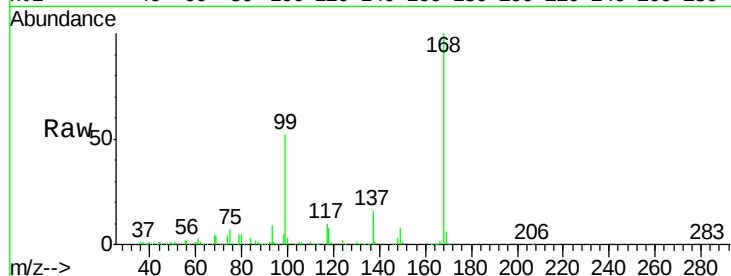
MR-MH-08-COMP

Tot Ion:168 Resp: 250942

Ion Ratio Lower Upper

168 100

99 52.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

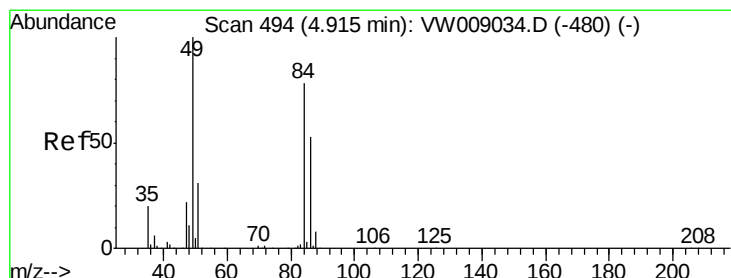
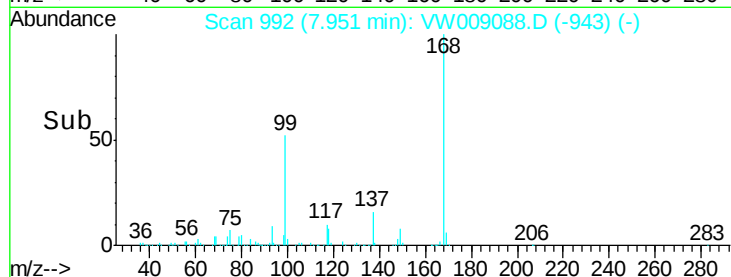
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.522 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009088.D

Acq: 11 Mar 2019 15:58

Tgt Ion: 84 Resp: 18180

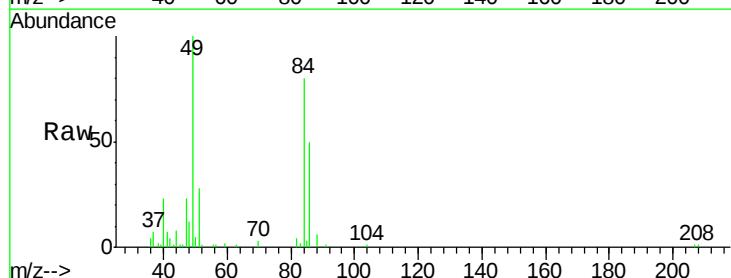
Ion Ratio Lower Upper

84 100

49 124.3 102.4 153.6

51 34.8 31.6 47.4

86 62.3 54.5 81.7



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

4.92

10000

8000

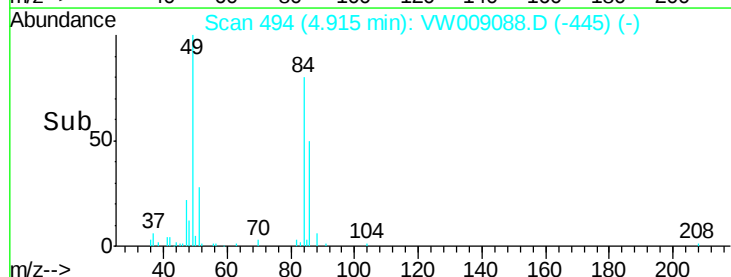
6000

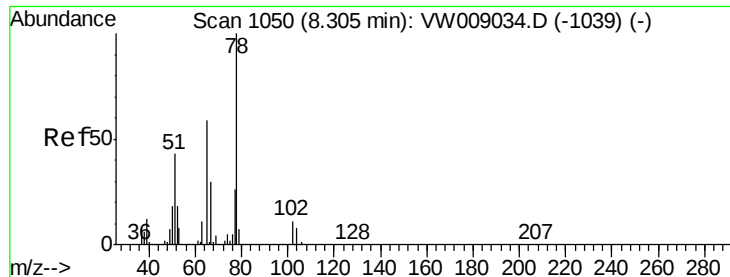
4000

2000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 64.347 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009088.D

Acq: 11 Mar 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

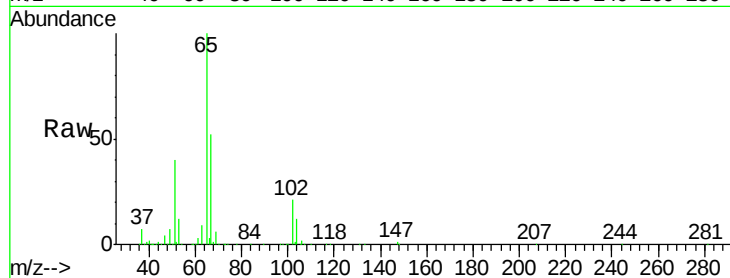
MR-MH-08-COMP

Tot Ion: 65 Resp: 162457

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

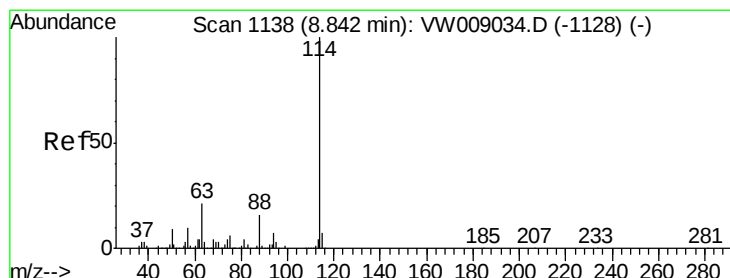
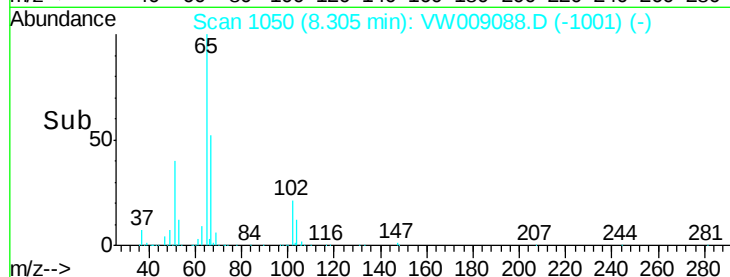
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009088.D

Acq: 11 Mar 2019 15:58

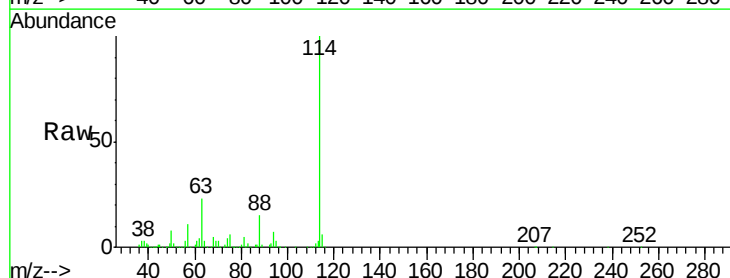
Tgt Ion:114 Resp: 394972

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.2

88 14.9 0.0 31.2



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

250000

200000

150000

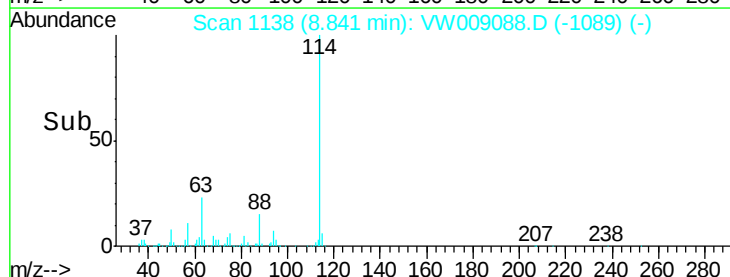
100000

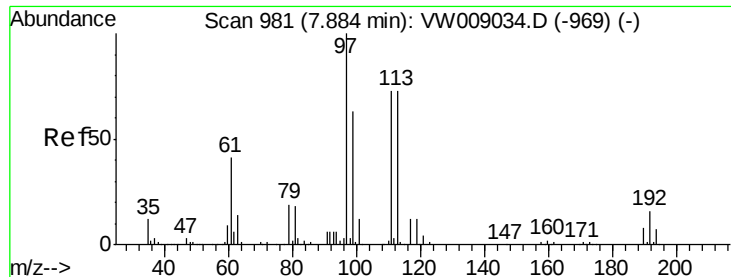
50000

0

8.80 8.90

Time-->

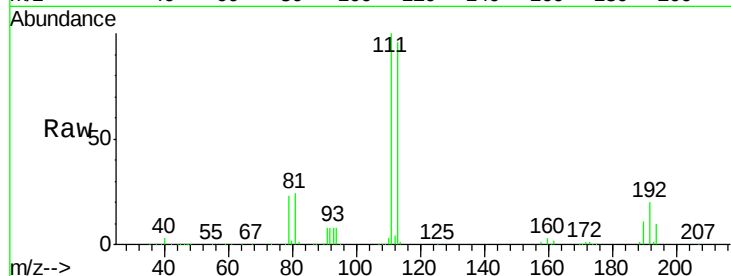




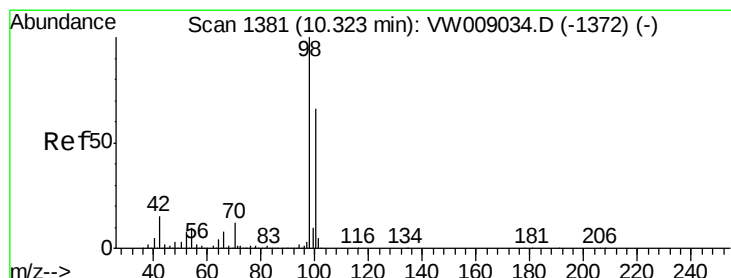
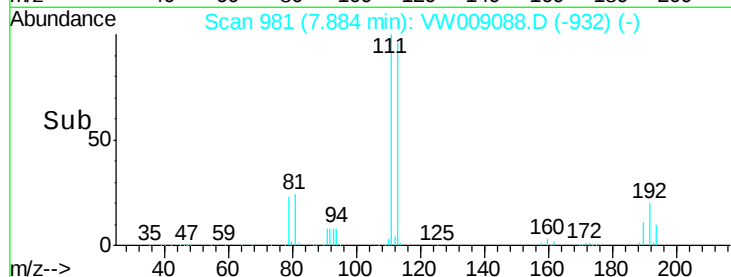
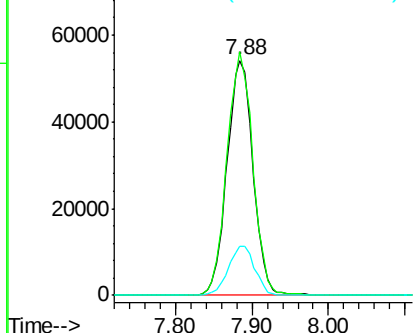
#35
Dibromofluoromethane
Concen: 53.505 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW009088.D
Acq: 11 Mar 2019 15:58

Instrument :
MSVOA_W
ClientSampleId :
MR-MH-08-COMP

Tot Ion:113 Resp: 127239
Ion Ratio Lower Upper
113 100
111 103.1 81.0 121.4
192 21.3 17.1 25.7

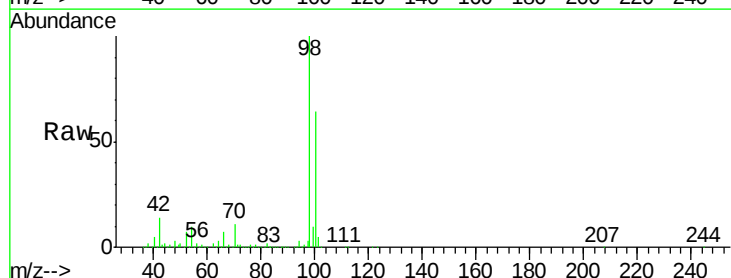


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

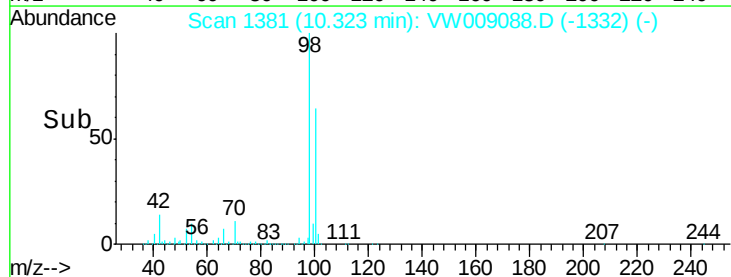
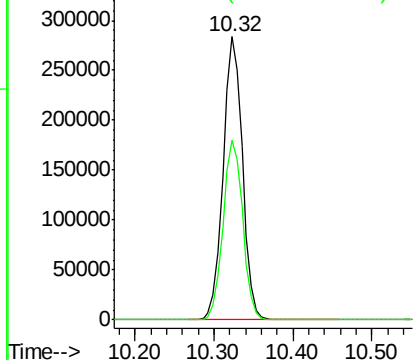


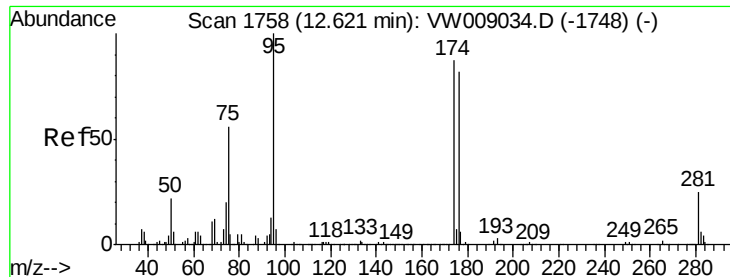
#50
Toluene-d8
Concen: 49.325 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009088.D
Acq: 11 Mar 2019 15:58

Tgt Ion: 98 Resp: 481764
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.268 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009088.D

Acq: 11 Mar 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-08-COMP

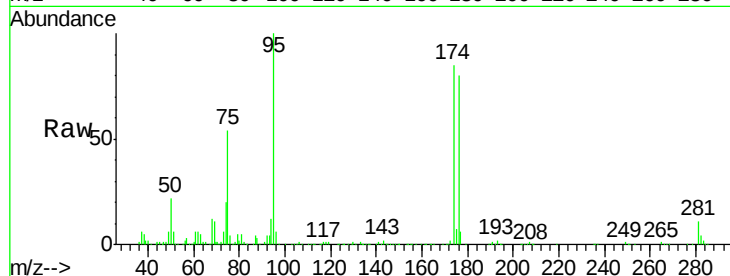
Tot Ion: 95 Resp: 162518

Ion Ratio Lower Upper

95 100

174 85.2 0.0 167.0

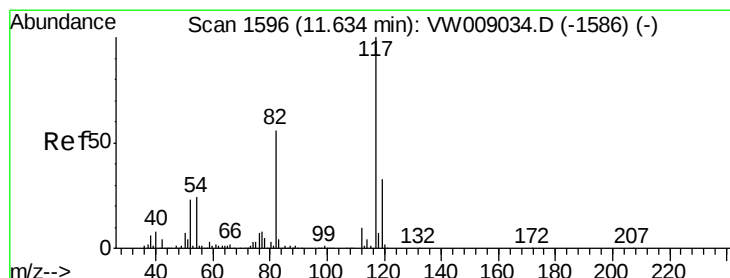
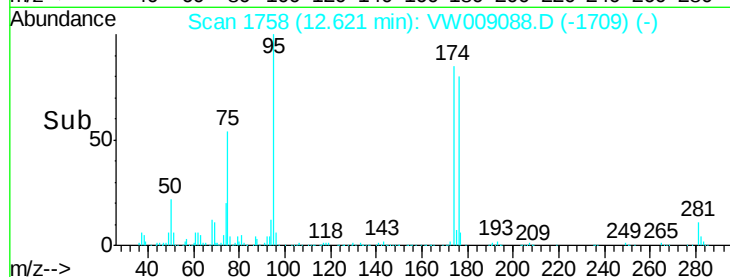
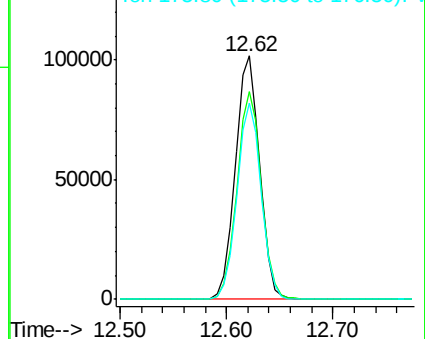
176 80.2 0.0 159.4



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: VW009088.D

Acq: 11 Mar 2019 15:58

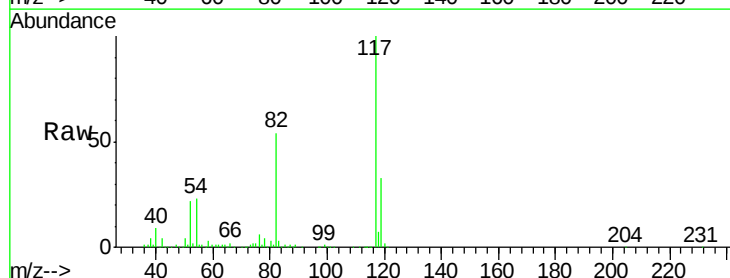
Tgt Ion: 117 Resp: 361092

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.6

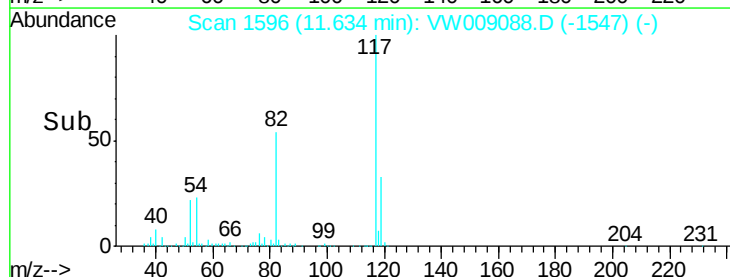
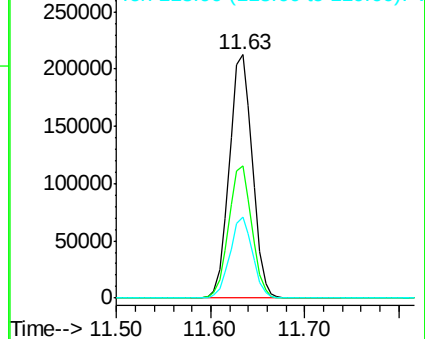
119 33.4 26.6 39.8

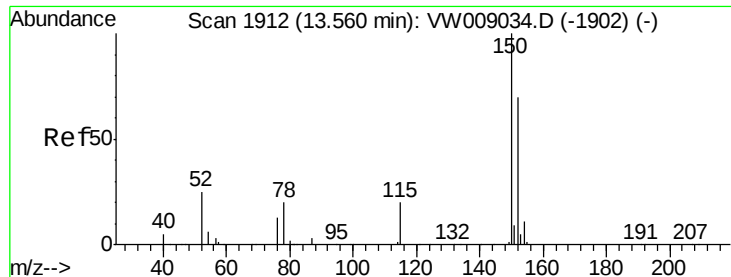


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009088.D

Acq: 11 Mar 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-08-COMP

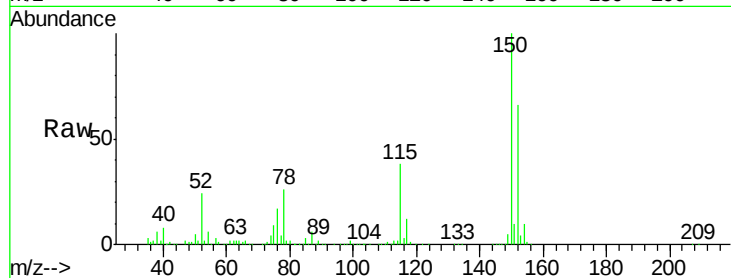
Tot Ion:152 Resp: 169104

Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 153.6 0.0 349.2



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

