

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011987.D
 Acq On : 19 Aug 2019 13:23
 Operator : SY/VA
 Sample : K4385-07
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A2-(2)

Quant Time: Aug 19 14:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

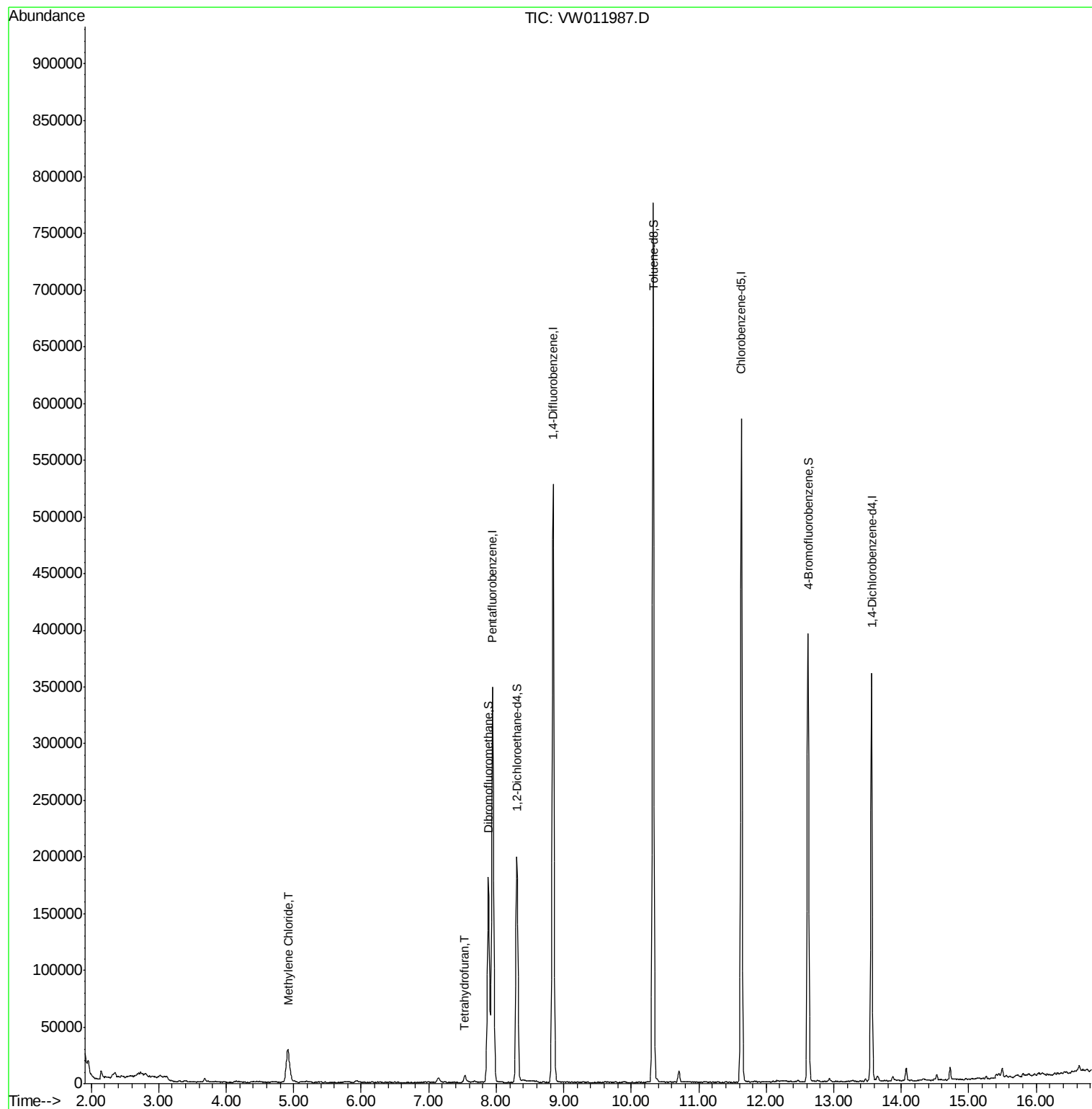
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155367	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.88	113	127810	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	10.32	98	490080	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	132526	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
20) Methylene Chloride	4.92	84	23001	7.260	ug/l	97
29) Tetrahydrofuran	7.53	42	5355	7.793	ug/l	99

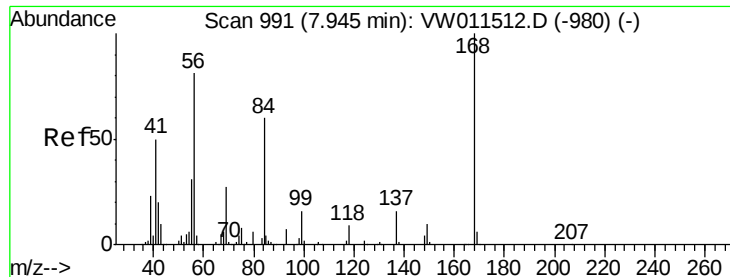
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011987.D

Acq: 19 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampled :

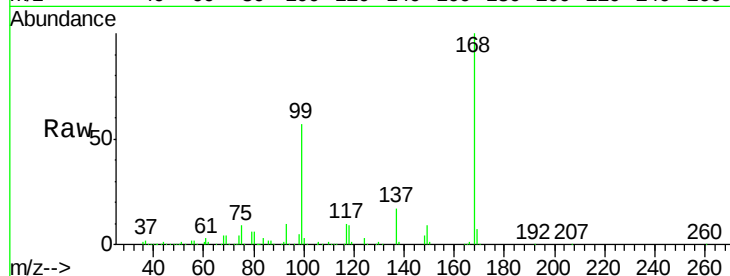
T8-A2-(2)

Tot Ion:168 Resp: 251509

Ion Ratio Lower Upper

168 100

99 57.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

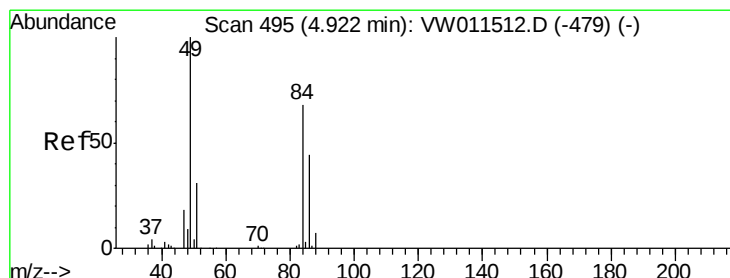
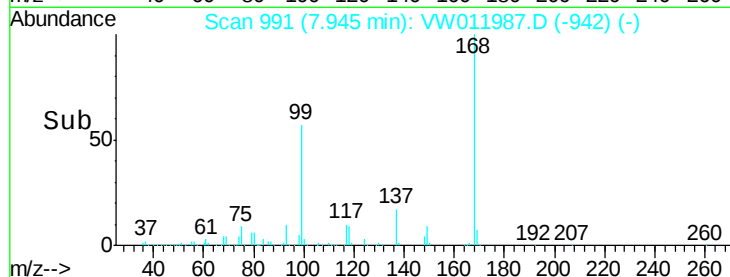
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 7.260 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011987.D

Acq: 19 Aug 2019 13:23

Tgt Ion: 84 Resp: 23001

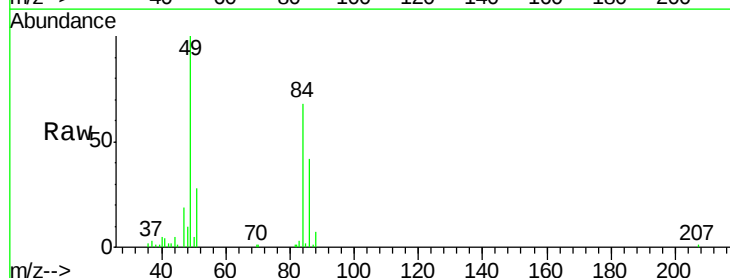
Ion Ratio Lower Upper

84 100

49 146.2 117.8 176.6

51 40.6 37.0 55.4

86 61.4 51.8 77.8



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

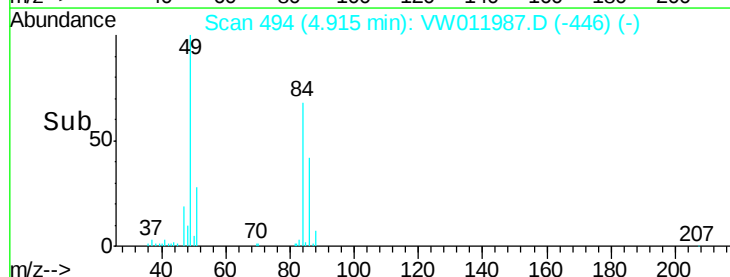
15000

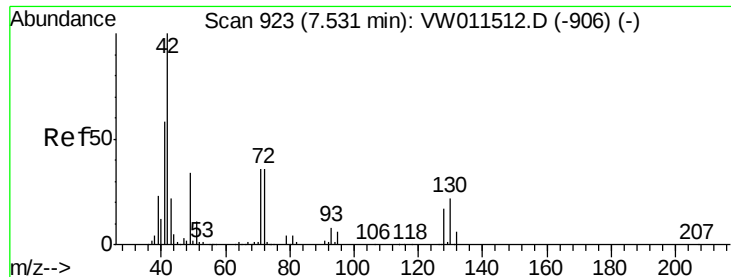
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

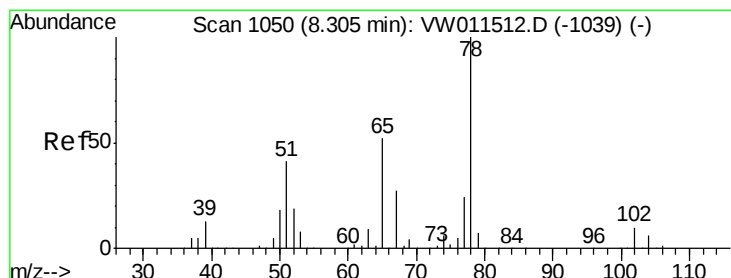
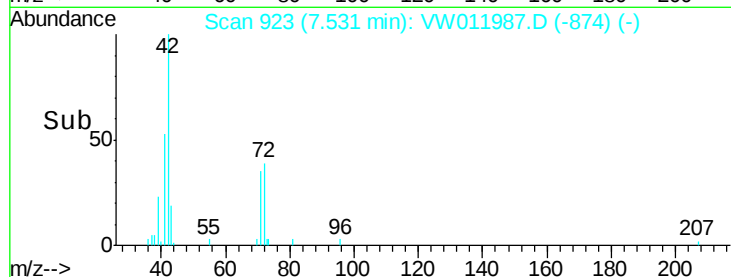
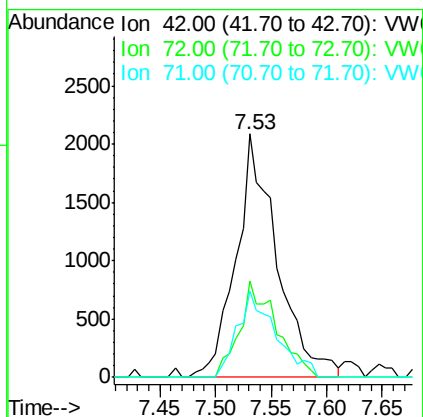
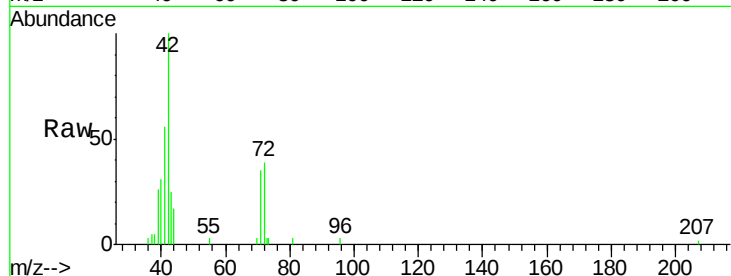




#29
Tetrahydrofuran
Concen: 7.793 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011987.D
Acq: 19 Aug 2019 13:23

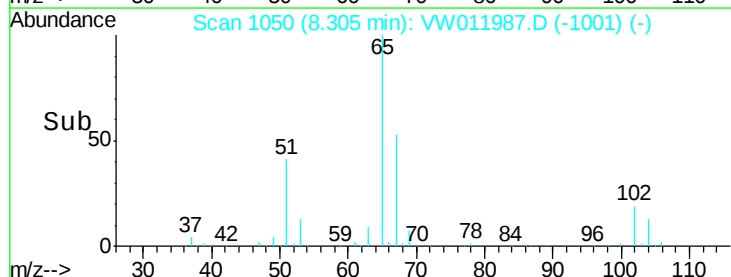
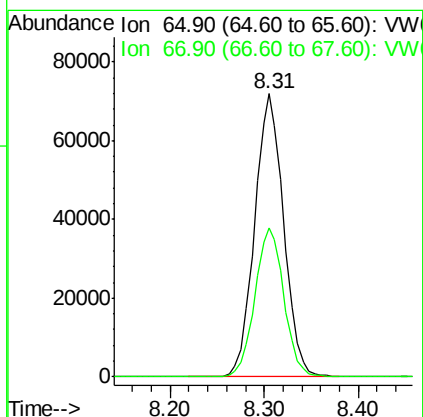
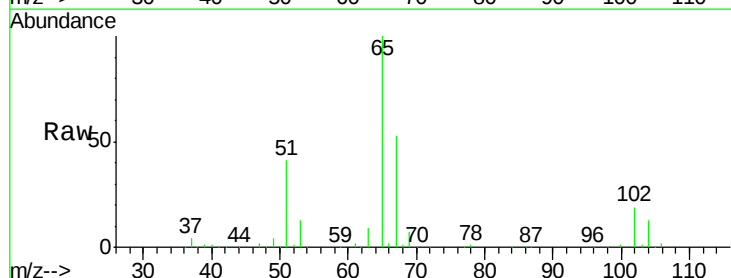
Instrument :
MSVOA_W
ClientSampled :
T8-A2-(2)

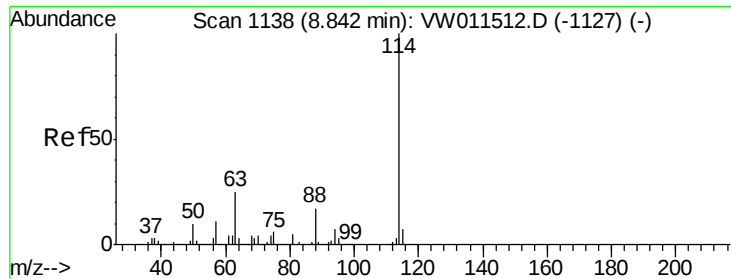
Tot Ion: 42 Resp: 5355
Ion Ratio Lower Upper
42 100
72 35.4 27.1 40.7
71 32.7 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.797 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011987.D
Acq: 19 Aug 2019 13:23

Tgt Ion: 65 Resp: 155367
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

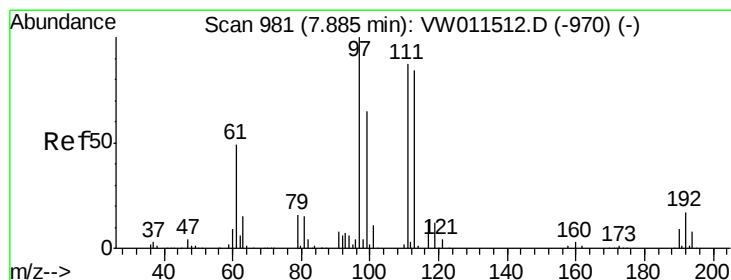
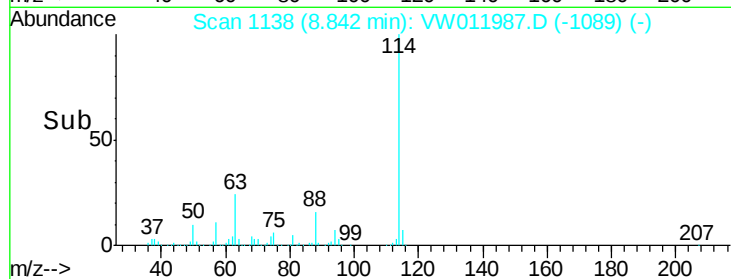
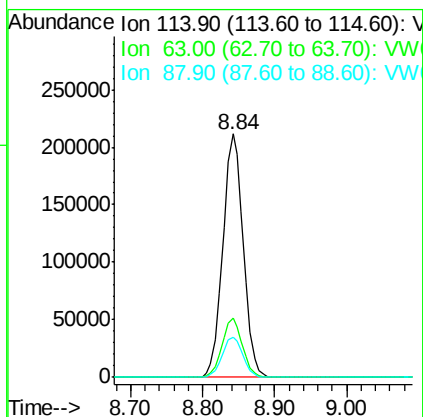
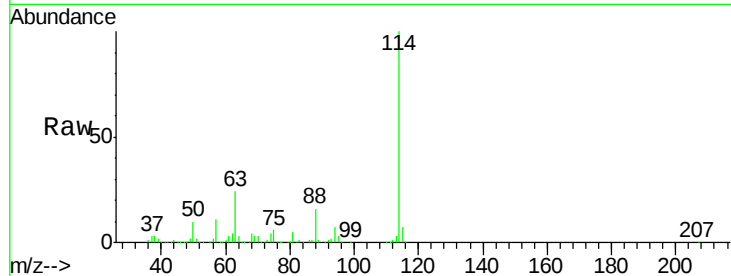




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011987.D
 Acq: 19 Aug 2019 13:23

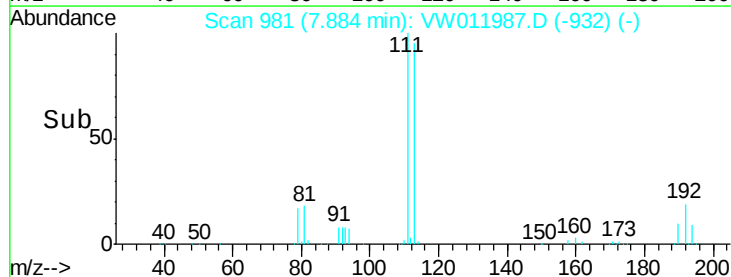
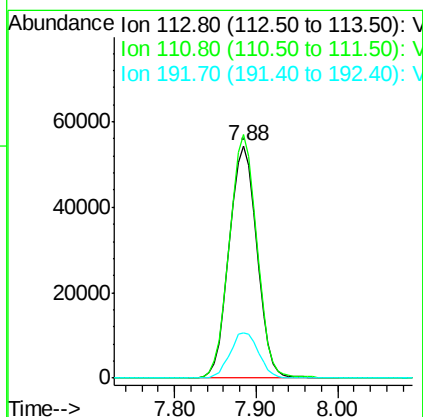
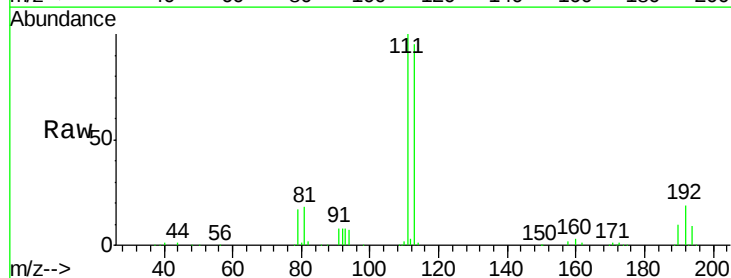
Instrument :
 MSVOA_W
 ClientSampled :
 T8-A2-(2)

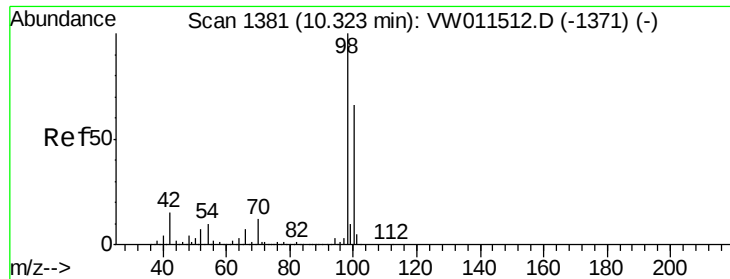
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.2	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.703 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011987.D
 Acq: 19 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.1	16.1	24.1





#50

Toluene-d8

Concen: 51.232 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011987.D

Acq: 19 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

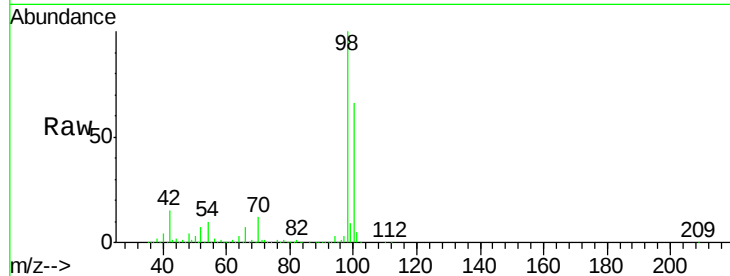
T8-A2-(2)

Tot Ion: 98 Resp: 490080

Ion Ratio Lower Upper

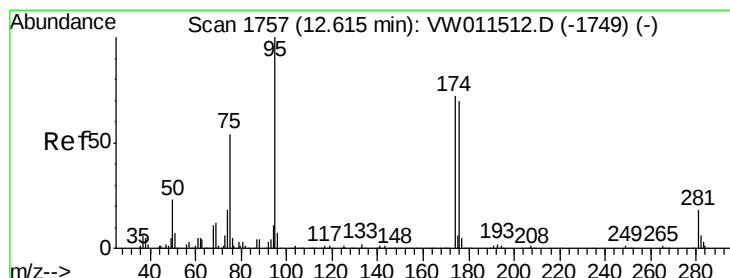
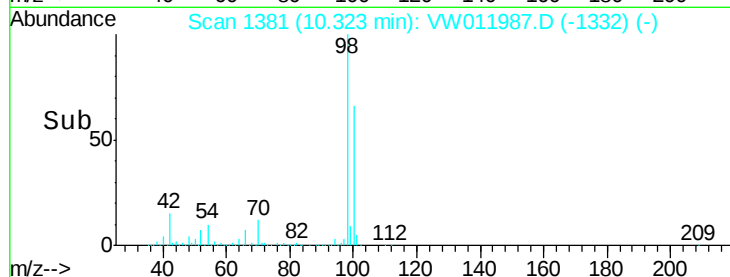
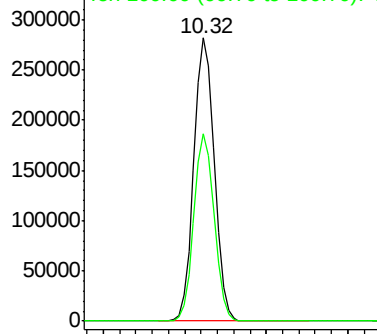
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.859 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011987.D

Acq: 19 Aug 2019 13:23

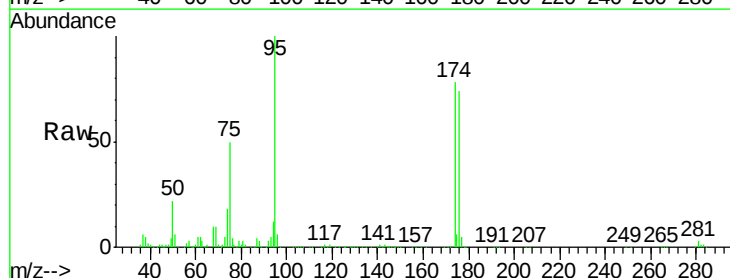
Tgt Ion: 95 Resp: 132526

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

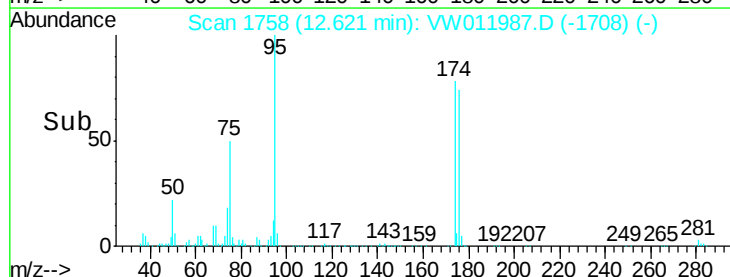
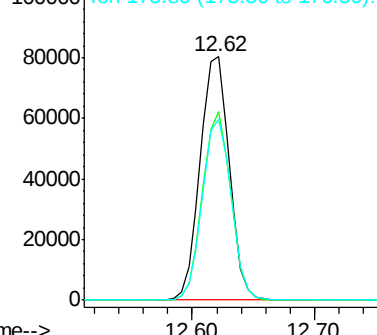
176 73.6 0.0 144.4

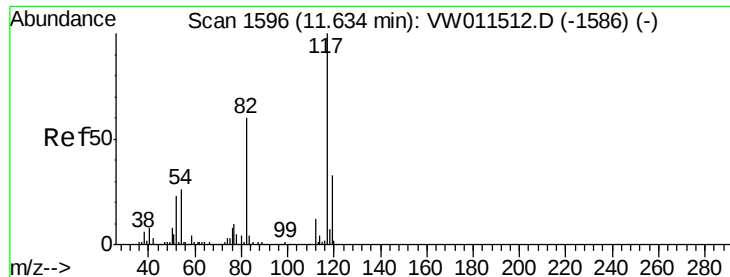


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW011987.D

Acq: 19 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

T8-A2-(2)

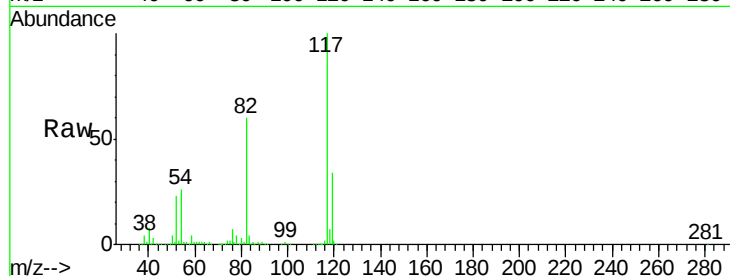
Tot Ion:117 Resp: 312757

Ion Ratio Lower Upper

117 100

82 59.6 47.9 71.9

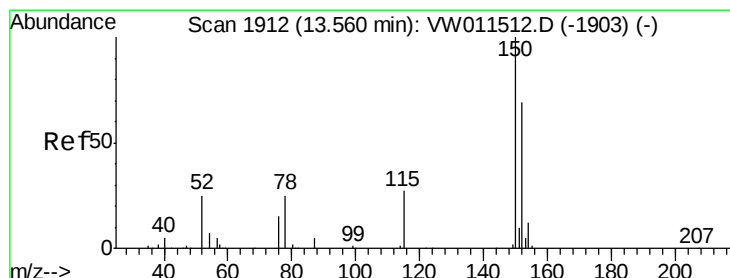
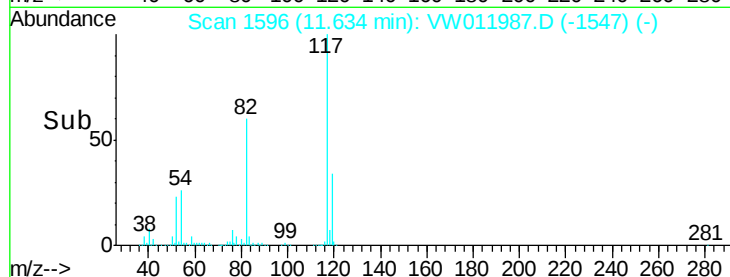
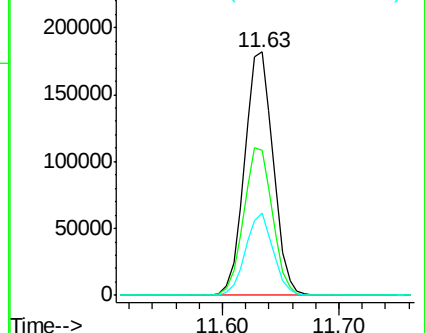
119 33.9 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW011987.D

Acq: 19 Aug 2019 13:23

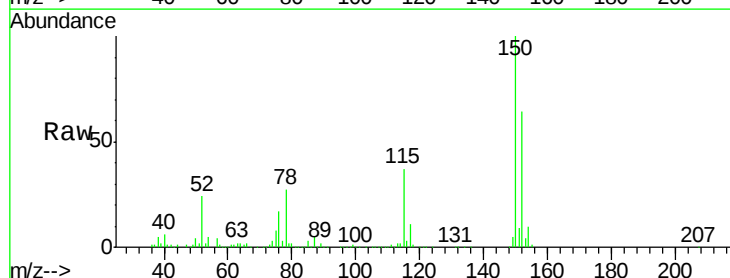
Tgt Ion:152 Resp: 89960

Ion Ratio Lower Upper

152 100

115 59.9 30.5 91.5

150 158.4 0.0 352.6



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

