

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012031.D
 Acq On : 20 Aug 2019 15:01
 Operator : SY/VA
 Sample : K4388-15
 Misc : 7.95G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-E-(2)

Quant Time: Aug 20 18:03:09 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

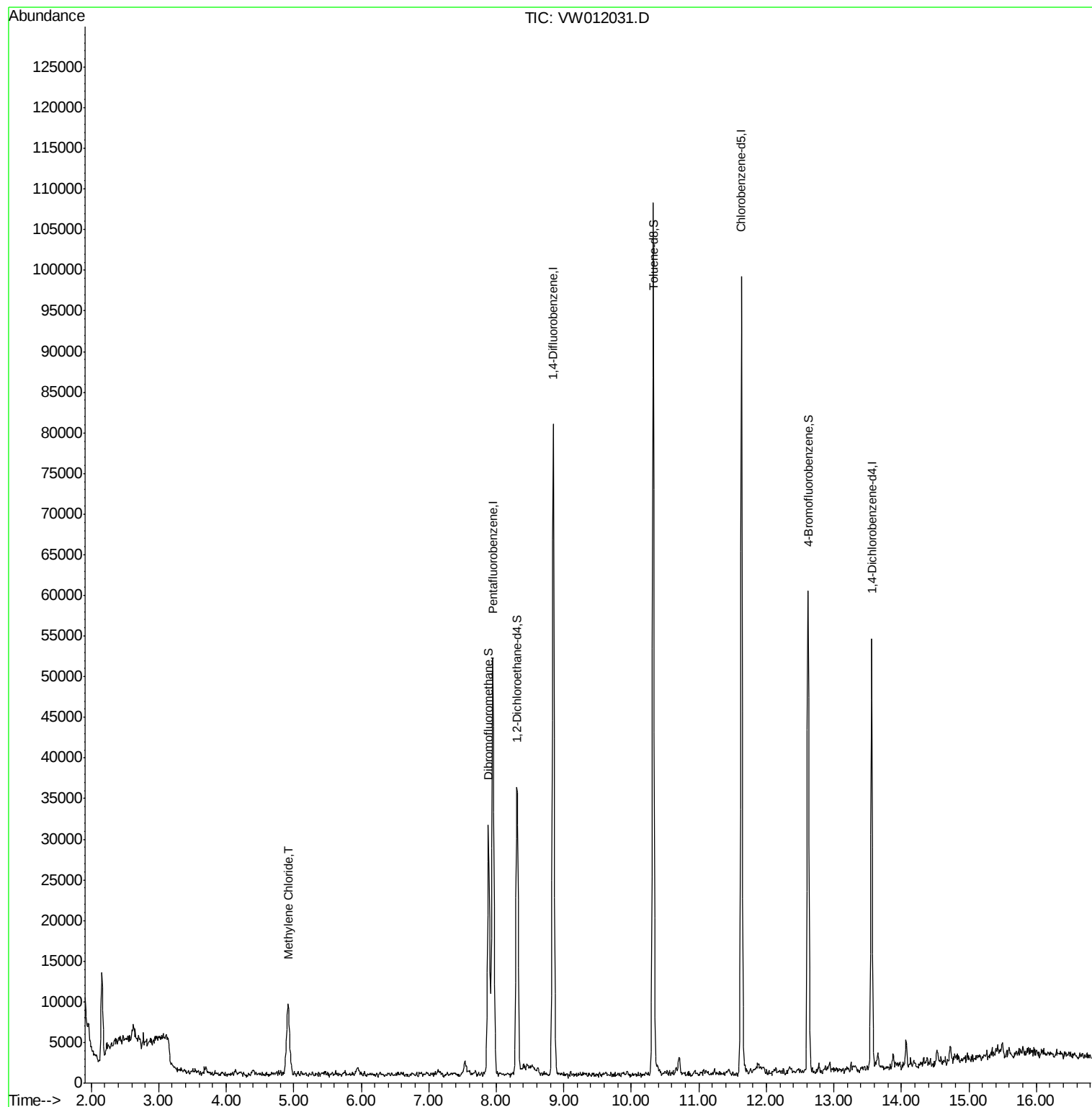
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	36668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	64510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	50991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28928	68.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.40%	
35) Dibromofluoromethane	7.89	113	22015	60.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.66%	
50) Toluene-d8	10.32	98	68885	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
62) 4-Bromofluorobenzene	12.62	95	20177	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	
Target Compounds						
20) Methylene Chloride	4.92	84	5927	12.831	ug/l	Qvalue 87

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
Data File : VW012031.D
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Misc : 7.95G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T4-E-(2)

Quant Time: Aug 20 18:03:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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# 992

Delta R.T. 0.01 min

Lab File: VW012031.D

Acq: 20 Aug 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

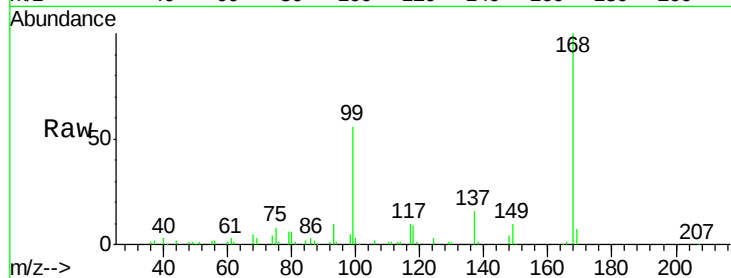
T4-E-(2)

Tot Ion:168 Resp: 36668

Ion Ratio Lower Upper

168 100

99 55.5 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

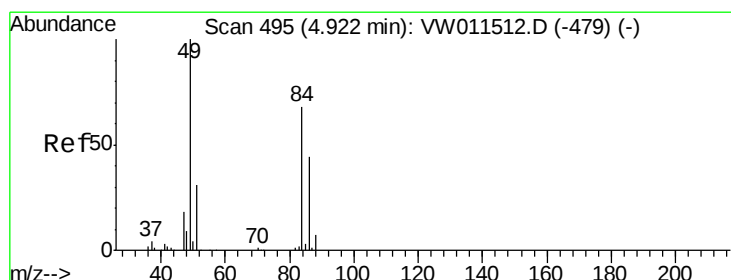
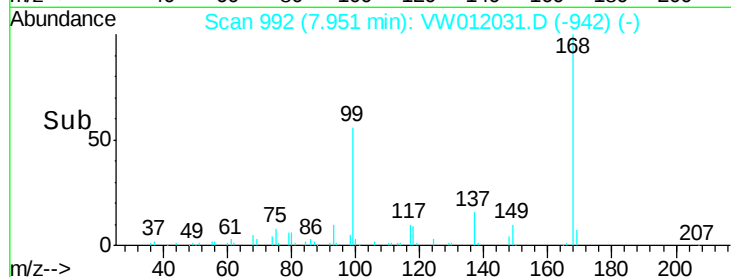
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 12.831 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012031.D

Acq: 20 Aug 2019 15:01

Tgt Ion: 84 Resp: 5927

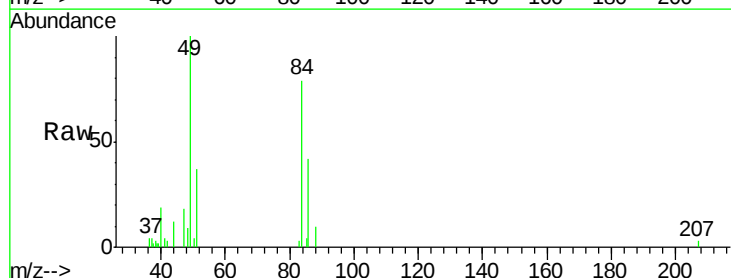
Ion Ratio Lower Upper

84 100

49 126.9 117.8 176.6

51 47.1 37.0 55.4

86 53.8 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

4.92

4000

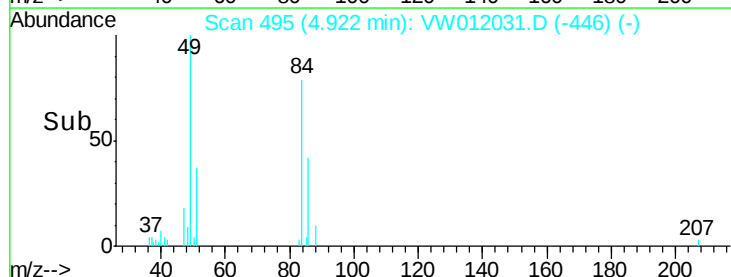
3000

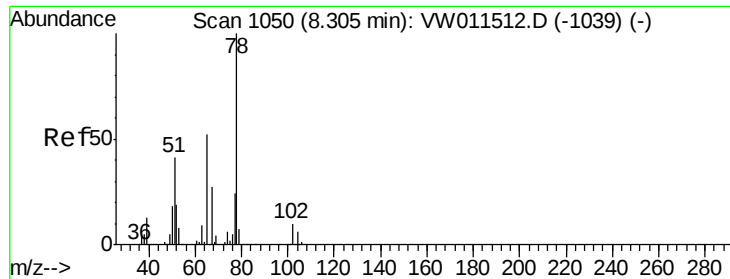
2000

1000

0

Time-->

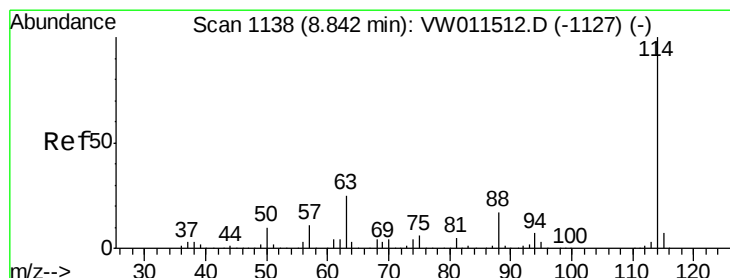
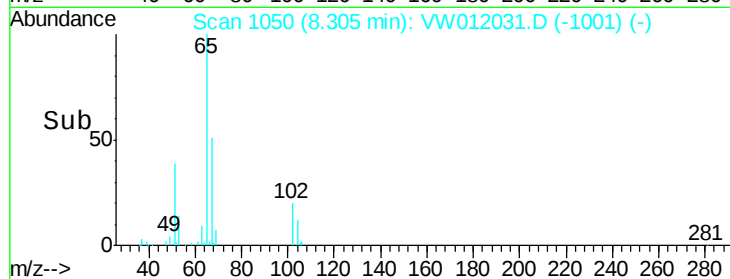
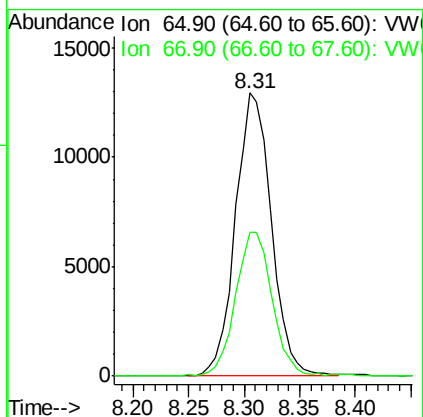
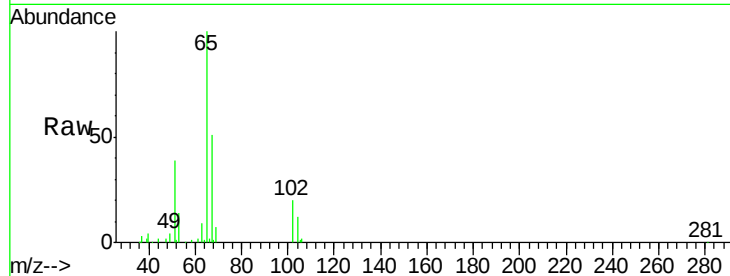




#33
 1,2-Dichloroethane-d4
 Concen: 68.704 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012031.D
 Acq: 20 Aug 2019 15:01

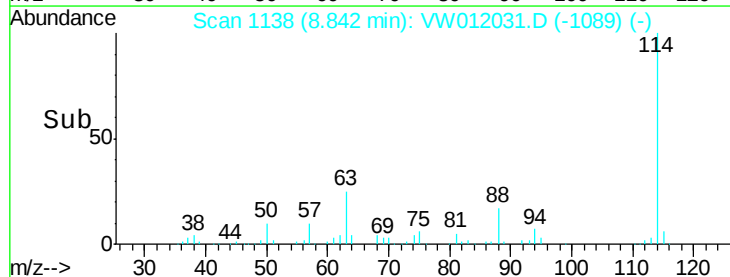
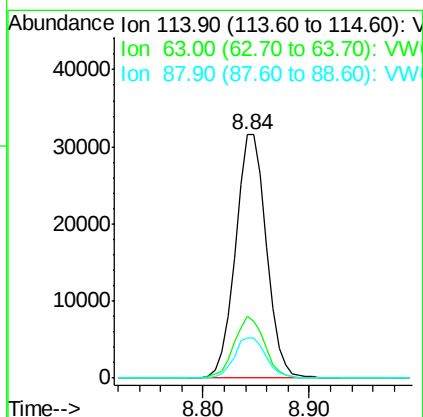
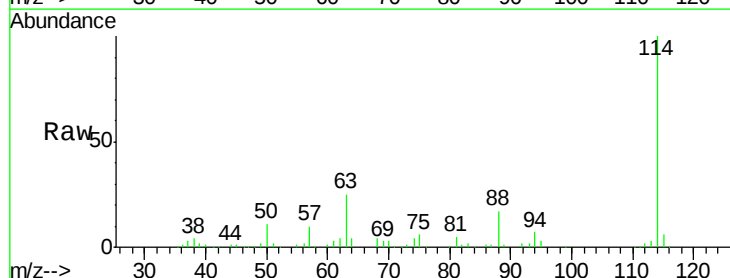
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-E-(2)

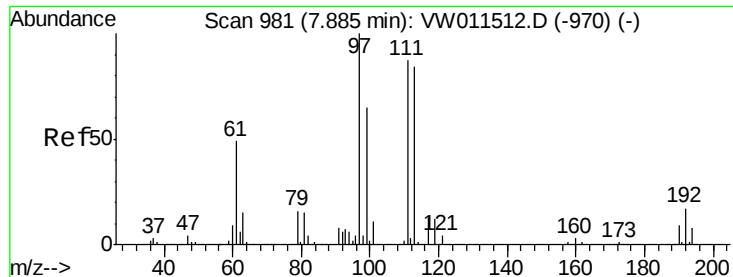
Tot Ion: 65 Resp: 28928
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012031.D
 Acq: 20 Aug 2019 15:01

Tgt Ion: 114 Resp: 64510
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.7 0.0 33.8

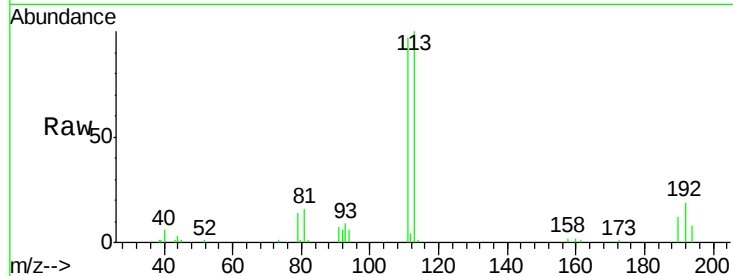




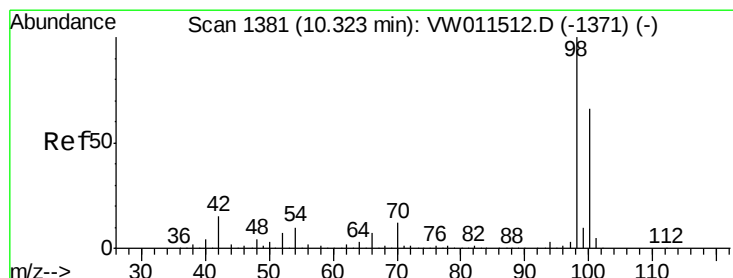
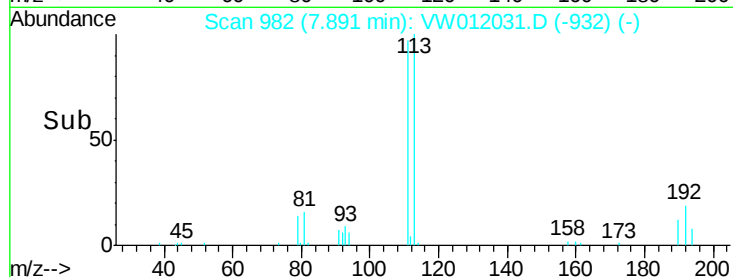
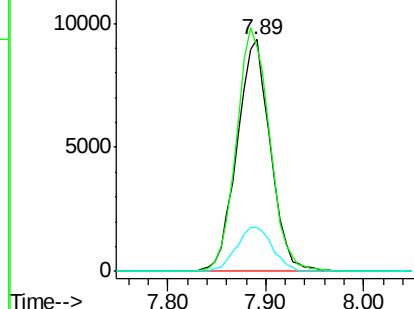
#35
Dibromofluoromethane
Concen: 60.830 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW012031.D
Acq: 20 Aug 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
T4-E-(2)

Tot Ion:113 Resp: 22015
Ion Ratio Lower Upper
113 100
111 105.1 82.7 124.1
192 20.5 16.1 24.1

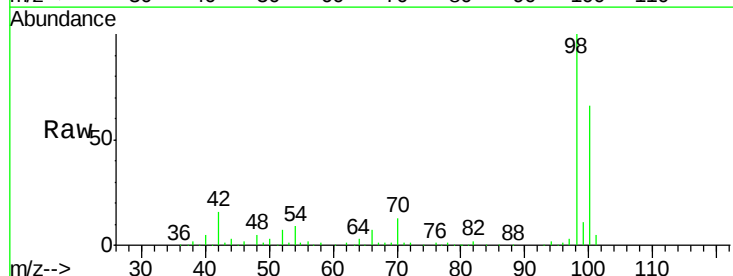


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

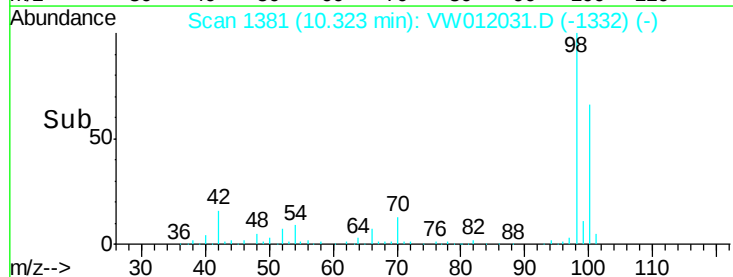
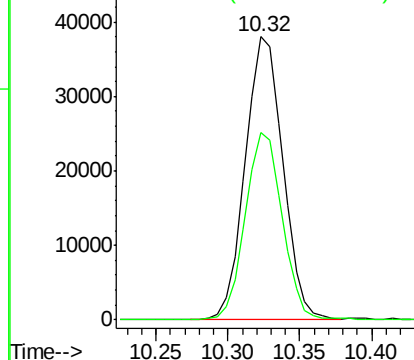


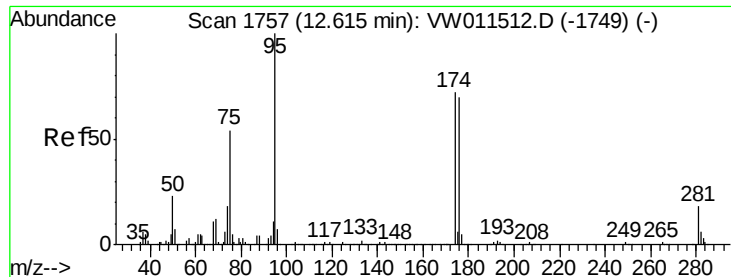
#50
Toluene-d8
Concen: 46.488 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012031.D
Acq: 20 Aug 2019 15:01

Tgt Ion: 98 Resp: 68885
Ion Ratio Lower Upper
98 100
100 65.0 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: 38.194 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012031.D

Acq: 20 Aug 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

T4-E-(2)

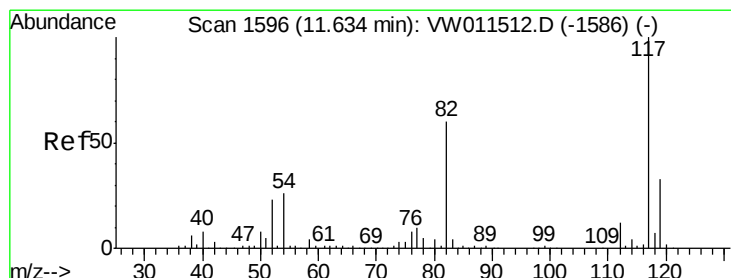
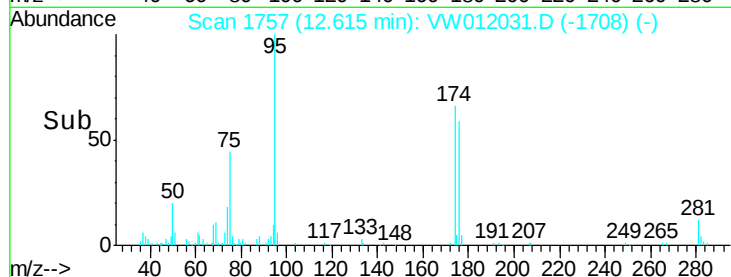
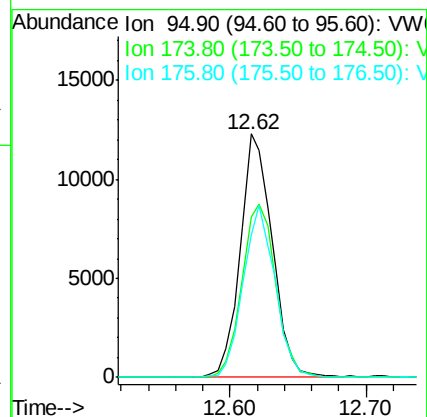
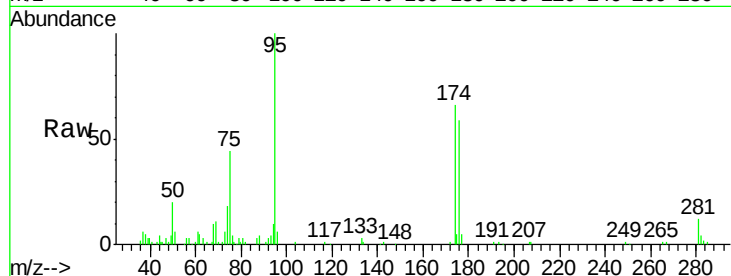
Tot Ion: 95 Resp: 20177

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 70.3 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012031.D

Acq: 20 Aug 2019 15:01

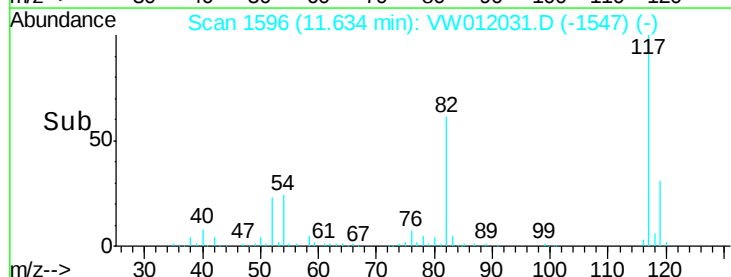
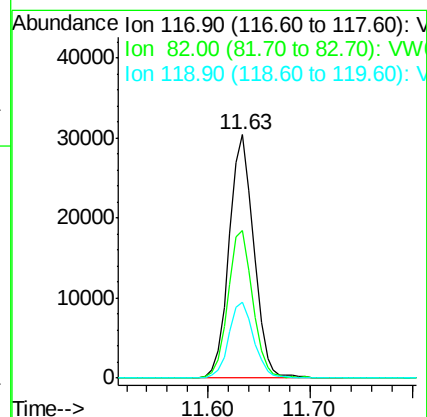
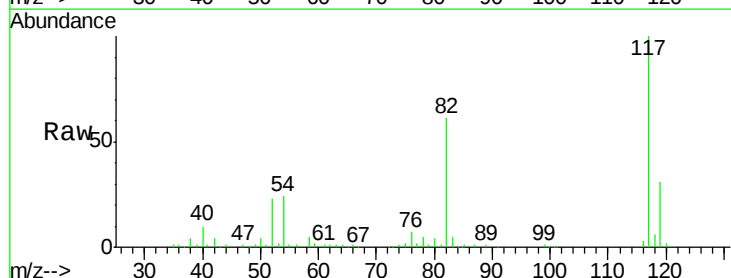
Tgt Ion: 117 Resp: 50991

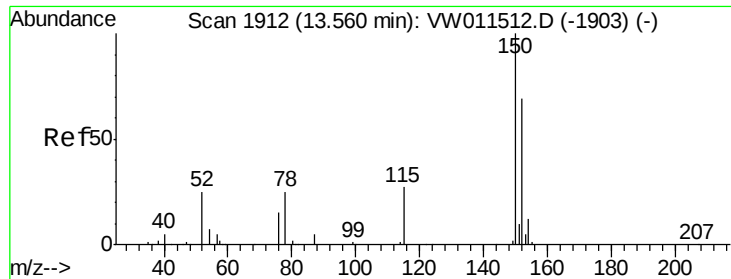
Ion Ratio Lower Upper

117 100

82 60.6 47.9 71.9

119 31.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012031.D

Acq: 20 Aug 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

T4-E-(2)

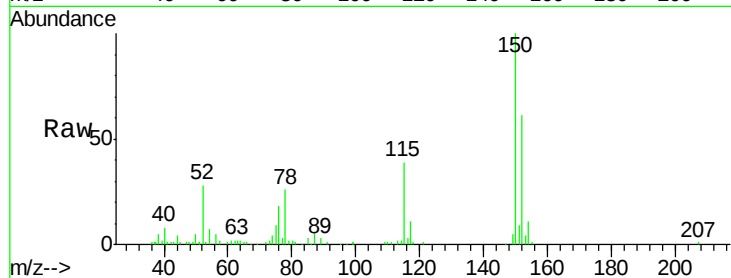
Tot Ion:152 Resp: 12980

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 156.5 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

