

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011696.D
 Acq On : 04 Aug 2019 06:26
 Operator : SY/VA
 Sample : K4156-04
 Misc : 10.79G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT1873

Quant Time: Aug 05 01:46:25 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

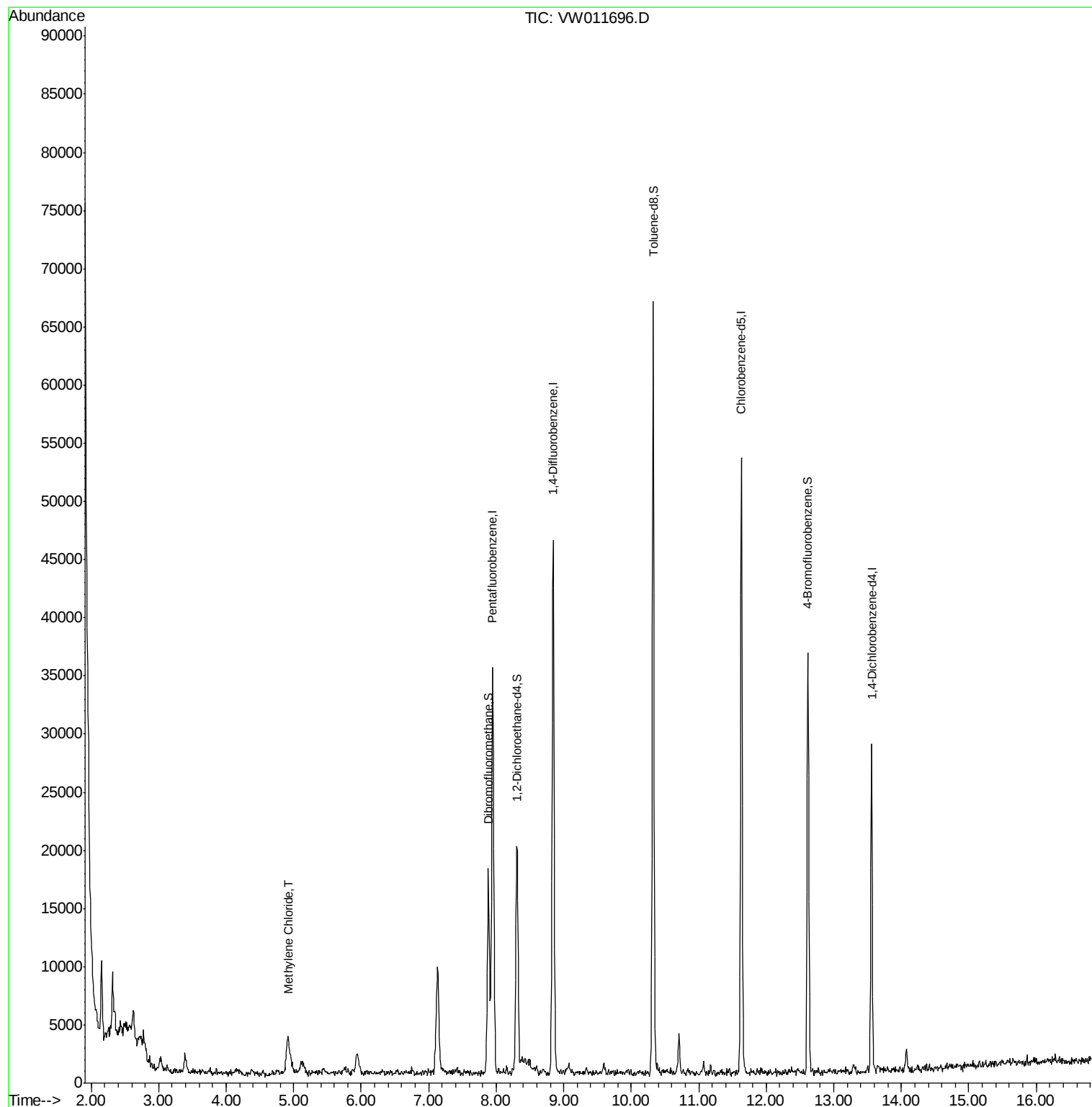
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	25014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	36095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	27996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15839	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	12395	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
50) Toluene-d8	10.32	98	42605	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	11081	37.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.98%	
Target Compounds						
20) Methylene Chloride	4.93	84	1922	6.100	ug/l #	Qvalue 81

(#) = 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. 0.01 min

Lab File: VW011696.D

Acq: 04 Aug 2019 06:26

Instrument :

MSVOA_W

ClientSampled :

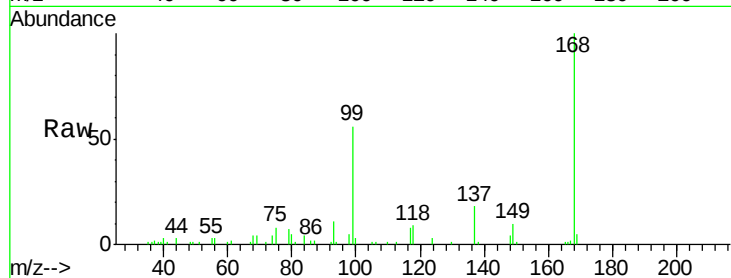
RT1873

Tot Ion:168 Resp: 25014

Ion Ratio Lower Upper

168 100

99 56.4 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

12000

10000

8000

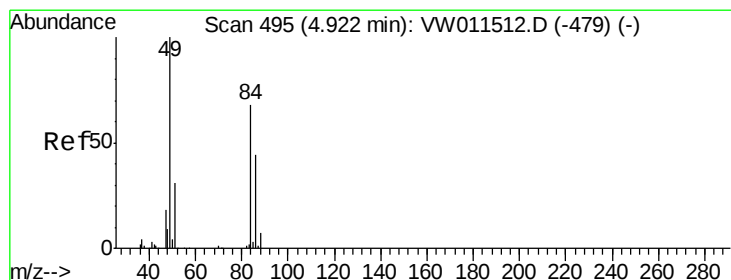
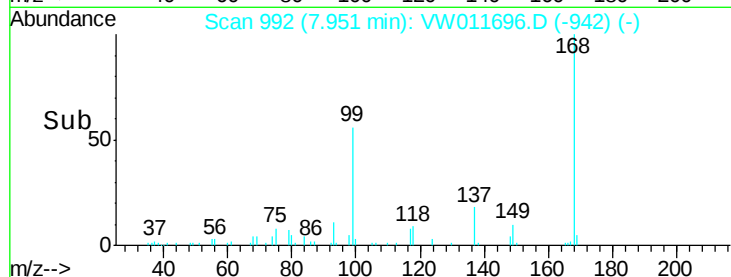
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 6.100 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011696.D

Acq: 04 Aug 2019 06:26

Tgt Ion: 84 Resp: 1922

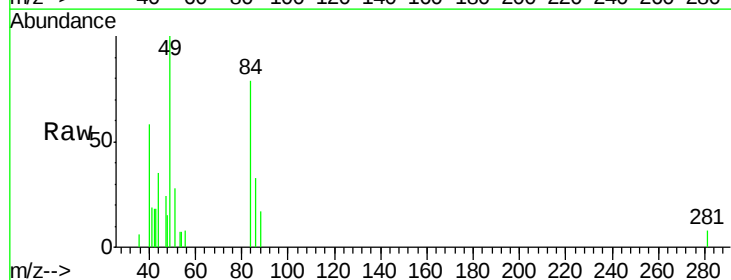
Ion Ratio Lower Upper

84 100

49 126.8 117.8 176.6

51 35.3 37.0 55.4#

86 42.1 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

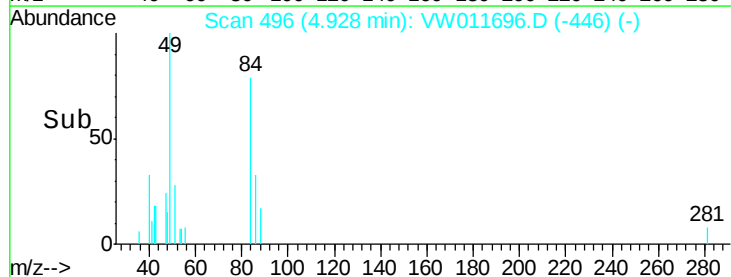
1500

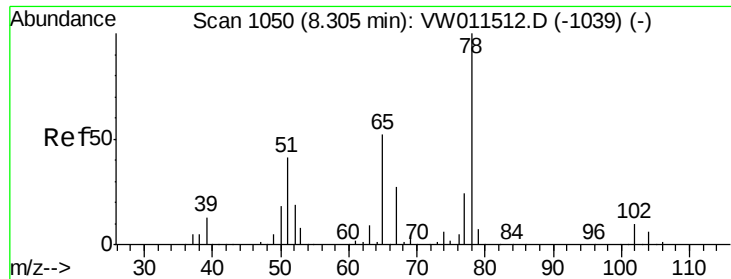
1000

500

0

Time-->

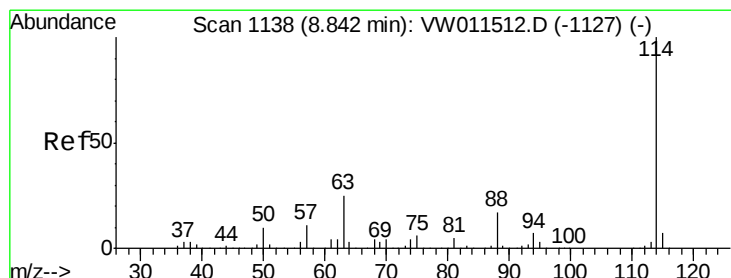
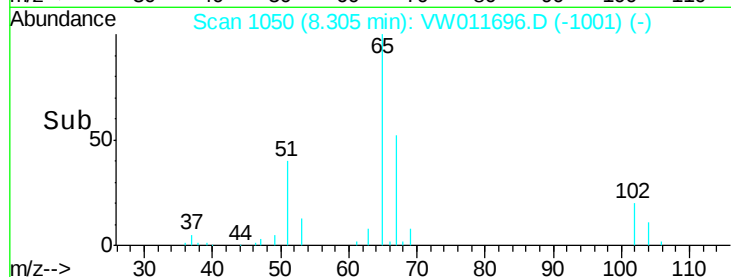
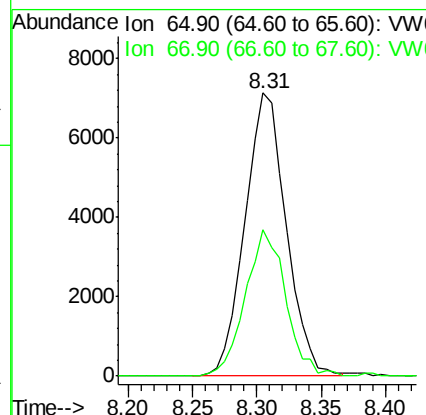
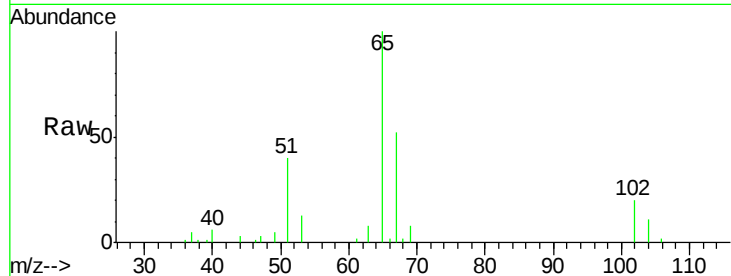




#33
 1,2-Dichloroethane-d4
 Concen: 55.144 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011696.D
 Acq: 04 Aug 2019 06:26

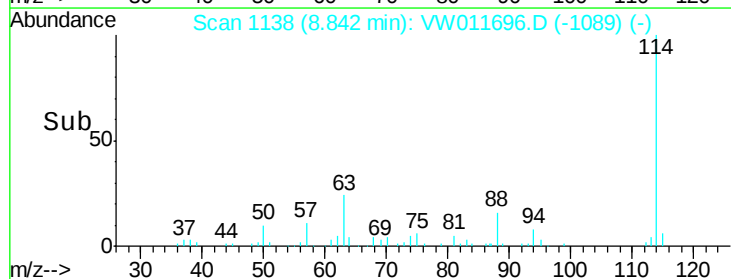
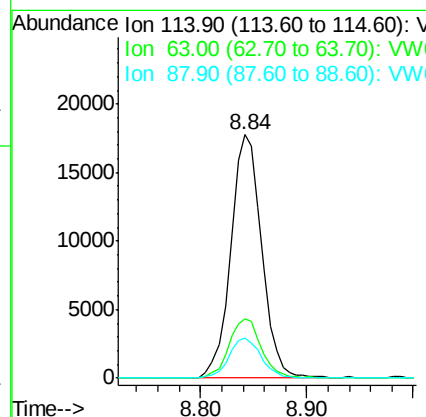
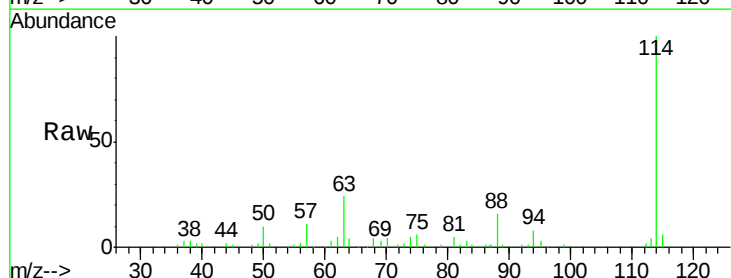
Instrument :
 MSVOA_W
 ClientSampleId :
 RT1873

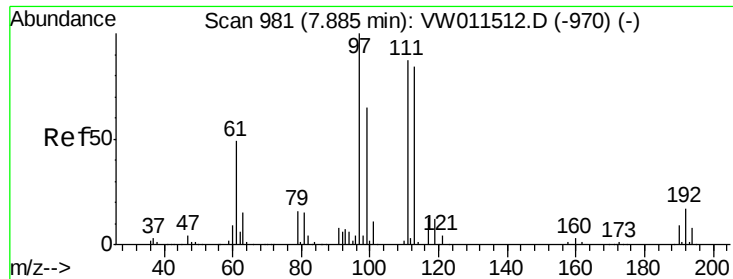
Tot Ion: 65 Resp: 15839
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011696.D
 Acq: 04 Aug 2019 06:26

Tgt Ion: 114 Resp: 36095
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.2 0.0 33.8

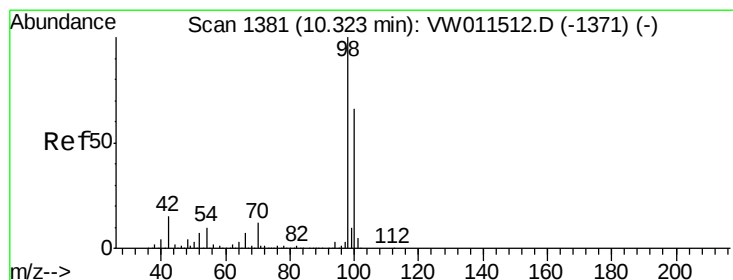
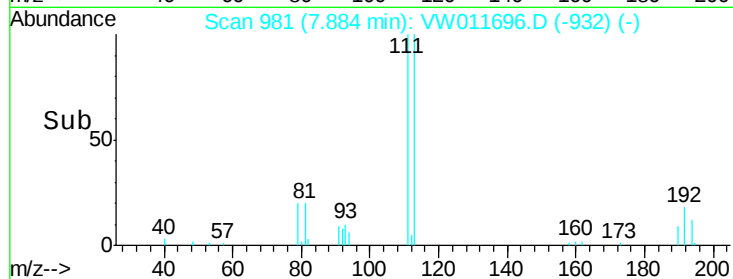
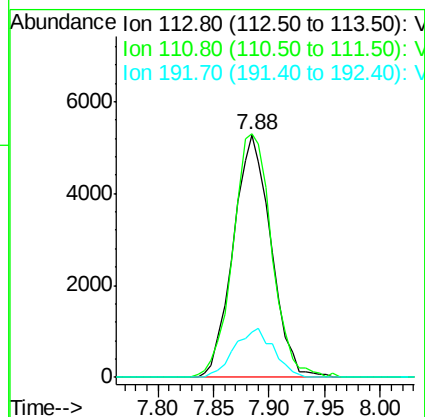
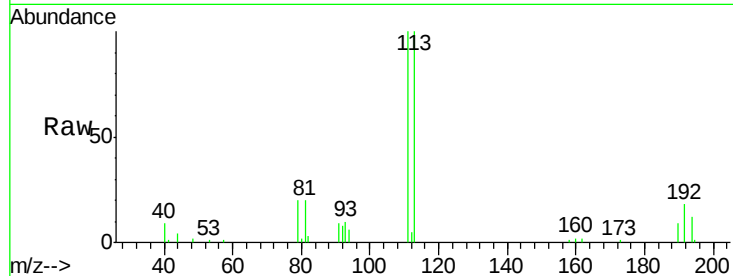




#35
Dibromofluoromethane
Concen: 61.210 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011696.D
Acq: 04 Aug 2019 06:26

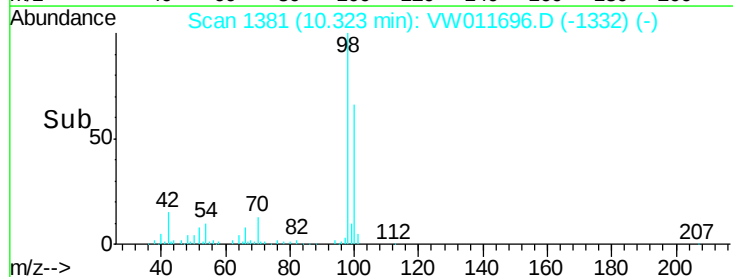
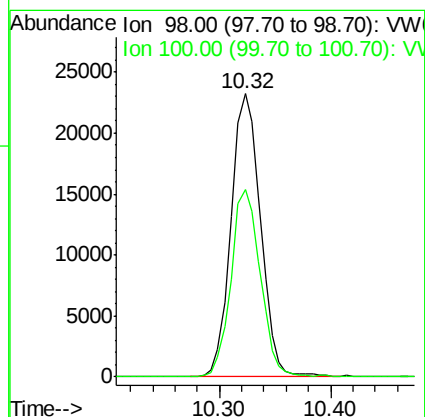
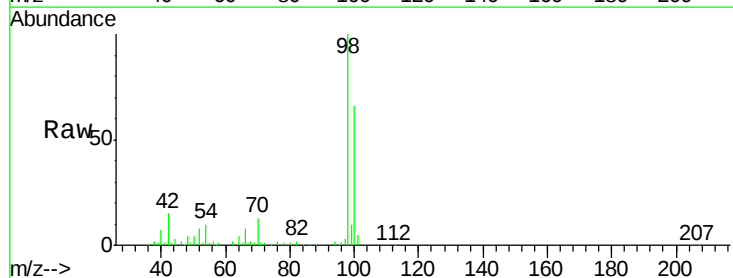
Instrument :
MSVOA_W
ClientSampleId :
RT1873

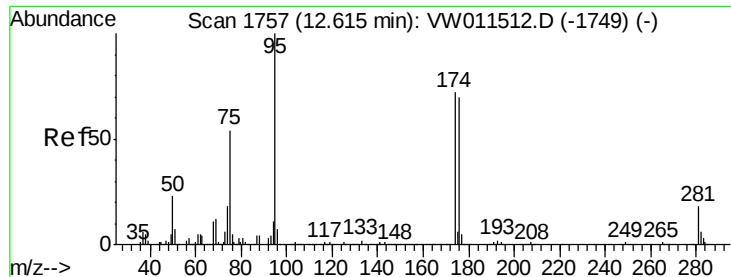
Tot Ion:113 Resp: 12395
Ion Ratio Lower Upper
113 100
111 103.6 82.7 124.1
192 21.0 16.1 24.1



#50
Toluene-d8
Concen: 51.388 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011696.D
Acq: 04 Aug 2019 06:26

Tgt Ion: 98 Resp: 42605
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 37.488 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011696.D

Acq: 04 Aug 2019 06:26

Instrument :

MSVOA_W

ClientSampleId :

RT1873

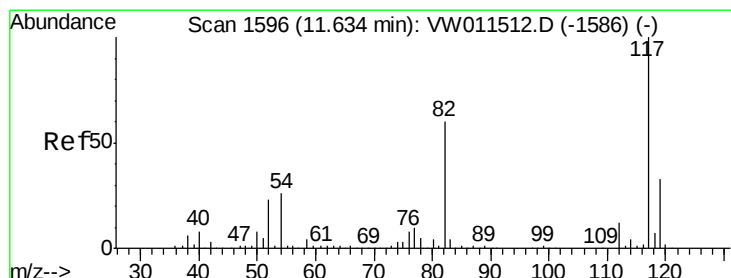
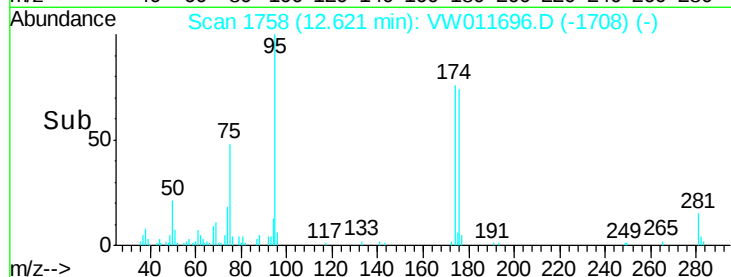
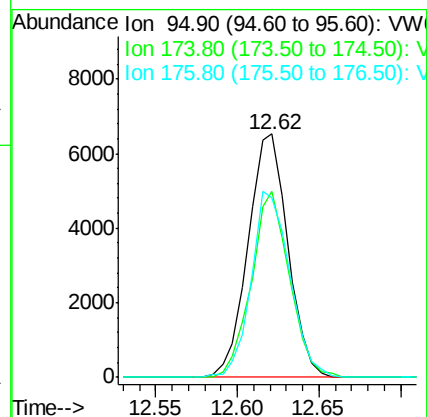
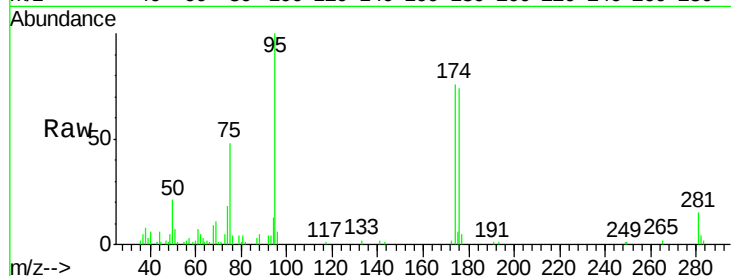
Tot Ion: 95 Resp: 11081

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.2

176 74.1 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: VW011696.D

Acq: 04 Aug 2019 06:26

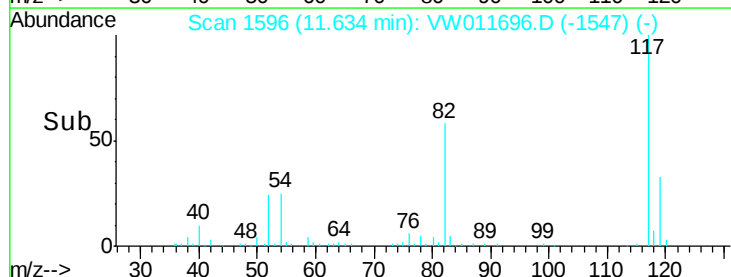
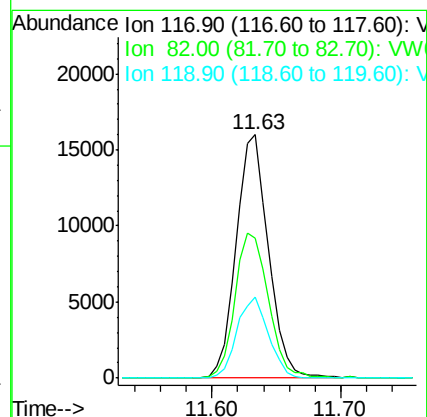
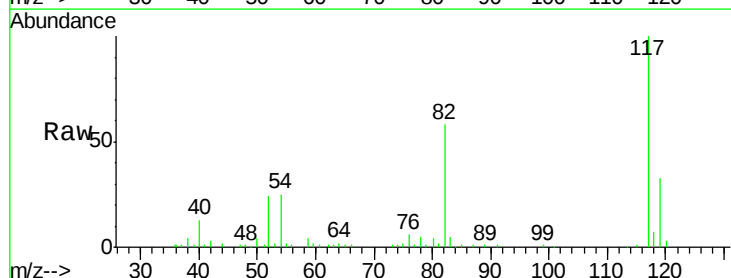
Tgt Ion: 117 Resp: 27996

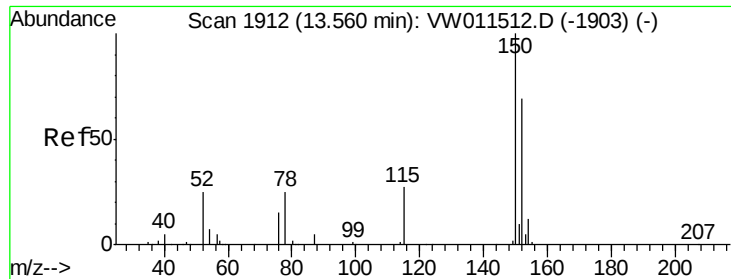
Ion Ratio Lower Upper

117 100

82 57.7 47.9 71.9

119 33.1 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: VW011696.D

Acq: 04 Aug 2019 06:26

Instrument :

MSVOA_W

ClientSampleId :

RT1873

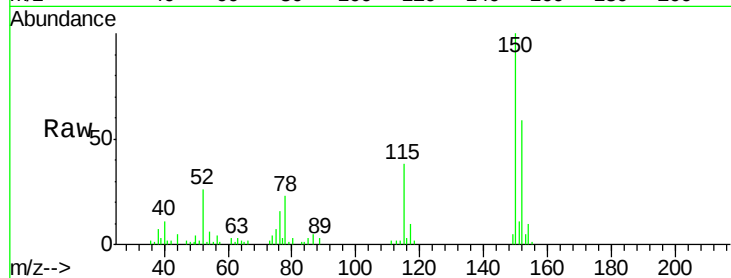
Tot Ion:152 Resp: 7120

Ion Ratio Lower Upper

152 100

115 58.6 30.5 91.5

150 159.0 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

