

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011646.D
 Acq On : 03 Aug 2019 03:52
 Operator : SY/VA
 Sample : K4131-12
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E1-(0-1)

Quant Time: Aug 04 00:59:00 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

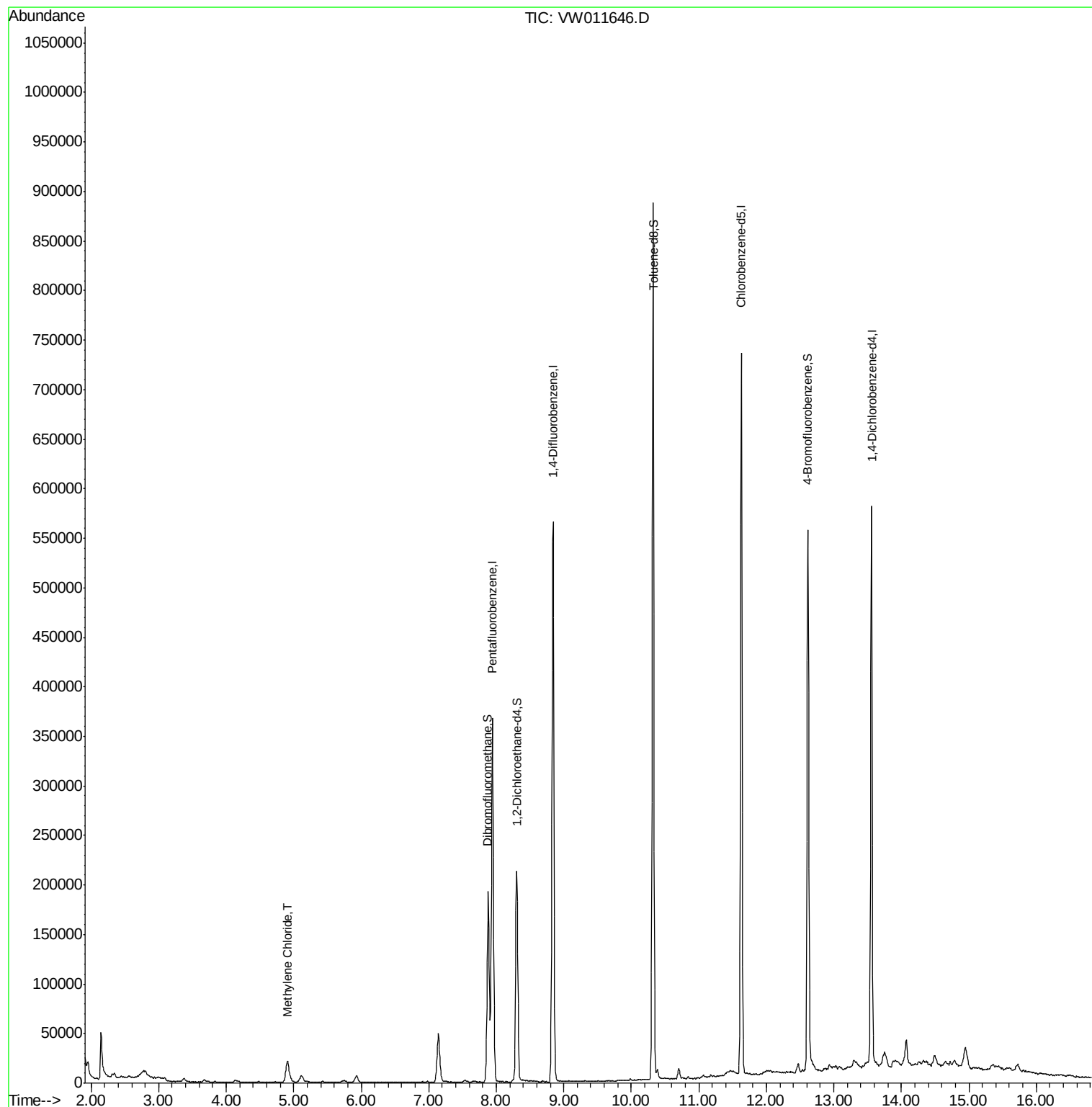
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171148	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	7.88	113	136339	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
50) Toluene-d8	10.32	98	556376	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	179317	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
Target Compounds						
20) Methylene Chloride	4.90	84	14747	4.442	ug/l	Qvalue 95

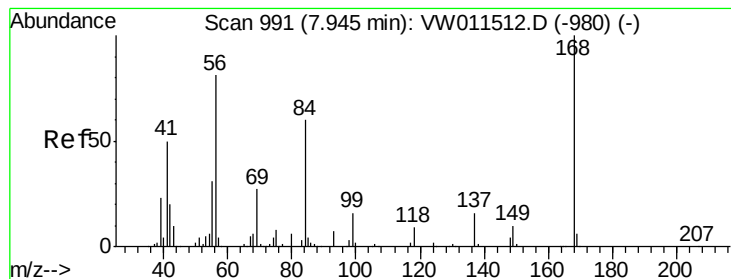
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011646.D

Acq: 03 Aug 2019 03:52

Instrument :

MSVOA_W

ClientSampleId :

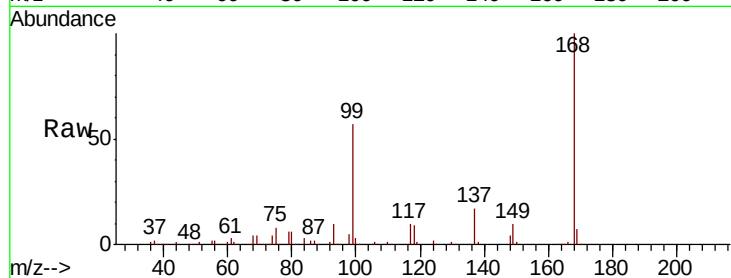
1S-E1-(0-1)

Tot Ion:168 Resp: 263526

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

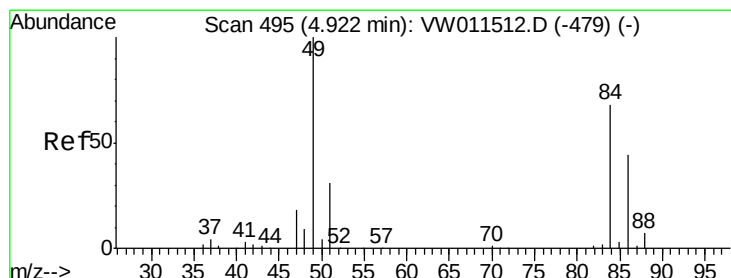
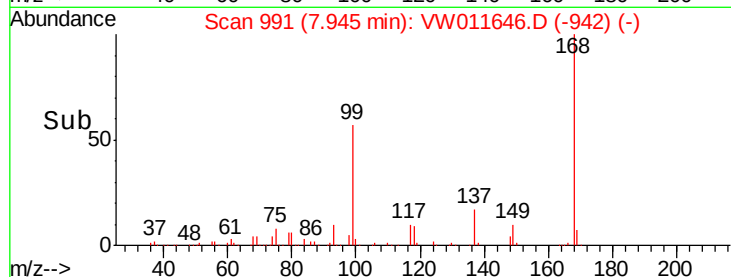
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 4.442 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011646.D

Acq: 03 Aug 2019 03:52

Tgt Ion: 84 Resp: 14747

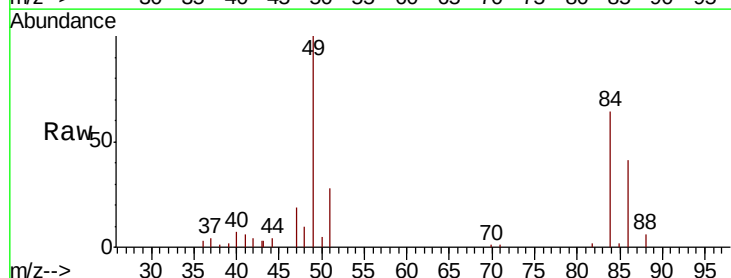
Ion Ratio Lower Upper

84 100

49 155.6 117.8 176.6

51 43.6 37.0 55.4

86 63.6 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

4.90

10000

8000

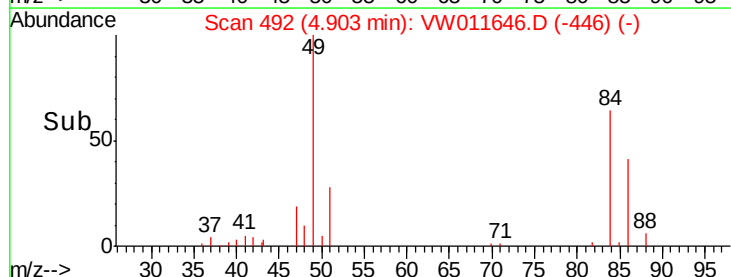
6000

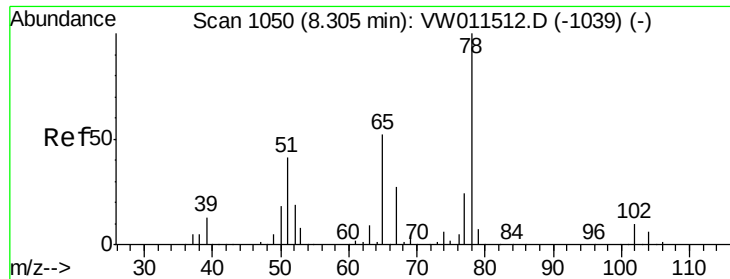
4000

2000

0

Time--> 4.80 4.90 5.00

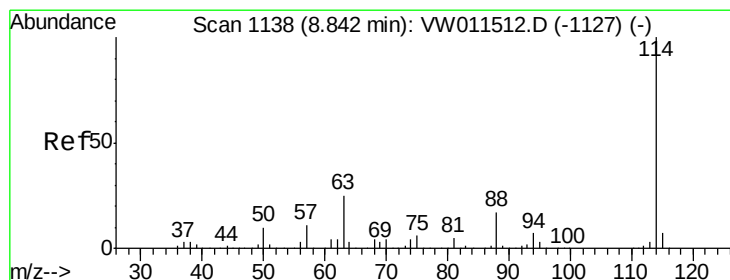
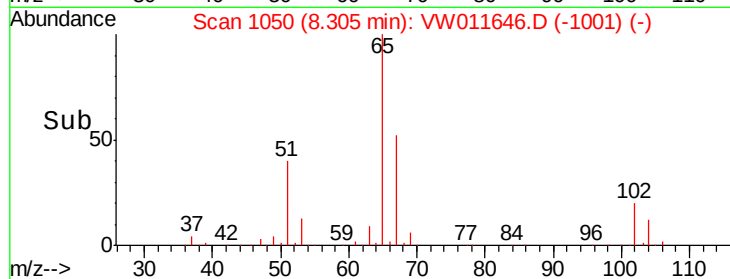
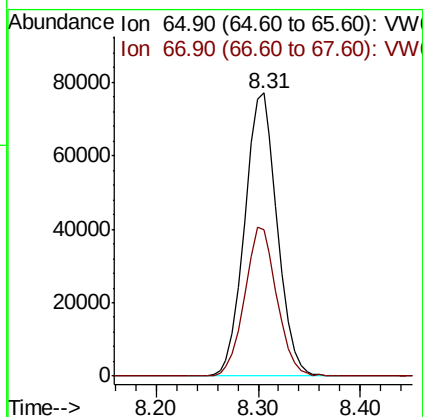
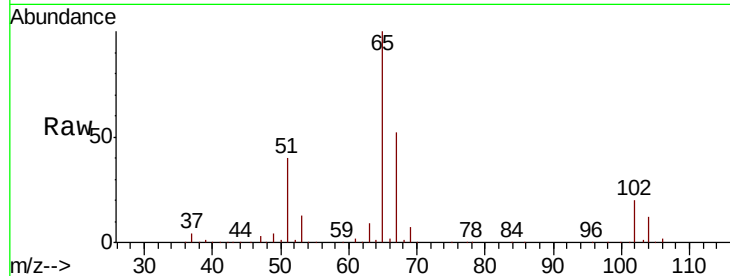




#33
 1,2-Dichloroethane-d4
 Concen: 56.559 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011646.D
 Acq: 03 Aug 2019 03:52

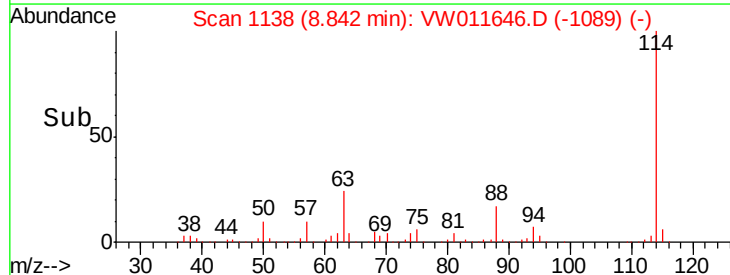
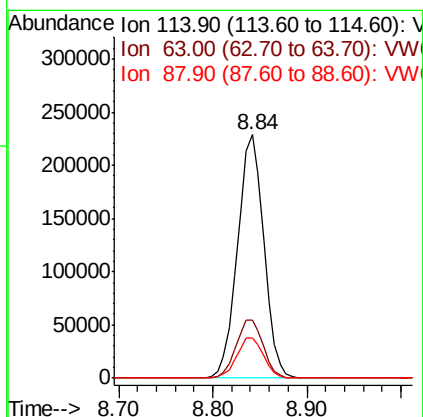
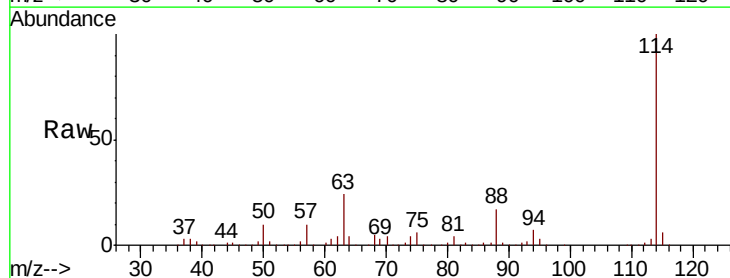
Instrument :
 MSVOA_W
 ClientSampled :
 1S-E1-(0-1)

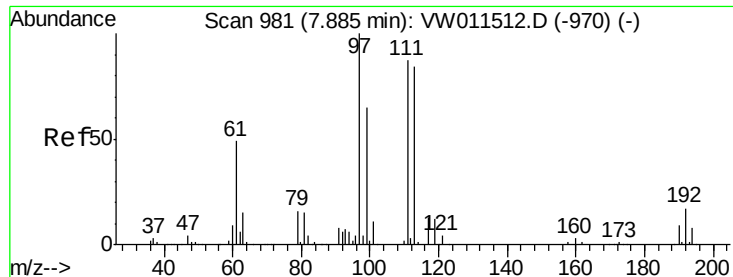
Tot Ion: 65 Resp: 171148
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011646.D
 Acq: 03 Aug 2019 03:52

Tgt Ion: 114 Resp: 445198
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.7 0.0 33.8

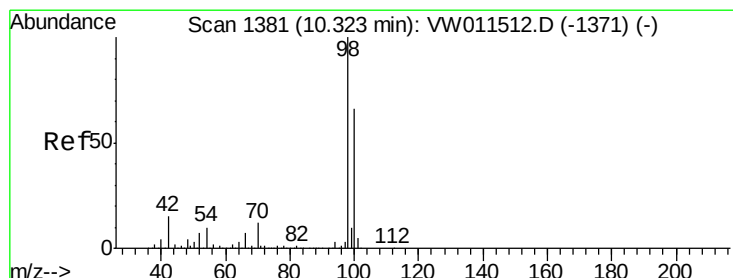
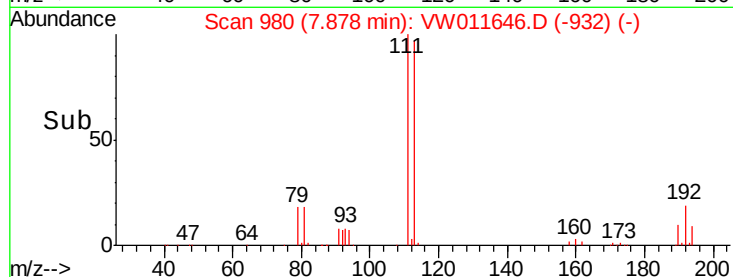
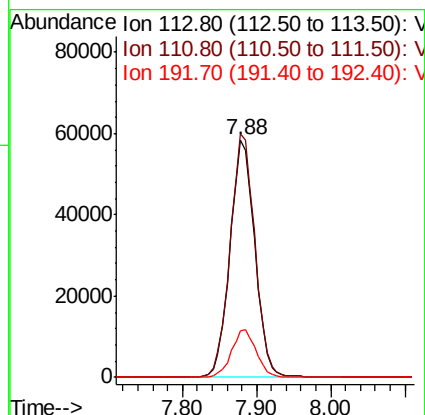
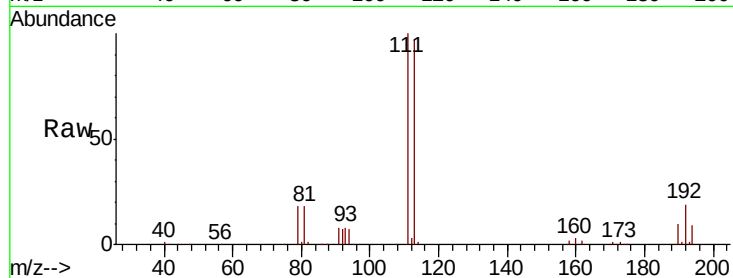




#35
 Dibromofluoromethane
 Concen: 54.587 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011646.D
 Acq: 03 Aug 2019 03:52

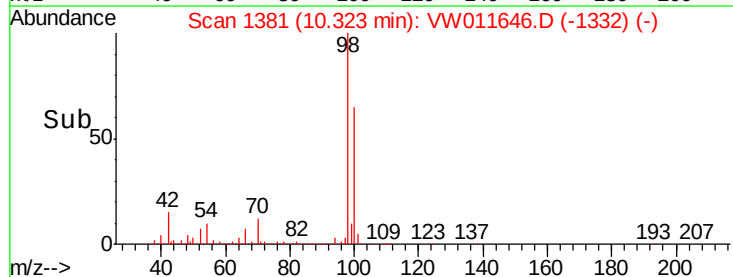
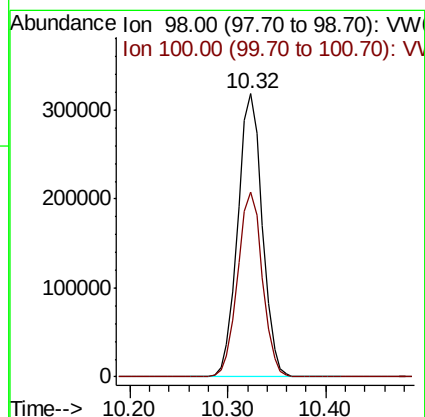
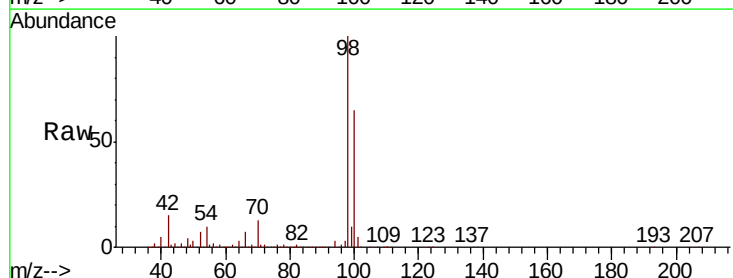
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E1-(0-1)

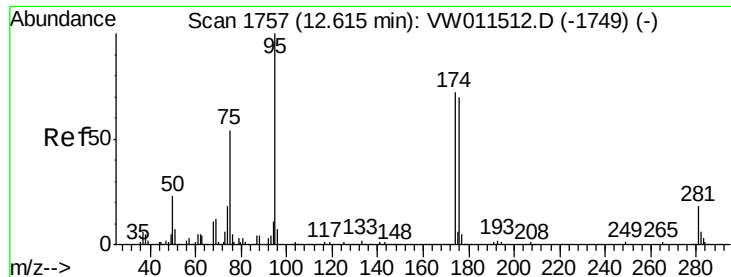
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	20.0	16.1	24.1



#50
 Toluene-d8
 Concen: 54.408 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011646.D
 Acq: 03 Aug 2019 03:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1





#62

4-Bromofluorobenzene

Concen: 49.185 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011646.D

Acq: 03 Aug 2019 03:52

Instrument :

MSVOA_W

ClientSampleId :

1S-E1-(0-1)

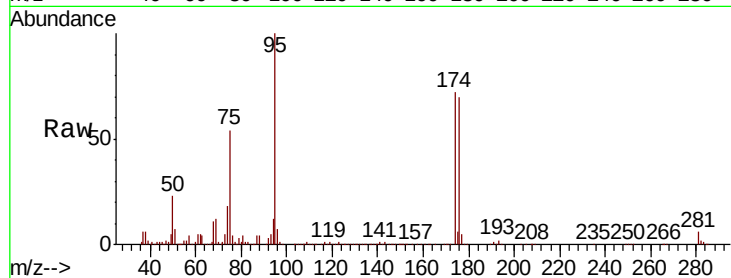
Tot Ion: 95 Resp: 179317

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

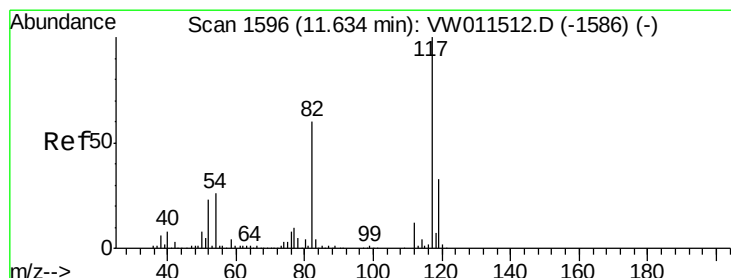
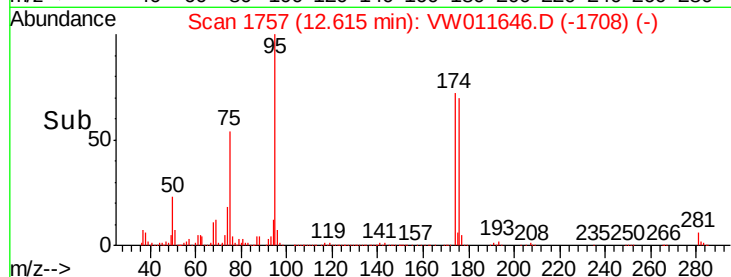
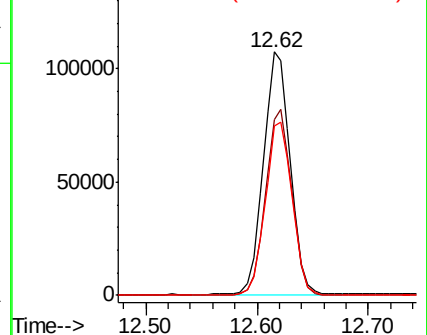
176 71.7 0.0 144.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW011646.D

Acq: 03 Aug 2019 03:52

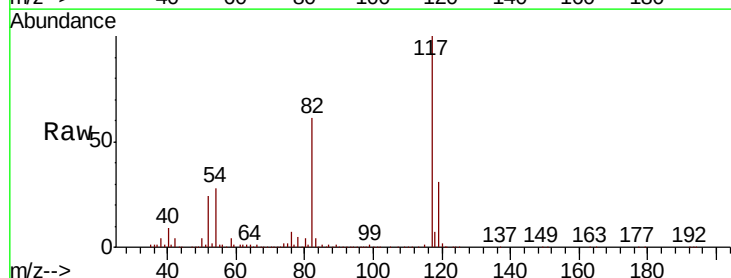
Tgt Ion: 117 Resp: 381625

Ion Ratio Lower Upper

117 100

82 60.8 47.9 71.9

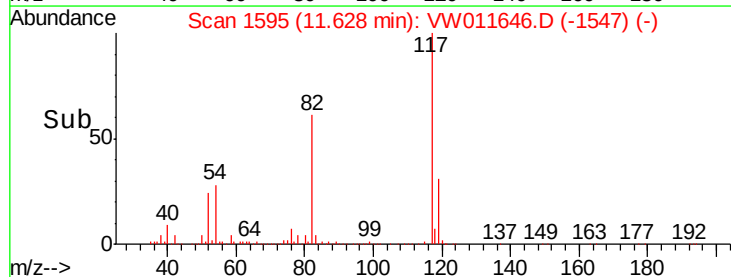
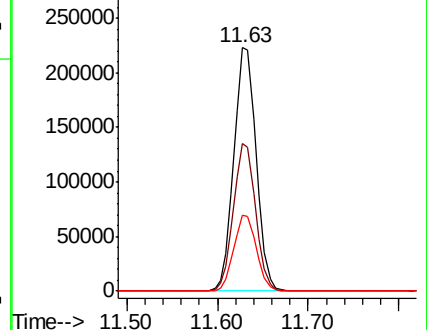
119 31.2 26.2 39.2

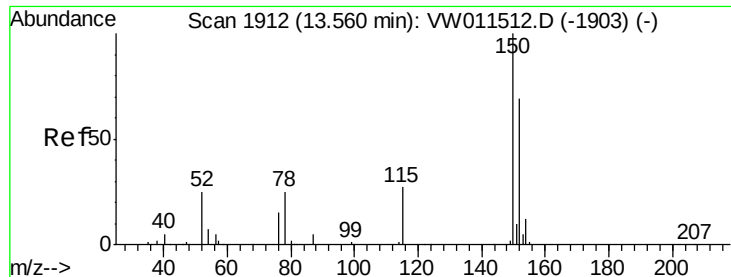


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011646.D

Acq: 03 Aug 2019 03:52

Instrument :

MSVOA_W

ClientSampleId :

1S-E1-(0-1)

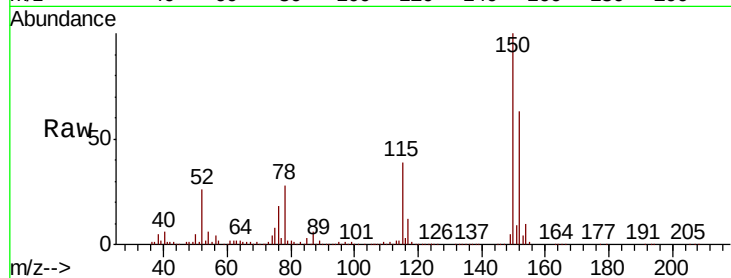
Tot Ion:152 Resp: 141815

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

150 157.2 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

