

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011641.D
 Acq On : 03 Aug 2019 01:43
 Operator : SY/VA
 Sample : K4131-05
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(0-1)

Quant Time: Aug 04 00:49:12 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

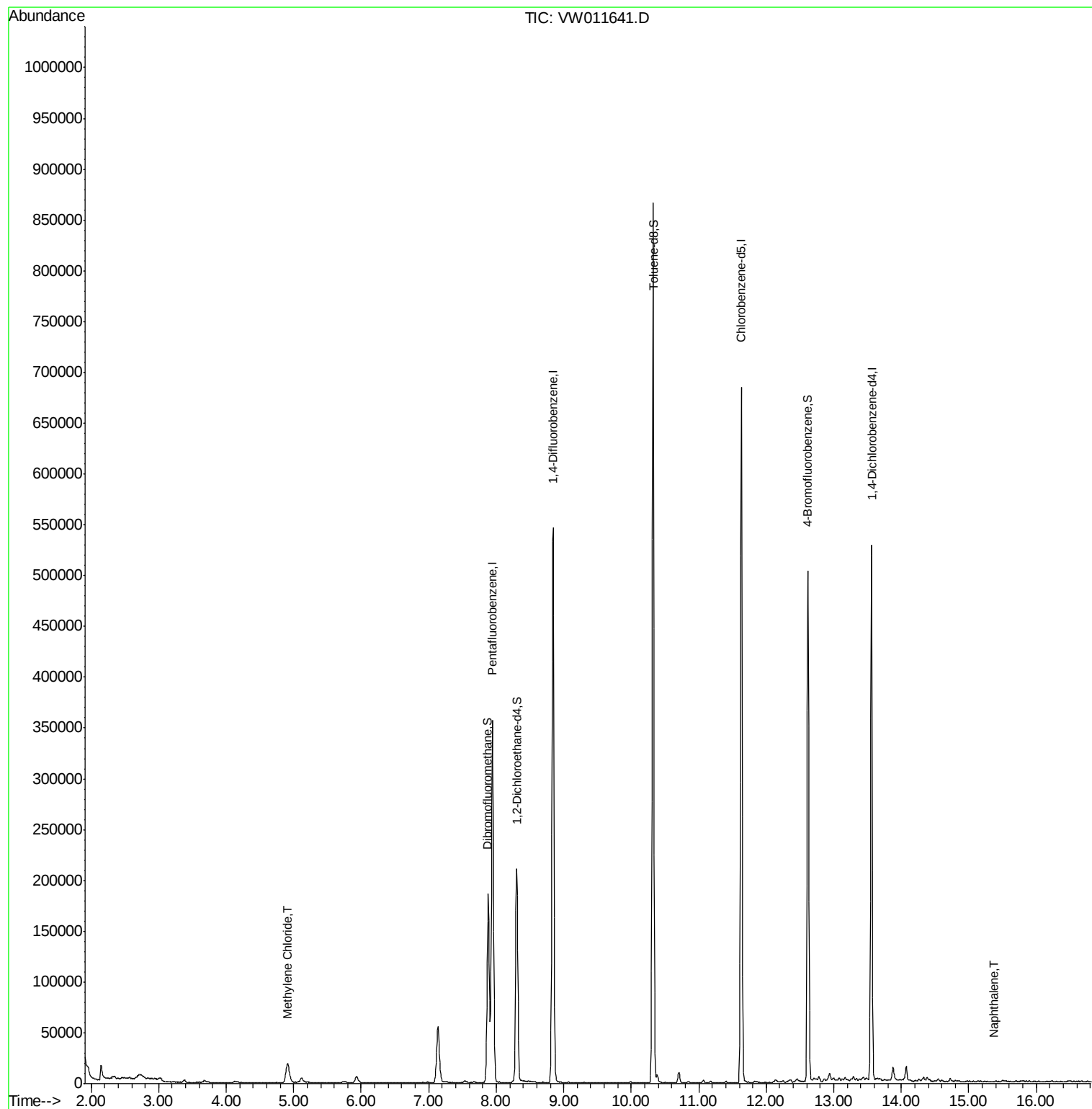
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169012	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	7.88	113	133572	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.32	98	539474	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	165293	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
20) Methylene Chloride	4.91	84	14185	4.306	ug/l	95
95) Naphthalene	15.37	128	455	2.149	ug/l #	69

(#) = 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

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MSVOA_W

ClientSampleId :

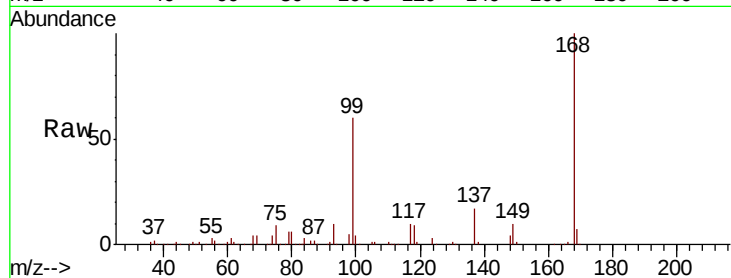
1S-D4-(0-1)

Tot Ion:168 Resp: 261520

Ion Ratio Lower Upper

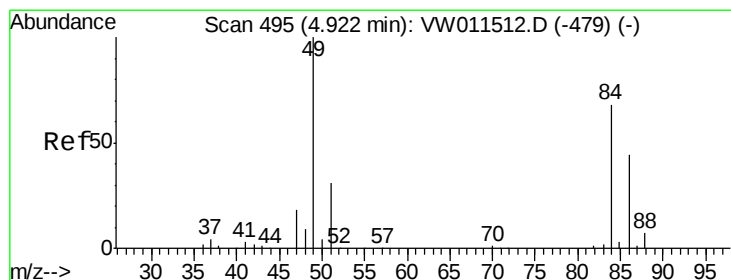
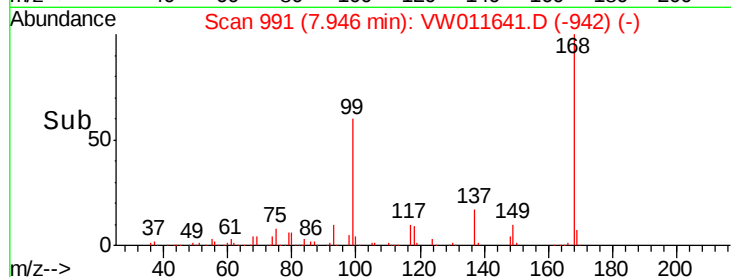
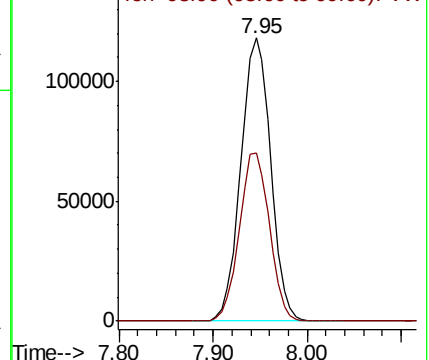
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VV



#20

Methylene Chloride

Concen: 4.306 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011641.D

Acq: 03 Aug 2019 01:43

Tgt Ion: 84 Resp: 14185

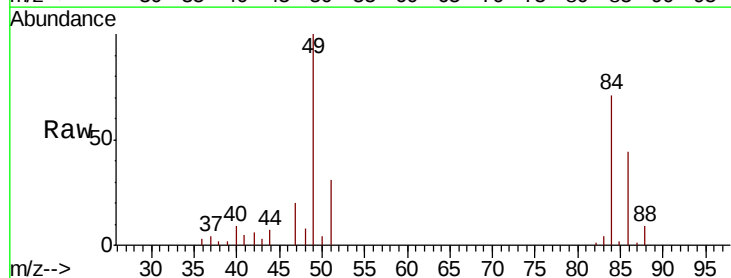
Ion Ratio Lower Upper

84 100

49 140.0 117.8 176.6

51 43.6 37.0 55.4

86 61.6 51.8 77.8

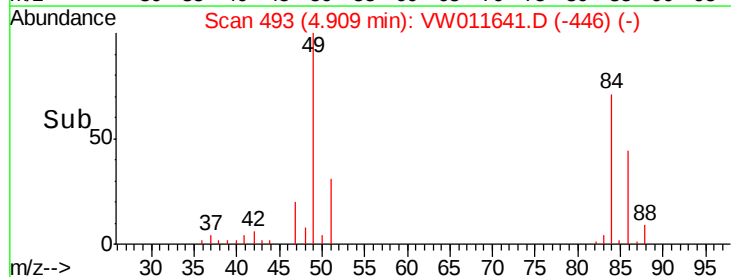
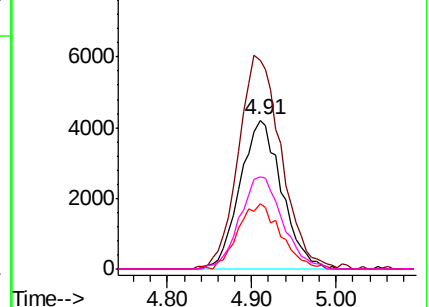


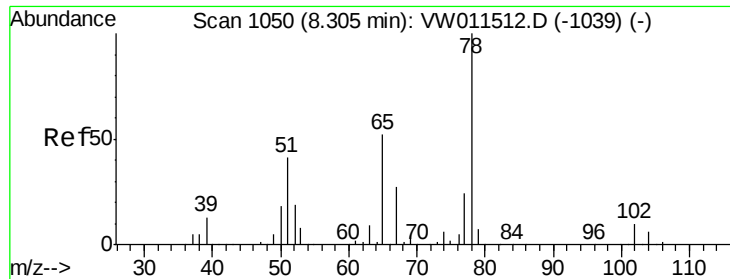
Abundance Ion 83.90 (83.60 to 84.60): VV

Ion 48.90 (48.60 to 49.60): VV

Ion 50.90 (50.60 to 51.60): VV

Ion 85.90 (85.60 to 86.60): VV

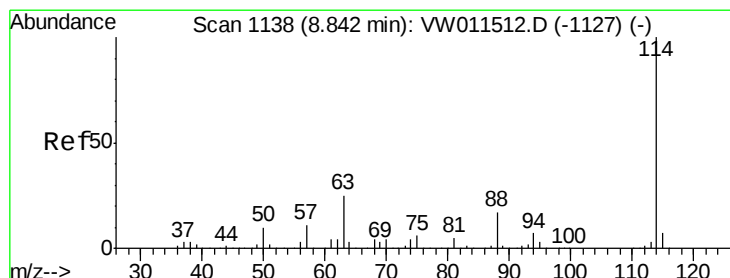
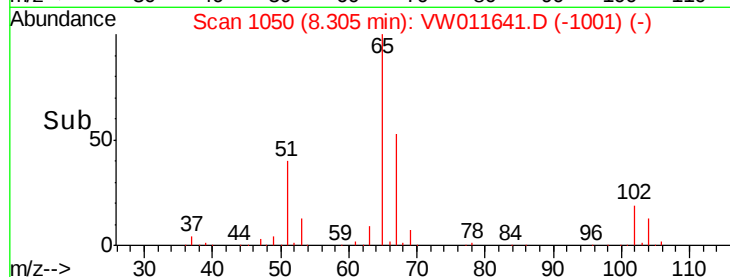
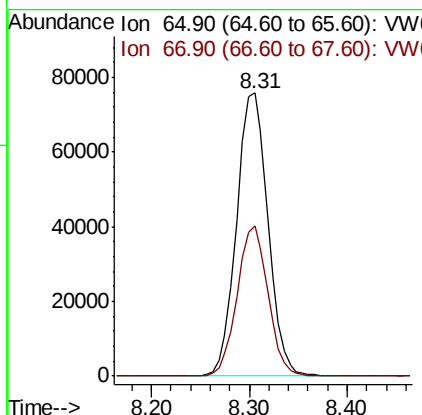
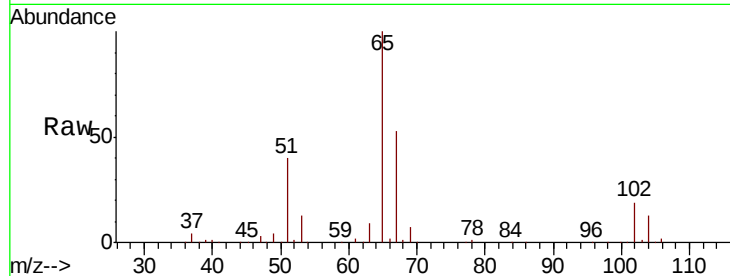




#33
 1,2-Dichloroethane-d4
 Concen: 56.281 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011641.D
 Acq: 03 Aug 2019 01:43

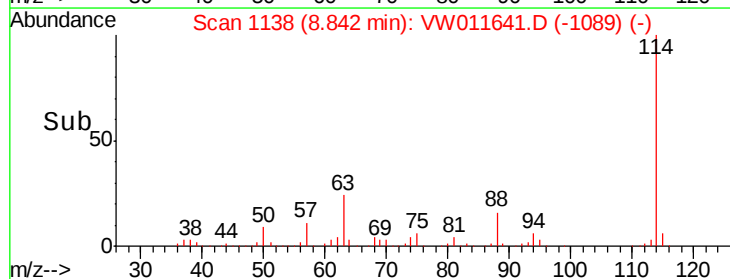
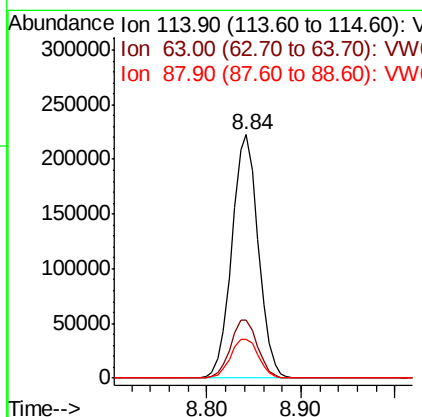
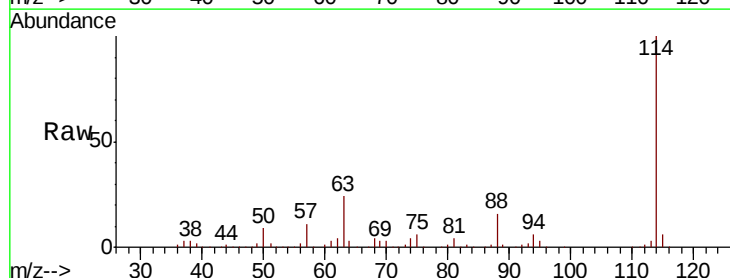
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(0-1)

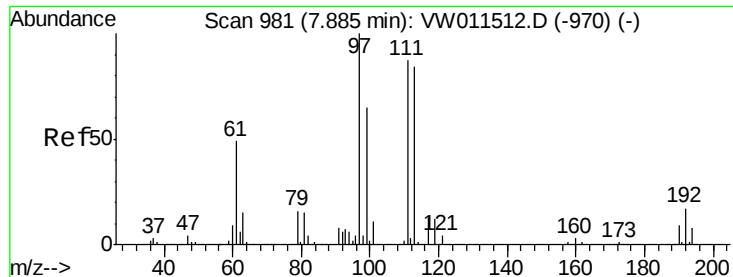
Tot Ion: 65 Resp: 169012
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011641.D
 Acq: 03 Aug 2019 01:43

Tgt Ion: 114 Resp: 433168
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 15.8 0.0 33.8

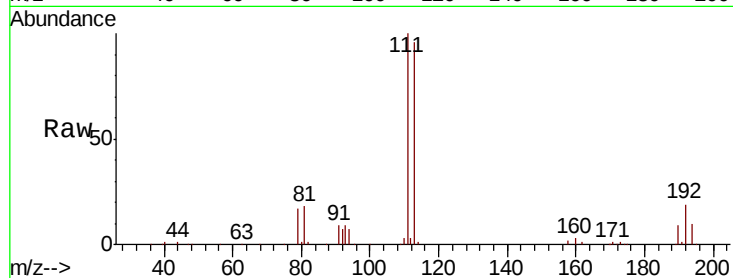




#35
 Dibromofluoromethane
 Concen: 54.965 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011641.D
 Acq: 03 Aug 2019 01:43

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(0-1)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.1	16.1	24.1

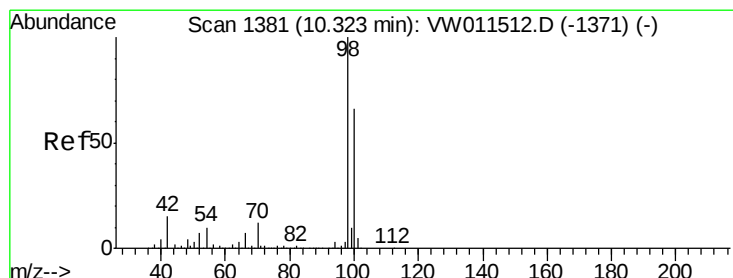
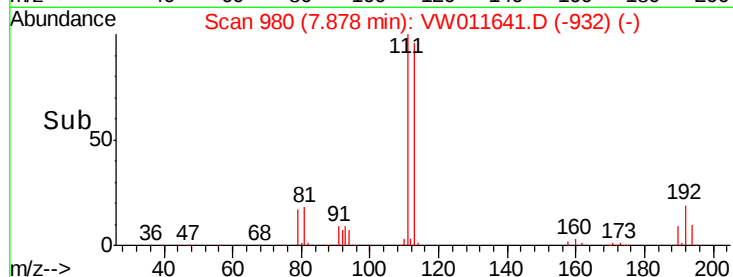
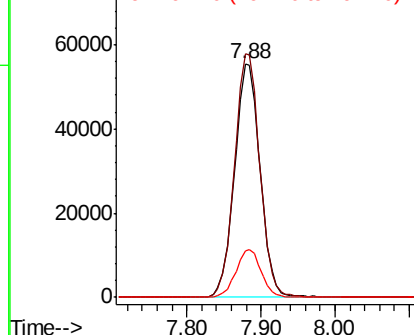


Abundance

Ion 112.80 (112.50 to 113.50): V

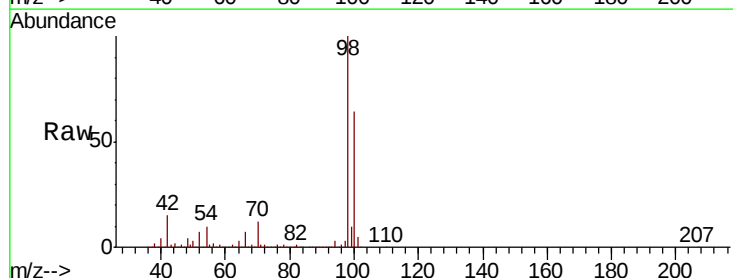
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 54.220 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011641.D
 Acq: 03 Aug 2019 01:43

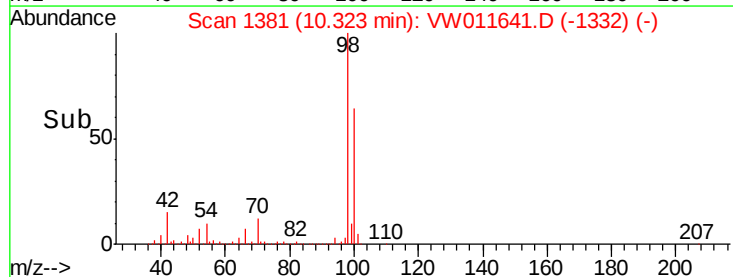
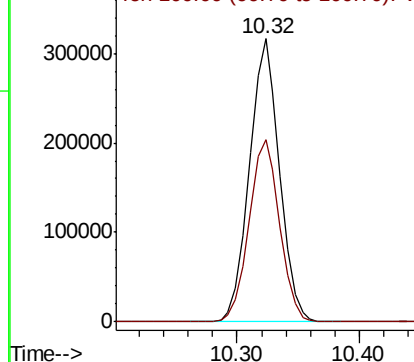
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1

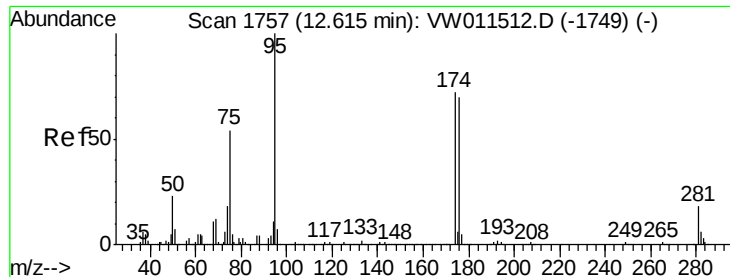


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

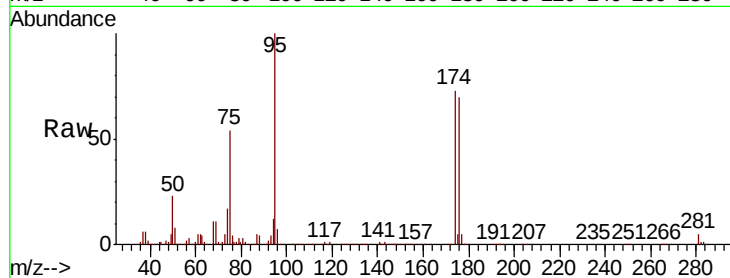




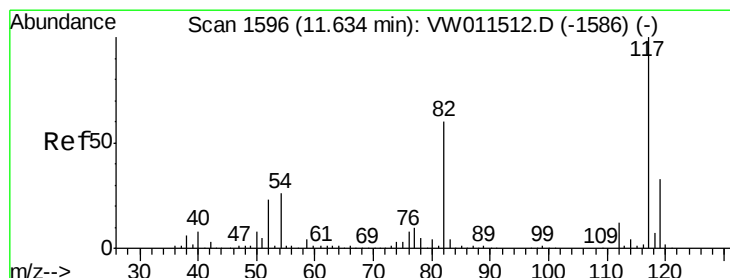
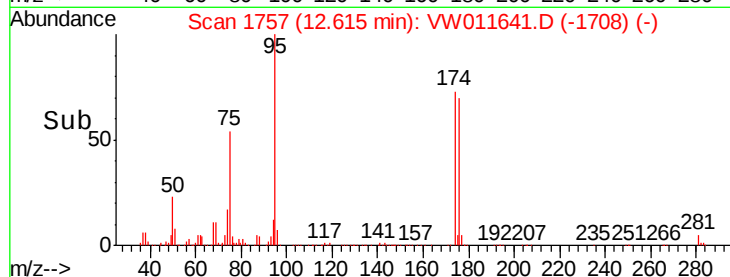
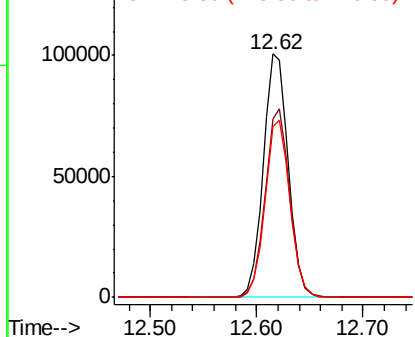
#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011641.D
Acq: 03 Aug 2019 01:43

Instrument :
MSVOA_W
ClientSampleId :
1S-D4-(0-1)

Tot Ion: 95 Resp: 165293
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.2
176 72.3 0.0 144.4

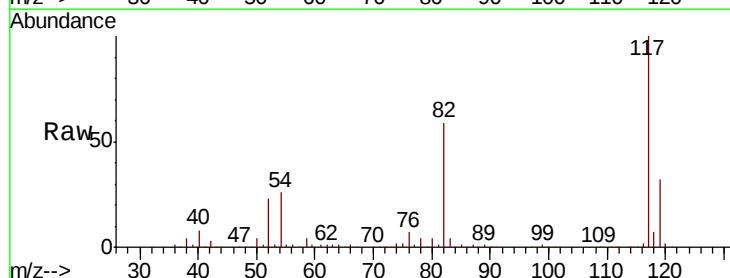


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

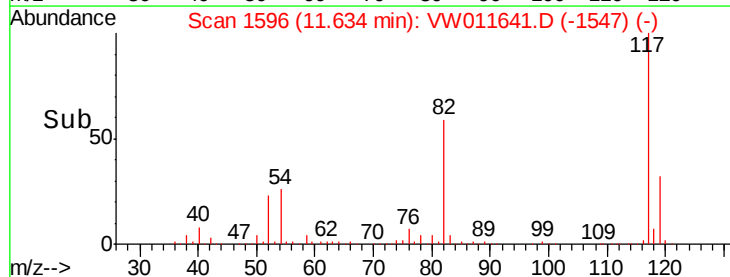
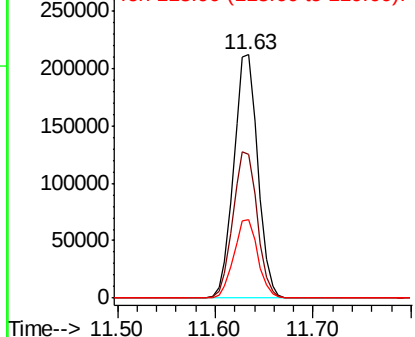


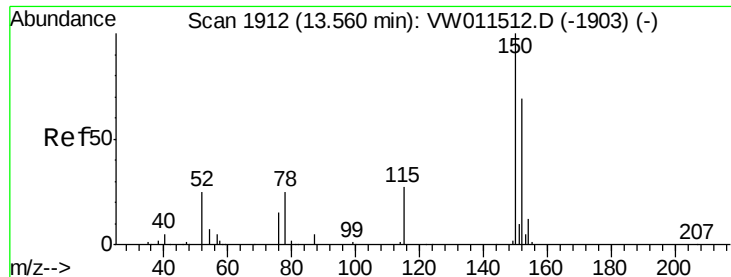
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011641.D
Acq: 03 Aug 2019 01:43

Tgt Ion: 117 Resp: 362389
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 32.3 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: VW011641.D

Acq: 03 Aug 2019 01:43

Instrument :

MSVOA_W

ClientSampleId :

1S-D4-(0-1)

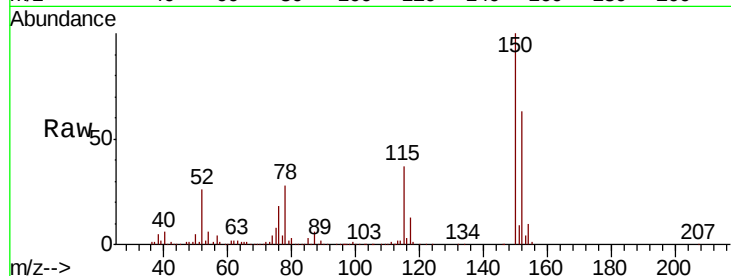
Tot Ion:152 Resp: 132469

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

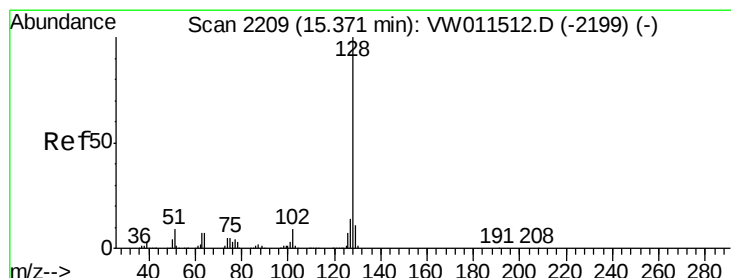
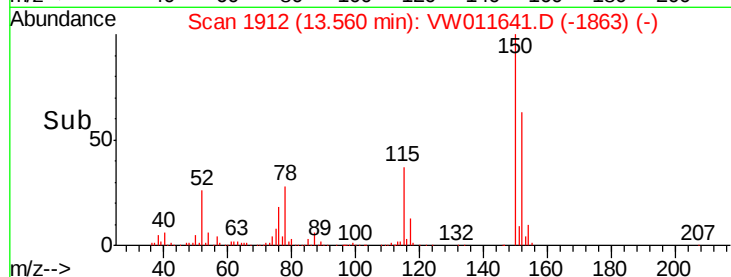
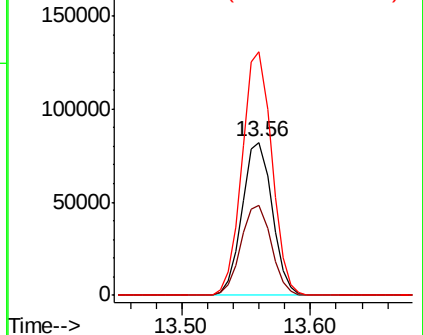
150 157.7 0.0 352.6



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



#95

Naphthalene

Concen: 2.149 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011641.D

Acq: 03 Aug 2019 01:43

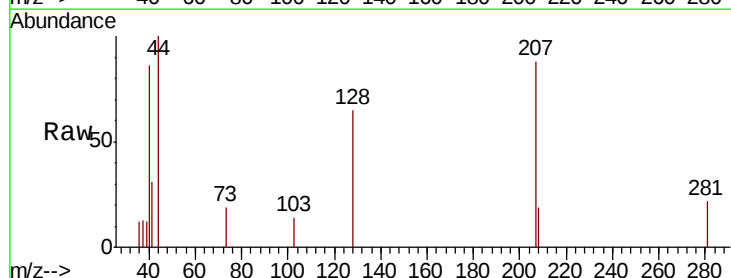
Tgt Ion:128 Resp: 455

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

