

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012817.D
 Acq On : 09 Sep 2019 13:23
 Operator : SY/VA
 Sample : K4760-08
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

Quant Time: Sep 09 14:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

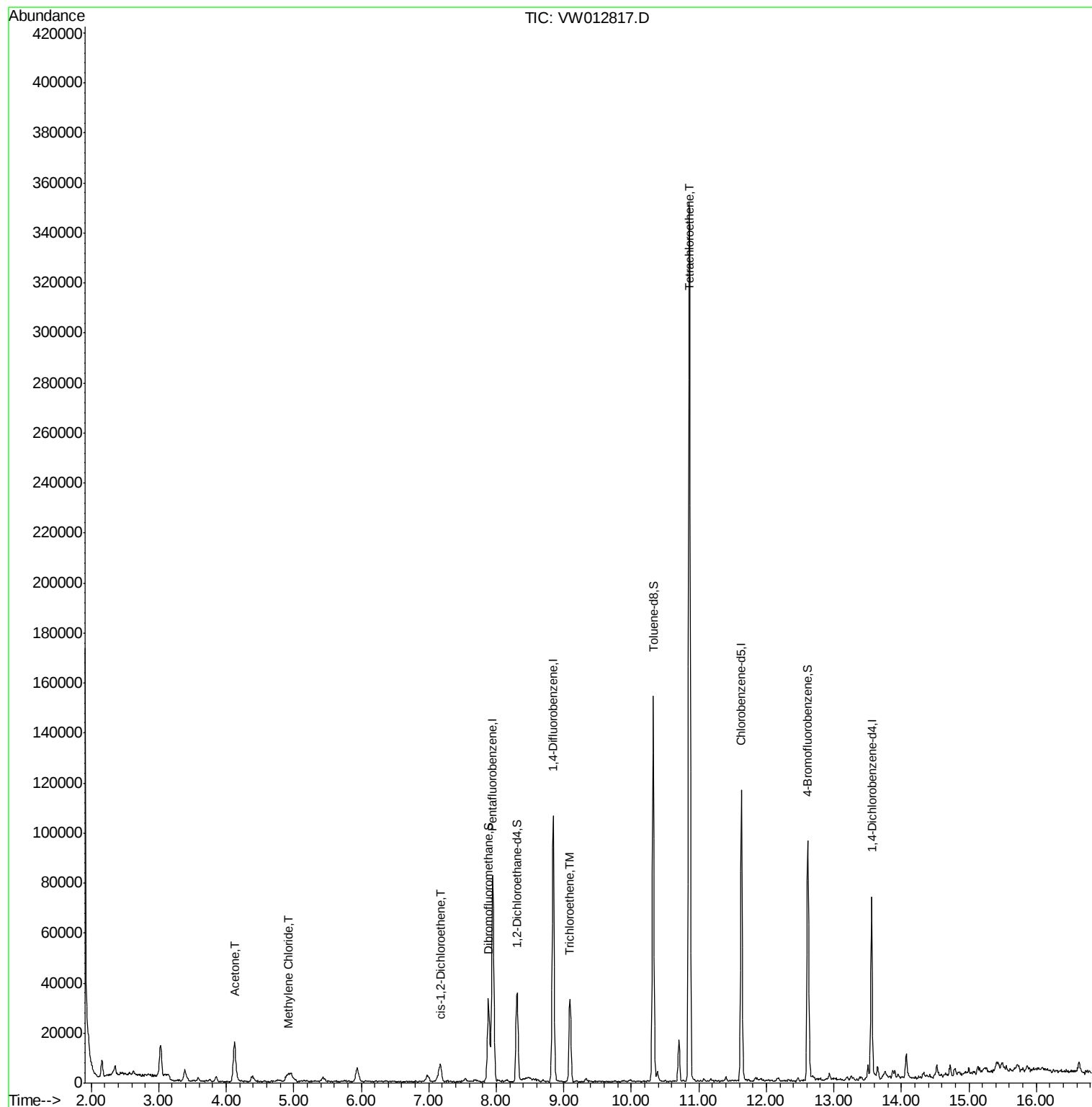
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	87272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29102	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
35) Dibromofluoromethane	7.89	113	23791	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	10.32	98	100663	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.61	95	25935	35.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.28%	
Target Compounds						
16) Acetone	4.12	43	28203	143.688	ug/l	91
20) Methylene Chloride	4.92	84	1427	2.324	ug/l #	84
27) cis-1,2-Dichloroethene	7.18	96	3509	5.574	ug/l	82
44) Trichloroethene	9.09	130	12086	21.793	ug/l	80
64) Tetrachloroethene	10.86	164	82695	208.053	ug/l	98

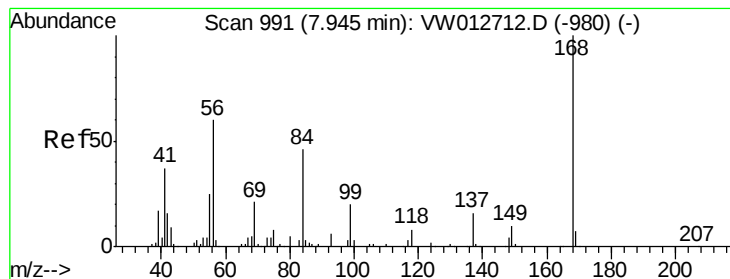
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012817.D

Acq: 09 Sep 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

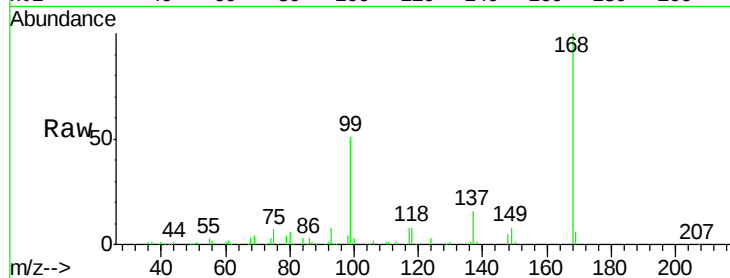
WEST-SIDE-WALL-1

Tot Ion:168 Resp: 64437

Ion Ratio Lower Upper

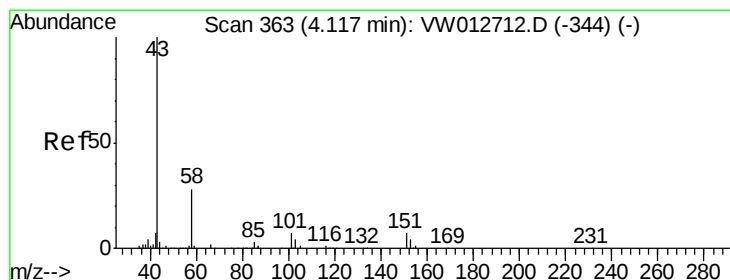
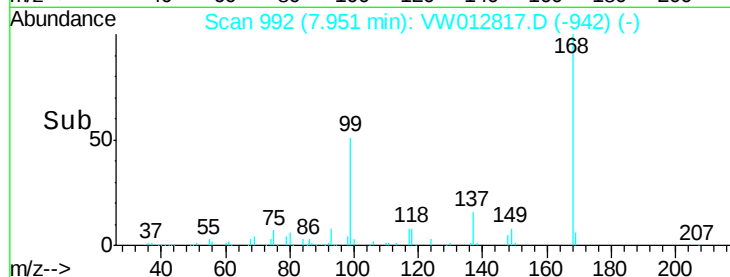
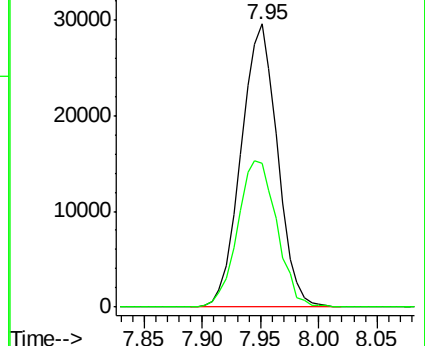
168 100

99 51.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 143.688 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012817.D

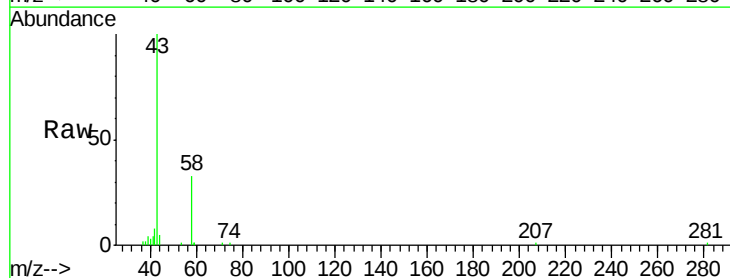
Acq: 09 Sep 2019 13:23

Tgt Ion: 43 Resp: 28203

Ion Ratio Lower Upper

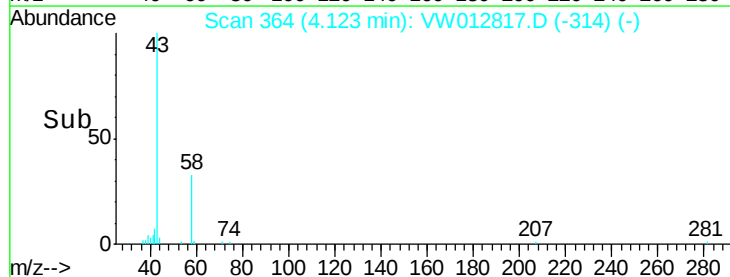
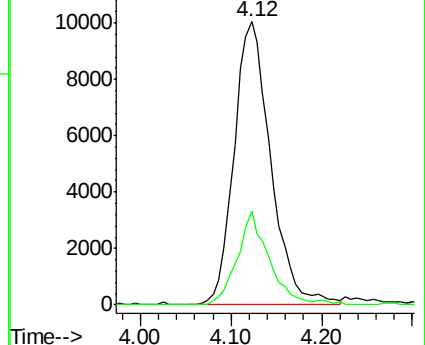
43 100

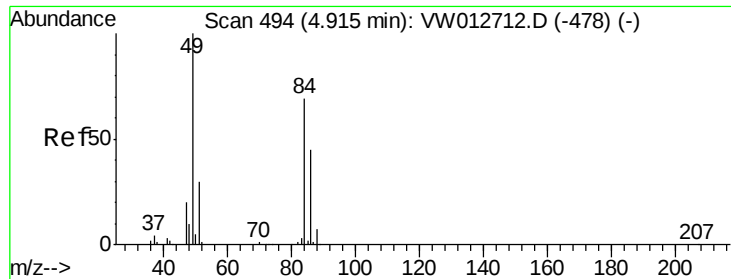
58 33.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

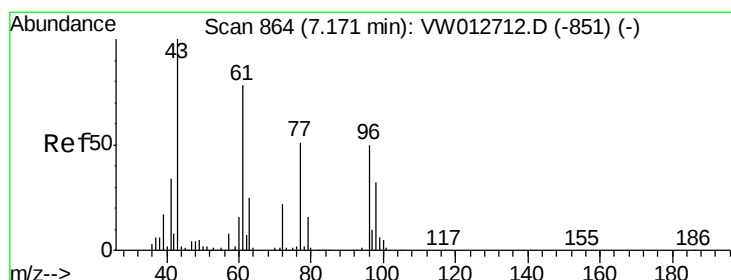
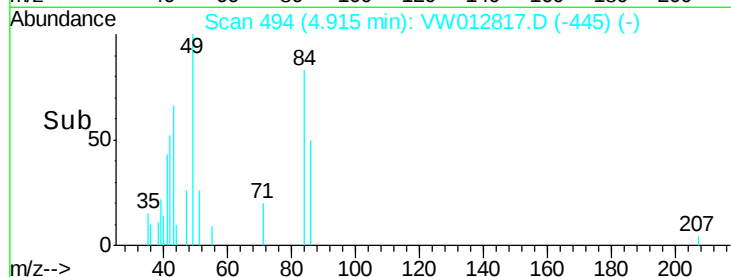
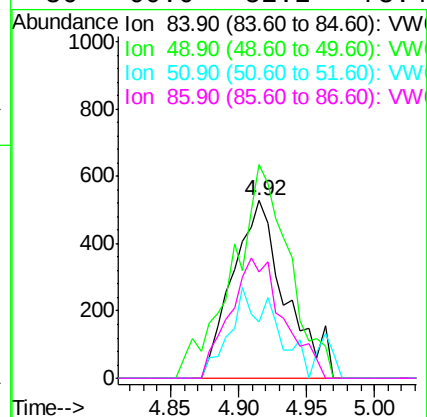
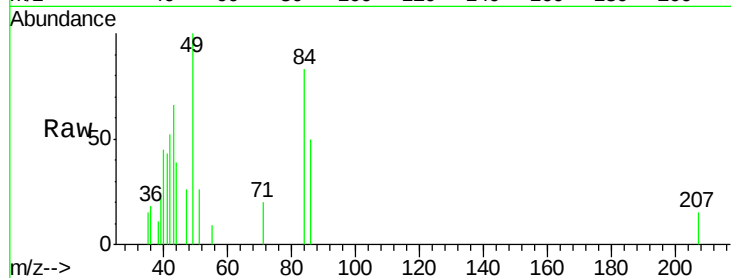




#20
Methylene Chloride
Concen: 2.324 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012817.D
Acq: 09 Sep 2019 13:23

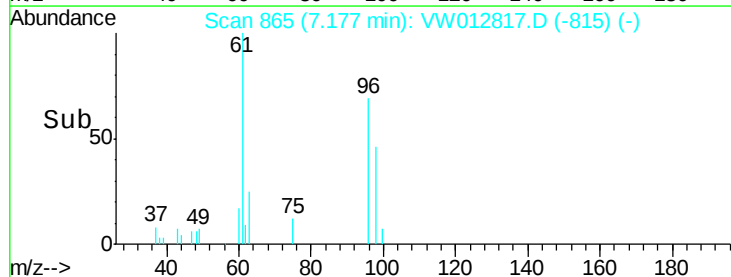
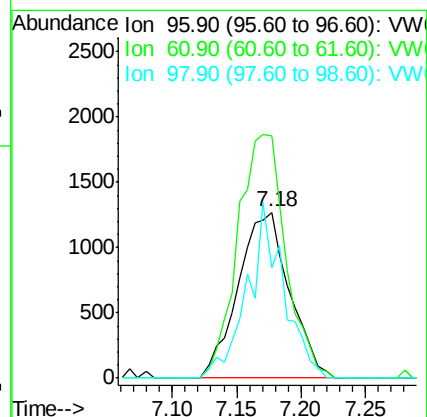
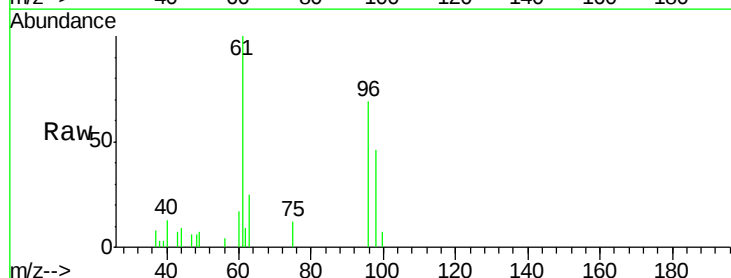
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-1

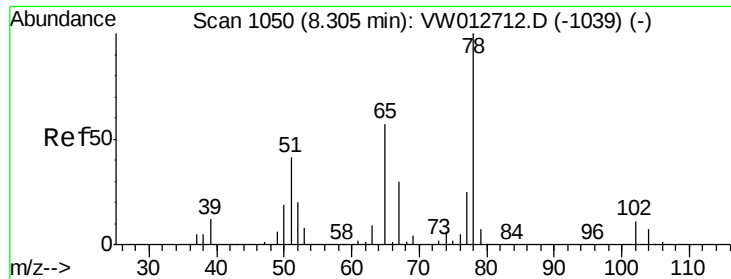
Tot Ion: 84 Resp: 1427
Ion Ratio Lower Upper
84 100
49 120.3 115.4 173.0
51 31.6 34.9 52.3#
86 60.0 52.2 78.4



#27
cis-1,2-Dichloroethene
Concen: 5.574 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW012817.D
Acq: 09 Sep 2019 13:23

Tgt Ion: 96 Resp: 3509
Ion Ratio Lower Upper
96 100
61 137.1 0.0 325.8
98 74.1 0.0 127.0

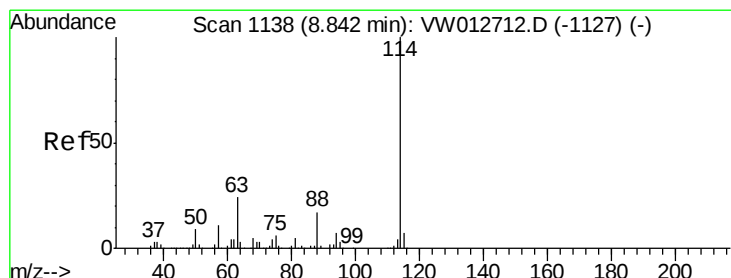
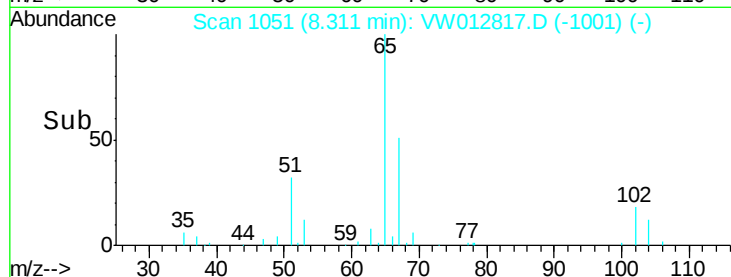
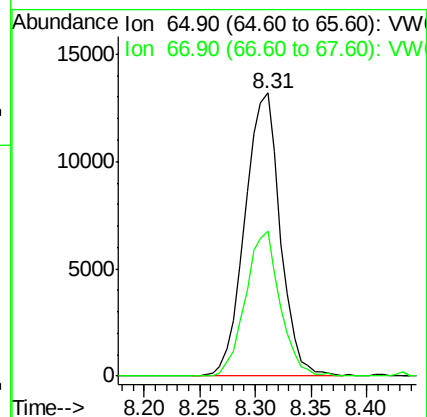
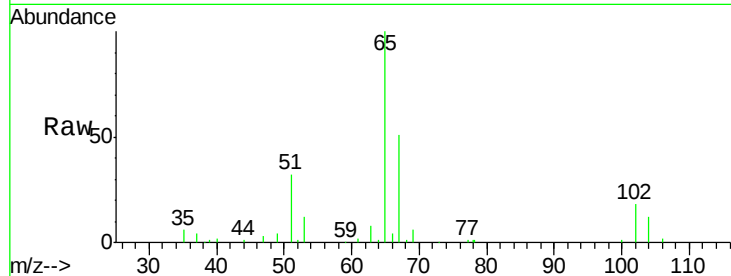




#33
 1,2-Dichloroethane-d4
 Concen: 40.421 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW012817.D
 Acq: 09 Sep 2019 13:23

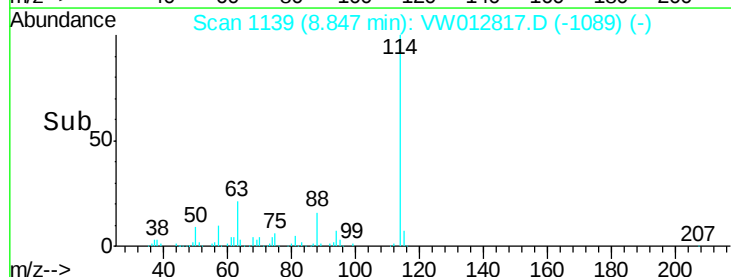
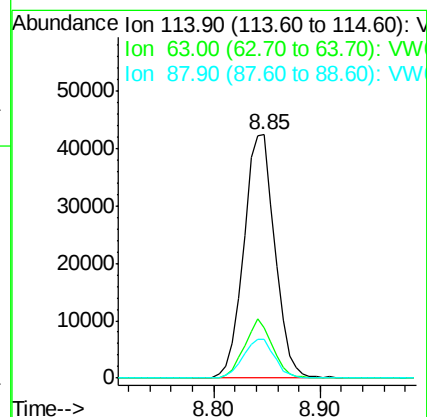
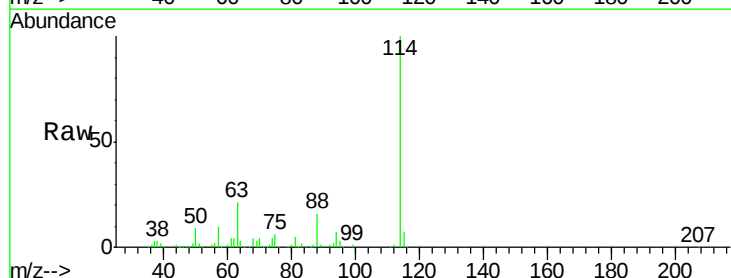
Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

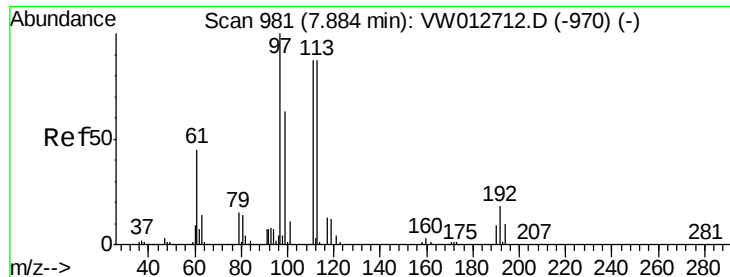
Tot Ion: 65 Resp: 29102
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW012817.D
 Acq: 09 Sep 2019 13:23

Tgt Ion: 114 Resp: 87272
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 47.2
 88 15.8 0.0 34.0

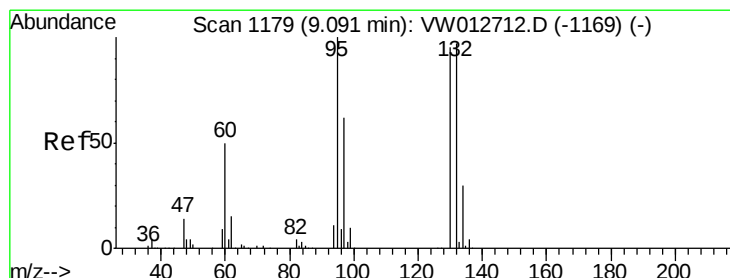
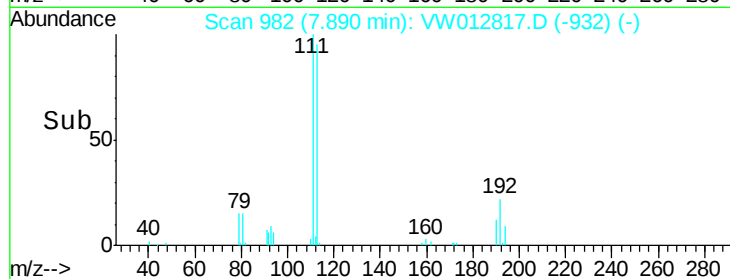
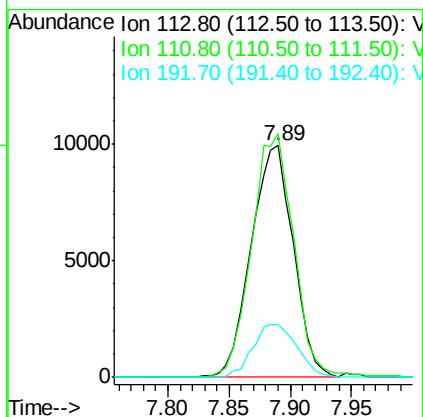
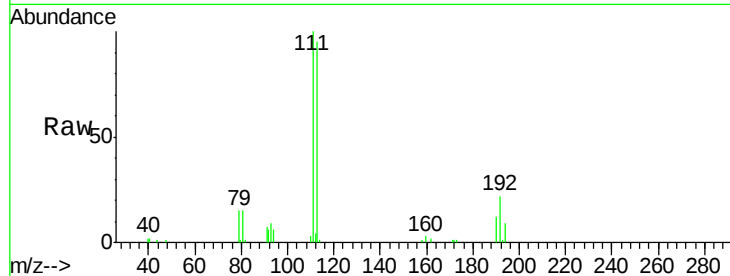




#35
 Dibromofluoromethane
 Concen: 45.853 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW012817.D
 Acq: 09 Sep 2019 13:23

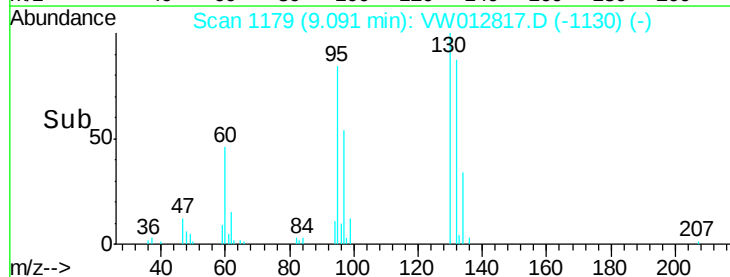
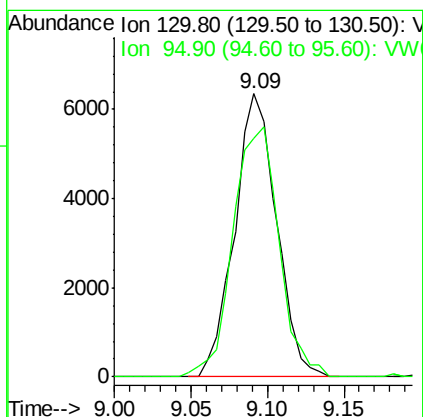
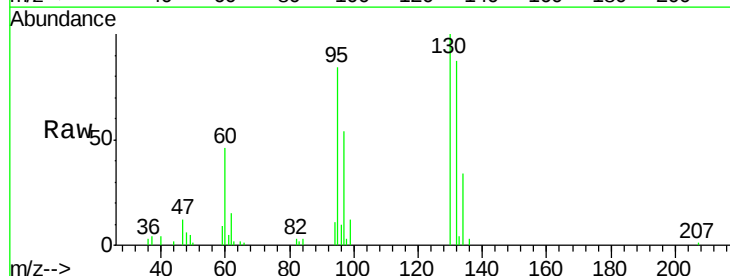
Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

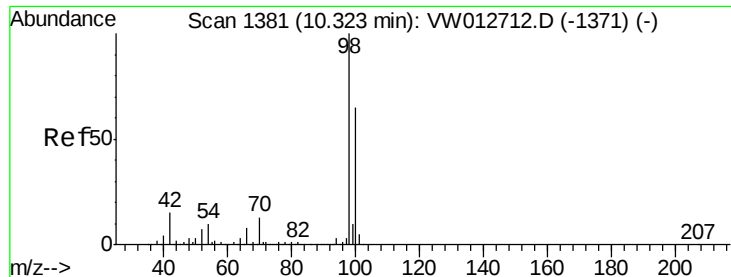
Tot Ion:113 Resp: 23791
 Ion Ratio Lower Upper
 113 100
 111 105.6 80.2 120.4
 192 23.9 17.3 25.9



#44
 Trichloroethene
 Concen: 21.793 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW012817.D
 Acq: 09 Sep 2019 13:23

Tgt Ion:130 Resp: 12086
 Ion Ratio Lower Upper
 130 100
 95 84.3 0.0 210.6





#50

Toluene-d8

Concen: 49.520 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012817.D

Acq: 09 Sep 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

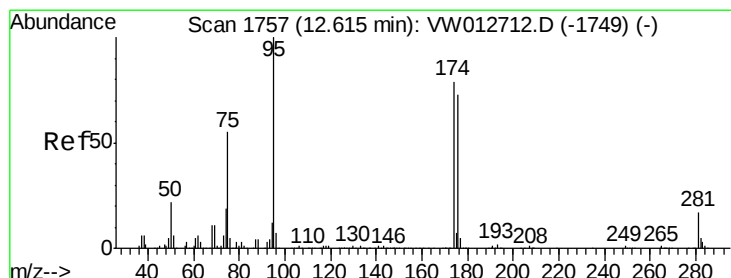
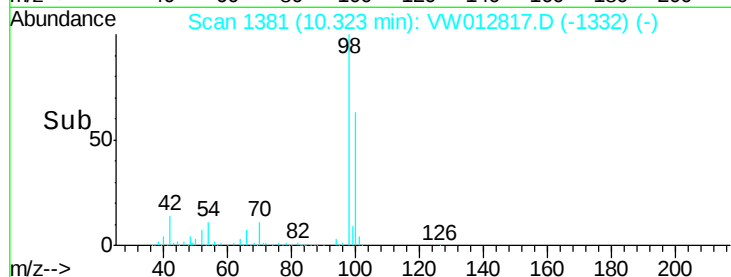
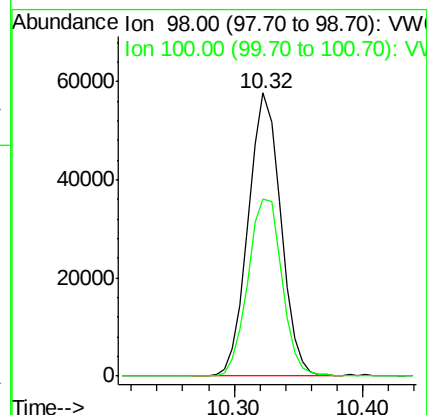
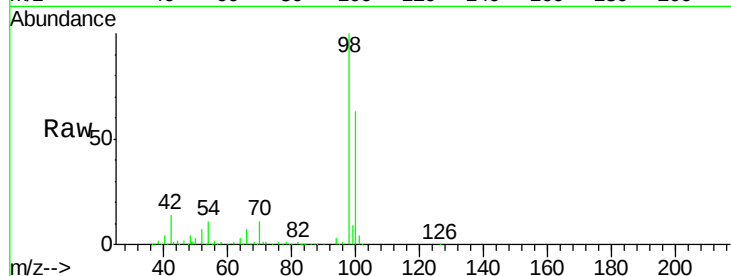
WEST-SIDE-WALL-1

Tot Ion: 98 Resp: 100663

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 35.144 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012817.D

Acq: 09 Sep 2019 13:23

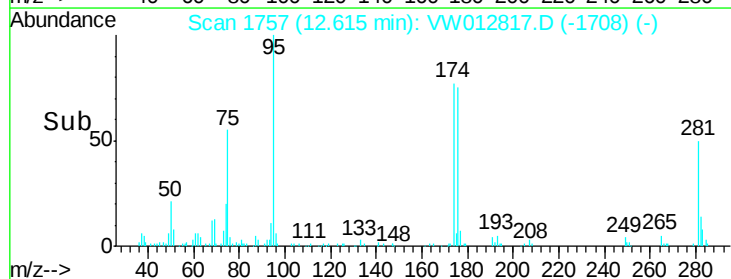
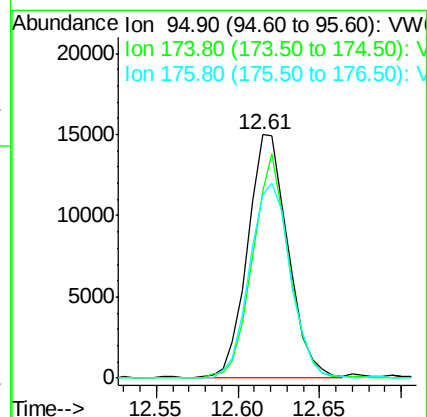
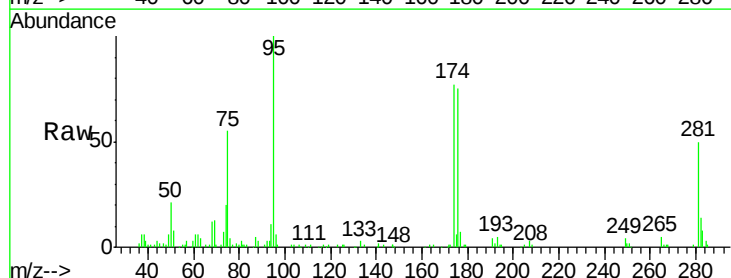
Tgt Ion: 95 Resp: 25935

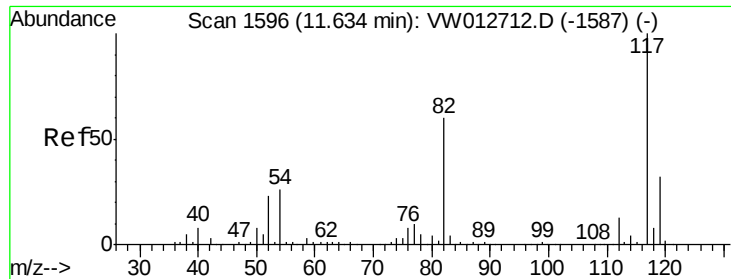
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.0

176 80.8 0.0 156.4

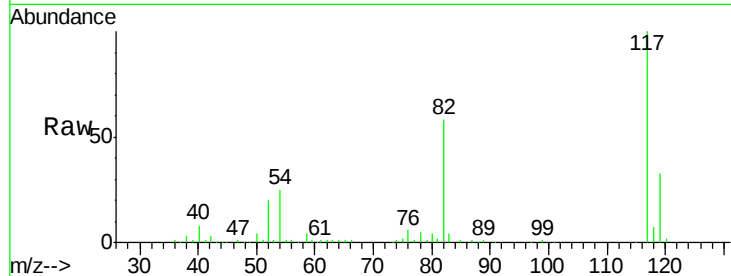




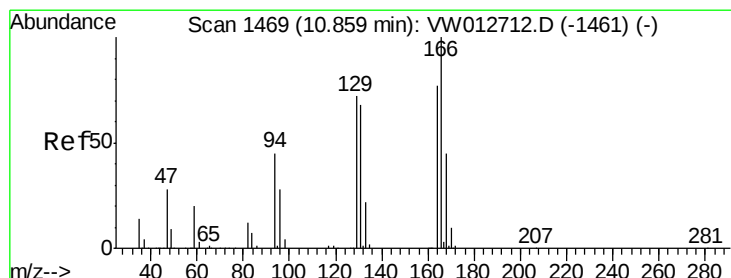
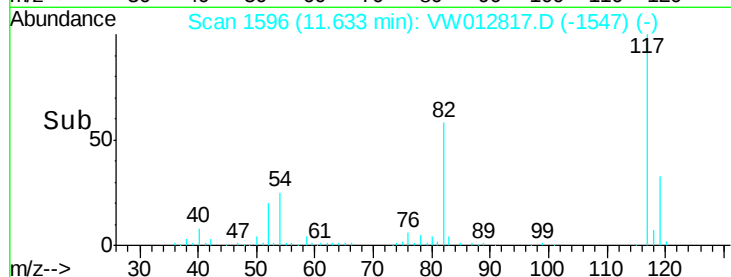
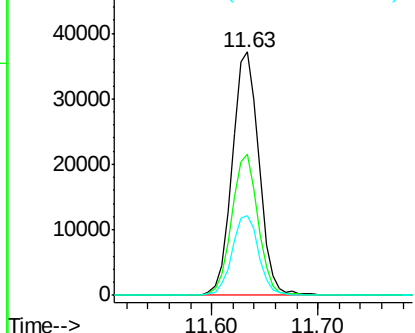
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012817.D
Acq: 09 Sep 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-1

Tot Ion:117 Resp: 65505
Ion Ratio Lower Upper
117 100
82 58.0 48.2 72.4
119 32.9 25.8 38.6

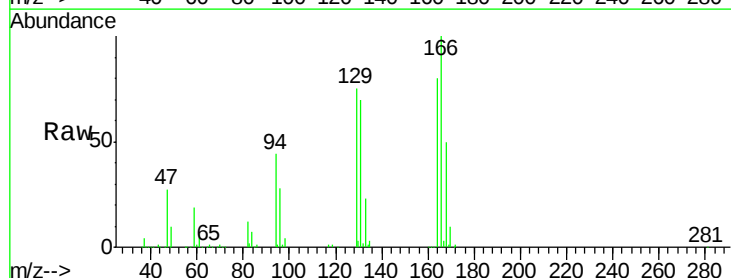


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

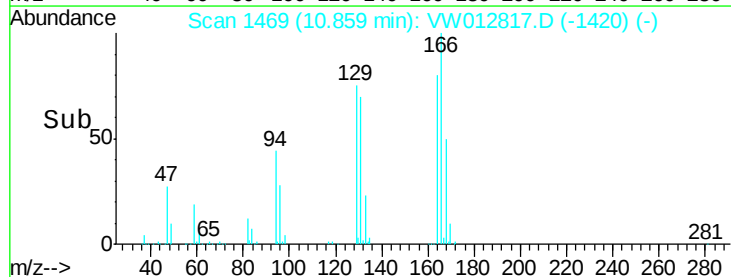
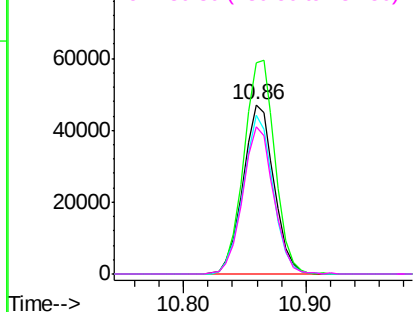


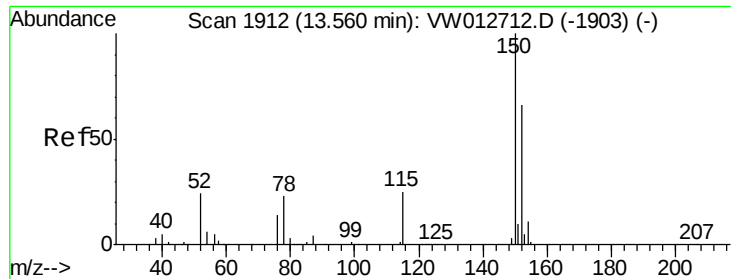
#64
Tetrachloroethene
Concen: 208.053 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012817.D
Acq: 09 Sep 2019 13:23

Tgt Ion:164 Resp: 82695
Ion Ratio Lower Upper
164 100
166 124.8 103.6 155.4
129 93.4 74.6 112.0
131 86.8 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VW012817.D

Acq: 09 Sep 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-1

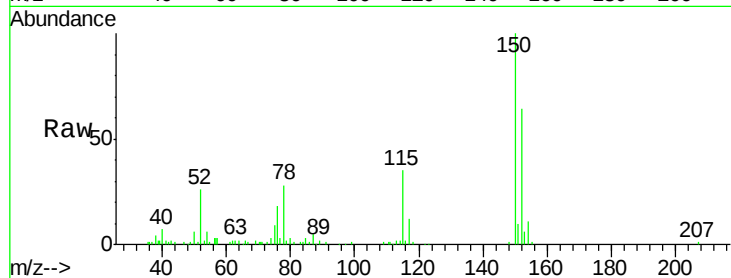
Tot Ion:152 Resp: 18553

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.1

150 155.5 0.0 349.0



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

