

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012184.D
 Acq On : 26 Aug 2019 21:15
 Operator : SY/VA
 Sample : K4450-04RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-(A-C)RE

Quant Time: Aug 27 06:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

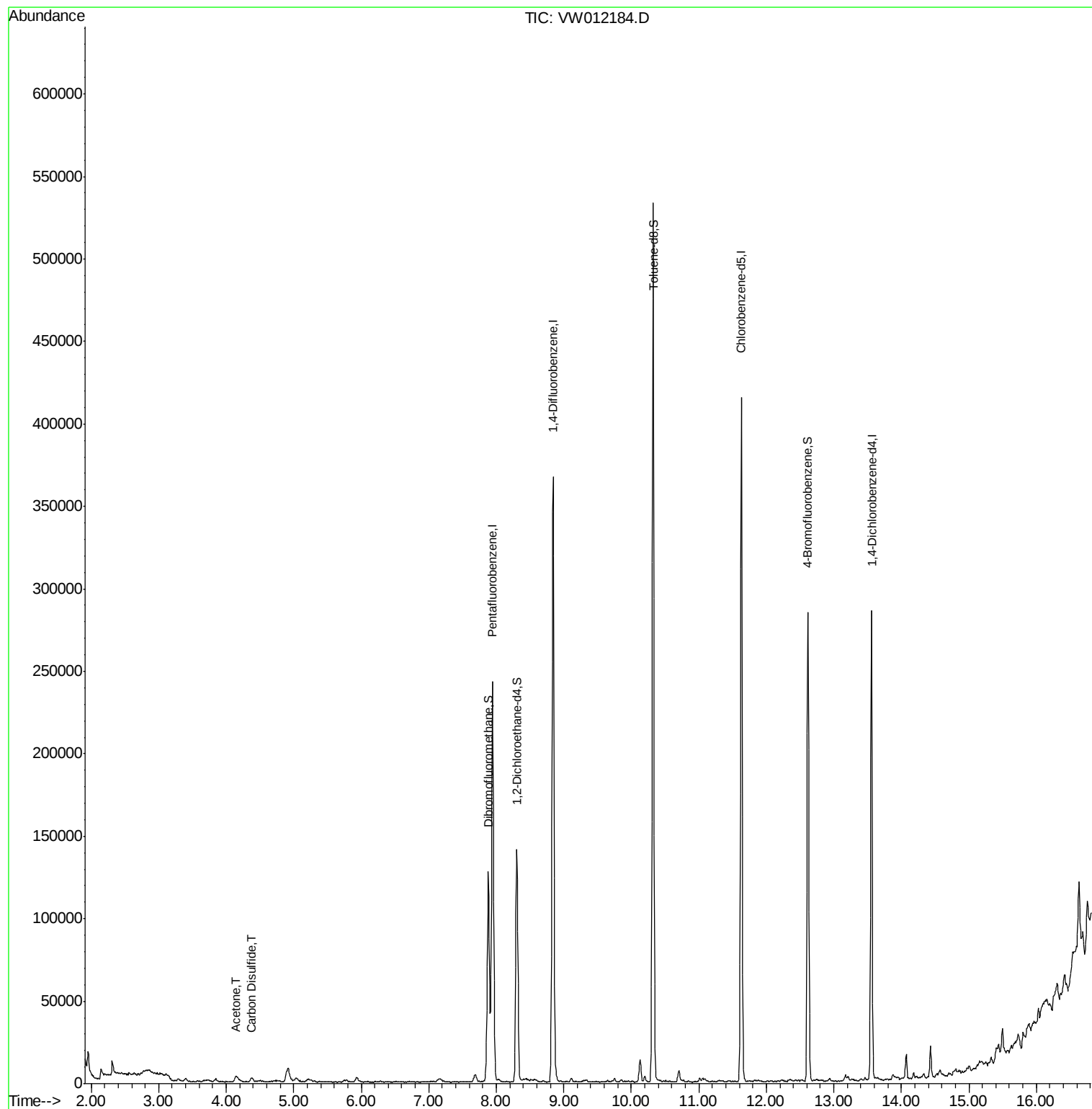
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	282570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112439	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
35) Dibromofluoromethane	7.88	113	88940	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	332506	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	92904	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
16) Acetone	4.14	43	7096	13.763	ug/l	95
17) Carbon Disulfide	4.38	76	5709	1.110	ug/l	96

(#) = 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: VW012184.D

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MSVOA_W

ClientSampleId :

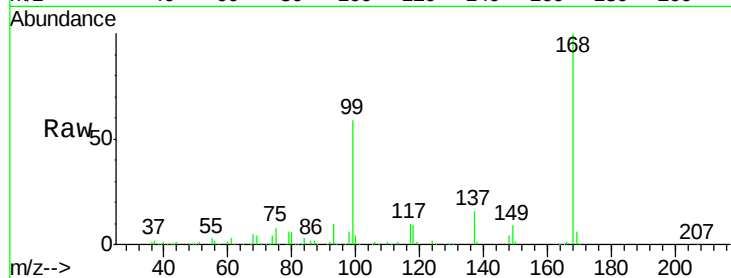
WC-(A-C)RE

Tot Ion:168 Resp: 169672

Ion Ratio Lower Upper

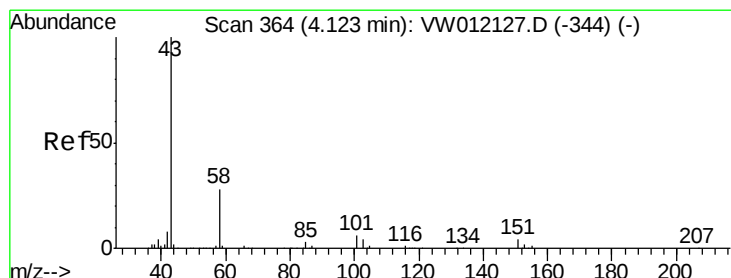
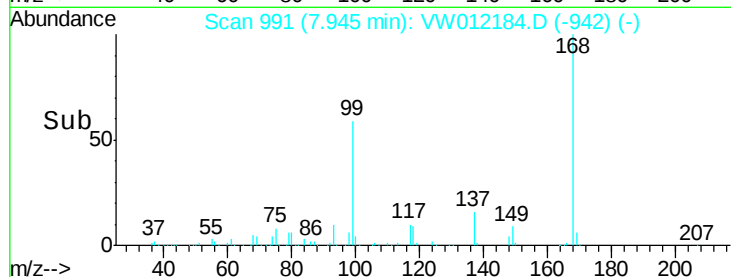
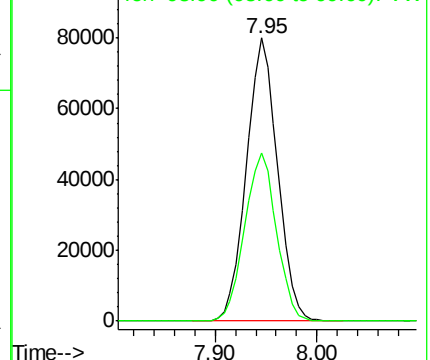
168 100

99 59.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.763 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012184.D

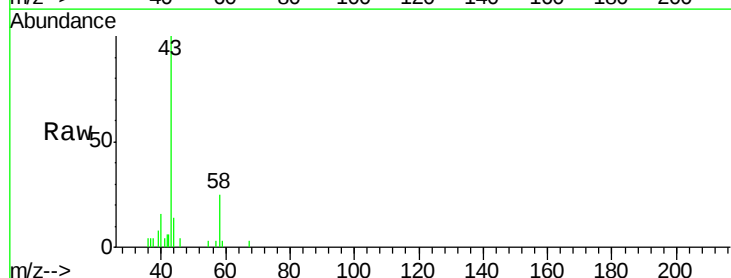
Acq: 26 Aug 2019 21:15

Tgt Ion: 43 Resp: 7096

Ion Ratio Lower Upper

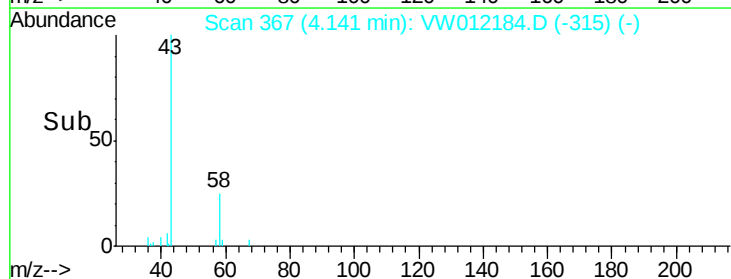
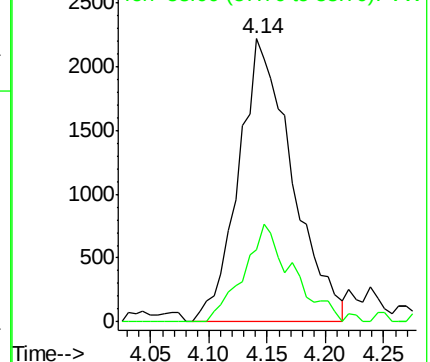
43 100

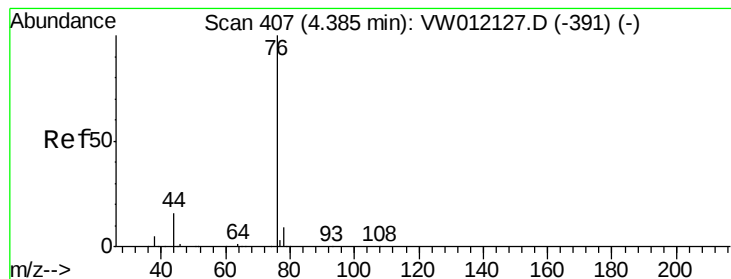
58 25.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.110 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012184.D

Acq: 26 Aug 2019 21:15

Instrument :

MSVOA_W

ClientSampleId :

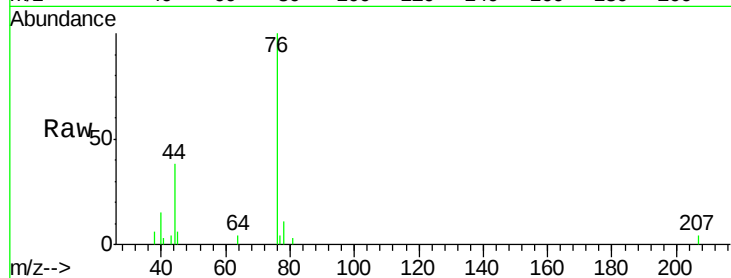
WC-(A-C)RE

Tot Ion: 76 Resp: 5709

Ion Ratio Lower Upper

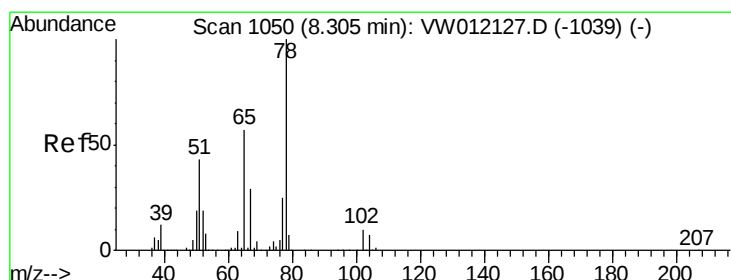
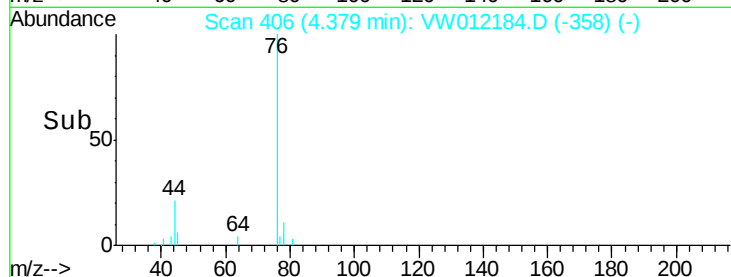
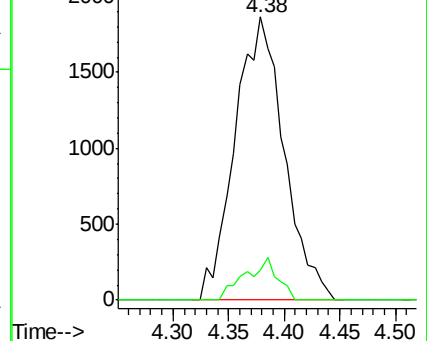
76 100

78 10.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.746 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012184.D

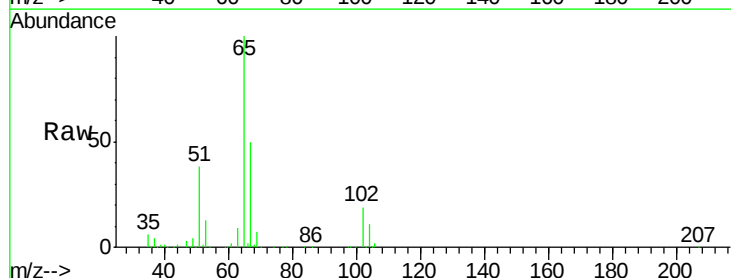
Acq: 26 Aug 2019 21:15

Tgt Ion: 65 Resp: 112439

Ion Ratio Lower Upper

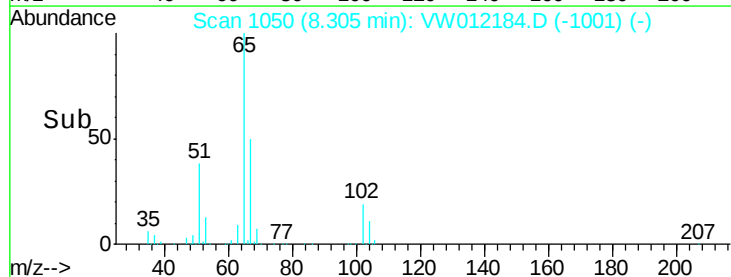
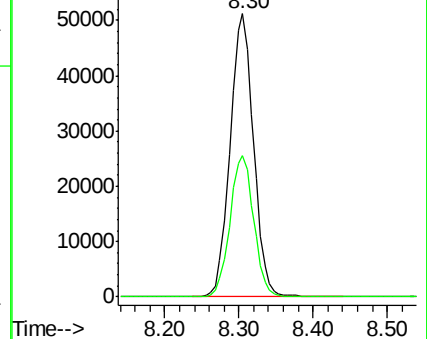
65 100

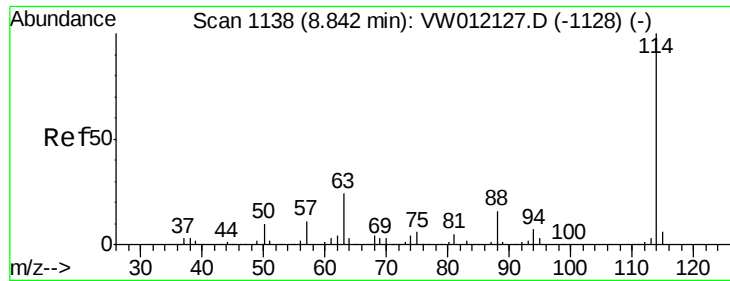
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

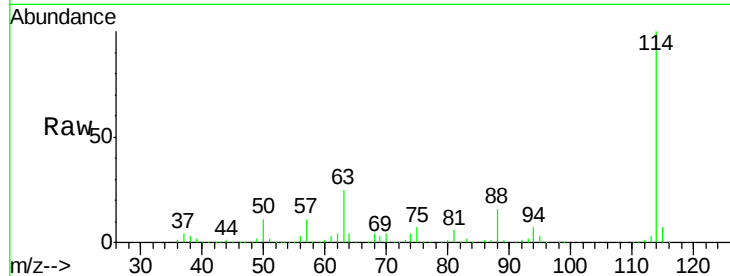




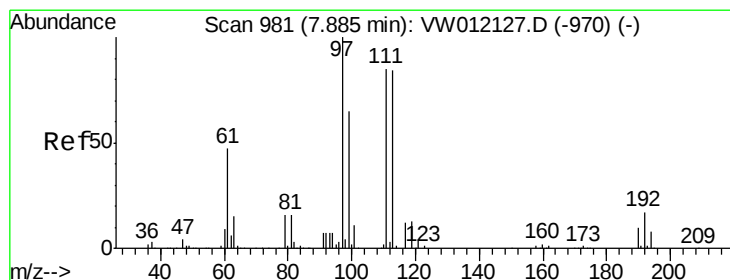
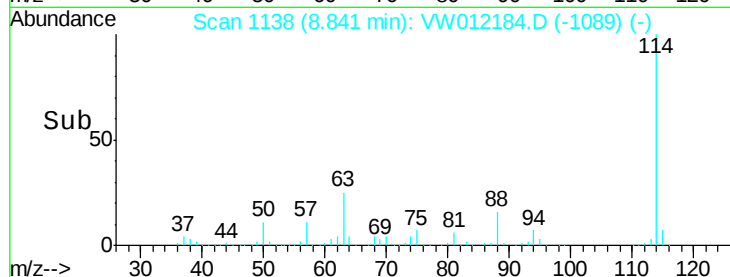
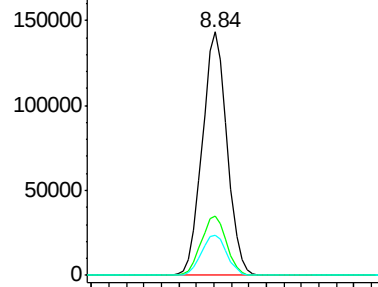
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012184.D
Acq: 26 Aug 2019 21:15

Instrument :
MSVOA_W
ClientSampleId :
WC-(A-C)RE

Tot Ion:114 Resp: 282570
Ion Ratio Lower Upper
114 100
63 24.6 0.0 48.6
88 16.4 0.0 32.2

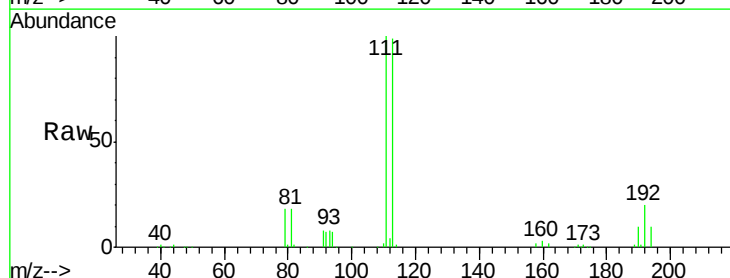


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

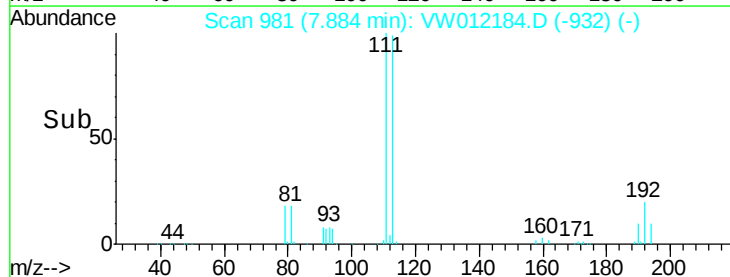
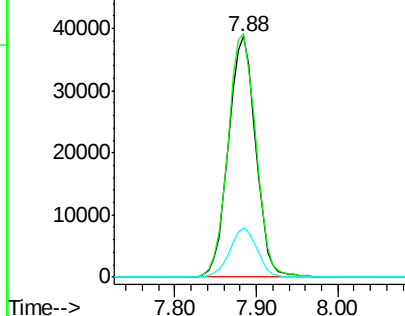


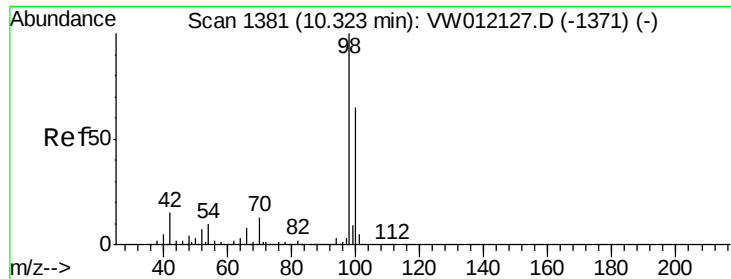
#35
Dibromofluoromethane
Concen: 52.731 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012184.D
Acq: 26 Aug 2019 21:15

Tgt Ion:113 Resp: 88940
Ion Ratio Lower Upper
113 100
111 103.5 82.7 124.1
192 20.2 16.2 24.2



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: 48.619 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012184.D

Acq: 26 Aug 2019 21:15

Instrument :

MSVOA_W

ClientSampleId :

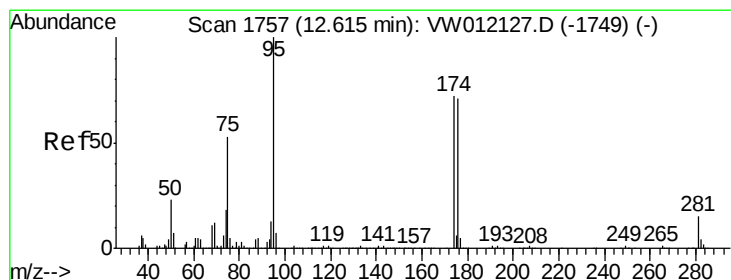
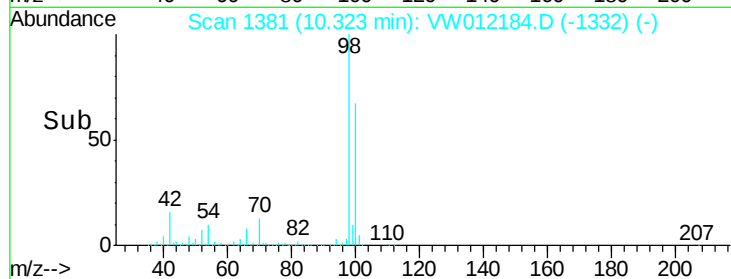
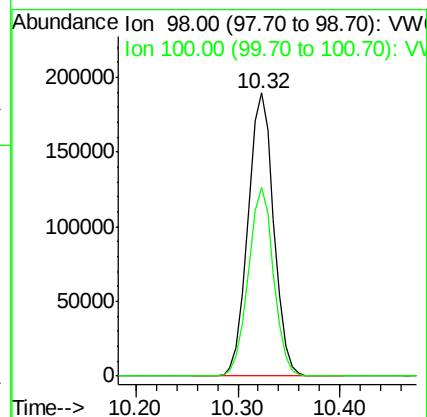
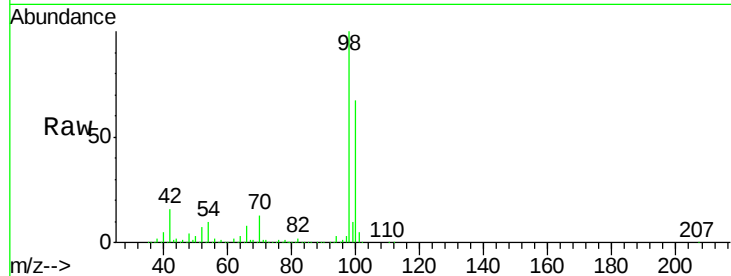
WC-(A-C)RE

Tot Ion: 98 Resp: 332506

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 38.538 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012184.D

Acq: 26 Aug 2019 21:15

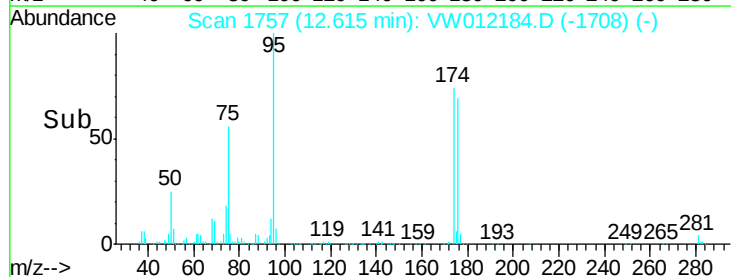
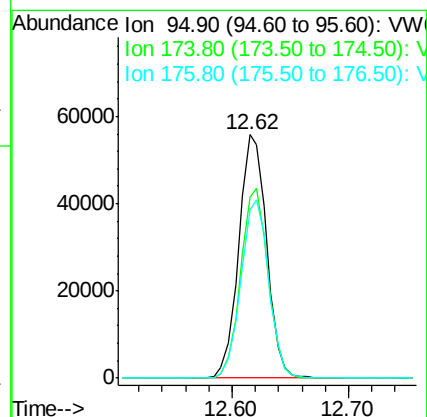
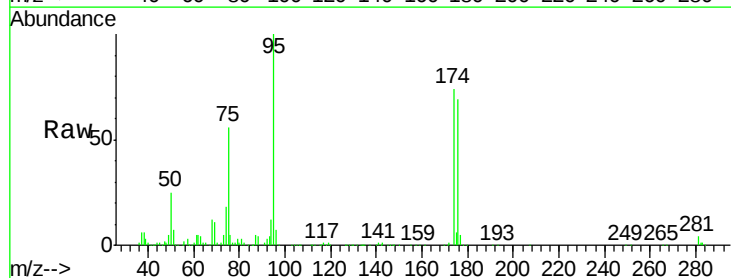
Tgt Ion: 95 Resp: 92904

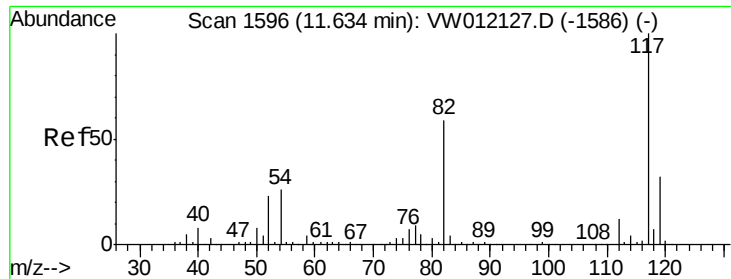
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

176 73.2 0.0 148.6

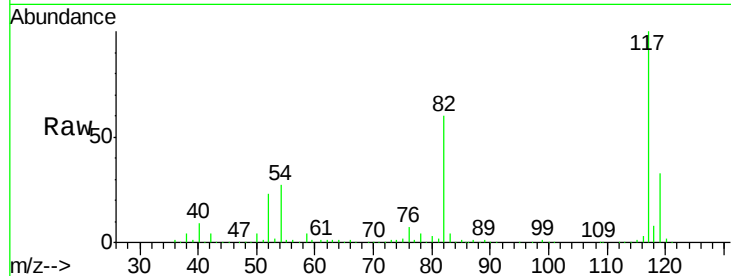




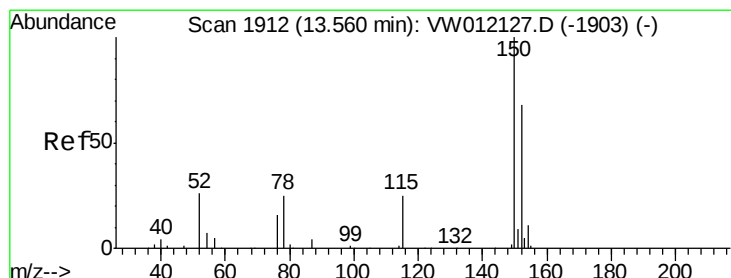
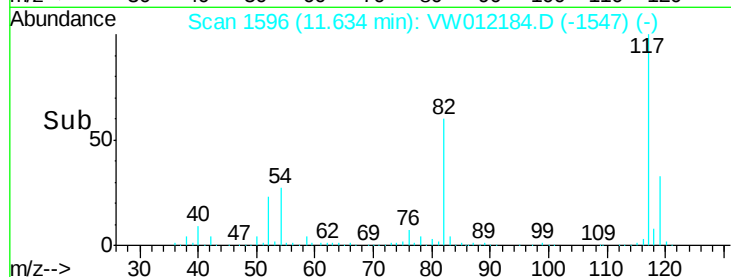
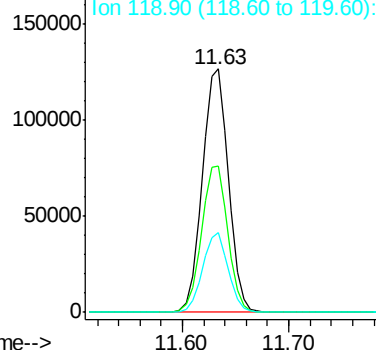
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012184.D
Acq: 26 Aug 2019 21:15

Instrument :
MSVOA_W
ClientSampleId :
WC-(A-C)RE

Tot Ion:117 Resp: 218316
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 33.0 25.4 38.2

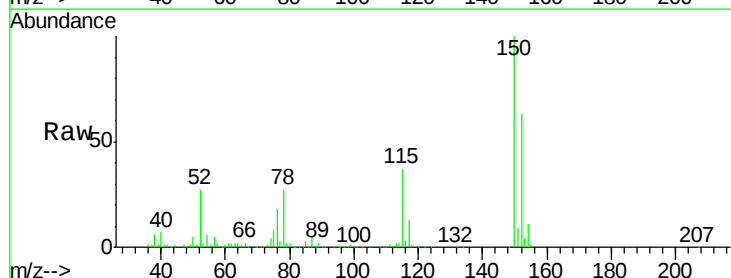


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012184.D
Acq: 26 Aug 2019 21:15

Tgt Ion:152 Resp: 71348
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 159.1 0.0 345.8



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

