

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010649.D
 Acq On : 31 May 2019 20:59
 Operator : SY/VA
 Sample : K3109-02RE
 Misc : 4.06G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-006RE

Quant Time: Jun 01 06:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

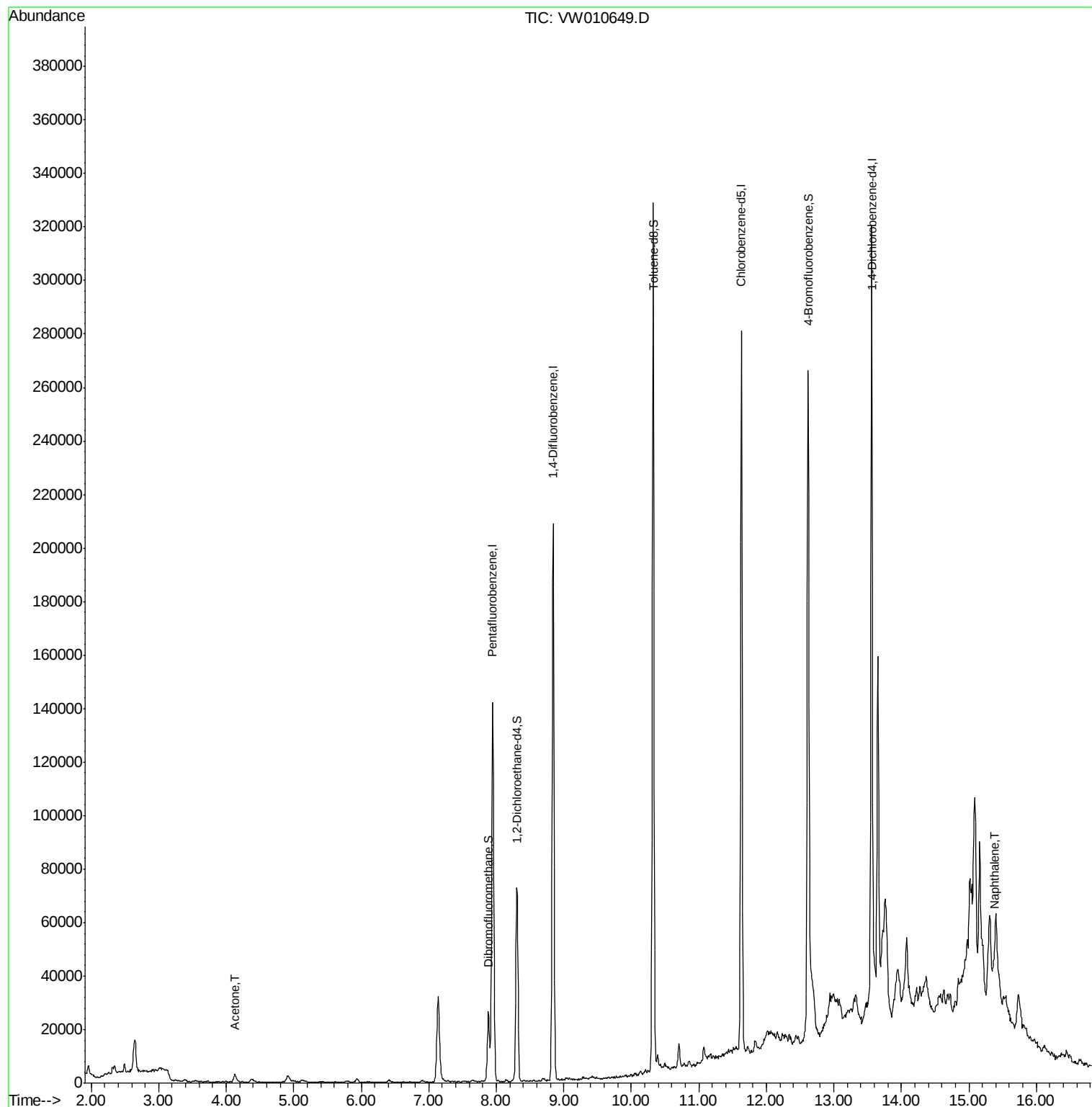
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	56411	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.88	113	19275	17.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.30%	
50) Toluene-d8	10.32	98	224497	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	88128	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
16) Acetone	4.12	43	5546	24.102	ug/l	91
95) Naphthalene	15.37	128	7587	2.169	ug/l #	93

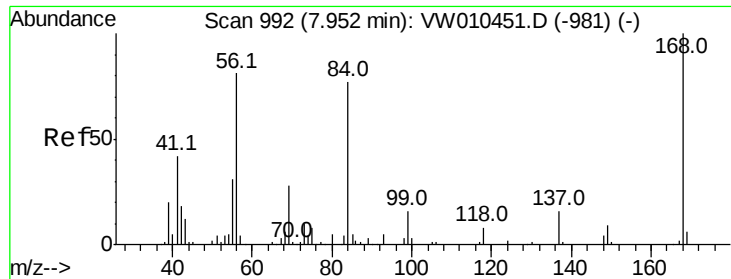
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

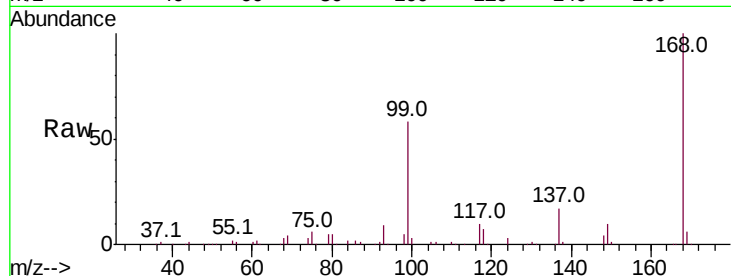
FK-0D015-03-006RE

Tot Ion:168 Resp: 109216

Ion Ratio Lower Upper

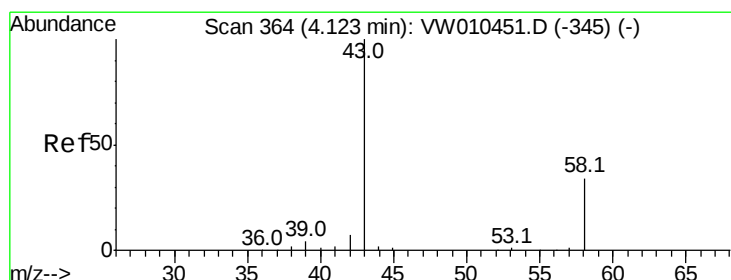
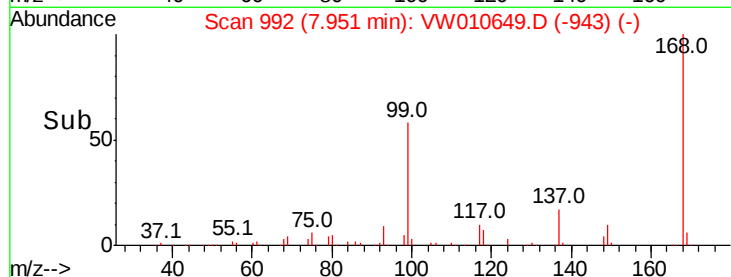
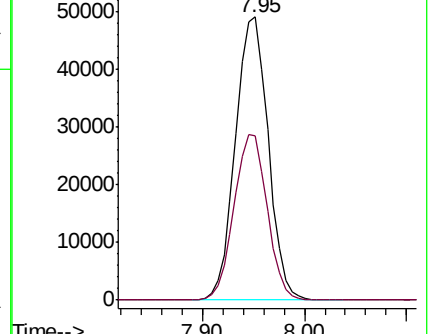
168 100

99 58.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 24.102 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010649.D

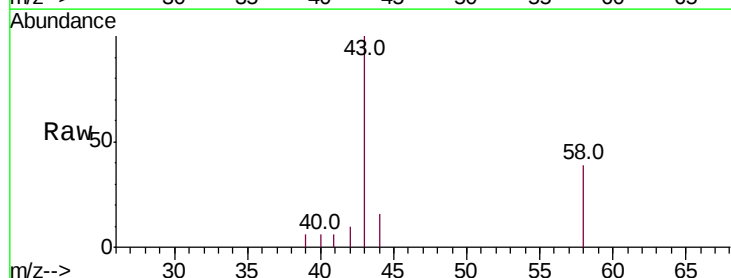
Acq: 31 May 2019 20:59

Tgt Ion: 43 Resp: 5546

Ion Ratio Lower Upper

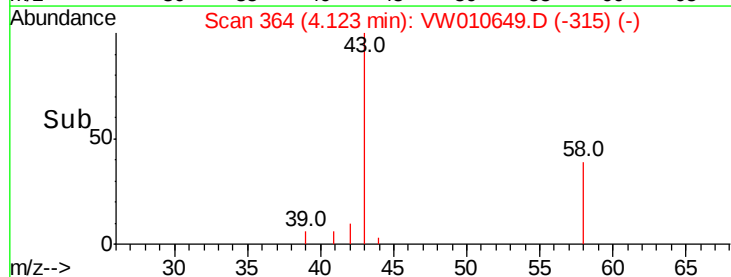
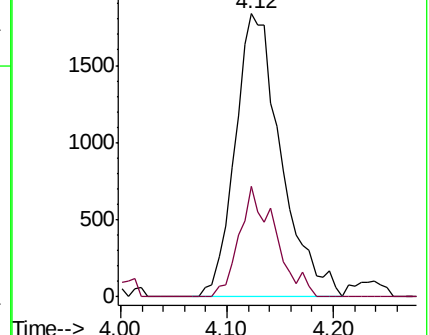
43 100

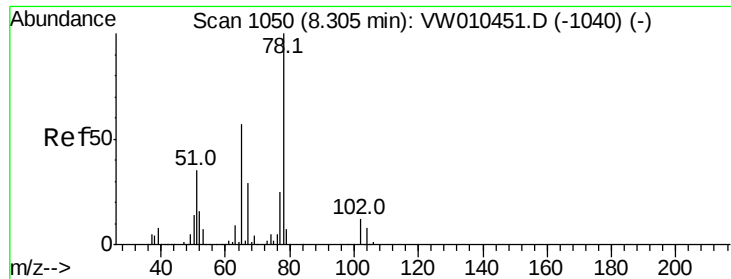
58 39.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 50.041 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010649.D

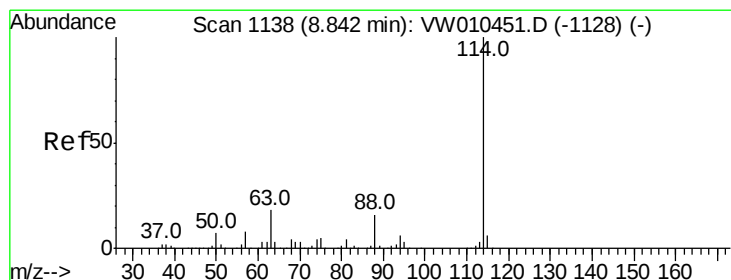
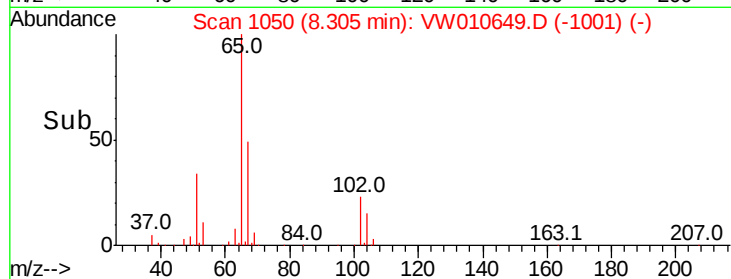
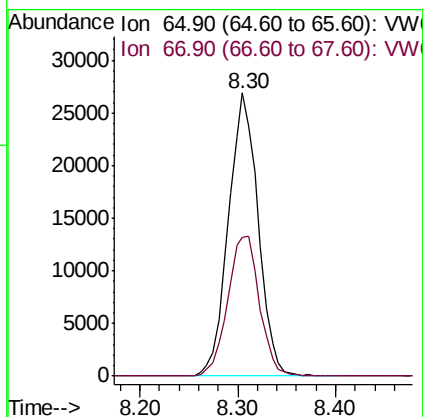
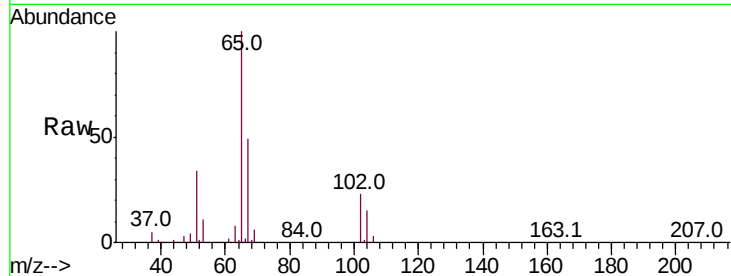
Acq: 31 May 2019 20:59

Instrument :
MSVOA_W

ClientSampleId :
FK-0D015-03-006RE

Tot Ion: 65 Resp: 56411

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

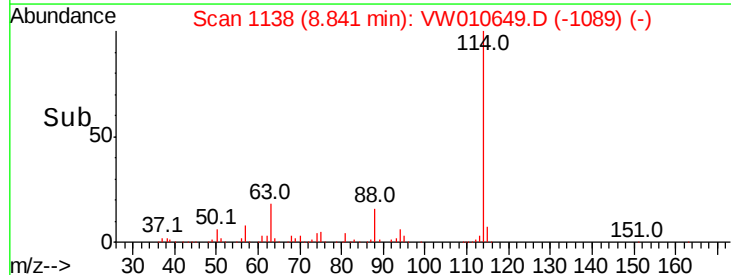
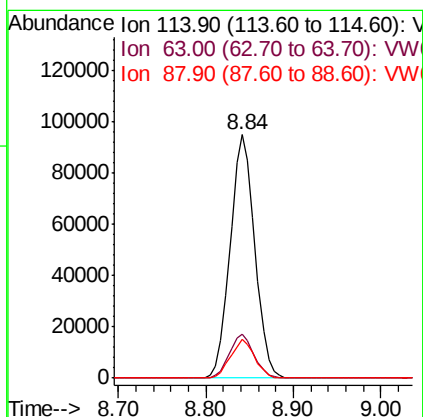
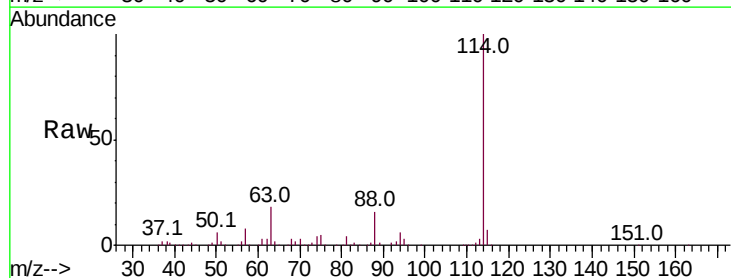
Delta R.T. -0.00 min

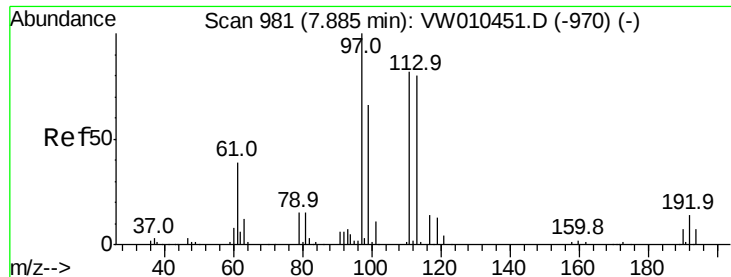
Lab File: VW010649.D

Acq: 31 May 2019 20:59

Tgt Ion: 114 Resp: 185266

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.0
88	15.8	0.0	32.0

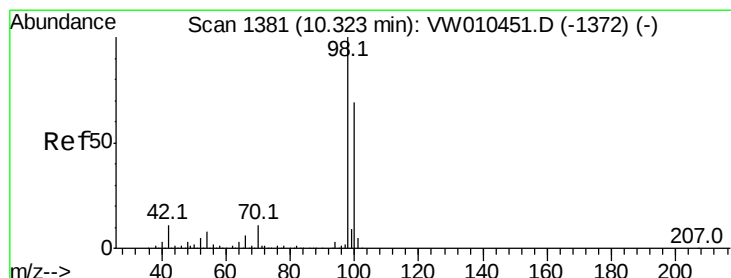
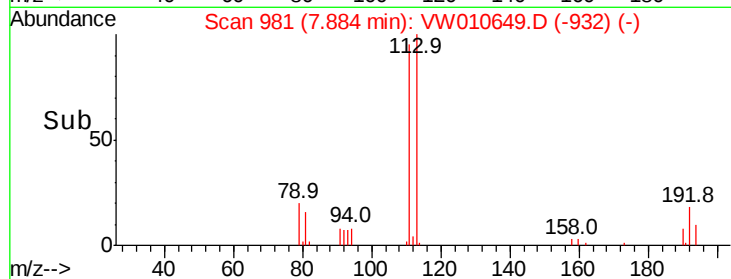
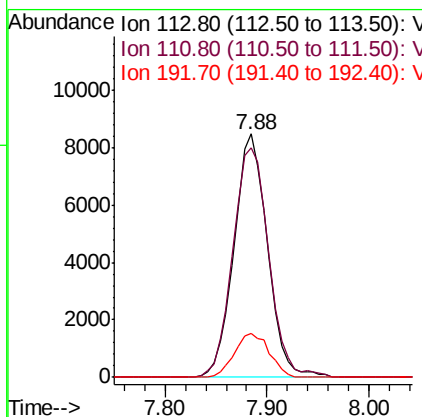
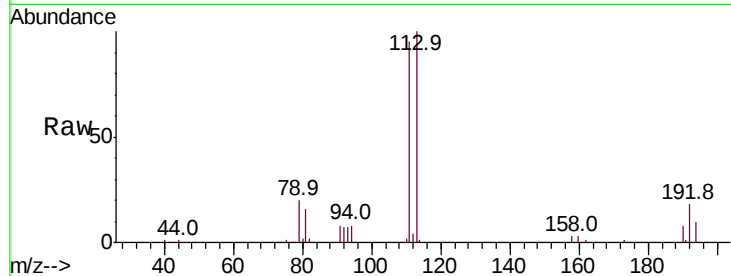




#35
 Dibromofluoromethane
 Concen: 17.146 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010649.D
 Acq: 31 May 2019 20:59

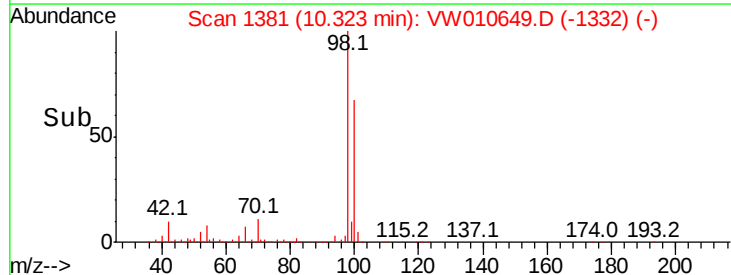
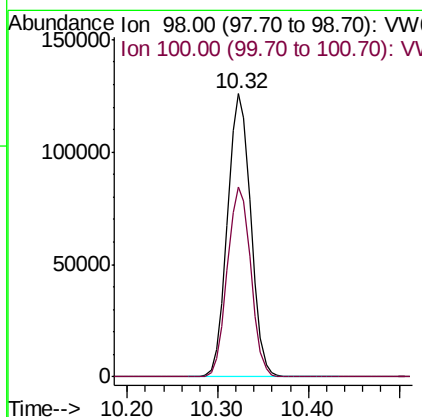
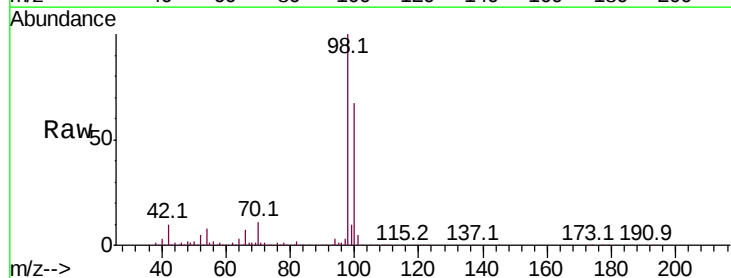
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-006RE

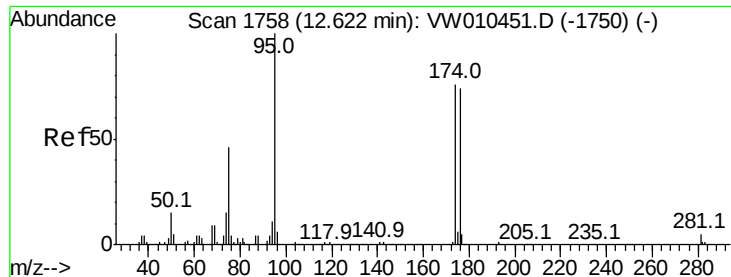
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	18.7	14.3	21.5



#50
 Toluene-d8
 Concen: 52.275 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010649.D
 Acq: 31 May 2019 20:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 51.519 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010649.D

Acq: 31 May 2019 20:59

Instrument :

MSVOA_W

ClientSampleId :

FK-0D015-03-006RE

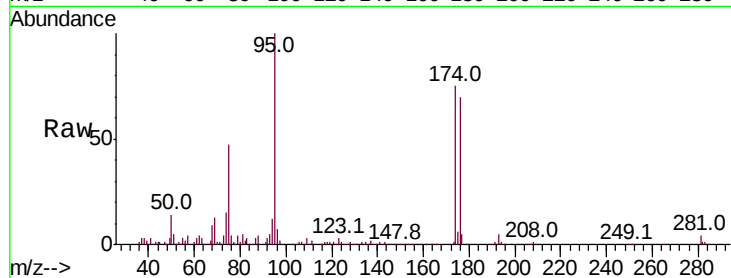
Tot Ion: 95 Resp: 88128

Ion Ratio Lower Upper

95 100

174 70.3 0.0 148.6

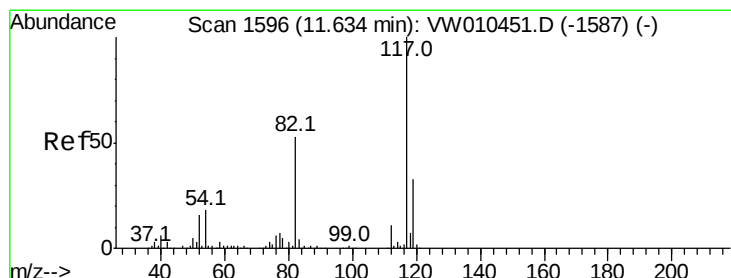
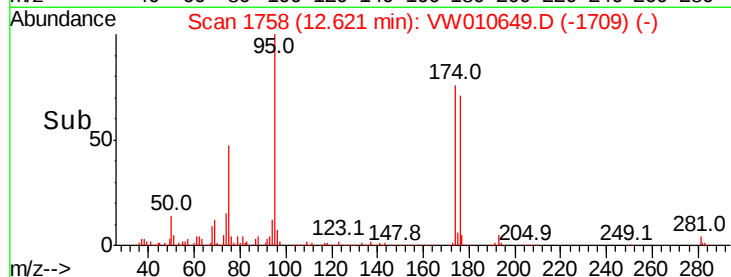
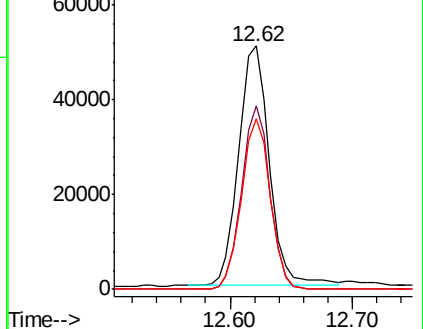
176 66.6 0.0 144.2



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: VW010649.D

Acq: 31 May 2019 20:59

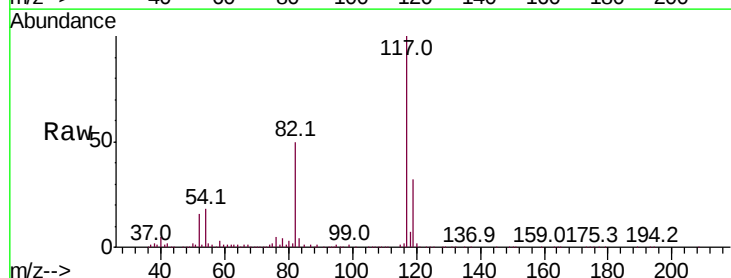
Tgt Ion: 117 Resp: 164039

Ion Ratio Lower Upper

117 100

82 49.7 42.8 64.2

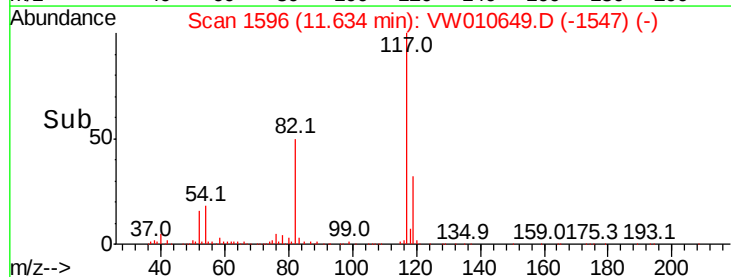
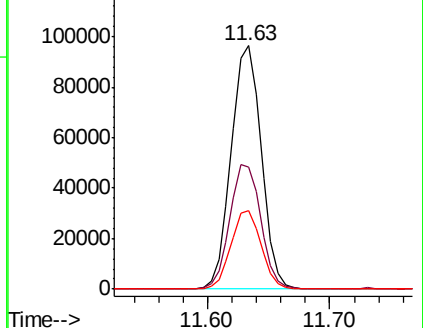
119 32.3 26.3 39.5

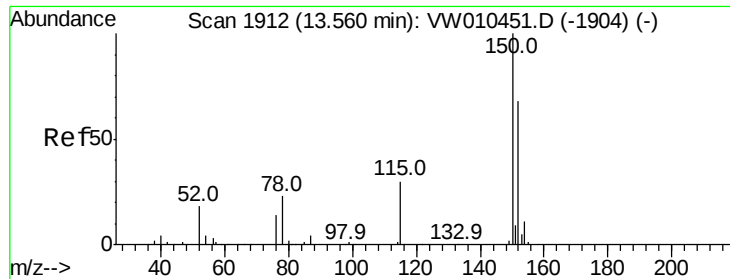


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



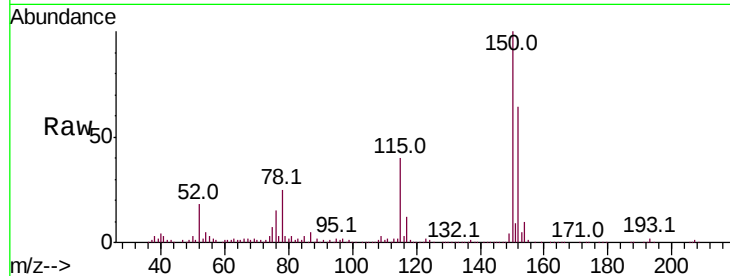


#72

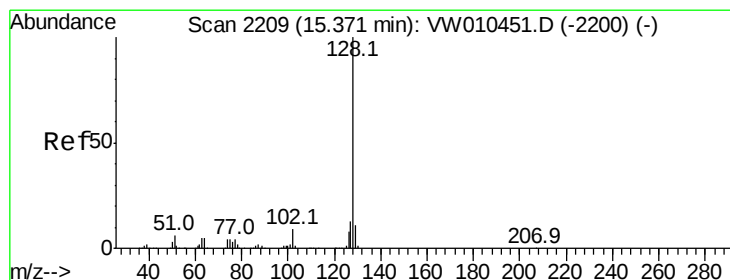
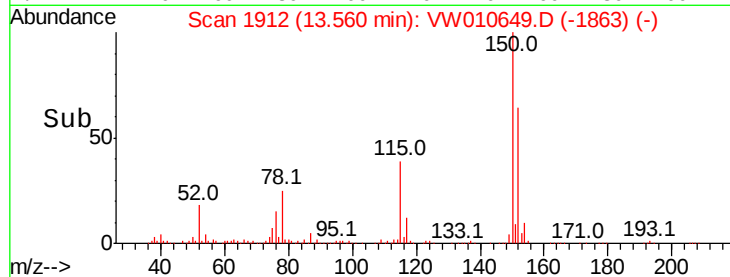
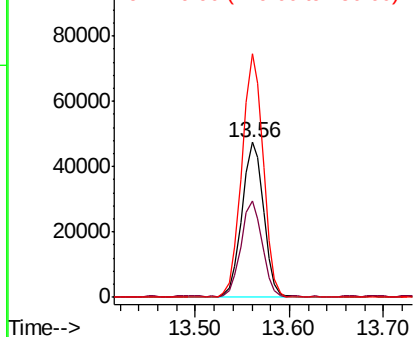
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010649.D
Acq: 31 May 2019 20:59

Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-006RE

Tot Ion:152 Resp: 77150
Ion Ratio Lower Upper
152 100
115 59.1 30.3 91.0
150 152.5 0.0 349.8



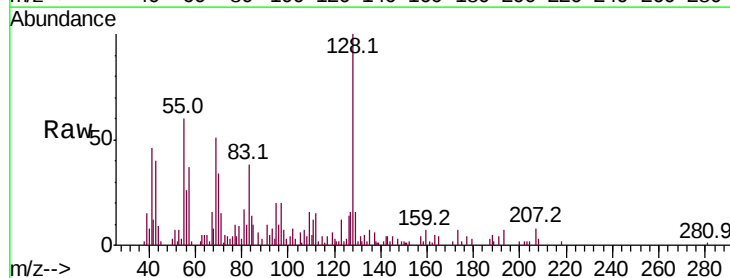
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.169 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010649.D
Acq: 31 May 2019 20:59

Tgt Ion:128 Resp: 7587
Ion Ratio Lower Upper
128 100
127 17.8 10.6 15.8#
129 10.1 8.9 13.3



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

