

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015230.D
 Acq On : 20 Apr 2020 18:25
 Operator : SY/VA
 Sample : L2330-03
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-10-1

Quant Time: Apr 21 07:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

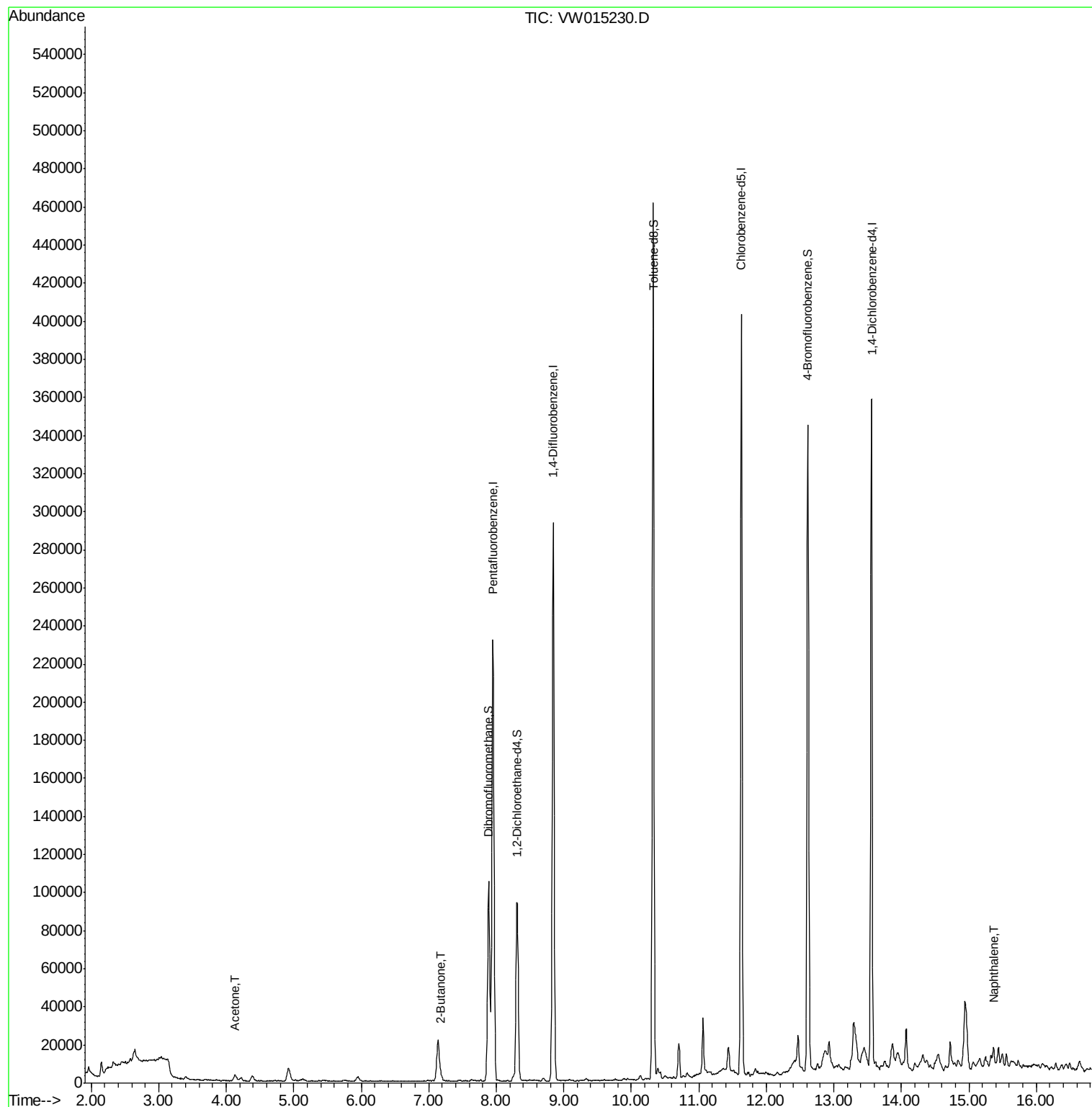
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	262047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73082	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	7.89	113	75279	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.32	98	315695	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	103288	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	4.13	43	5752	21.051	ug/l	97
25) 2-Butanone	7.18	43	4847	13.371	ug/l #	84
95) Naphthalene	15.36	128	9601	3.149	ug/l #	94

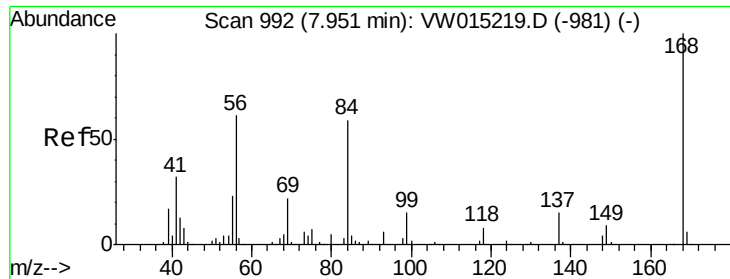
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015230.D

Acq: 20 Apr 2020 18:25

Instrument :

MSVOA_W

ClientSampleId :

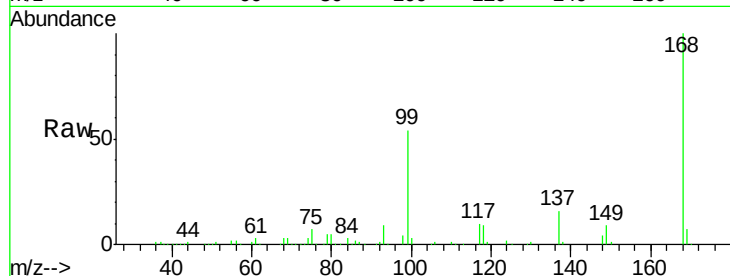
WB-10-1

Tot Ion:168 Resp: 191304

Ion Ratio Lower Upper

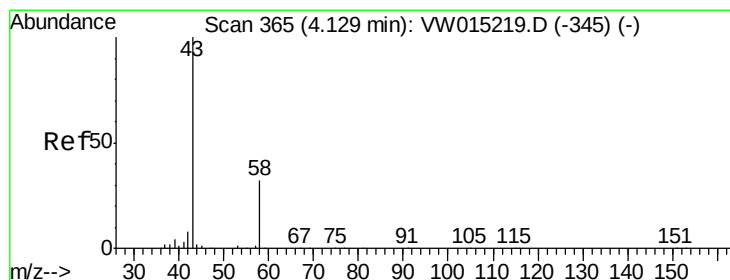
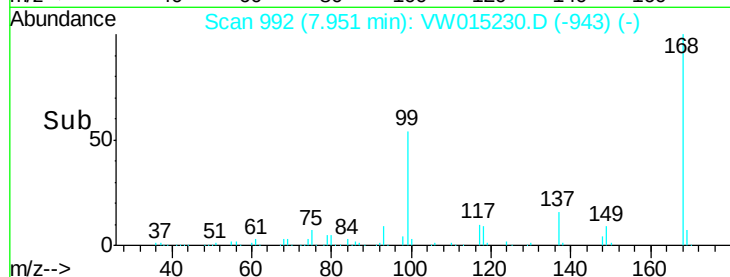
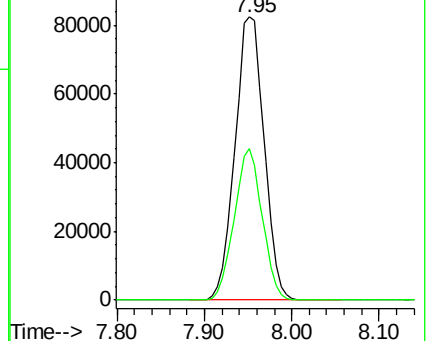
168 100

99 53.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.051 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015230.D

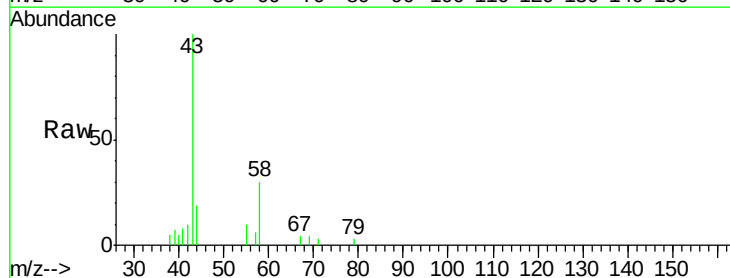
Acq: 20 Apr 2020 18:25

Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

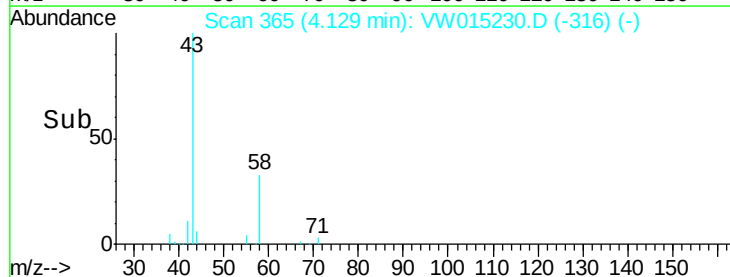
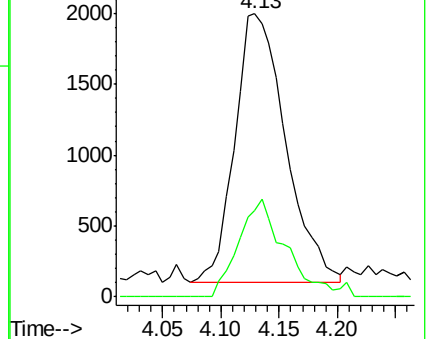
43 100

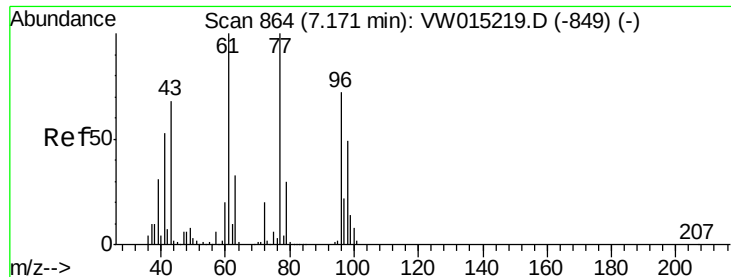
58 32.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 13.371 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015230.D

Acq: 20 Apr 2020 18:25

Instrument :

MSVOA_W

ClientSampled :

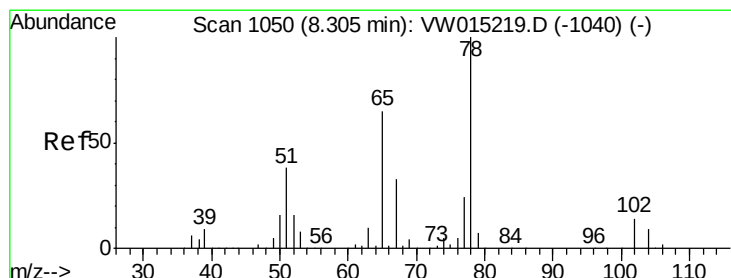
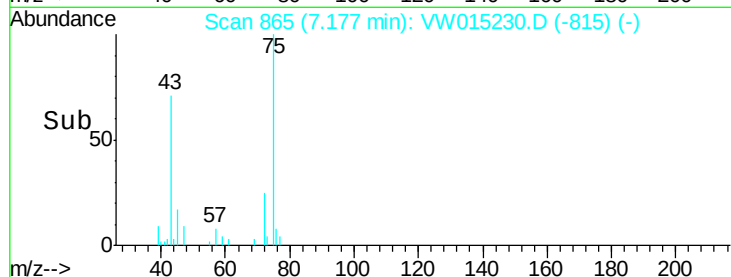
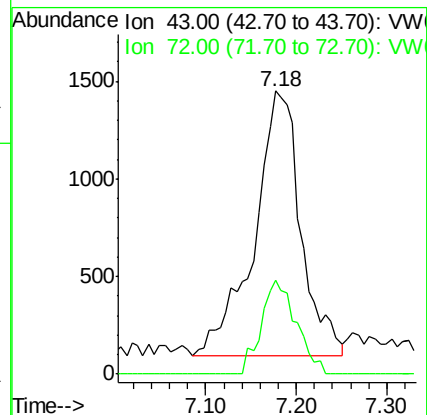
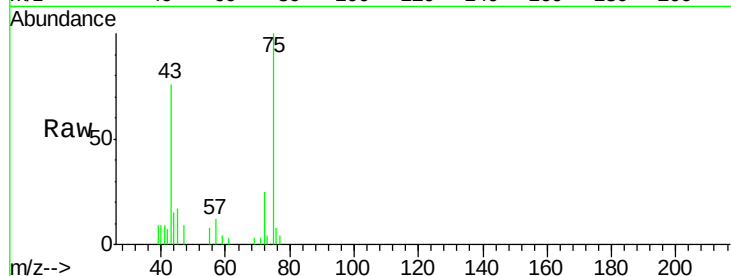
WB-10-1

Tot Ion: 43 Resp: 4847

Ion Ratio Lower Upper

43 100

72 35.4 21.6 32.4#



#33

1,2-Dichloroethane-d4

Concen: 46.716 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015230.D

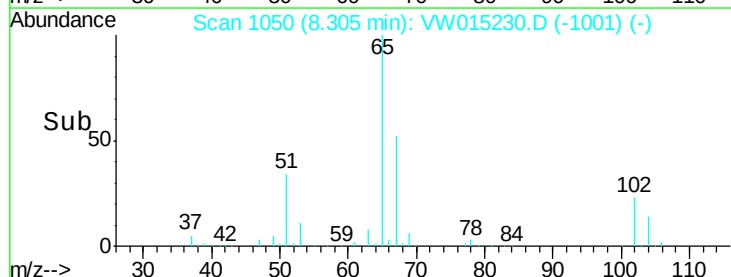
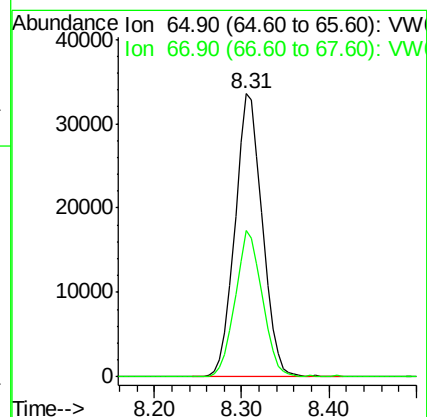
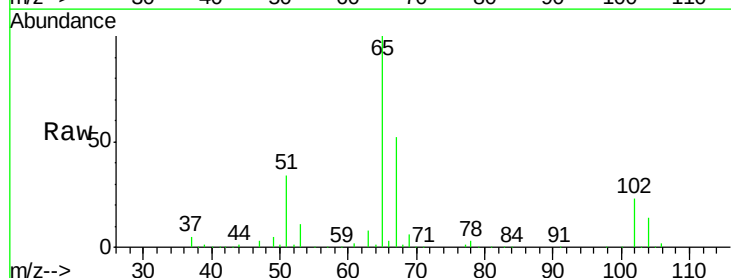
Acq: 20 Apr 2020 18:25

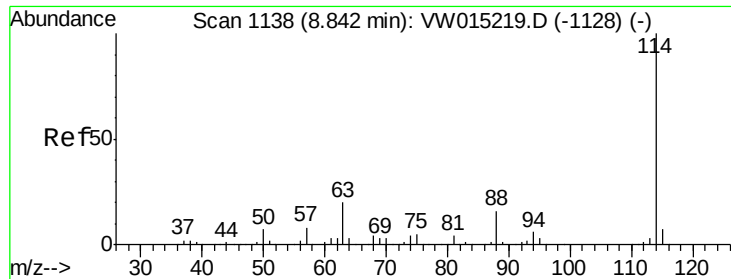
Tgt Ion: 65 Resp: 73082

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0

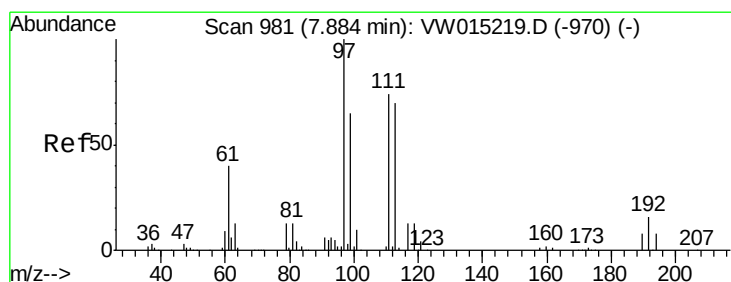
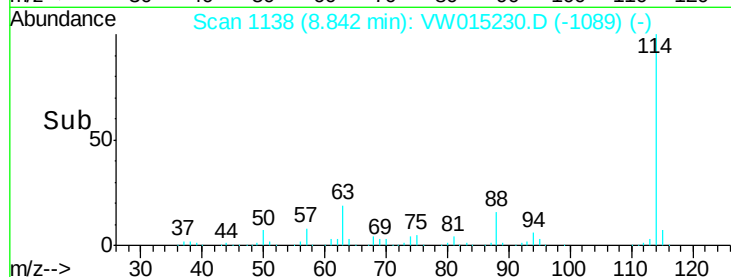
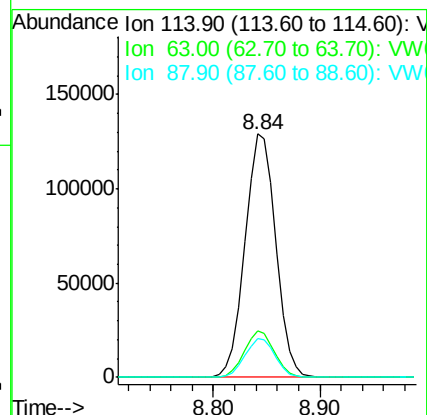
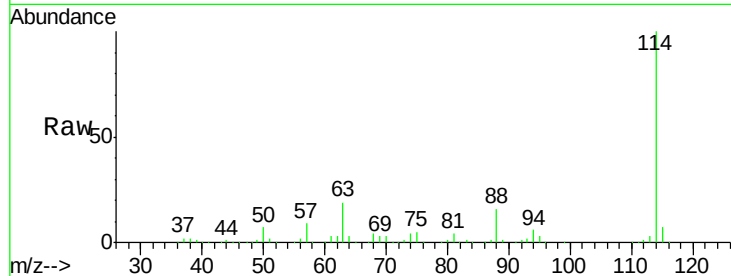




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW015230.D
Acq: 20 Apr 2020 18:25

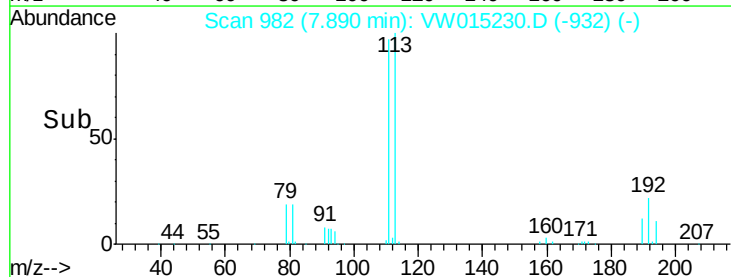
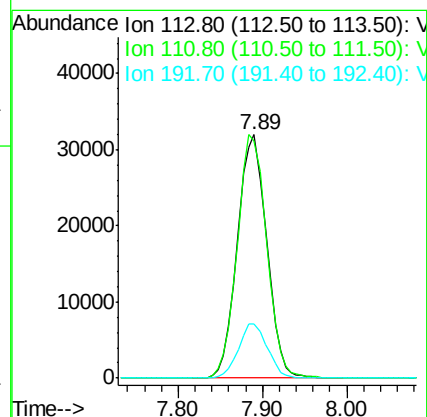
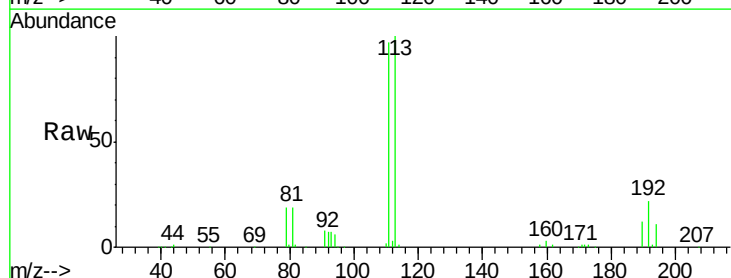
Instrument :
MSVOA_W
ClientSampleId :
WB-10-1

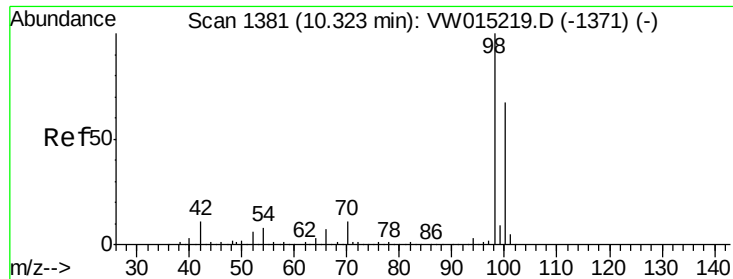
Tot Ion:114 Resp: 262047
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.8
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.862 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015230.D
Acq: 20 Apr 2020 18:25

Tgt Ion:113 Resp: 75279
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.4
192 22.1 15.1 22.7





#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015230.D

Acq: 20 Apr 2020 18:25

Instrument :

MSVOA_W

ClientSampled :

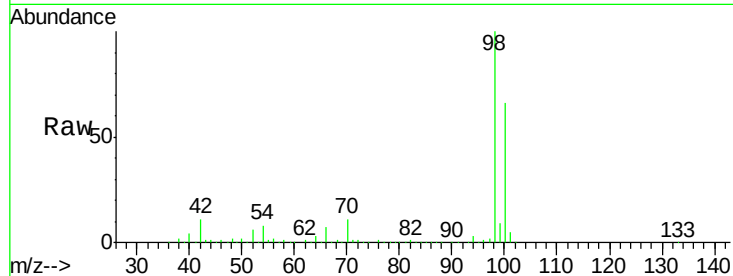
WB-10-1

Tot Ion: 98 Resp: 315695

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

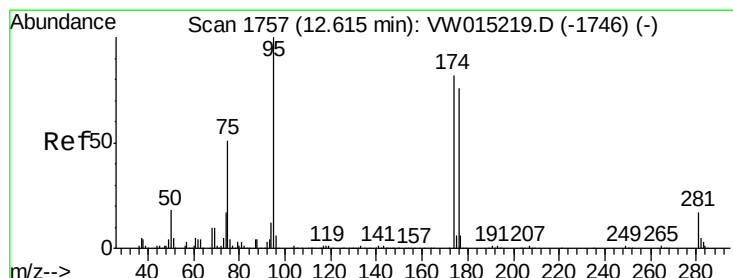
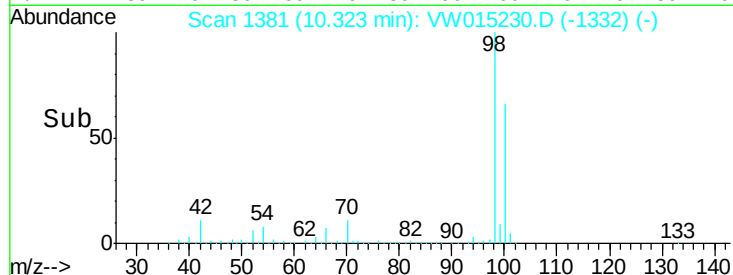
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.334 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015230.D

Acq: 20 Apr 2020 18:25

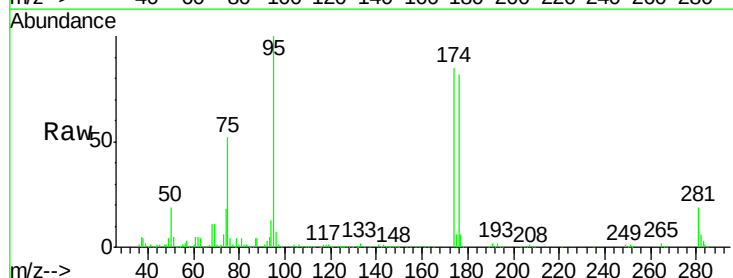
Tgt Ion: 95 Resp: 103288

Ion Ratio Lower Upper

95 100

174 88.9 0.0 144.4

176 86.0 0.0 140.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

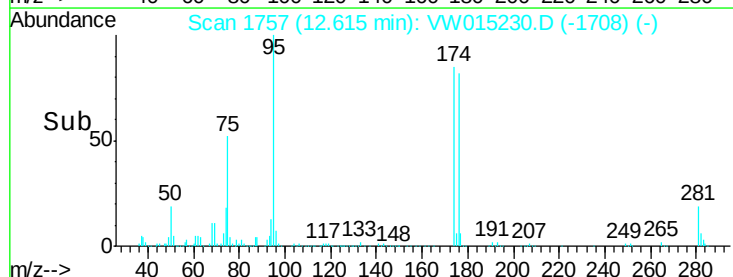
60000

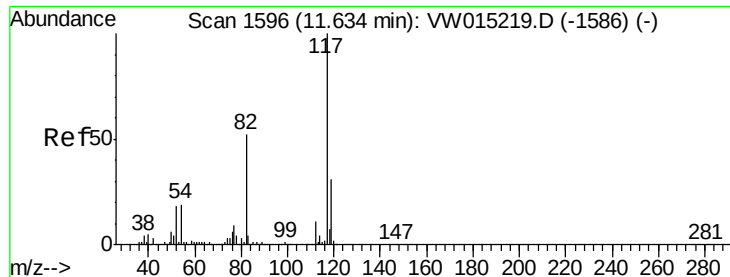
40000

20000

0

Time-->

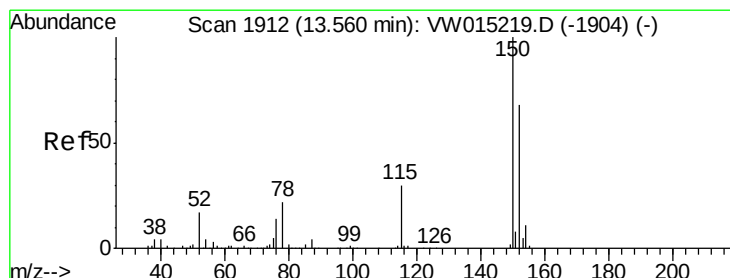
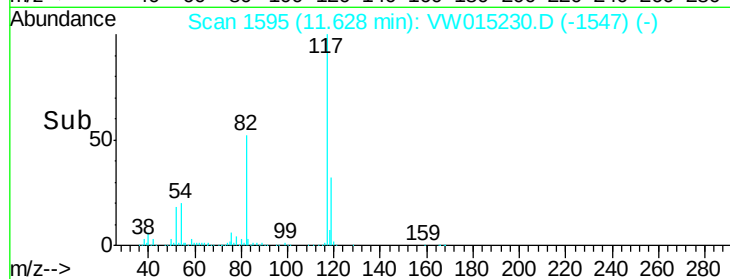
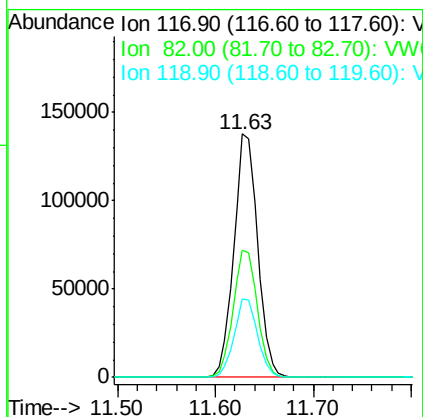
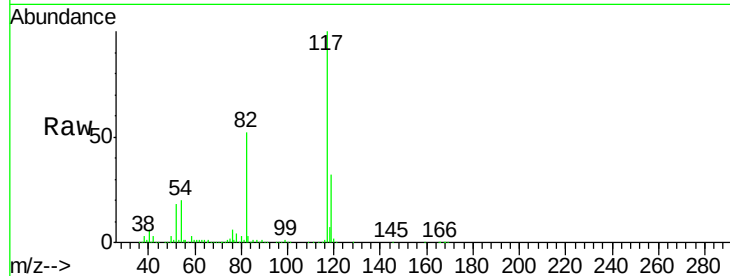




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015230.D
Acq: 20 Apr 2020 18:25

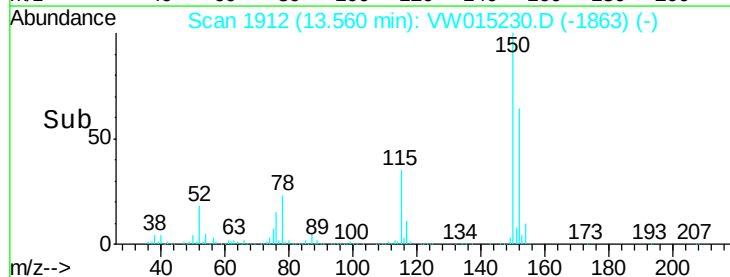
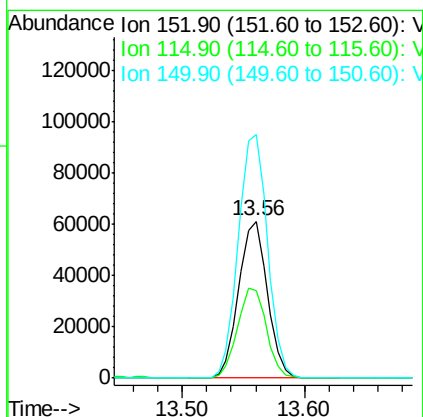
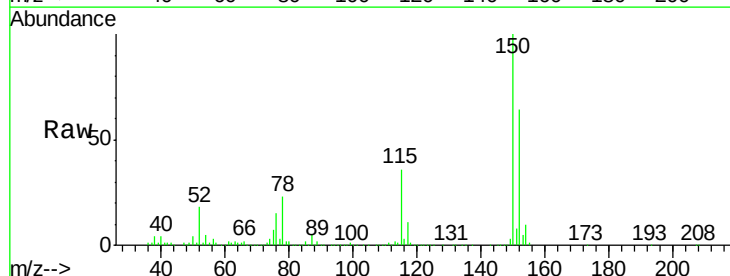
Instrument :
MSVOA_W
ClientSampleId :
WB-10-1

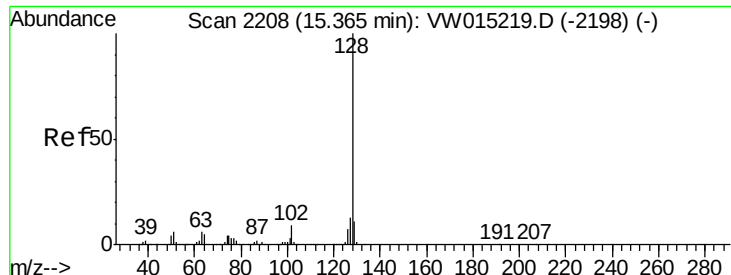
Tot Ion:117 Resp: 233075
Ion Ratio Lower Upper
117 100
82 52.0 44.1 66.1
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015230.D
Acq: 20 Apr 2020 18:25

Tgt Ion:152 Resp: 99155
Ion Ratio Lower Upper
152 100
115 57.4 31.3 93.9
150 159.0 0.0 343.4

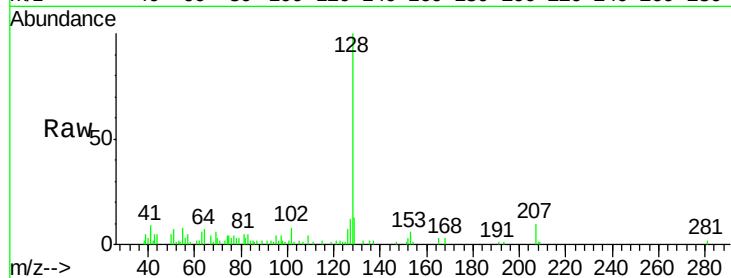




#95
Naphthalene
Concen: 3.149 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015230.D
Acq: 20 Apr 2020 18:25

Instrument :
MSVOA_W
ClientSampleId :
WB-10-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	13.6	8.6	12.8



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

