

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013448.D
 Acq On : 04 Oct 2019 19:12
 Operator : SY/VA
 Sample : K5141-01
 Misc : 8.07G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-100419

Quant Time: Oct 05 07:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

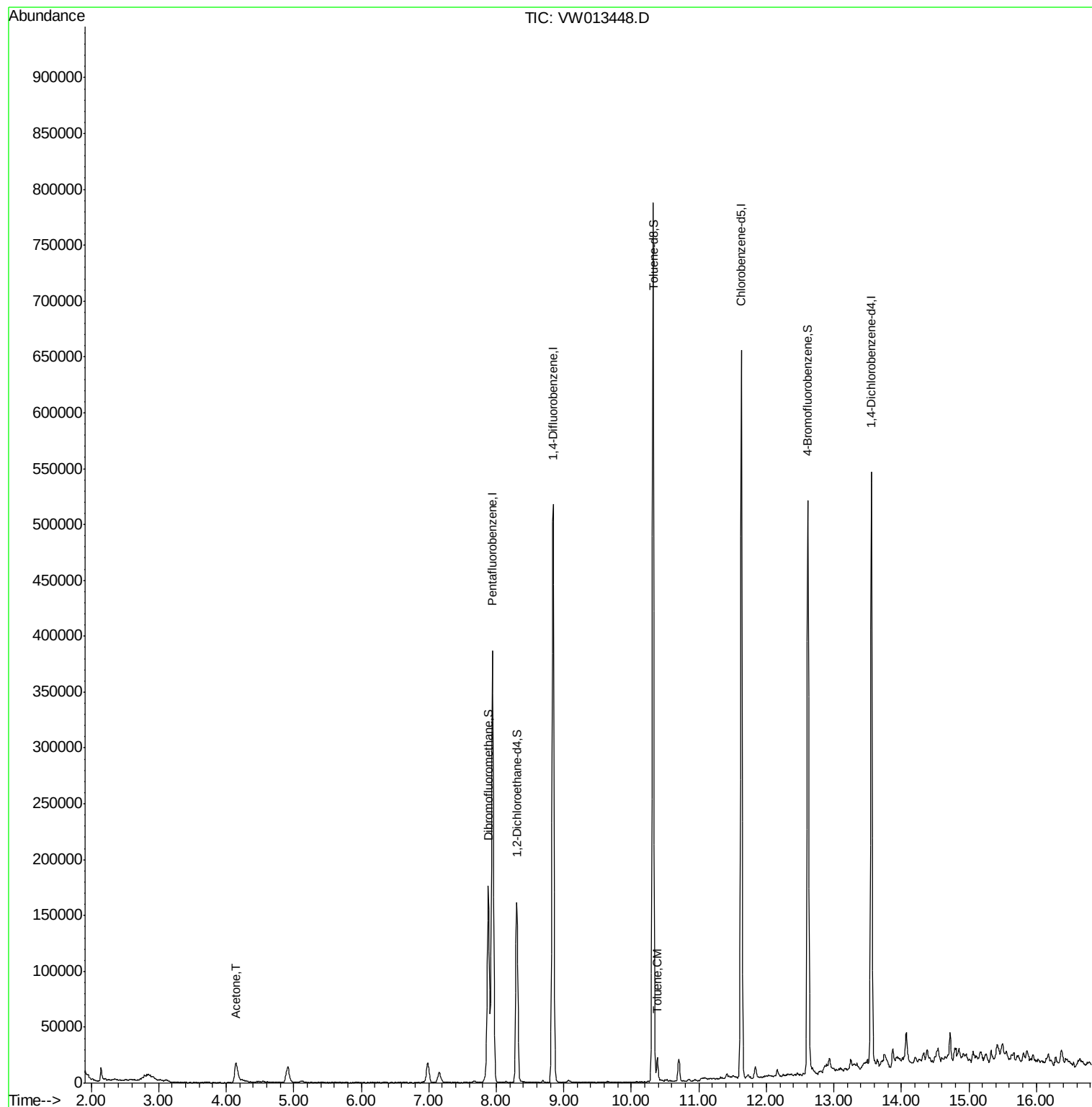
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	321749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125329	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	129492	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	10.32	98	537860	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	165594	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
16) Acetone	4.15	43	46561	63.229	ug/l	99
52) Toluene	10.38	92	9314	1.156	ug/l	99

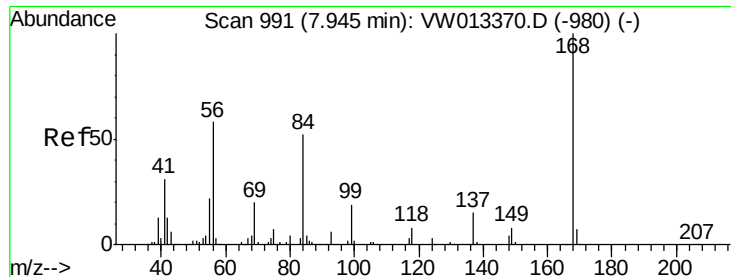
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013448.D

Acq: 04 Oct 2019 19:12

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MSVOA_W

ClientSampleId :

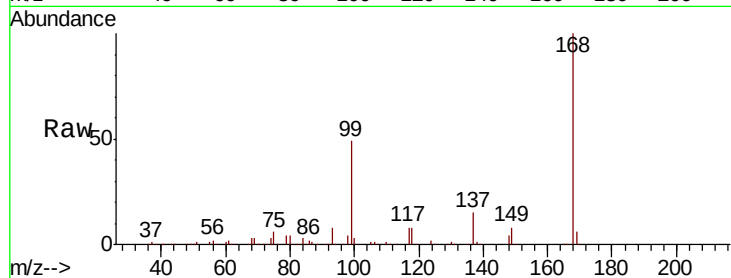
JC-02-100419

Tot Ion:168 Resp: 321749

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

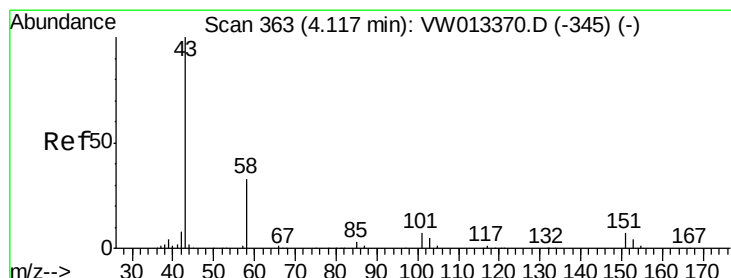
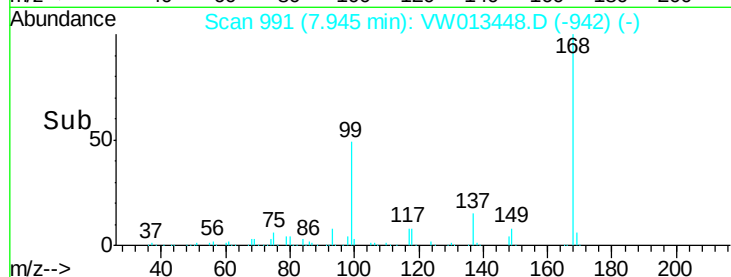
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 63.229 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013448.D

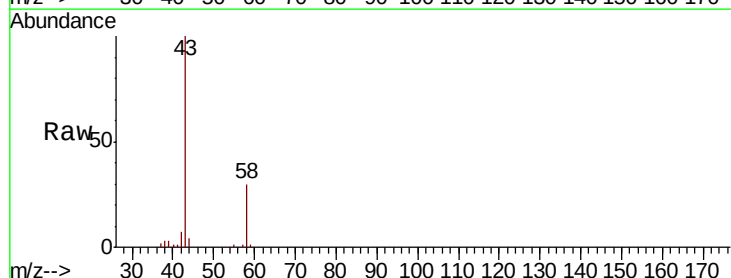
Acq: 04 Oct 2019 19:12

Tgt Ion: 43 Resp: 46561

Ion Ratio Lower Upper

43 100

58 29.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

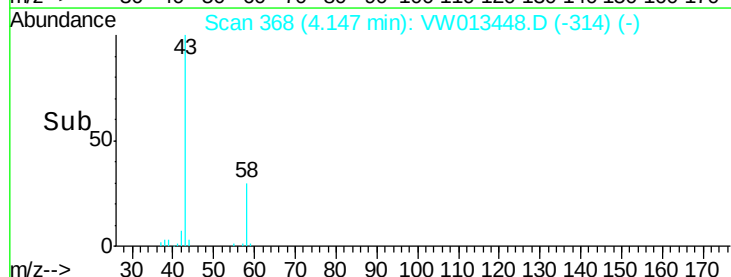
4.15

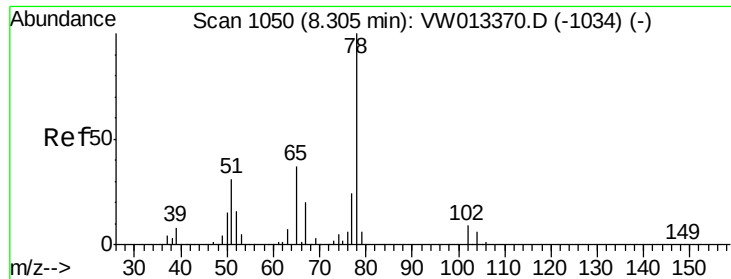
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

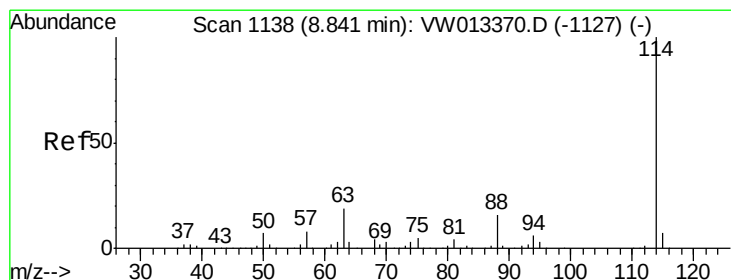
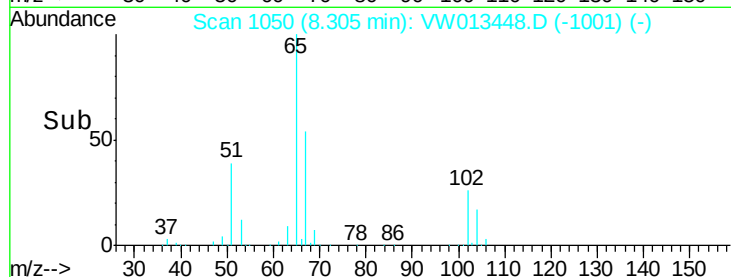
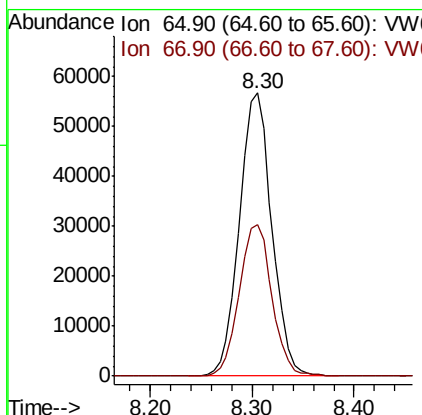
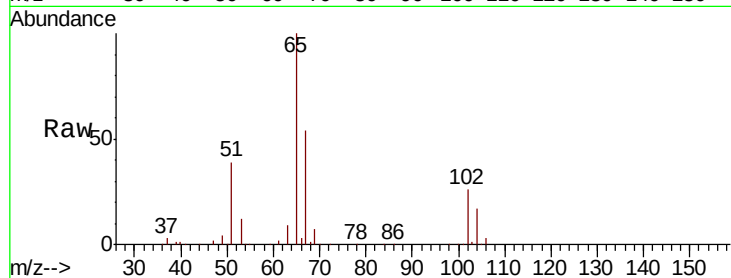




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013448.D
 Acq: 04 Oct 2019 19:12

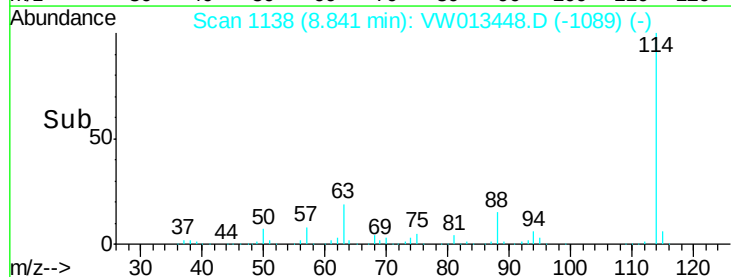
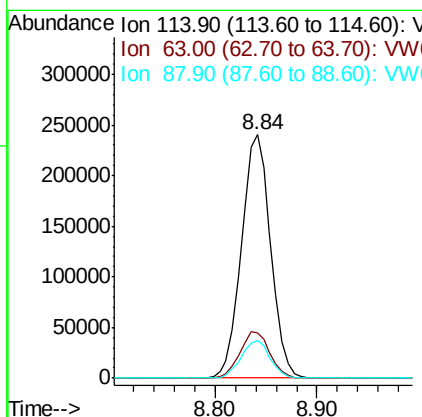
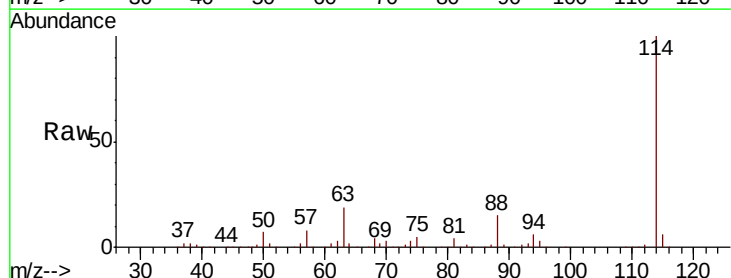
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-100419

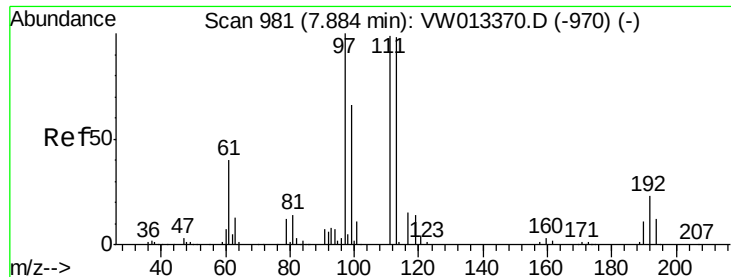
Tot Ion: 65 Resp: 125329
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013448.D
 Acq: 04 Oct 2019 19:12

Tgt Ion: 114 Resp: 475116
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.941 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013448.D

Acq: 04 Oct 2019 19:12

Instrument :

MSVOA_W

ClientSampleId :

JC-02-100419

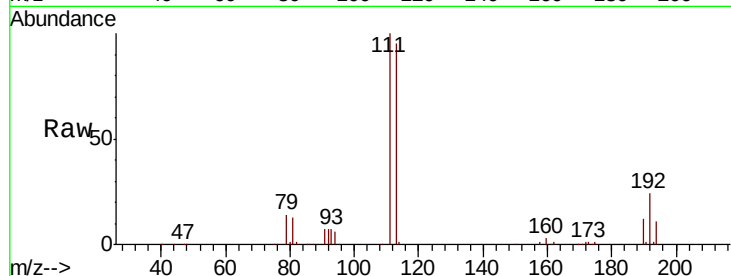
Tot Ion:113 Resp: 129492

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

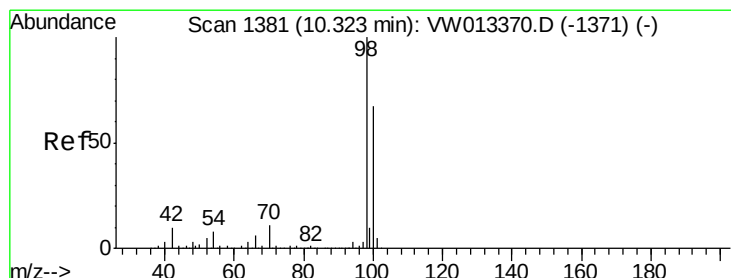
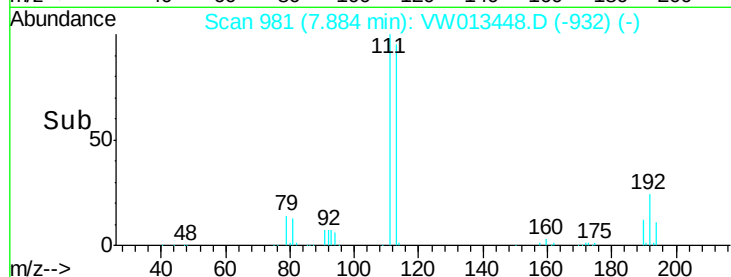
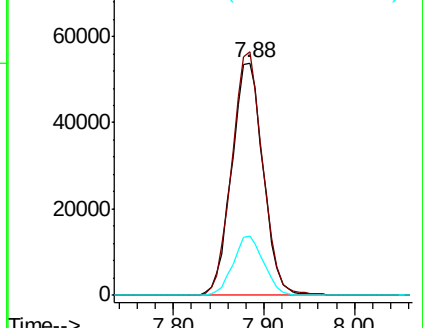
192 24.7 19.1 28.7



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: 51.989 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013448.D

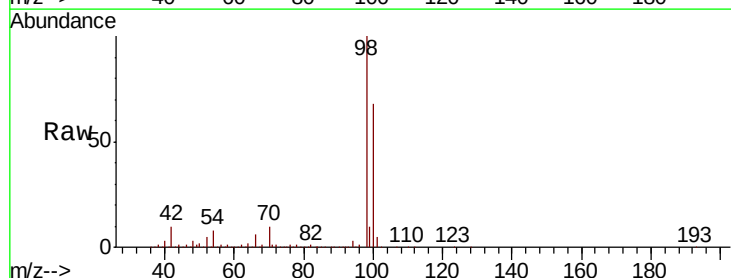
Acq: 04 Oct 2019 19:12

Tgt Ion: 98 Resp: 537860

Ion Ratio Lower Upper

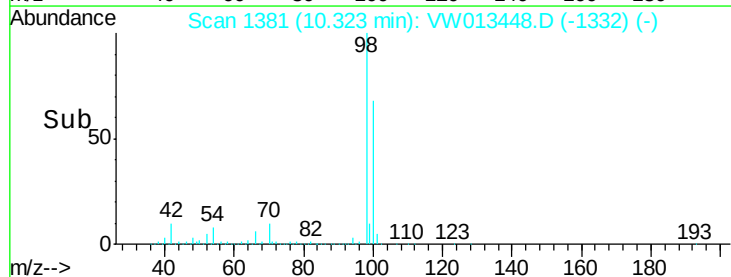
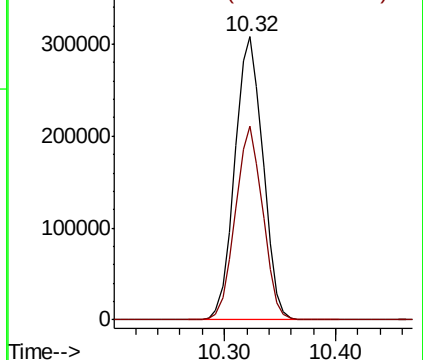
98 100

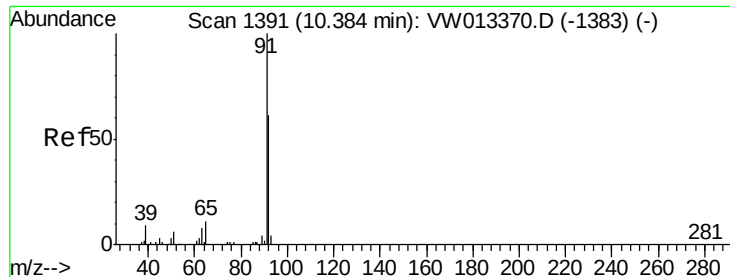
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.156 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013448.D

Acq: 04 Oct 2019 19:12

Instrument :

MSVOA_W

ClientSampleId :

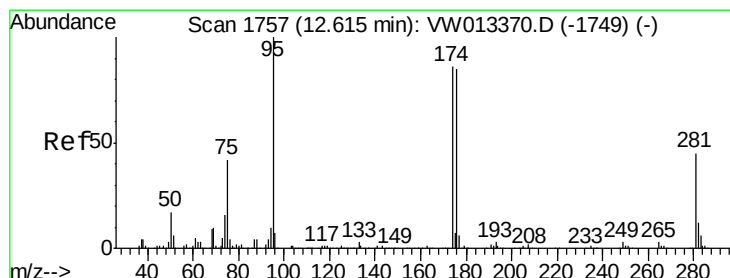
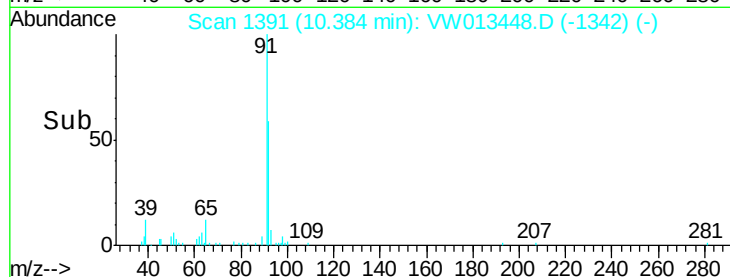
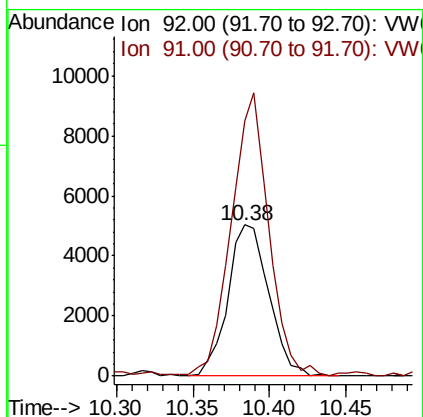
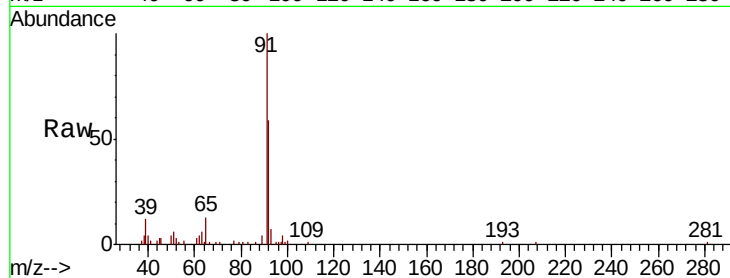
JC-02-100419

Tot Ion: 92 Resp: 9314

Ion Ratio Lower Upper

92 100

91 171.2 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 47.931 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013448.D

Acq: 04 Oct 2019 19:12

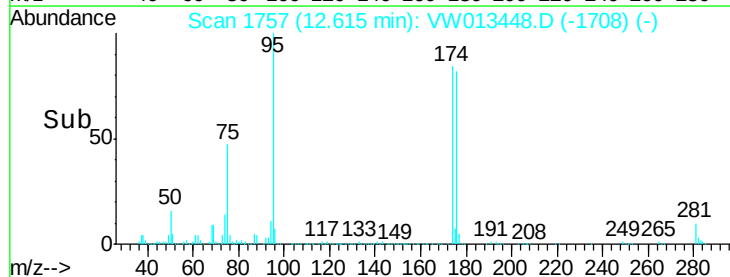
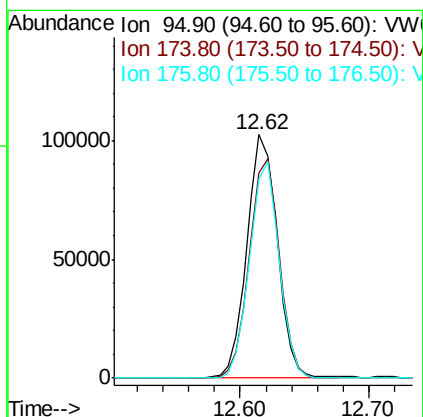
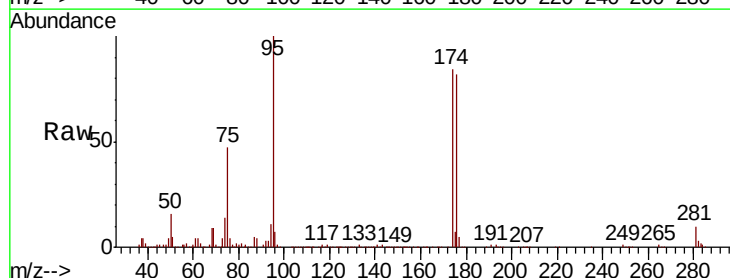
Tgt Ion: 95 Resp: 165594

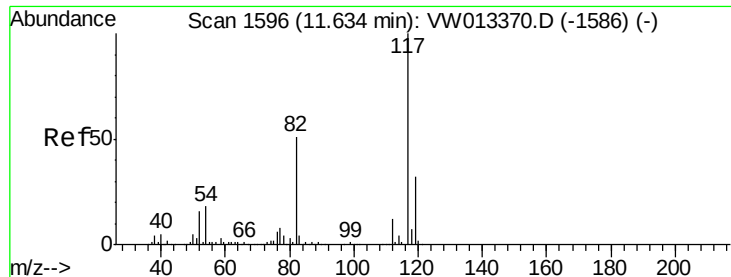
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.4

176 86.9 0.0 172.2

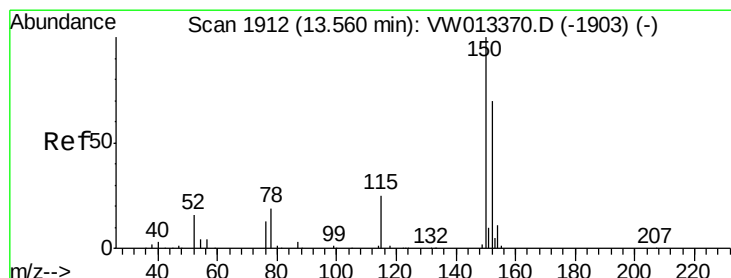
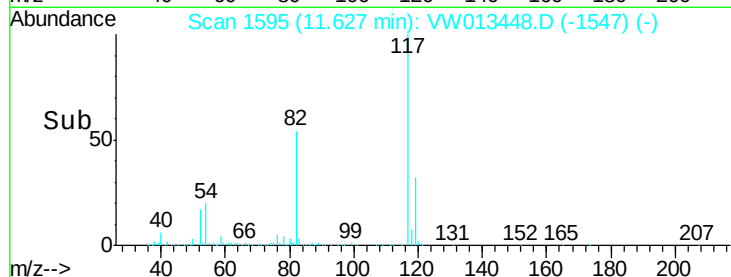
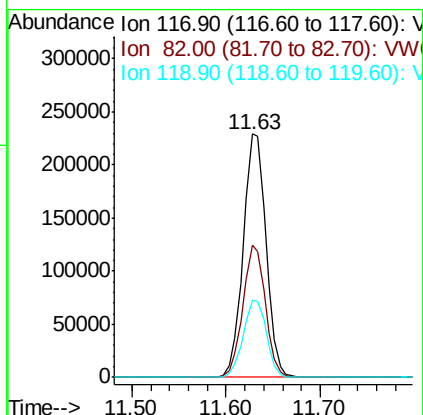
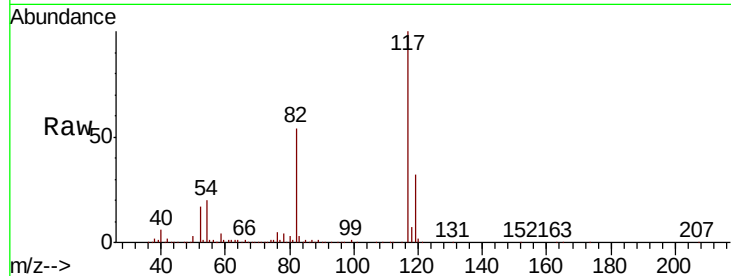




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013448.D
Acq: 04 Oct 2019 19:12

Instrument :
MSVOA_W
ClientSampleId :
JC-02-100419

Tot Ion:117 Resp: 387918
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013448.D
Acq: 04 Oct 2019 19:12

Tgt Ion:152 Resp: 157379
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 156.8 0.0 349.0

