

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013436.D
 Acq On : 04 Oct 2019 14:02
 Operator : SY/VA
 Sample : K5205-04
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200028-RT-3425

Quant Time: Oct 05 05:26:53 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

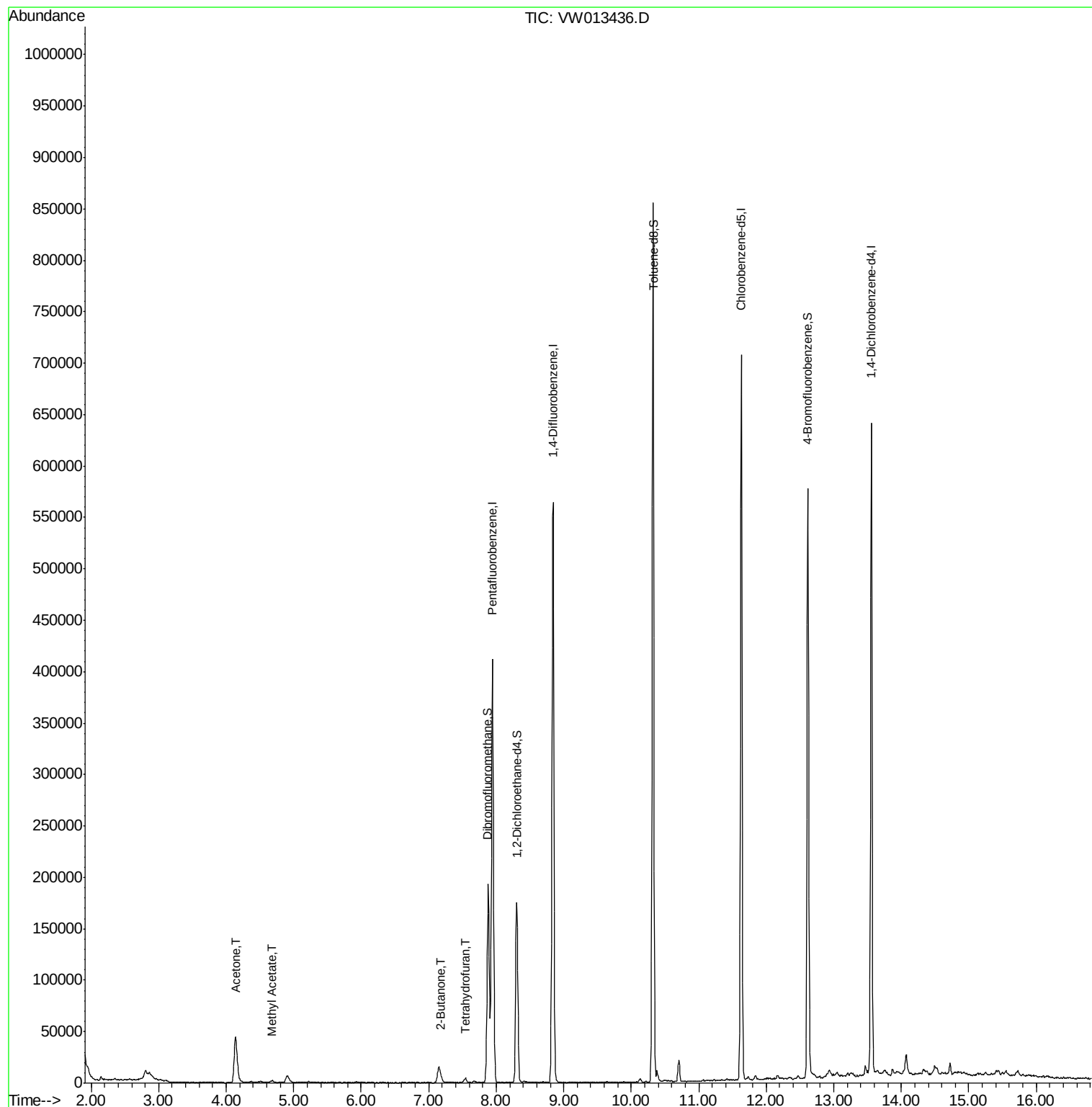
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	513689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138844	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.88	113	141957	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	585705	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.62	95	183593	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
16) Acetone	4.14	43	92871	118.756	ug/l #	89
18) Methyl Acetate	4.68	43	4769	2.605	ug/l	91
25) 2-Butanone	7.18	43	5233	5.229	ug/l	92
29) Tetrahydrofuran	7.54	42	3836	16.028	ug/l	95

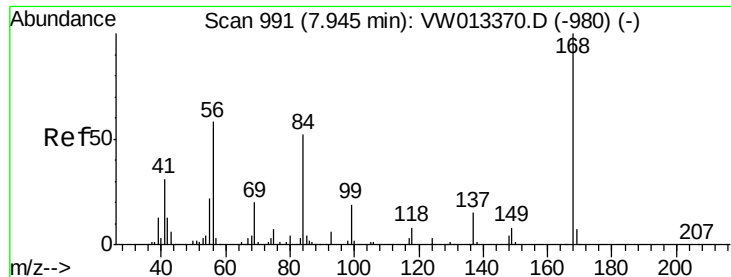
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
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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: VW013436.D

Acq: 04 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

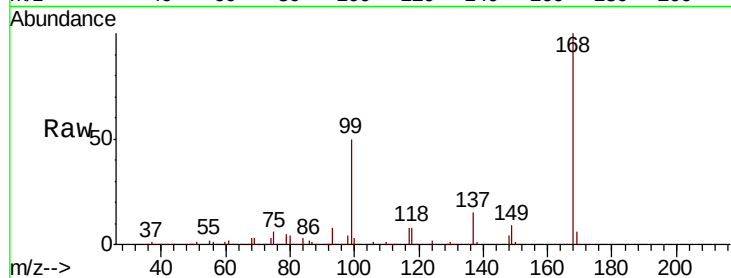
RBR-200028-RT-3425

Tot Ion:168 Resp: 341694

Ion Ratio Lower Upper

168 100

99 49.7 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

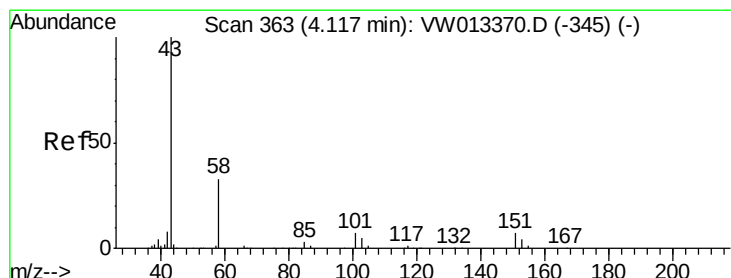
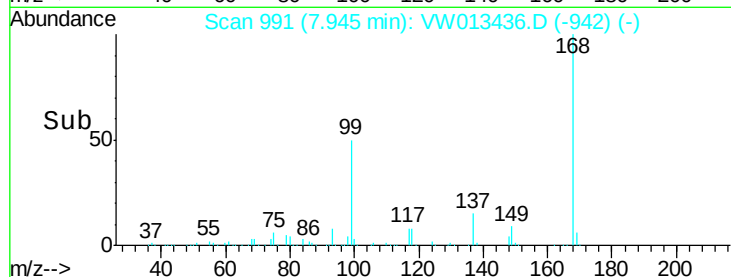
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 118.756 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013436.D

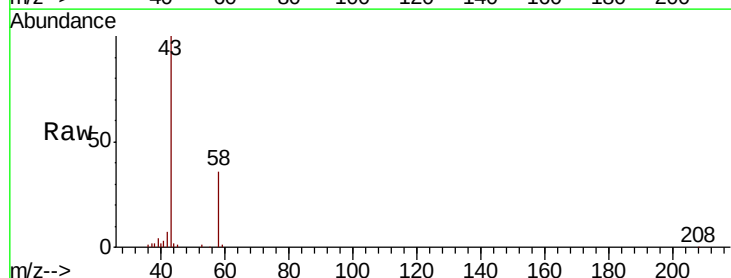
Acq: 04 Oct 2019 14:02

Tgt Ion: 43 Resp: 92871

Ion Ratio Lower Upper

43 100

58 36.3 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

30000

25000

20000

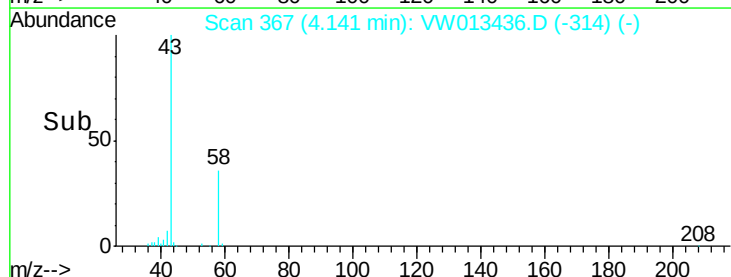
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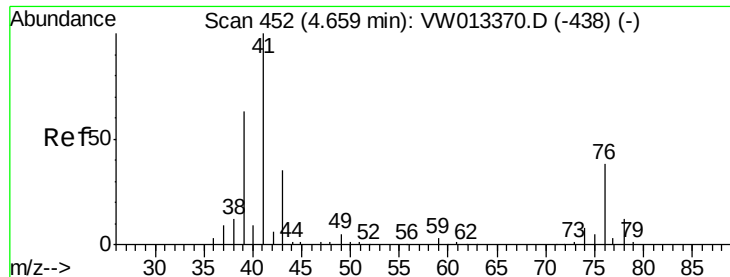
10000

5000

0

Time-->

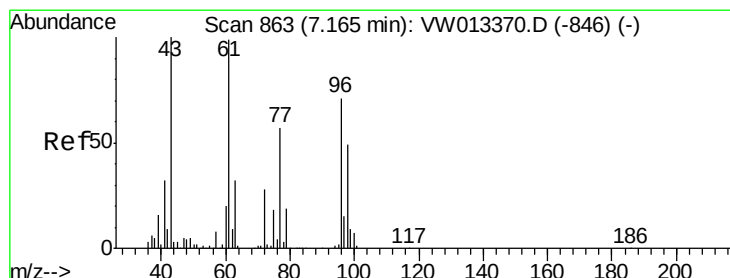
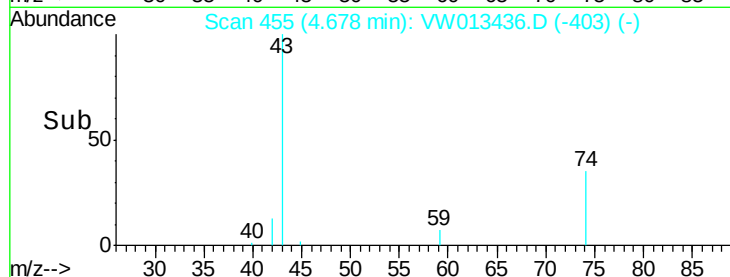
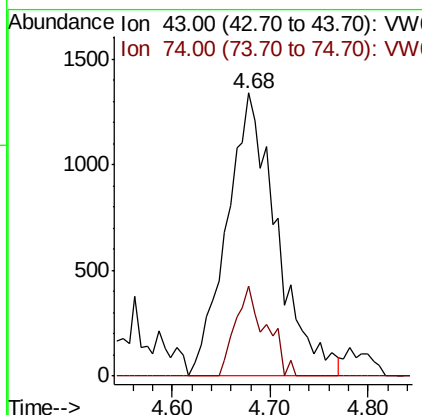
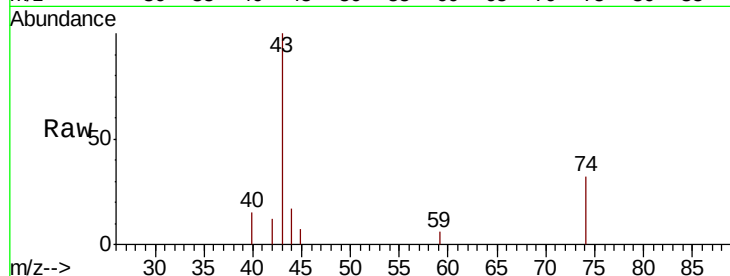




#18
Methyl Acetate
Concen: 2.605 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.02 min
Lab File: VW013436.D
Acq: 04 Oct 2019 14:02

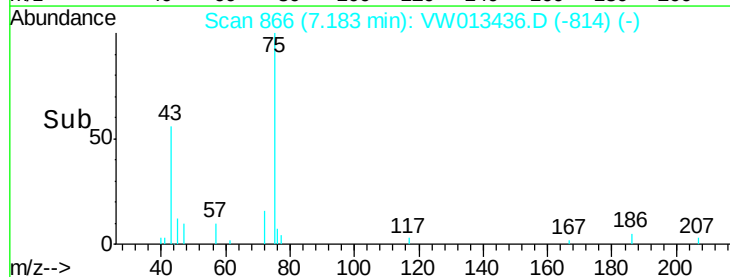
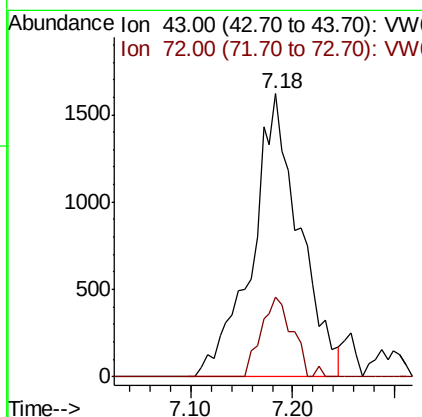
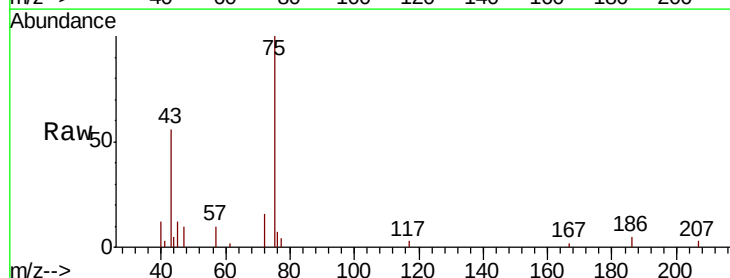
Instrument :
MSVOA_W
ClientSampleId :
RBR-200028-RT-3425

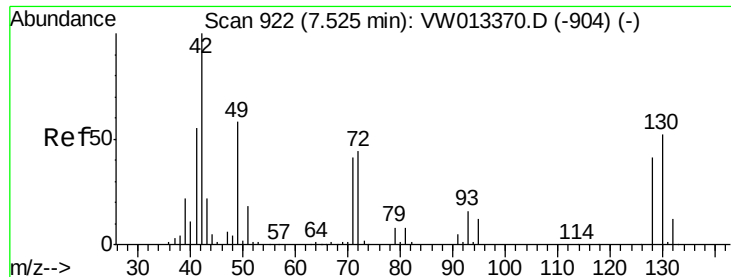
Tot Ion: 43 Resp: 4769
Ion Ratio Lower Upper
43 100
74 19.5 19.3 28.9



#25
2-Butanone
Concen: 5.229 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW013436.D
Acq: 04 Oct 2019 14:02

Tgt Ion: 43 Resp: 5233
Ion Ratio Lower Upper
43 100
72 28.2 19.4 29.0

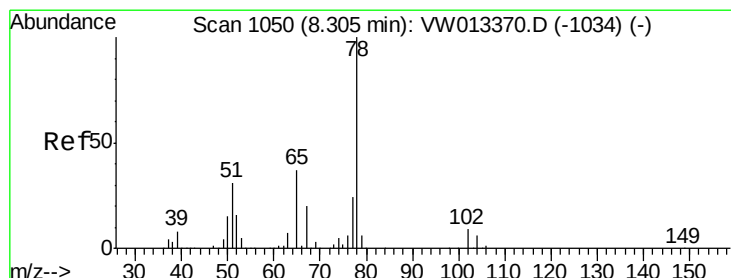
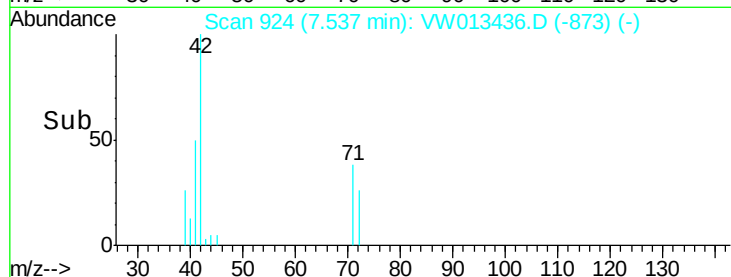
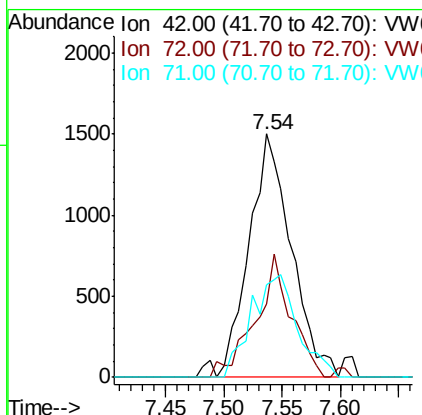
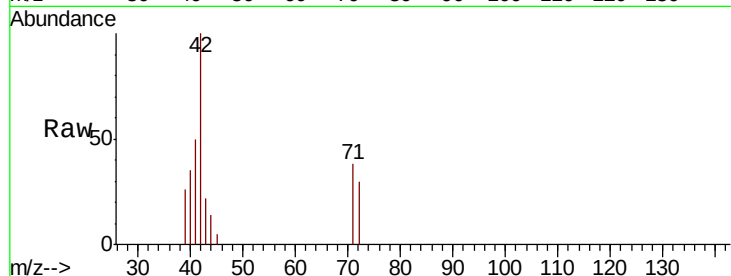




#29
Tetrahydrofuran
Concen: 16.028 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013436.D
Acq: 04 Oct 2019 14:02

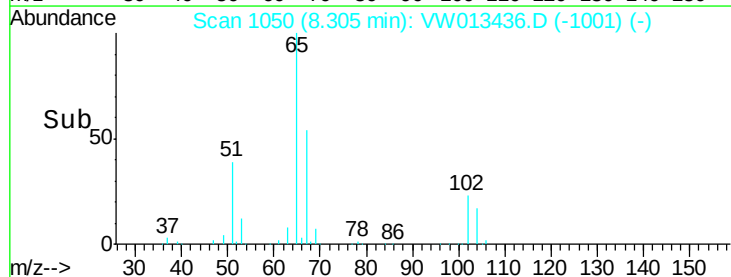
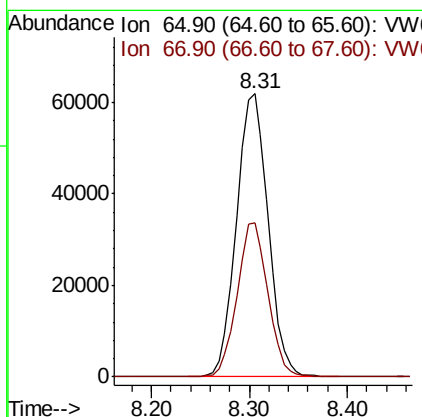
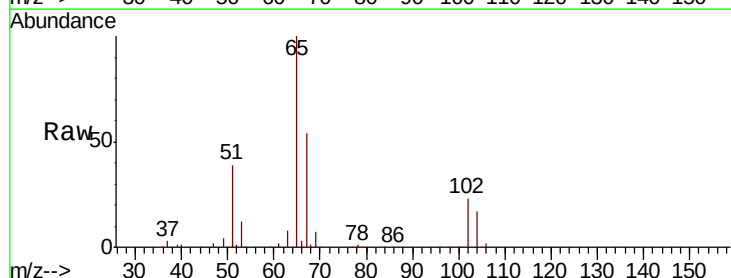
Instrument :
MSVOA_W
ClientSampleId :
RBR-200028-RT-3425

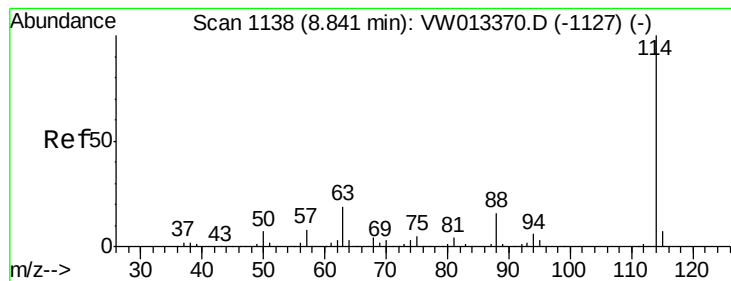
Tot Ion: 42 Resp: 3836
Ion Ratio Lower Upper
42 100
72 42.2 33.9 50.9
71 45.6 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 54.420 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013436.D
Acq: 04 Oct 2019 14:02

Tgt Ion: 65 Resp: 138844
Ion Ratio Lower Upper
65 100
67 52.9 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: VW013436.D

Acq: 04 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

RBR-200028-RT-3425

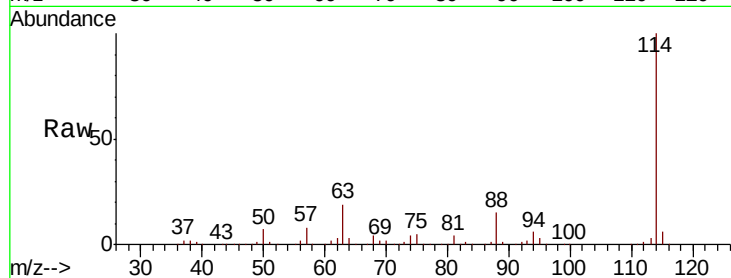
Tot Ion:114 Resp: 513689

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

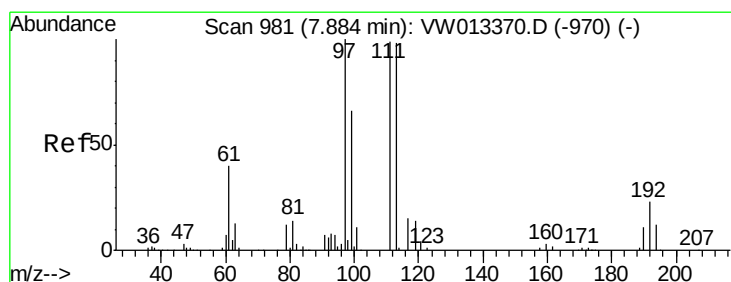
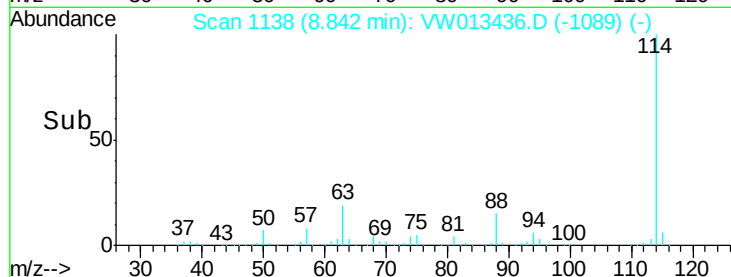
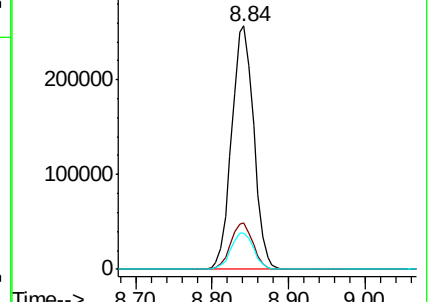
88 15.0 0.0 32.0



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: 52.665 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013436.D

Acq: 04 Oct 2019 14:02

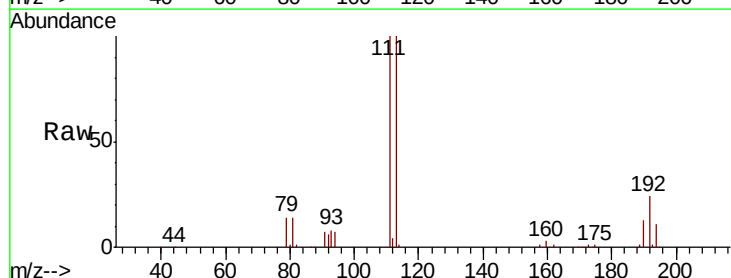
Tgt Ion:113 Resp: 141957

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

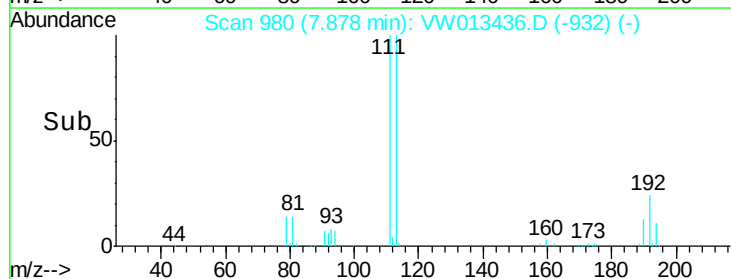
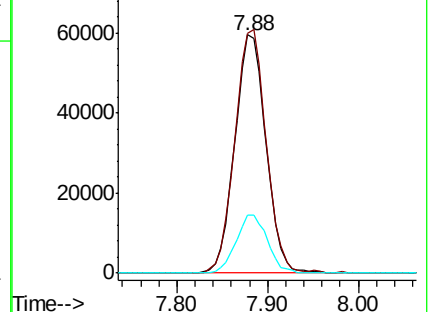
192 24.3 19.1 28.7

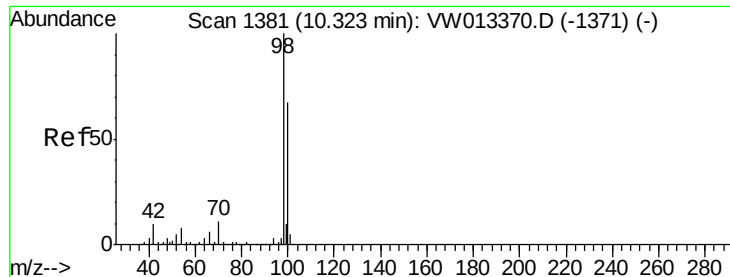


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013436.D

Acq: 04 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

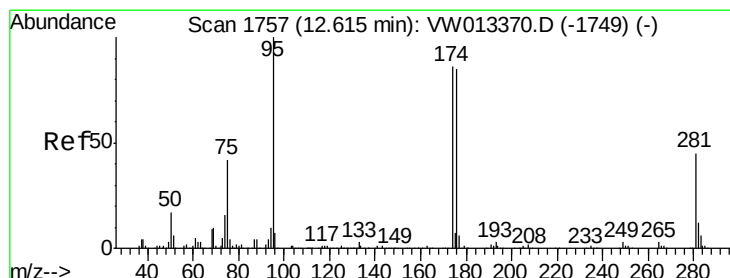
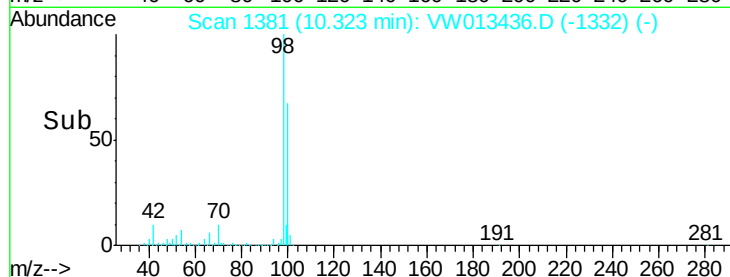
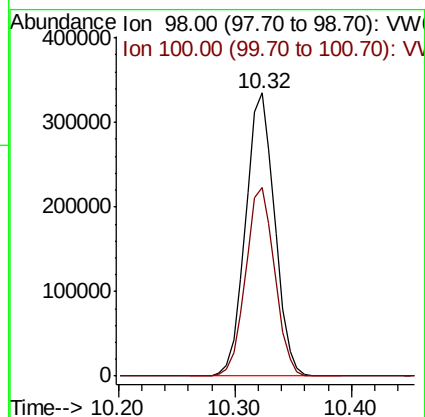
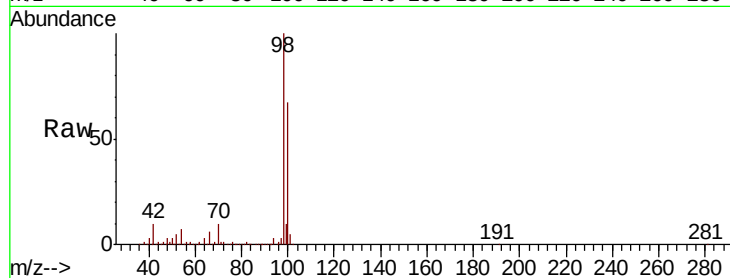
RBR-200028-RT-3425

Tot Ion: 98 Resp: 585705

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.151 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013436.D

Acq: 04 Oct 2019 14:02

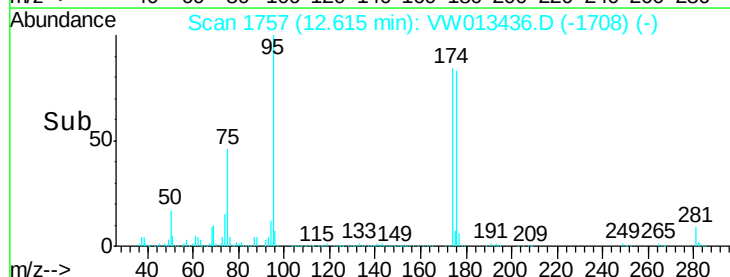
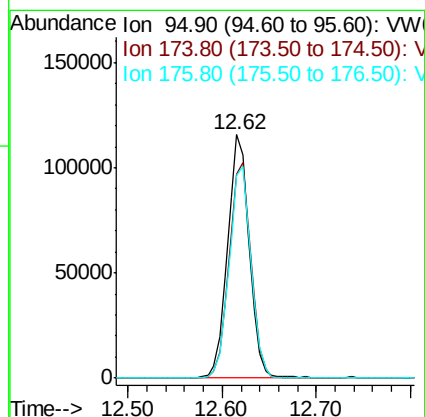
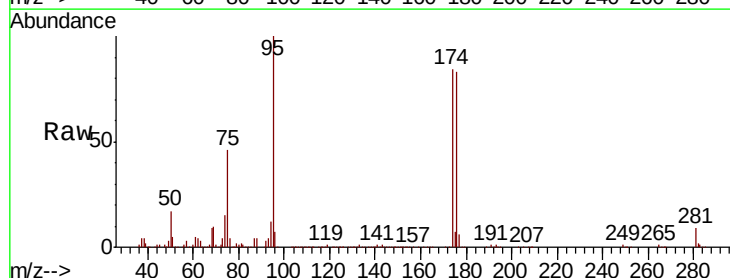
Tgt Ion: 95 Resp: 183593

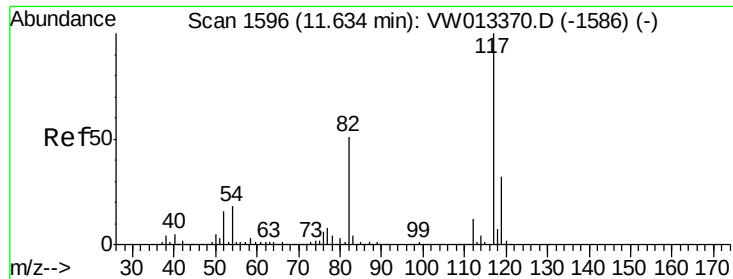
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.4

176 87.8 0.0 172.2

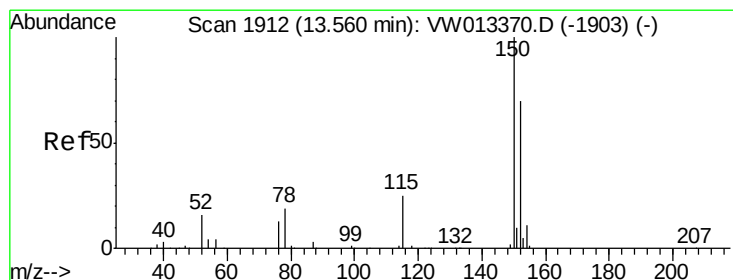
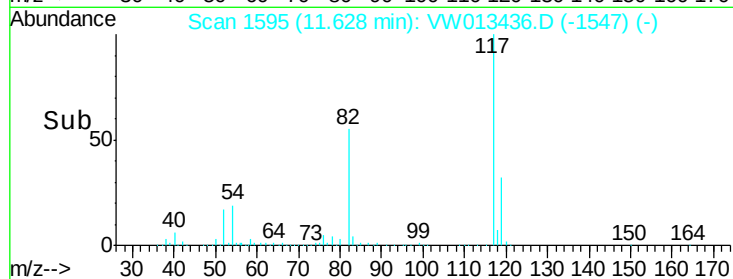
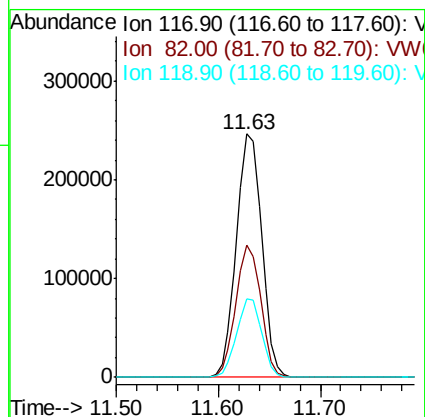
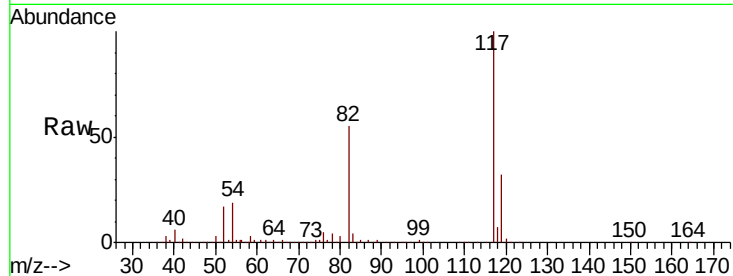




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013436.D
Acq: 04 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028-RT-3425

Tot Ion:117 Resp: 424293
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 32.4 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: VW013436.D
Acq: 04 Oct 2019 14:02

Tgt Ion:152 Resp: 182196
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 154.0 0.0 349.0

