

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060190.D
 Acq On : 24 Oct 2018 19:07
 Operator : JC/SY
 Sample : J5651-01
 Misc : 5.86/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200030

Quant Time: Oct 25 04:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

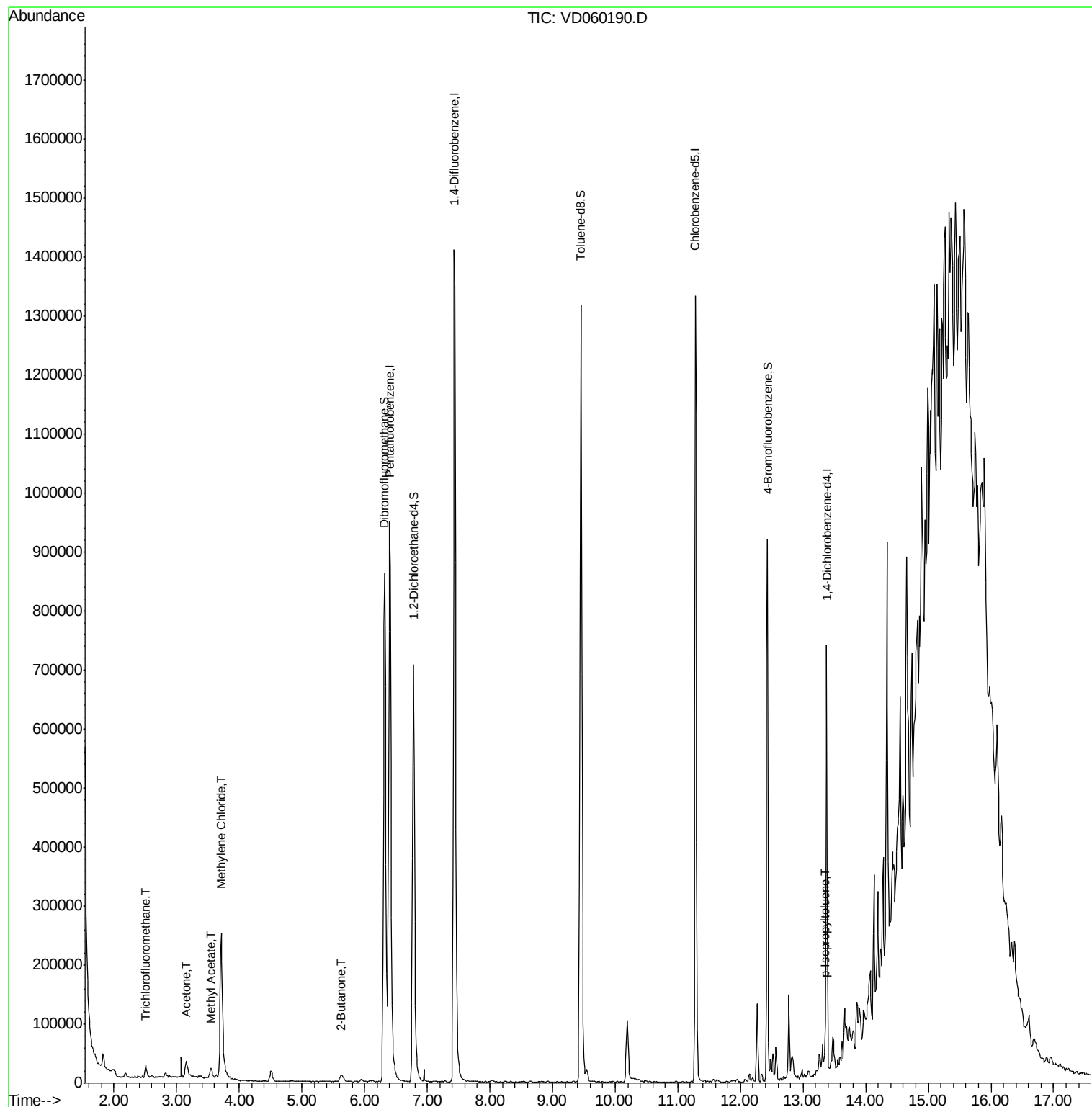
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	950878	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	1513824	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	727233	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	163529	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	585203	81.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	162.38%	
35) Dibromofluoromethane	6.32	113	692311	60.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.44%	
50) Toluene-d8	9.45	98	1076637	32.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	65.68%	
62) 4-Bromofluorobenzene	12.43	95	261260	21.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	42.58%	
Target Compounds						
7) Trichlorofluoromethane	2.50	101	19565	2.476	ug/l	88
16) Acetone	3.15	43	61472	47.001	ug/l	97
18) Methyl Acetate	3.54	43	34334	12.214	ug/l	98
20) Methylene Chloride	3.71	84	158717	12.163	ug/l	94
25) 2-Butanone	5.61	43	14660	4.487	ug/l #	90
86) p-Isopropyltoluene	13.35	119	18015	1.939	ug/l	96

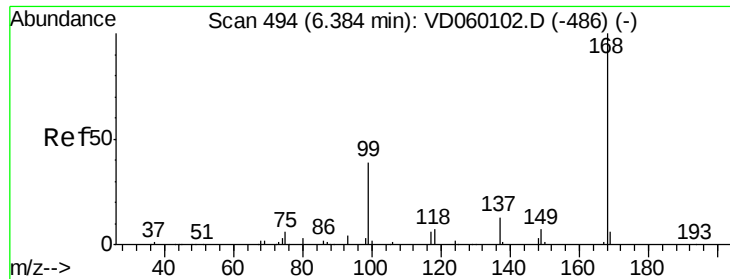
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060190.D
Acq On : 24 Oct 2018 19:07
Operator : JC/SY
Sample : J5651-01
Misc : 5.86/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200030

Quant Time: Oct 25 04:25:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

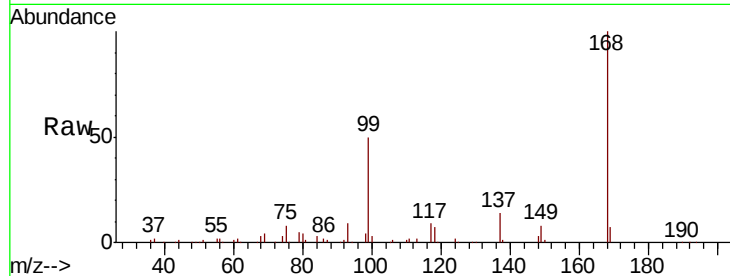
RBR-200030

Tot Ion:168 Resp: 950878

Ion Ratio Lower Upper

168 100

99 50.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.40

400000

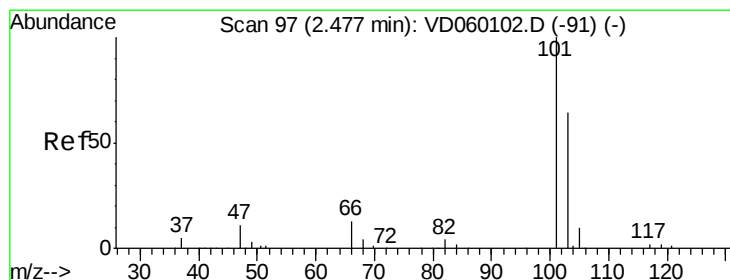
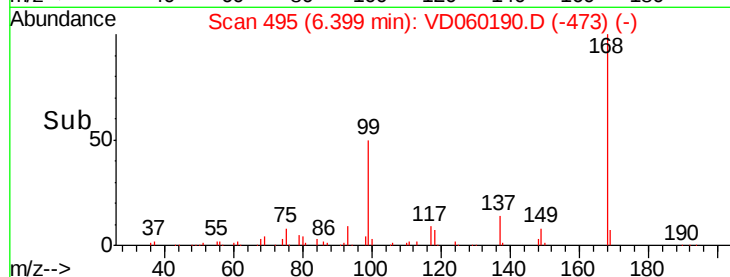
300000

200000

100000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.476 ug/l

RT: 2.50 min Scan# 99

Delta R.T. 0.02 min

Lab File: VD060190.D

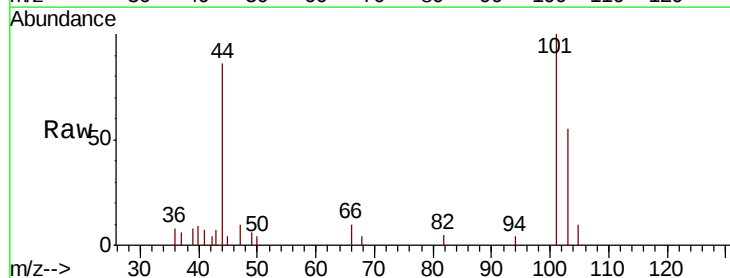
Acq: 24 Oct 2018 19:07

Tgt Ion:101 Resp: 19565

Ion Ratio Lower Upper

101 100

103 55.3 51.5 77.3



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

2.50

10000

8000

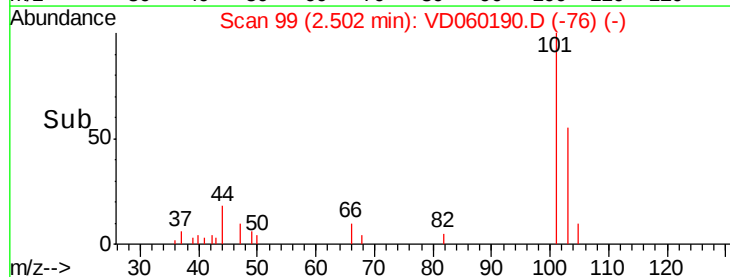
6000

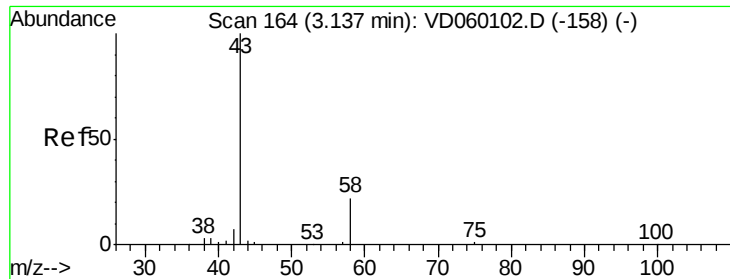
4000

2000

0

Time-->





#16

Acetone

Concen: 47.001 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

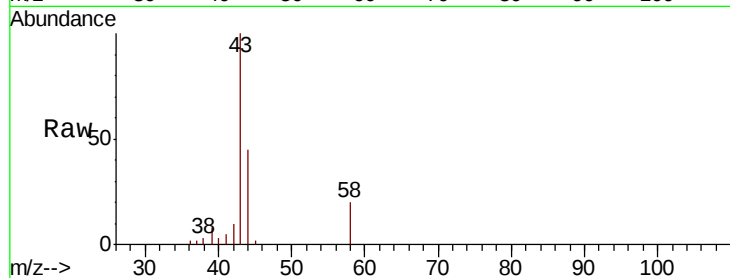
RBR-200030

Tot Ion: 43 Resp: 61472

Ion Ratio Lower Upper

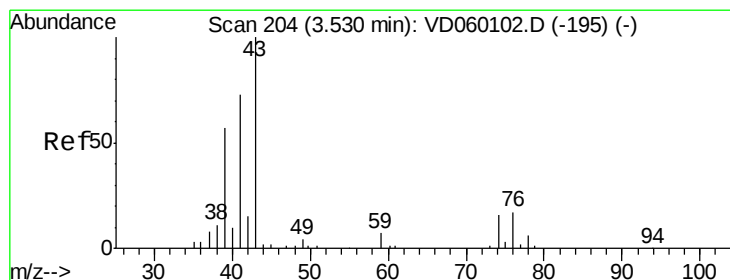
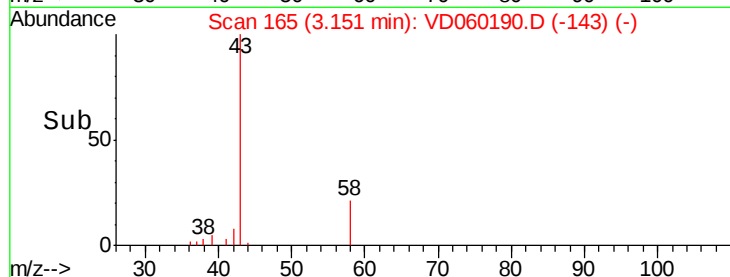
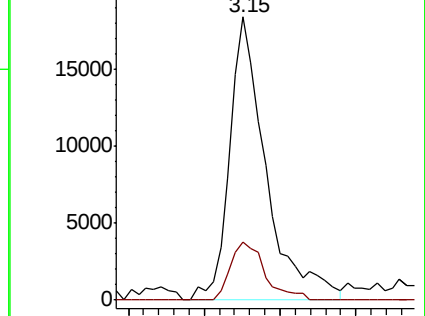
43 100

58 20.5 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 12.214 ug/l

RT: 3.54 min Scan# 205

Delta R.T. 0.01 min

Lab File: VD060190.D

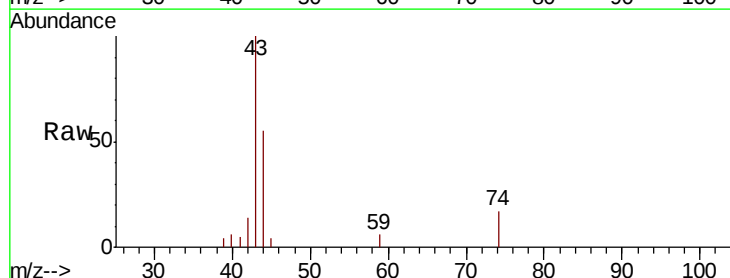
Acq: 24 Oct 2018 19:07

Tgt Ion: 43 Resp: 34334

Ion Ratio Lower Upper

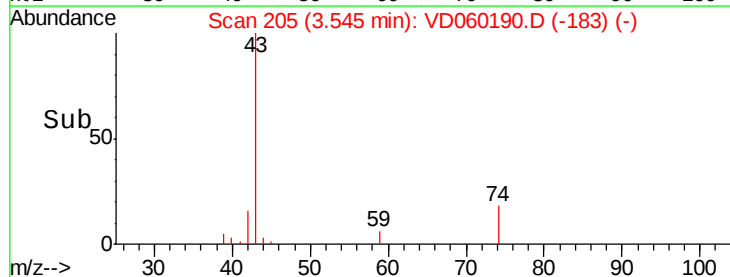
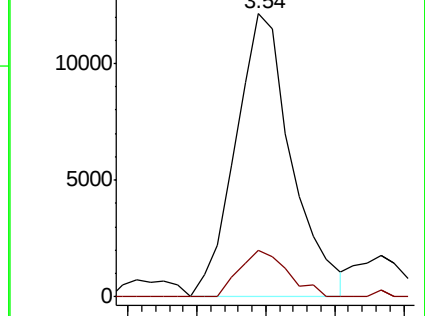
43 100

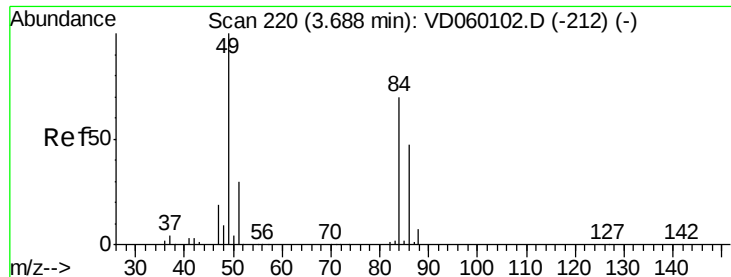
74 16.7 12.6 19.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

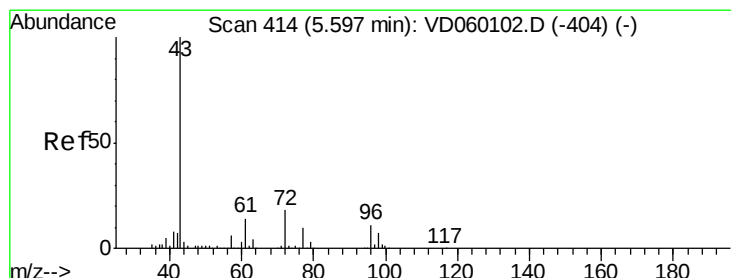
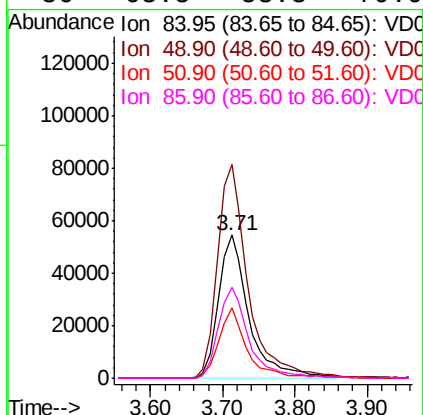
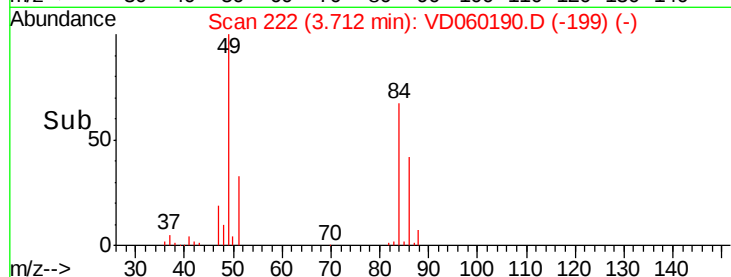
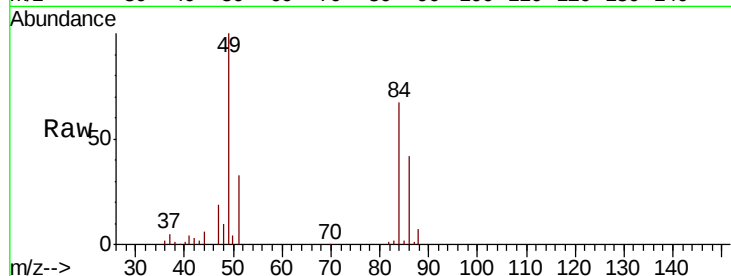




#20
Methvlene Chloride
Concen: 12.163 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060190.D
Acq: 24 Oct 2018 19:07

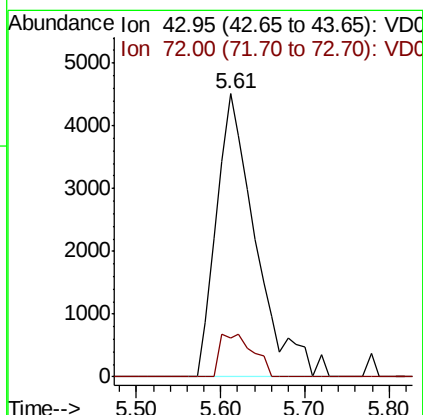
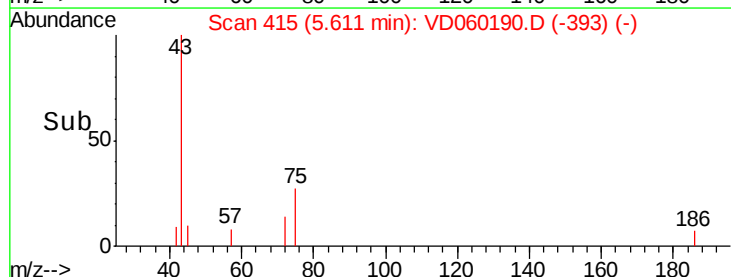
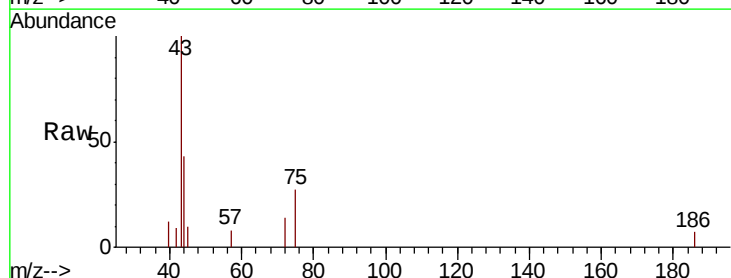
Instrument :
MSVOA_D
ClientSampleId :
RBR-200030

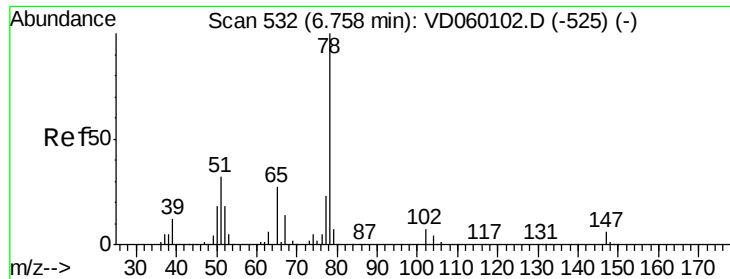
Tot Ion: 84 Resp: 158717
Ion Ratio Lower Upper
84 100
49 149.4 114.6 172.0
51 49.2 33.8 50.8
86 63.5 53.3 79.9



#25
2-Butanone
Concen: 4.487 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.01 min
Lab File: VD060190.D
Acq: 24 Oct 2018 19:07

Tgt Ion: 43 Resp: 14660
Ion Ratio Lower Upper
43 100
72 13.6 14.5 21.7#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

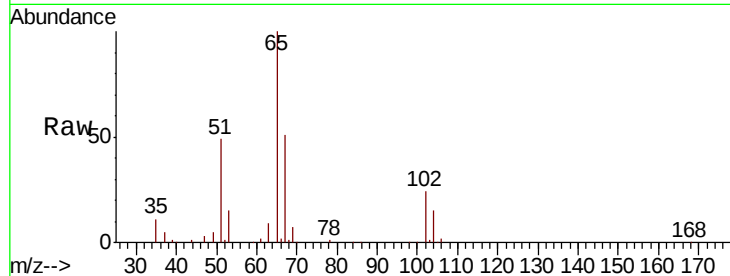
RBR-200030

Tot Ion: 65 Resp: 585203

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

250000

200000

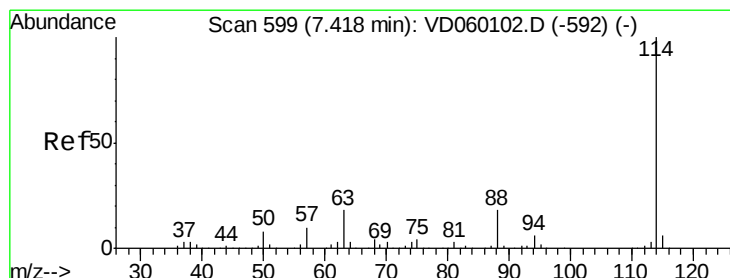
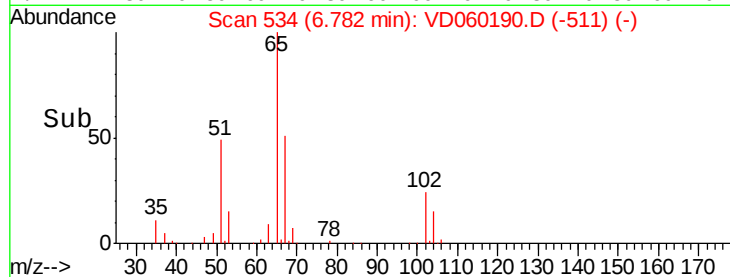
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

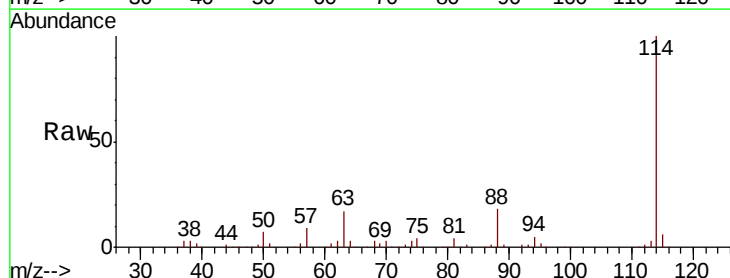
Tgt Ion: 114 Resp: 1513824

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.0

88 17.6 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

800000

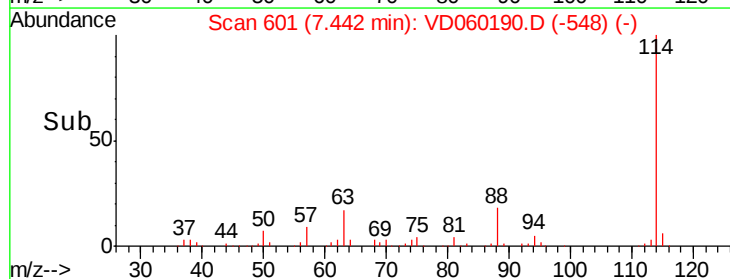
600000

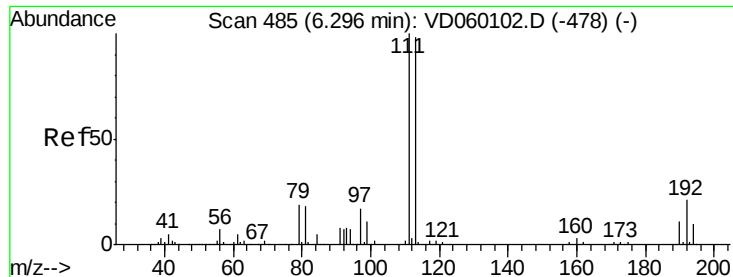
400000

200000

0

Time-->

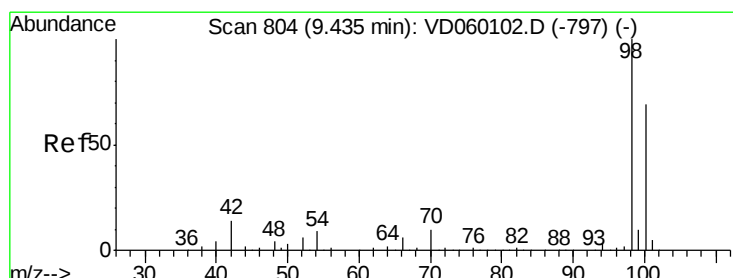
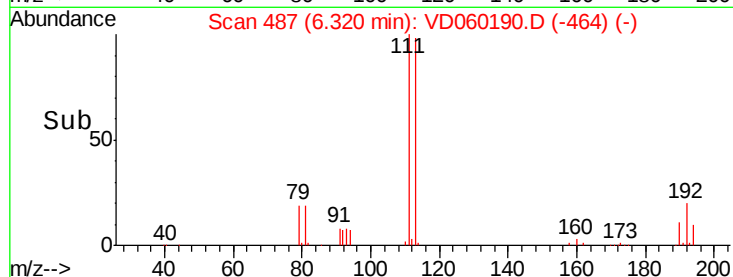
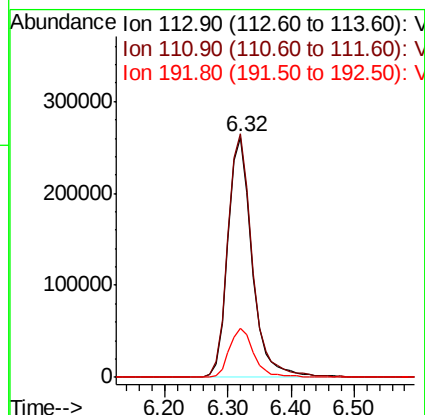
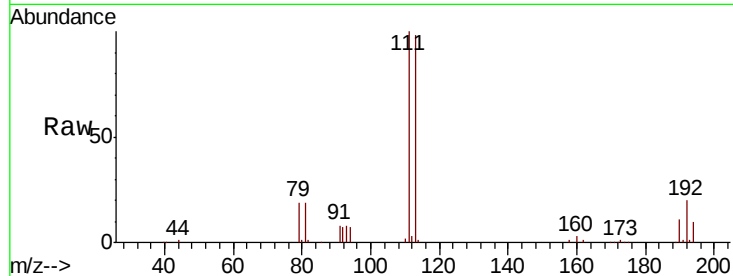




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060190.D
 Acq: 24 Oct 2018 19:07

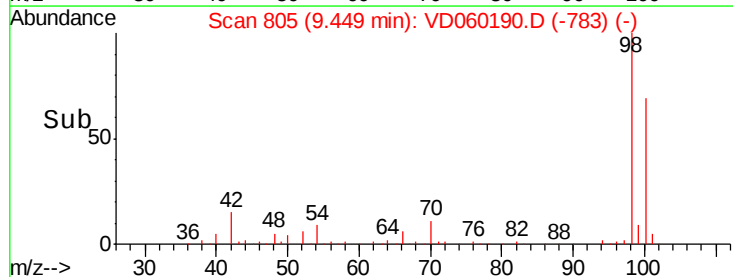
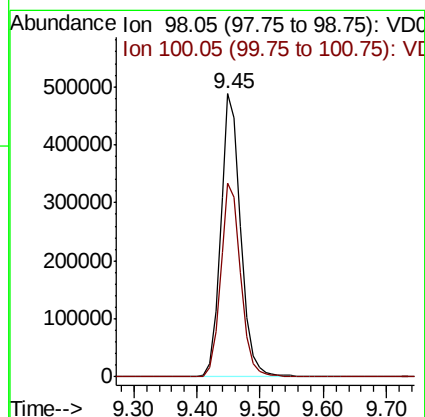
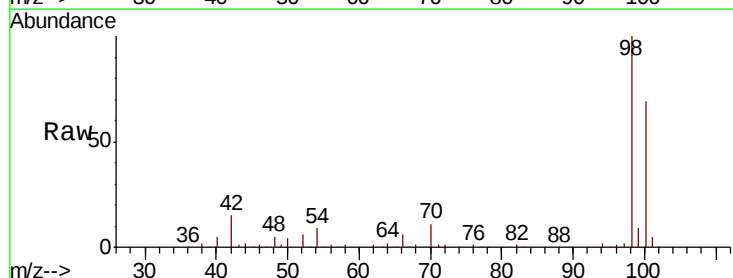
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200030

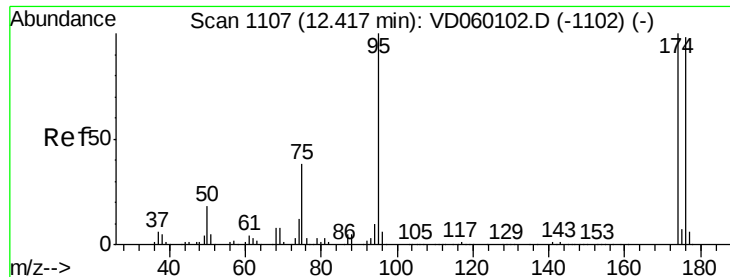
Tot Ion:113 Resp: 692311
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 20.7 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VD060190.D
 Acq: 24 Oct 2018 19:07

Tgt Ion: 98 Resp: 1076637
 Ion Ratio Lower Upper
 98 100
 100 68.5 55.4 83.0

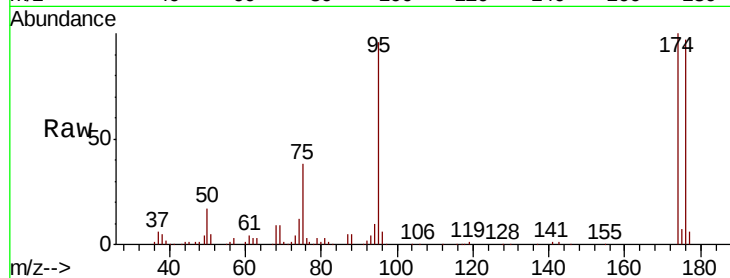




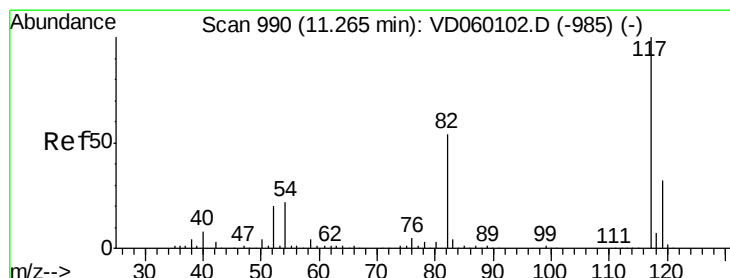
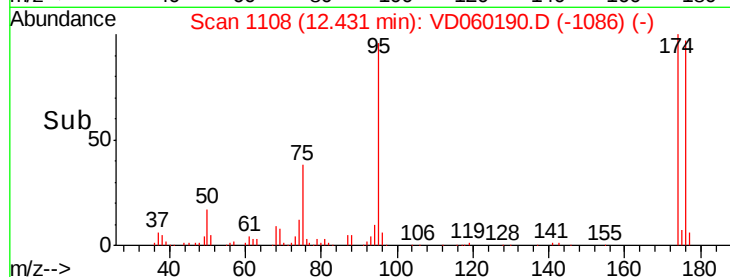
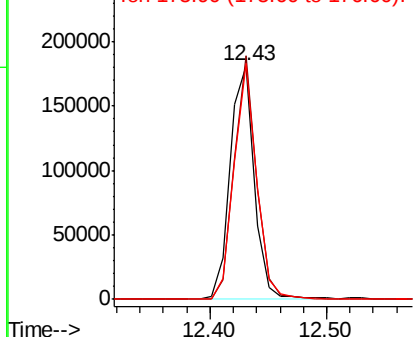
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060190.D
Acq: 24 Oct 2018 19:07

Instrument :
MSVOA_D
ClientSampleId :
RBR-200030

Tot Ion: 95 Resp: 261260
Ion Ratio Lower Upper
95 100
174 104.3 0.0 200.2
176 100.8 0.0 195.6

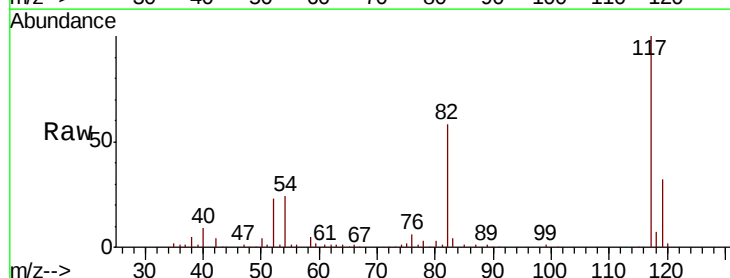


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

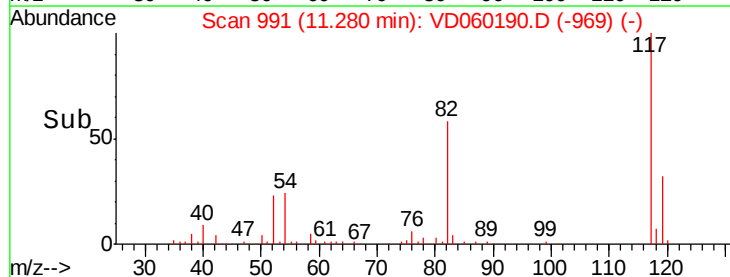
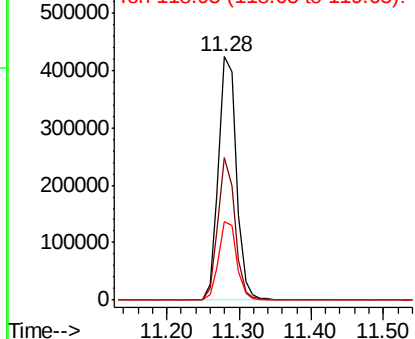


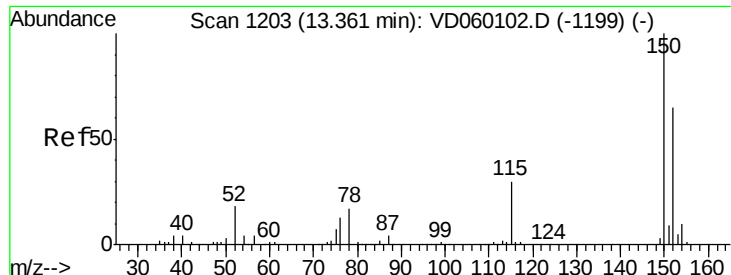
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060190.D
Acq: 24 Oct 2018 19:07

Tgt Ion: 117 Resp: 727233
Ion Ratio Lower Upper
117 100
82 58.4 43.4 65.2
119 32.2 26.0 39.0



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

RBR-200030

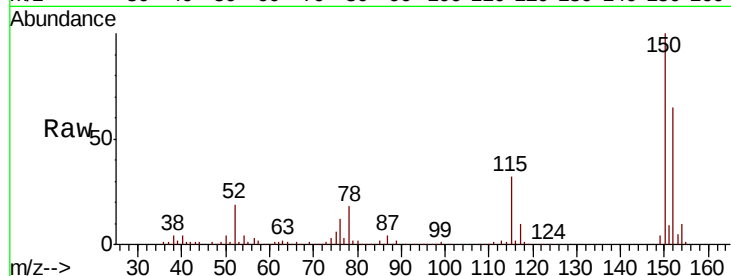
Tot Ion:152 Resp: 163529

Ion Ratio Lower Upper

152 100

115 49.3 27.1 81.2

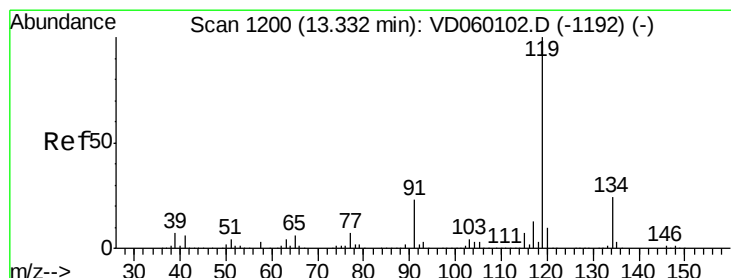
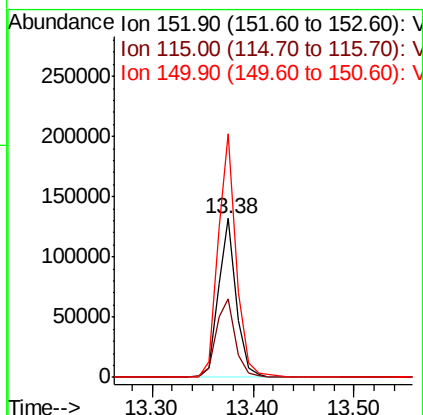
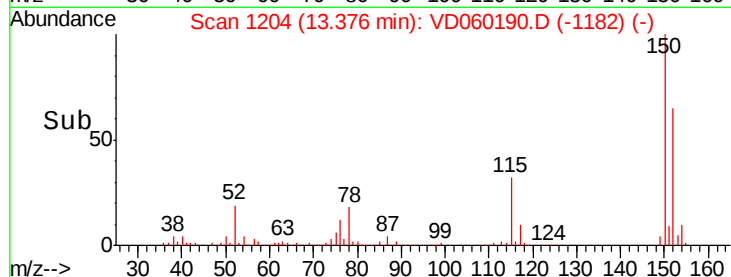
150 153.6 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#86

p-Isopropyltoluene

Concen: 1.939 ug/l

RT: 13.35 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD060190.D

Acq: 24 Oct 2018 19:07

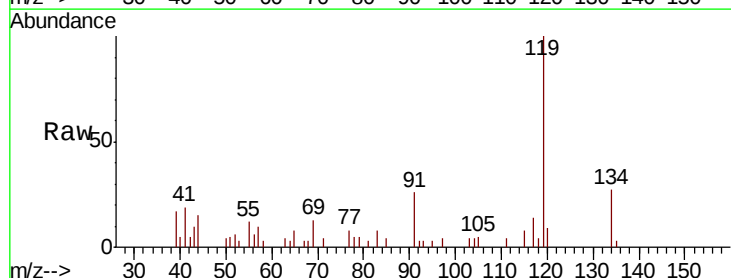
Tgt Ion:119 Resp: 18015

Ion Ratio Lower Upper

119 100

134 26.5 12.3 36.8

91 25.6 11.8 35.4



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

