

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060193.D
 Acq On : 24 Oct 2018 20:32
 Operator : JC/SY
 Sample : J5642-01
 Misc : 5.00/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200044

Quant Time: Oct 25 04:36:10 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

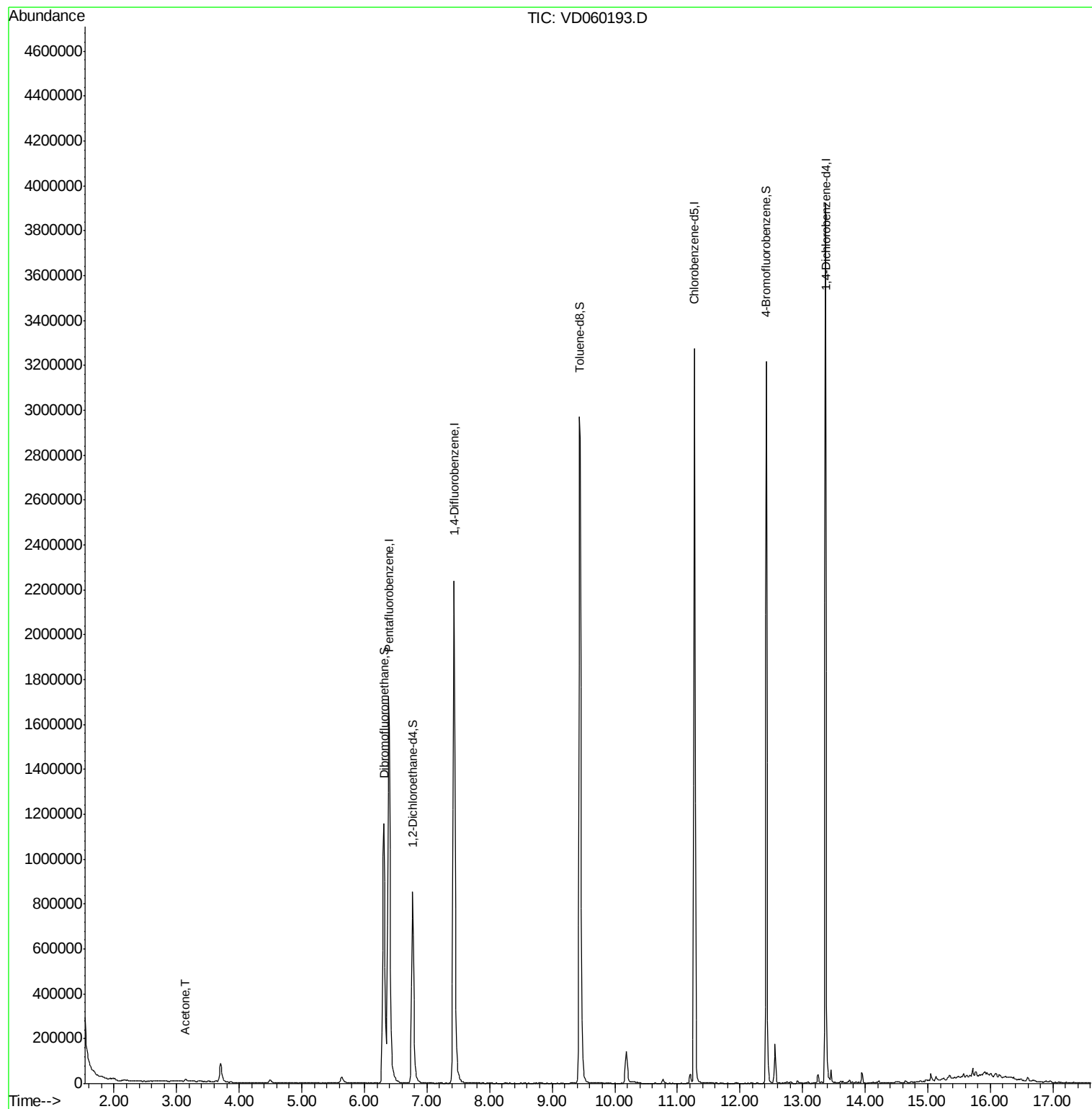
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1712316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2400335	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1886321	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	884267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	708663	54.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	6.31	113	911631	50.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	9.44	98	2516184	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.42	95	896329	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
16) Acetone	3.14	43	14878	6.317	ug/l	Qvalue 96

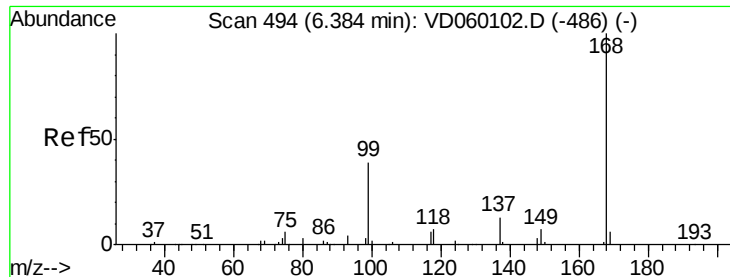
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.39 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060193.D

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Instrument :

MSVOA_D

ClientSampleId :

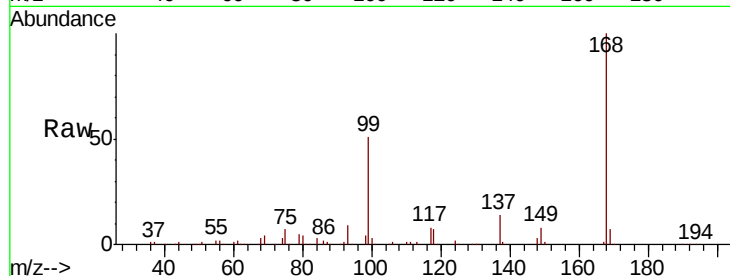
RBR200044

Tot Ion:168 Resp: 1712316

Ion Ratio Lower Upper

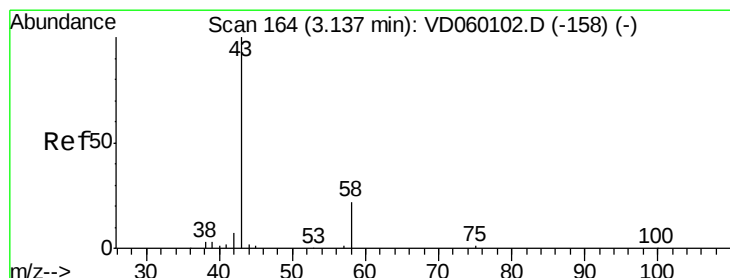
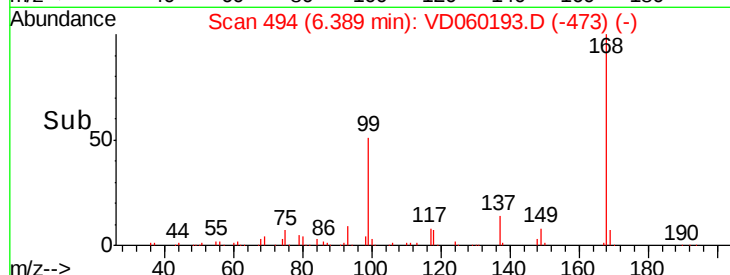
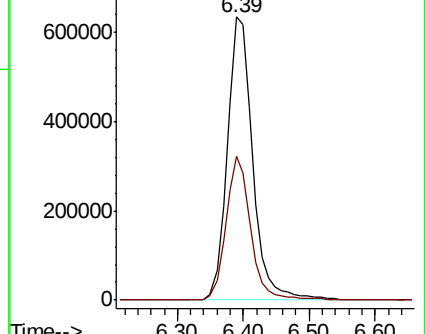
168 100

99 50.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 6.317 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD060193.D

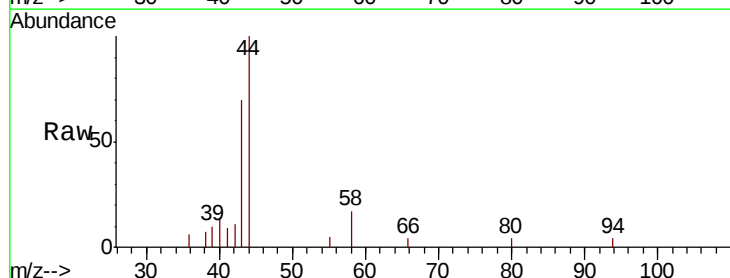
Acq: 24 Oct 2018 20:32

Tgt Ion: 43 Resp: 14878

Ion Ratio Lower Upper

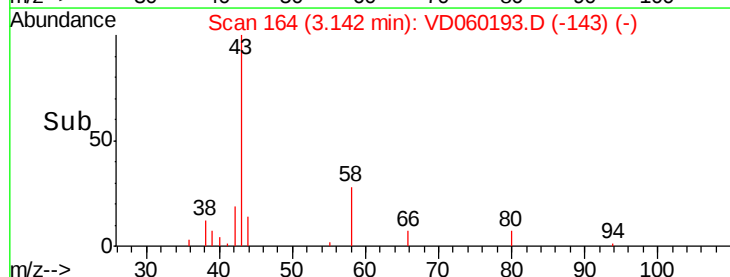
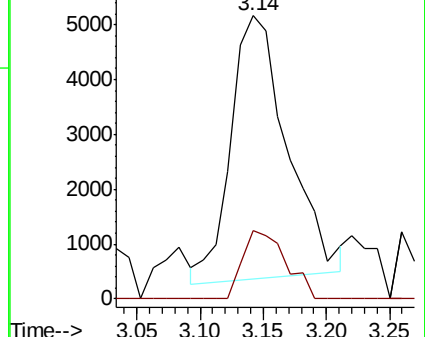
43 100

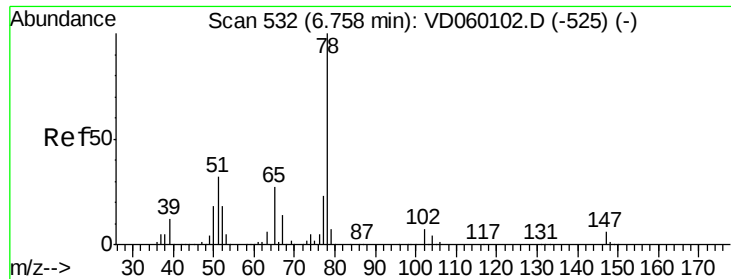
58 24.0 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_D

ClientSampleId :

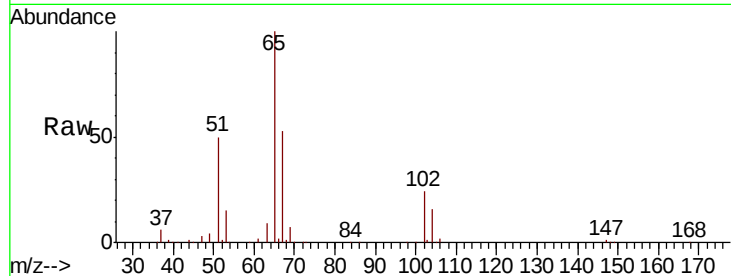
RBR200044

Tot Ion: 65 Resp: 708663

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

300000

250000

200000

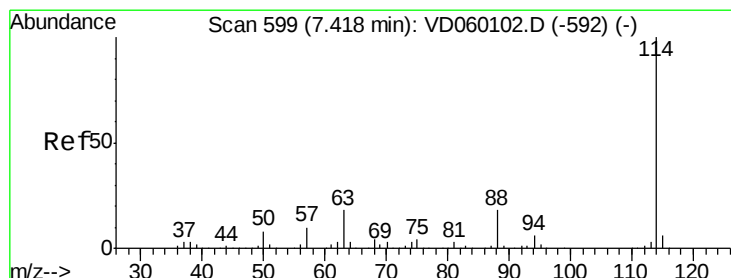
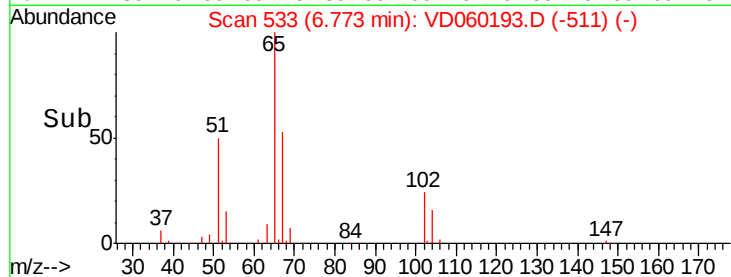
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

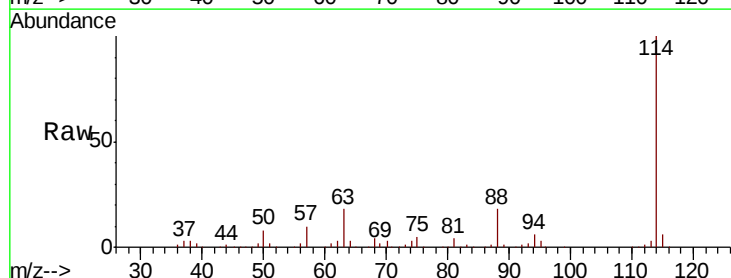
Tgt Ion:114 Resp: 2400335

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.0

88 18.4 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

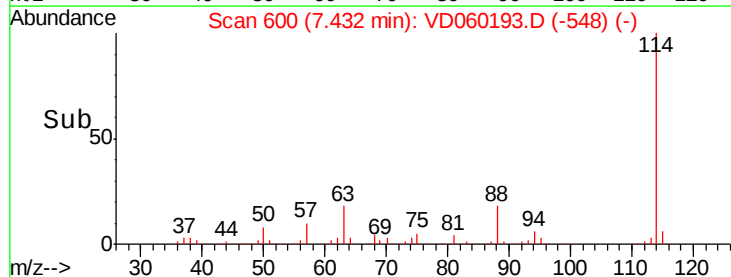
7.43

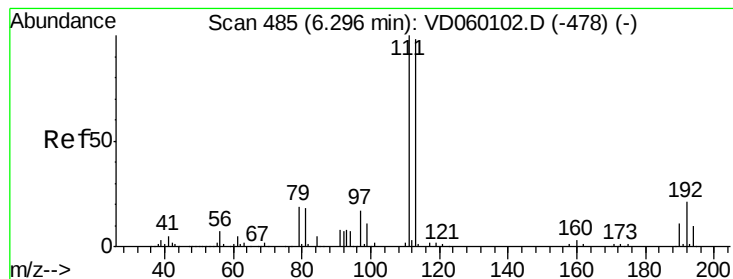
1000000

500000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_D

ClientSampleId :

RBR200044

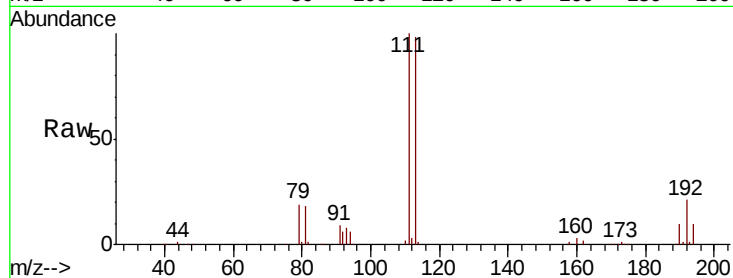
Tot Ion:113 Resp: 911631

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

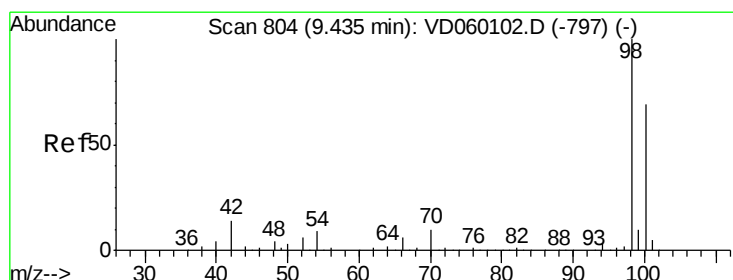
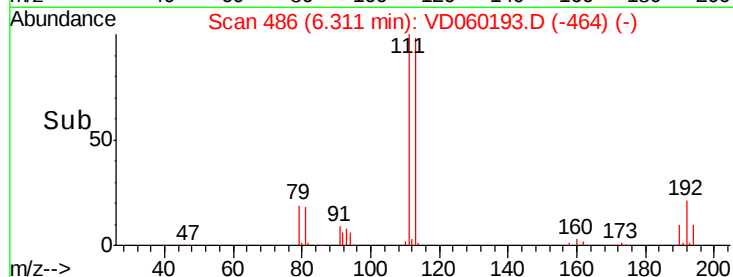
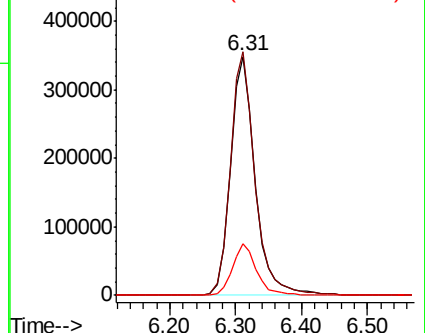
192 21.8 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. 0.00 min

Lab File: VD060193.D

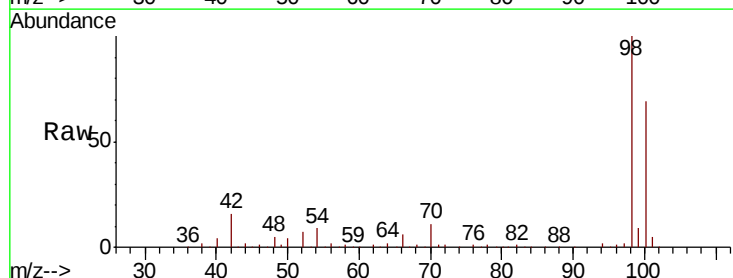
Acq: 24 Oct 2018 20:32

Tgt Ion: 98 Resp: 2516184

Ion Ratio Lower Upper

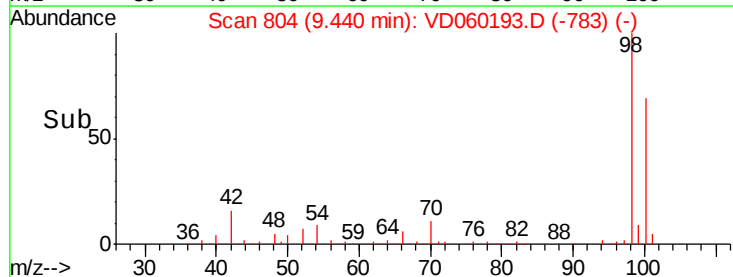
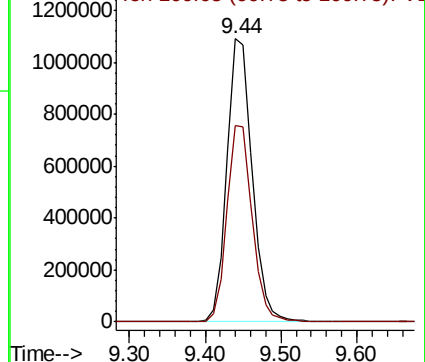
98 100

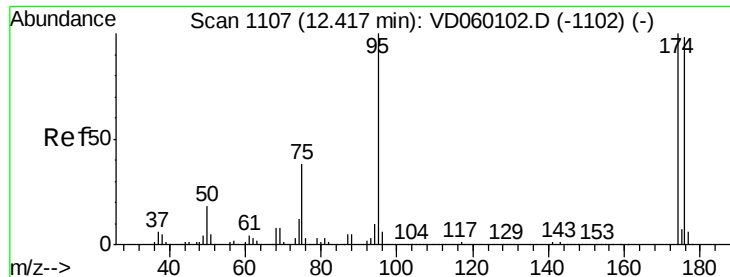
100 69.5 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_D

ClientSampleId :

RBR200044

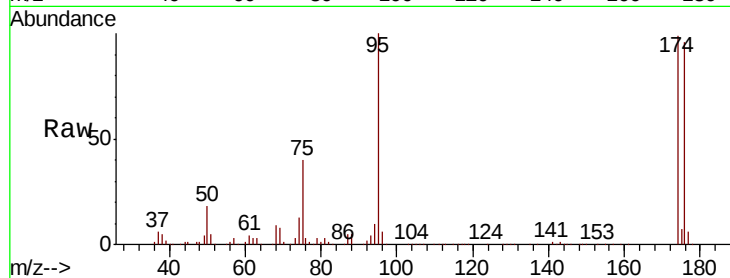
Tot Ion: 95 Resp: 896329

Ion Ratio Lower Upper

95 100

174 99.1 0.0 200.2

176 96.5 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

800000

600000

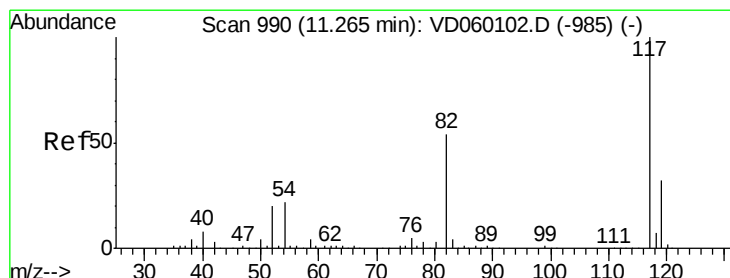
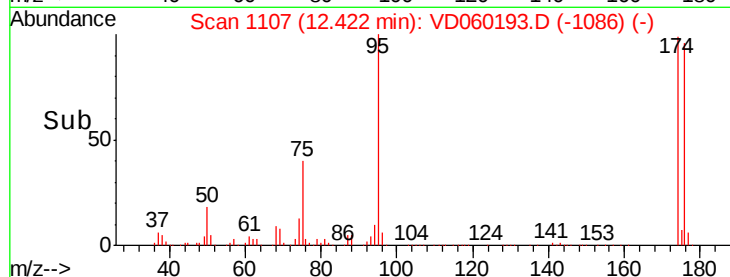
400000

200000

0

12.30 12.40 12.50 12.60

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

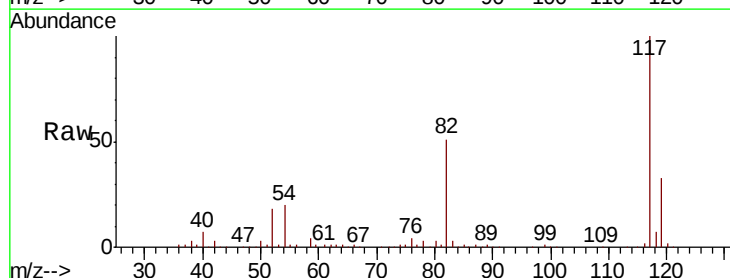
Tgt Ion: 117 Resp: 1886321

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.2

119 32.9 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

1500000

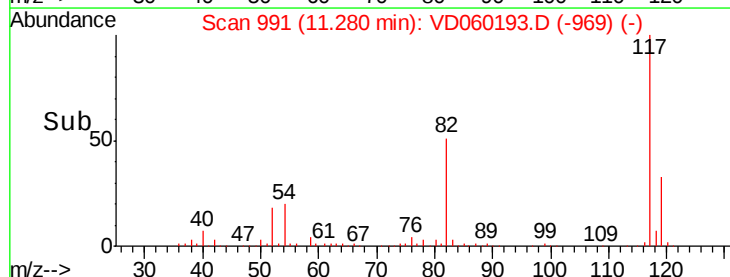
1000000

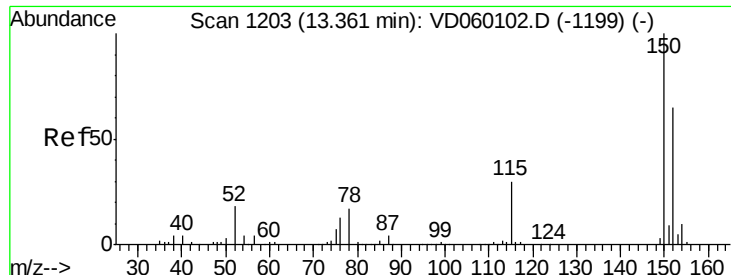
500000

0

11.20 11.40

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060193.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_D

ClientSampleId :

RBR200044

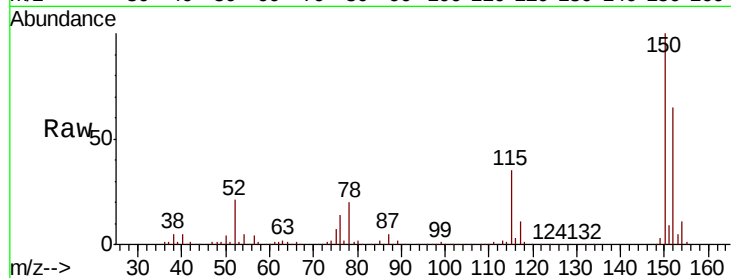
Tot Ion:152 Resp: 884267

Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 154.3 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

