

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060183.D
 Acq On : 24 Oct 2018 15:50
 Operator : JC/SY
 Sample : J4771-07
 Misc : 7.47g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-102318

Quant Time: Oct 25 04:38:02 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

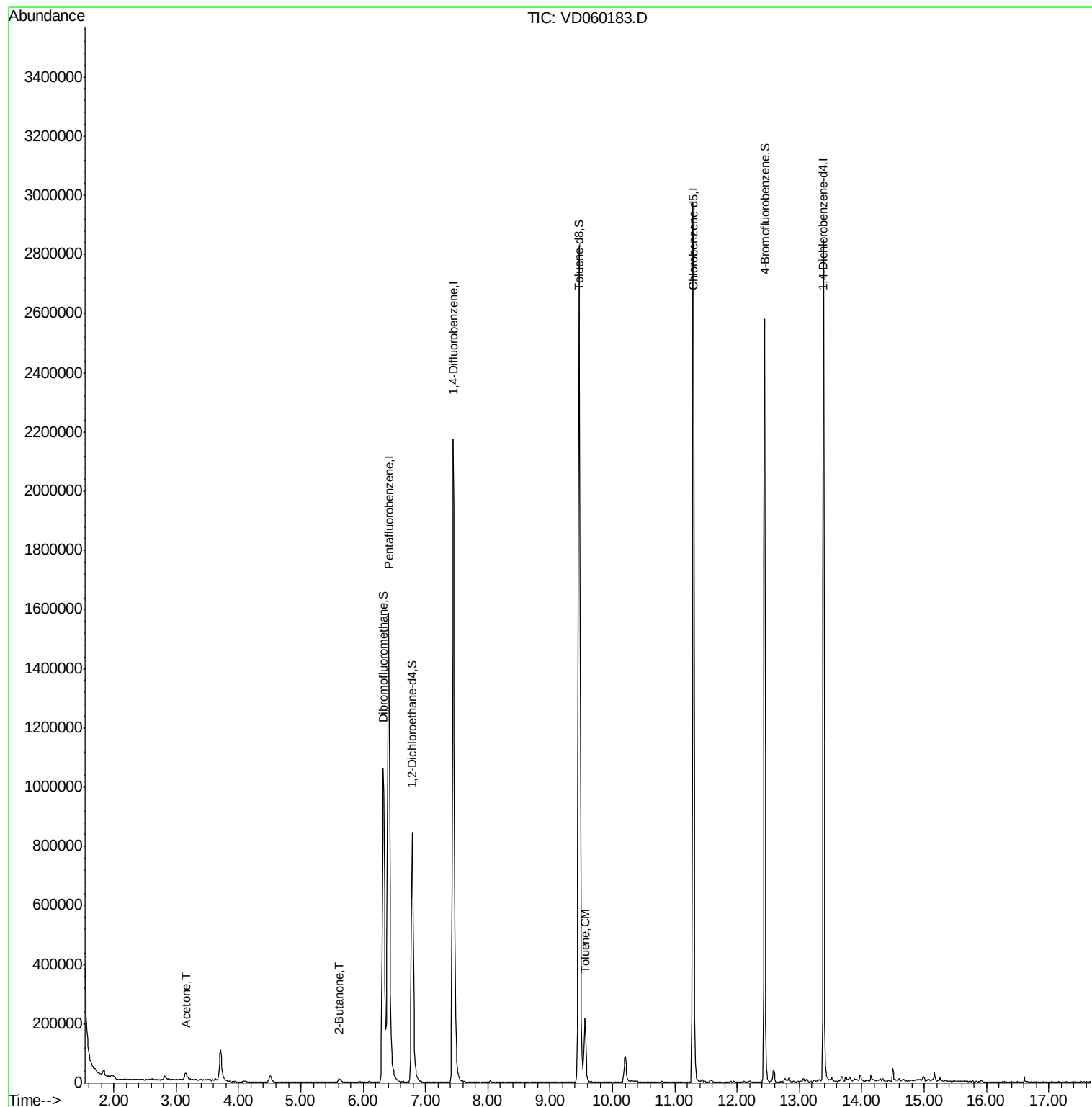
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1584300	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.44	114	2287597	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1706242	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	627822	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	709280	59.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	6.32	113	857827	49.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	9.46	98	2311920	46.67	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.44	95	726442	39.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.34%	
Target Compounds						
16) Acetone	3.15	43	51220	23.505	ug/l	94
25) 2-Butanone	5.61	43	22281	4.093	ug/l	100
52) Toluene	9.56	92	107762	2.926	ug/l	92

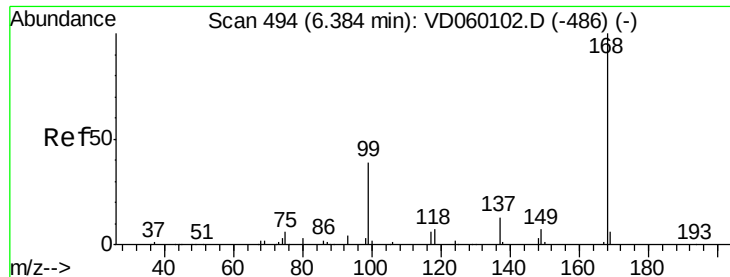
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.41 min Scan# 496

Delta R.T. 0.03 min

Lab File: VD060183.D

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MSVOA_D

ClientSampleId :

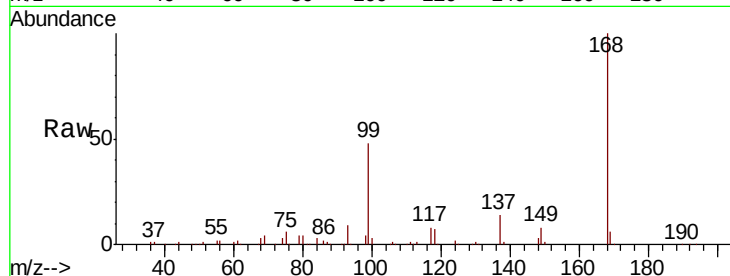
NB-08-102318

Tot Ion:168 Resp: 1584300

Ion Ratio Lower Upper

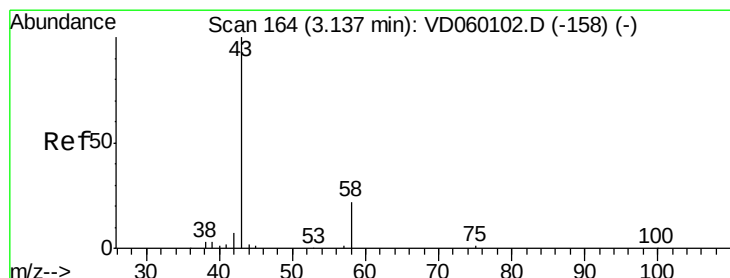
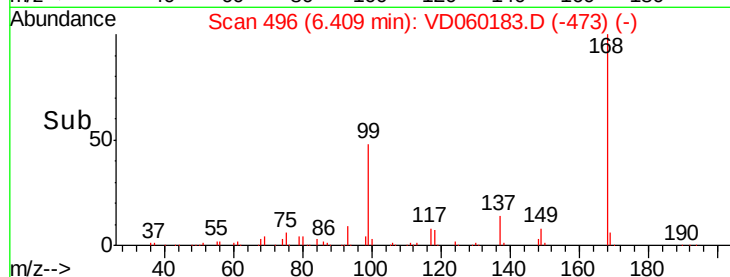
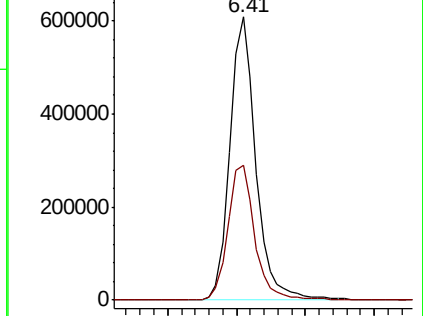
168 100

99 47.6 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: 23.505 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060183.D

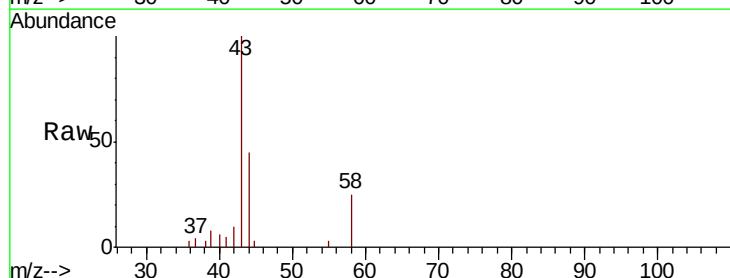
Acq: 24 Oct 2018 15:50

Tgt Ion: 43 Resp: 51220

Ion Ratio Lower Upper

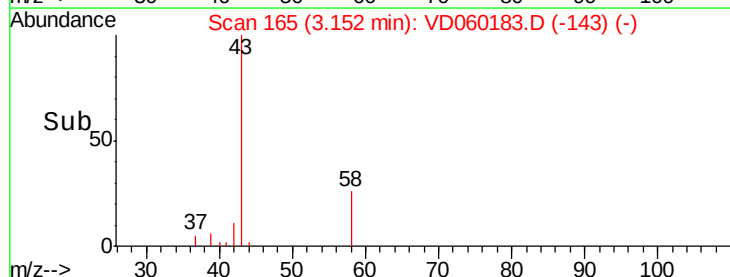
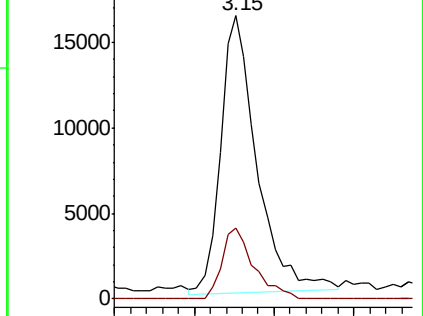
43 100

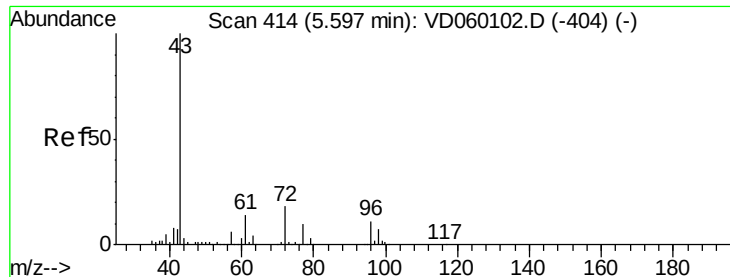
58 25.0 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 4.093 ug/l

RT: 5.61 min Scan# 415

Delta R.T. 0.02 min

Lab File: VD060183.D

Acq: 24 Oct 2018 15:50

Instrument :

MSVOA_D

ClientSampleId :

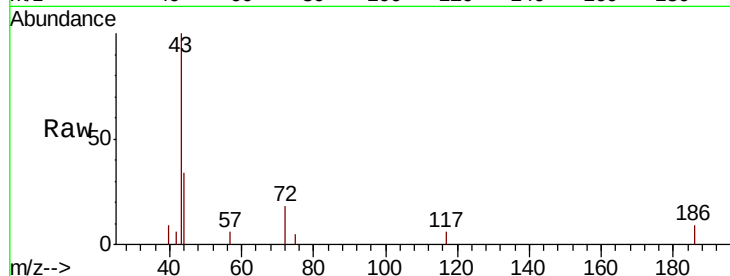
NB-08-102318

Tot Ion: 43 Resp: 22281

Ion Ratio Lower Upper

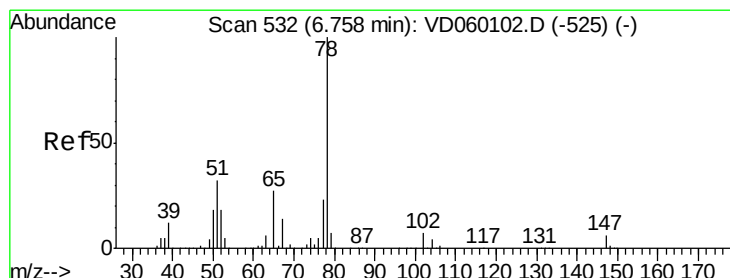
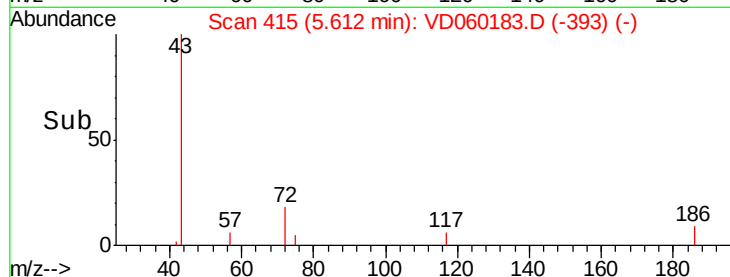
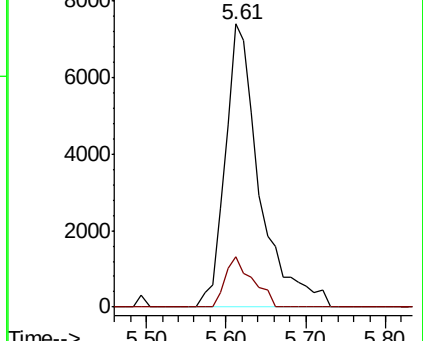
43 100

72 18.0 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.03 min

Lab File: VD060183.D

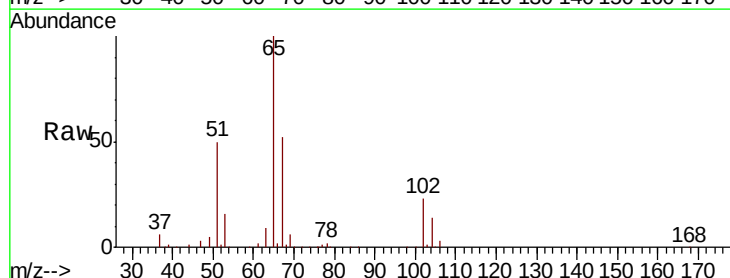
Acq: 24 Oct 2018 15:50

Tgt Ion: 65 Resp: 709280

Ion Ratio Lower Upper

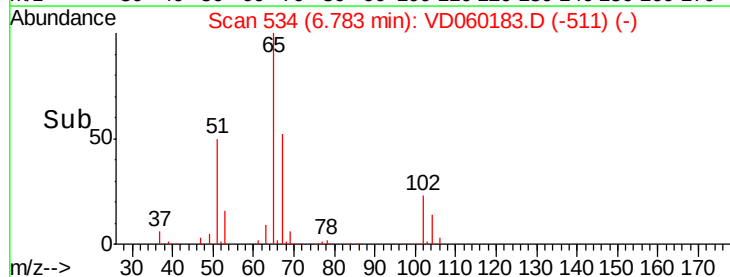
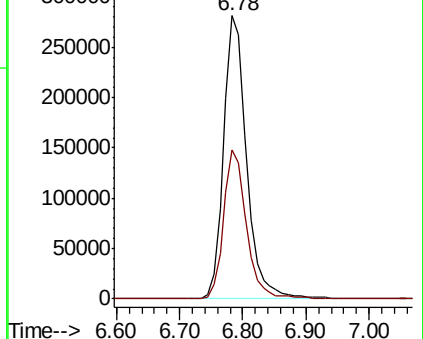
65 100

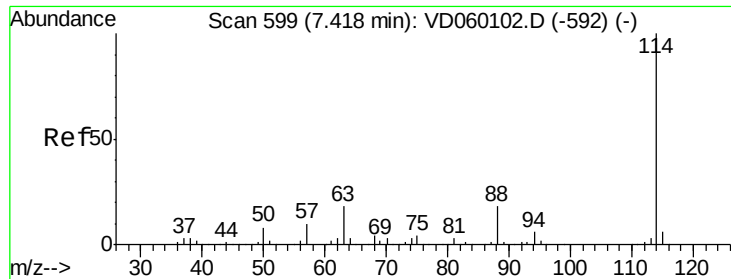
67 52.5 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

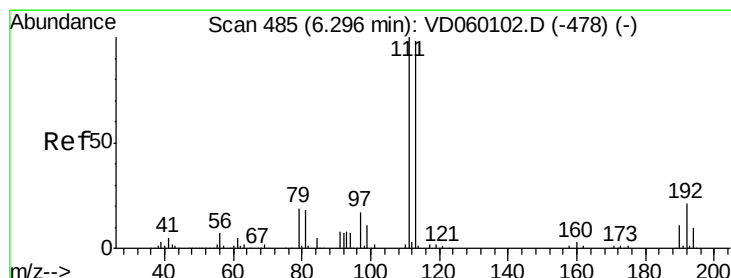
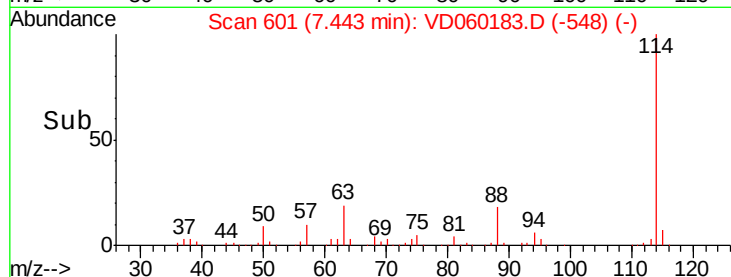
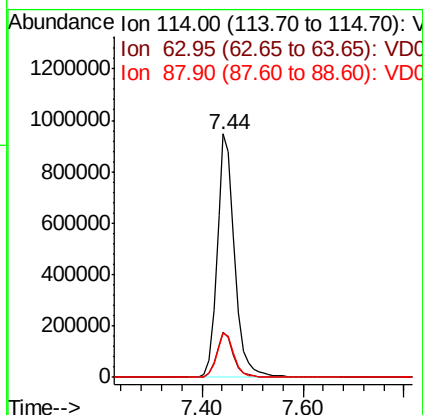
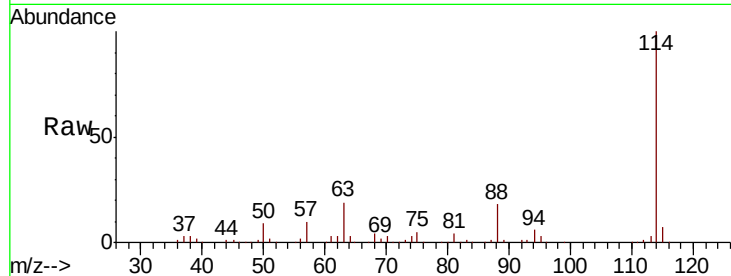




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.03 min
 Lab File: VD060183.D
 Acq: 24 Oct 2018 15:50

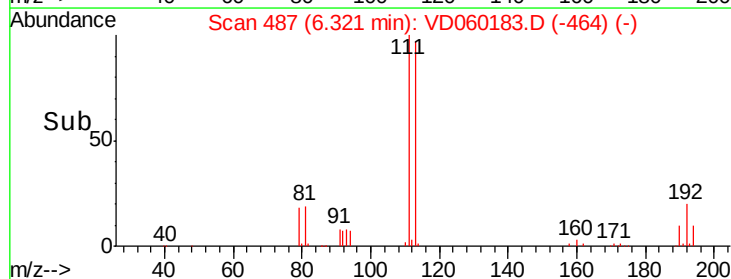
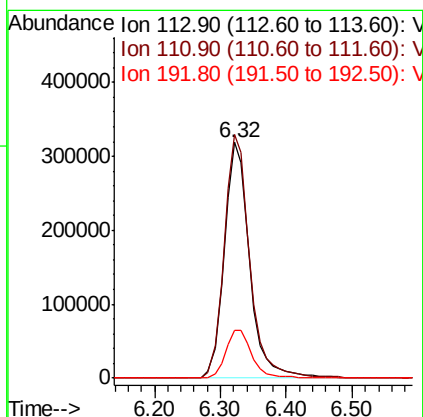
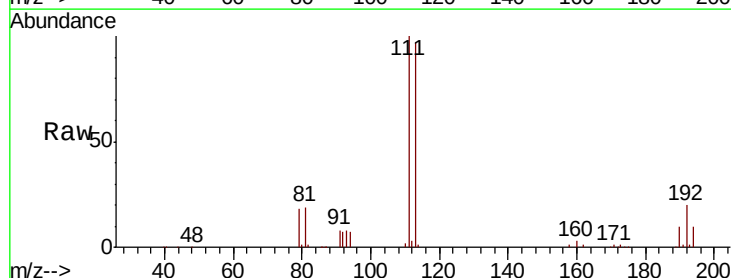
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-102318

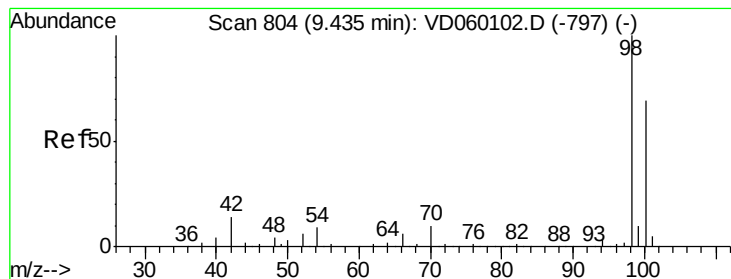
Tot Ion:114 Resp: 2287597
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 18.1 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.03 min
 Lab File: VD060183.D
 Acq: 24 Oct 2018 15:50

Tgt Ion:113 Resp: 857827
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 20.2 17.4 26.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. 0.03 min

Lab File: VD060183.D

Acq: 24 Oct 2018 15:50

Instrument :

MSVOA_D

ClientSampleId :

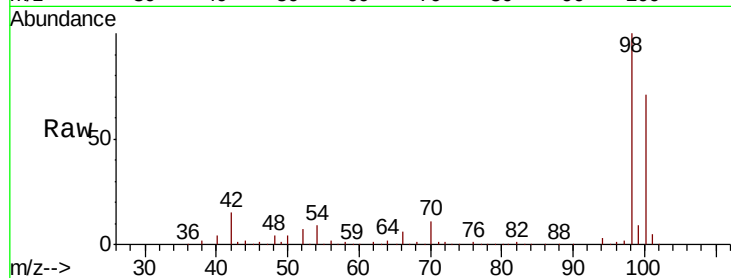
NB-08-102318

Tot Ion: 98 Resp: 2311920

Ion Ratio Lower Upper

98 100

100 70.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

1200000

1000000

800000

600000

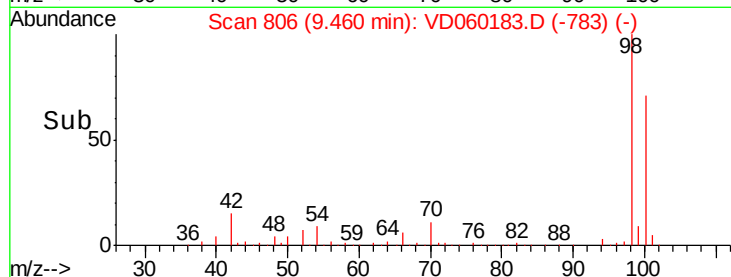
400000

200000

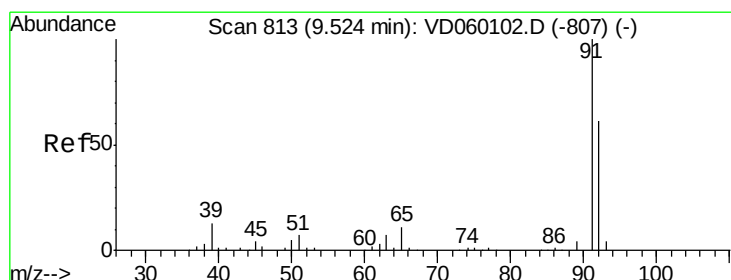
0

9.46

9.30 9.40 9.50 9.60



Time-->



#52

Toluene

Concen: 2.926 ug/l

RT: 9.56 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060183.D

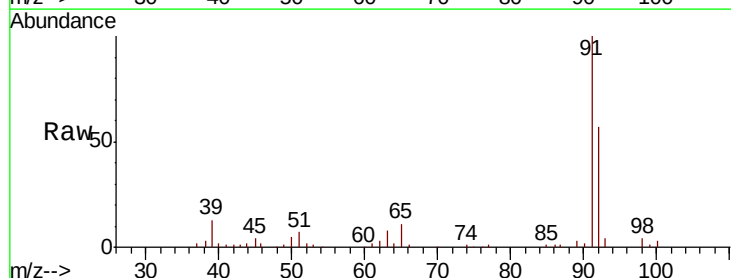
Acq: 24 Oct 2018 15:50

Tgt Ion: 92 Resp: 107762

Ion Ratio Lower Upper

92 100

91 175.5 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VD060102.D (-807) (-)

Ion 91.00 (90.70 to 91.70): VD060102.D (-807) (-)

100000

80000

60000

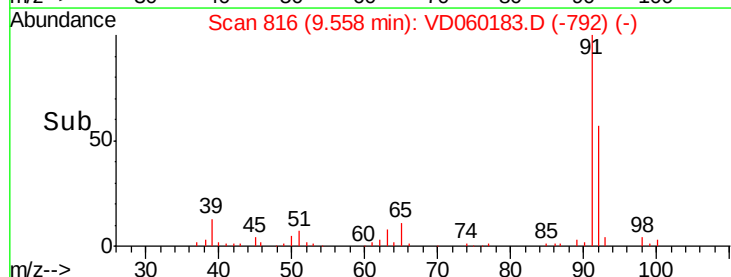
40000

20000

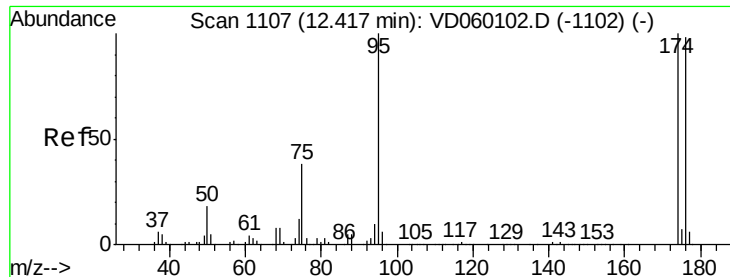
0

9.56

9.50 9.60 9.70



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.03 min

Lab File: VD060183.D

Acq: 24 Oct 2018 15:50

Instrument :

MSVOA_D

ClientSampleId :

NB-08-102318

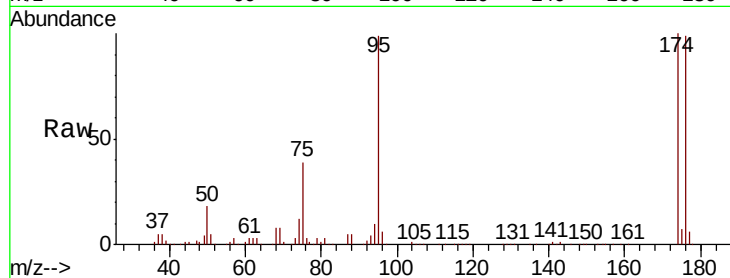
Tot Ion: 95 Resp: 726442

Ion Ratio Lower Upper

95 100

174 101.3 0.0 200.2

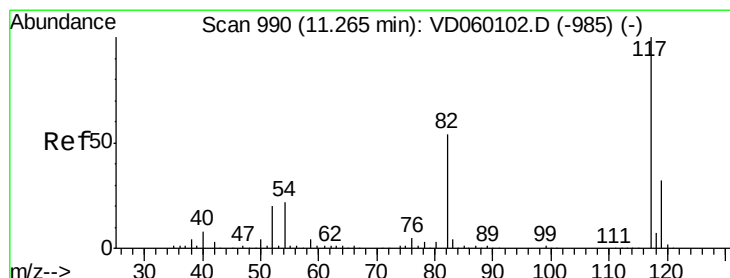
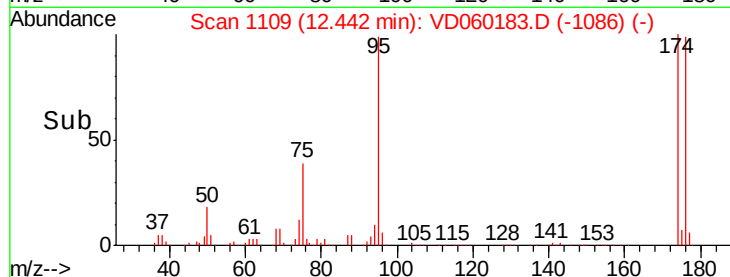
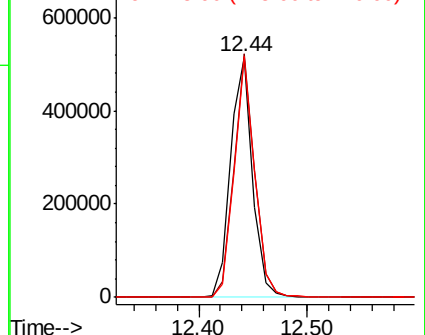
176 100.2 0.0 195.6



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: 11.29 min Scan# 992

Delta R.T. 0.03 min

Lab File: VD060183.D

Acq: 24 Oct 2018 15:50

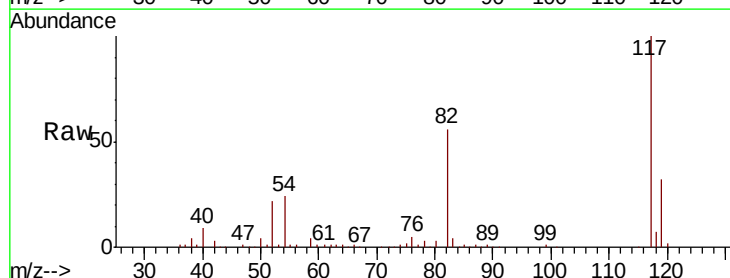
Tgt Ion: 117 Resp: 1706242

Ion Ratio Lower Upper

117 100

82 56.2 43.4 65.2

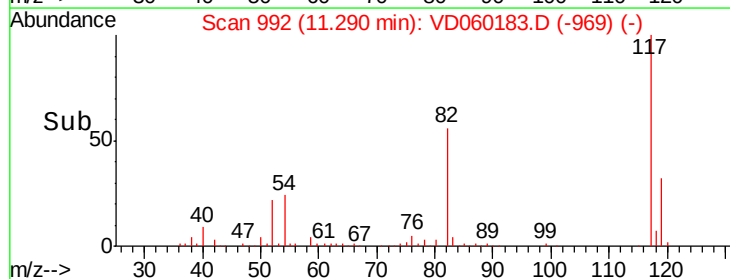
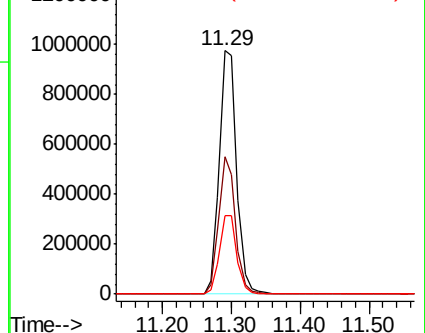
119 32.0 26.0 39.0

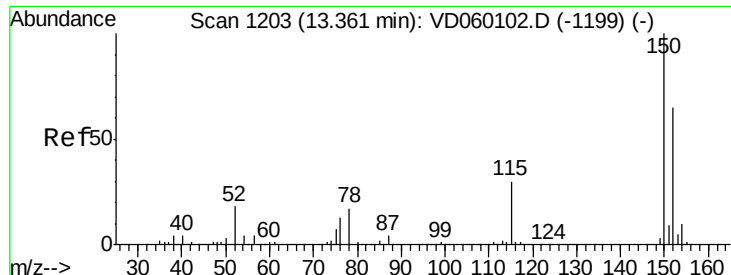


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.39 min Scan# 1205

Delta R.T. 0.03 min

Lab File: VD060183.D

Acq: 24 Oct 2018 15:50

Instrument :

MSVOA_D

ClientSampleId :

NB-08-102318

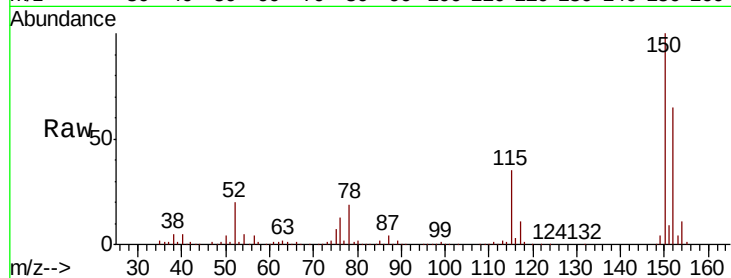
Tot Ion:152 Resp: 627822

Ion Ratio Lower Upper

152 100

115 53.2 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

