

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060623.D
 Acq On : 18 Dec 2018 16:10
 Operator : VA/AP
 Sample : J6397-03
 Misc : 6.99g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB11 0-2

Quant Time: Dec 19 03:09:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

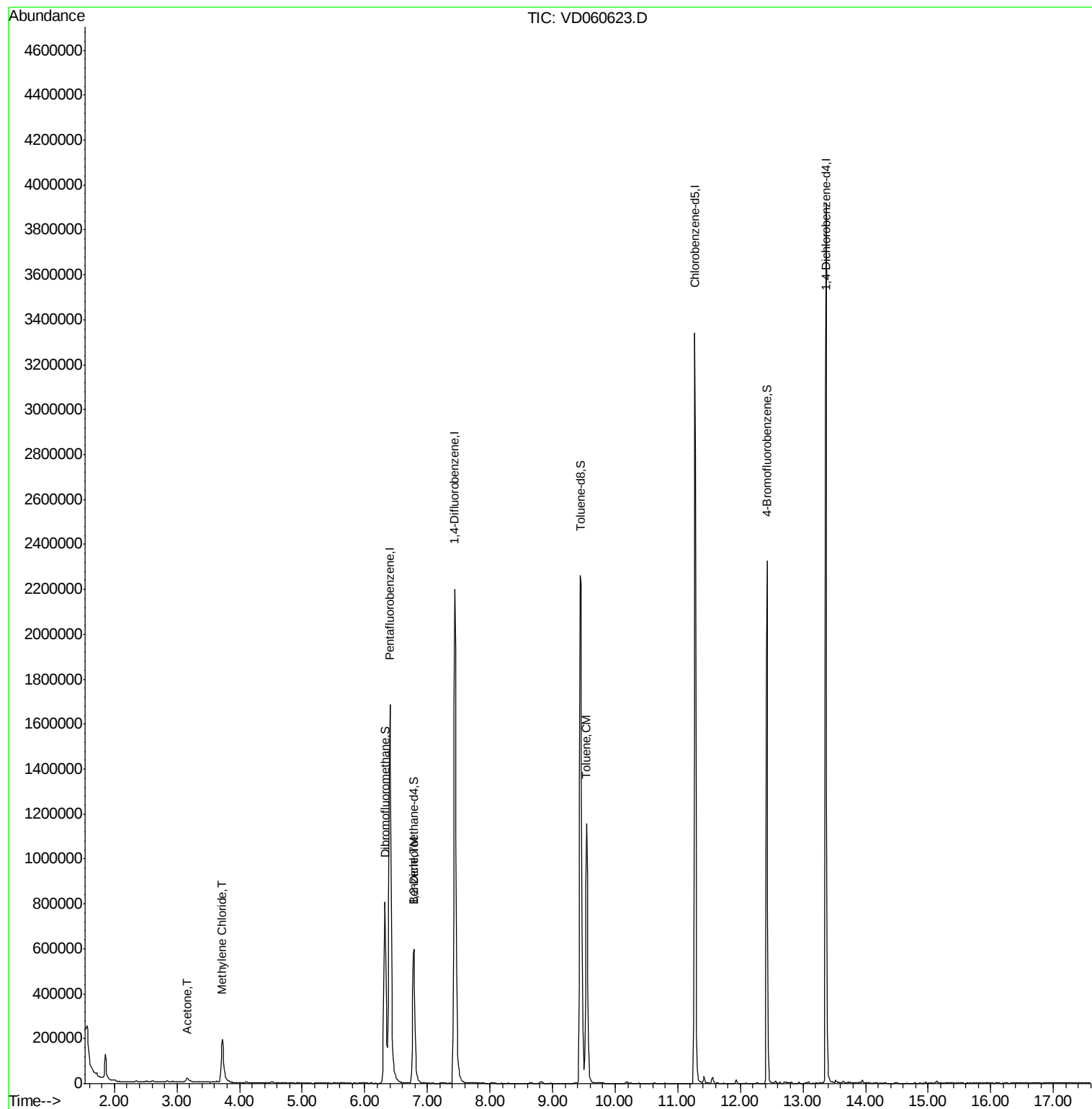
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1685736	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2346451	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1864116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	951355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	480638	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
35) Dibromofluoromethane	6.32	113	653647	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.86%	
50) Toluene-d8	9.45	98	1917162	38.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.88%	
62) 4-Bromofluorobenzene	12.43	95	672723	37.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.40%	
Target Compounds						
16) Acetone	3.16	43	39787	20.774	ug/l	97
20) Methylene Chloride	3.73	84	131453	3.297	ug/l	95
40) Benzene	6.80	78	80404	1.372	ug/l	94
52) Toluene	9.54	92	602652	16.449	ug/l	100

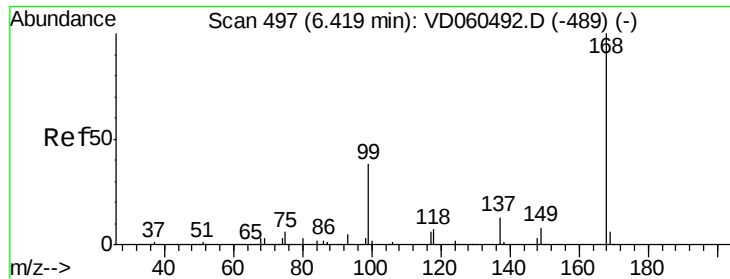
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

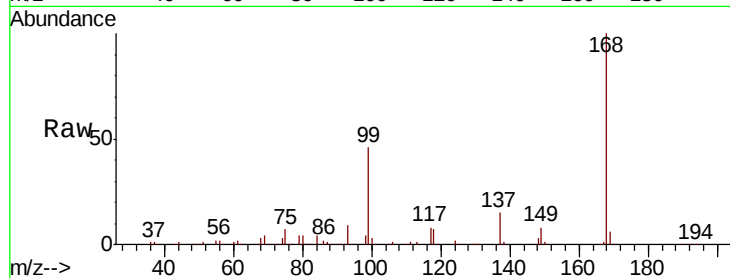
EB11 0-2

Tot Ion:168 Resp: 1685736

Ion Ratio Lower Upper

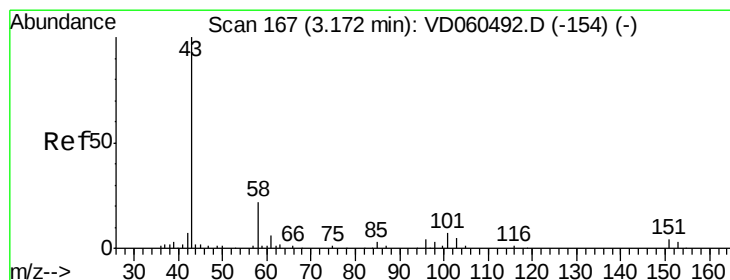
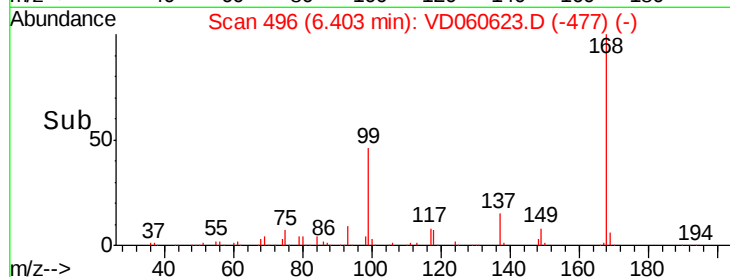
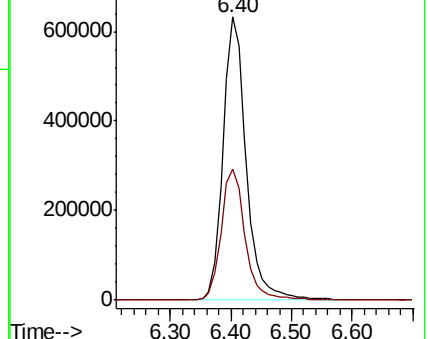
168 100

99 46.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.774 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060623.D

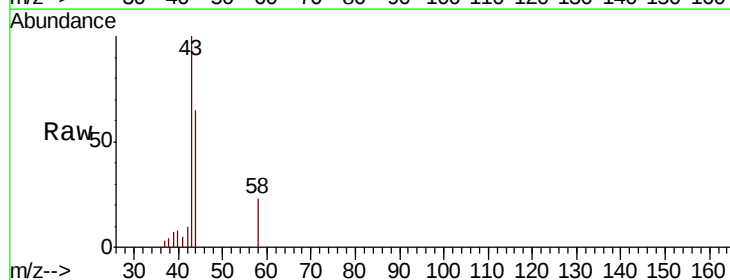
Acq: 18 Dec 2018 16:10

Tgt Ion: 43 Resp: 39787

Ion Ratio Lower Upper

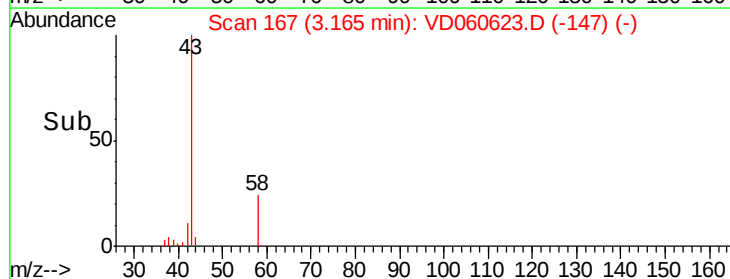
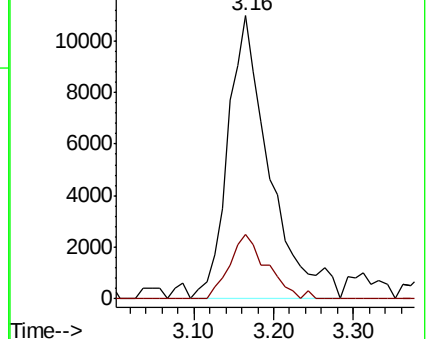
43 100

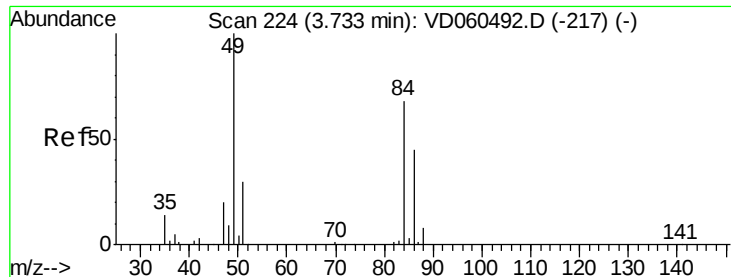
58 22.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

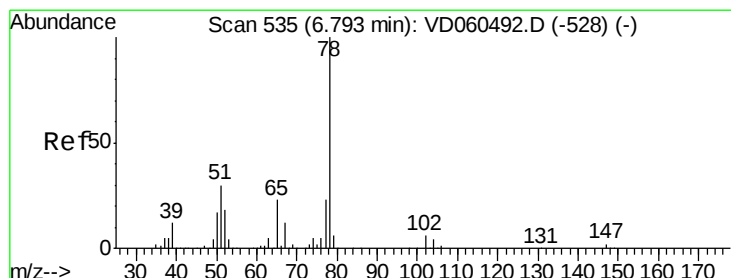
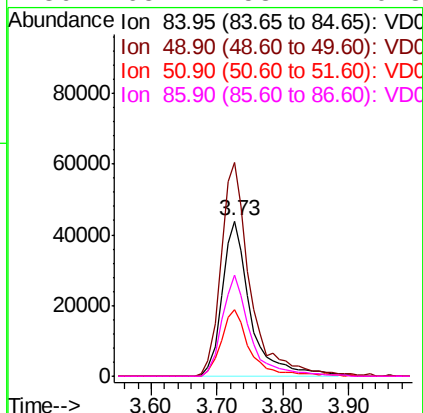
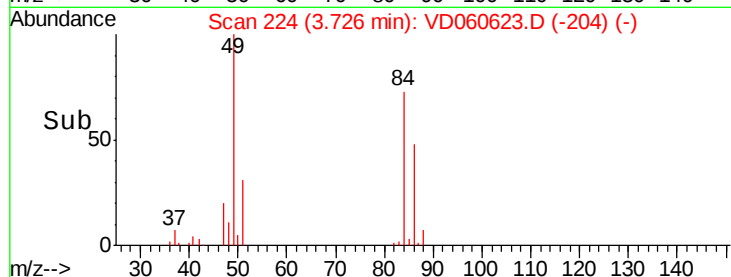
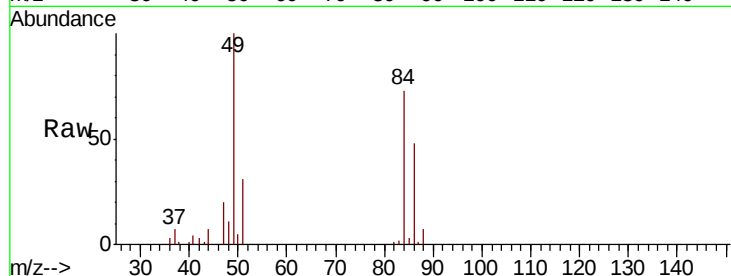




#20
Methvlene Chloride
Concen: 3.297 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

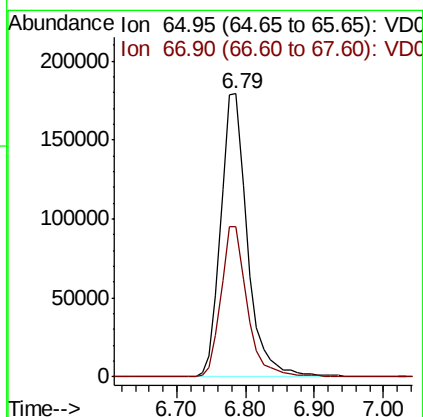
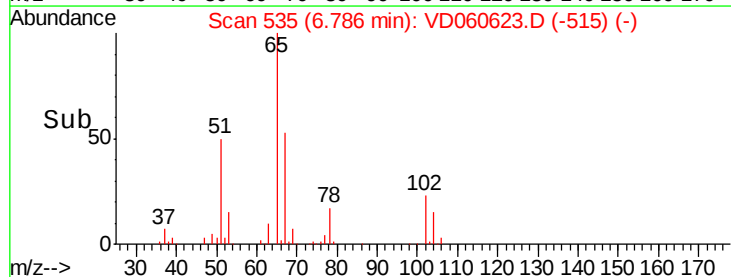
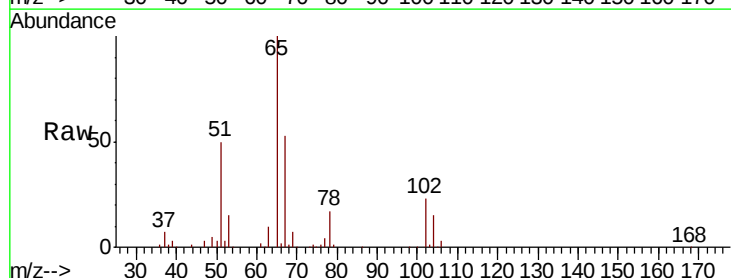
Instrument :
MSVOA_D
ClientSampleId :
EB11 0-2

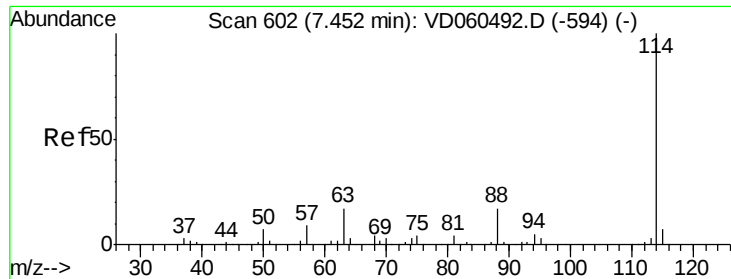
Tot Ion: 84 Resp: 131453
Ion Ratio Lower Upper
84 100
49 137.6 117.2 175.8
51 43.0 35.3 52.9
86 65.4 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Tgt Ion: 65 Resp: 480638
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8

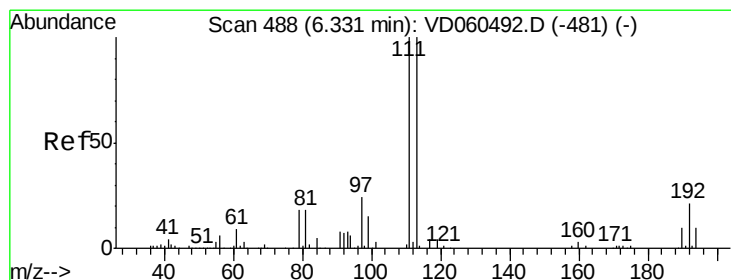
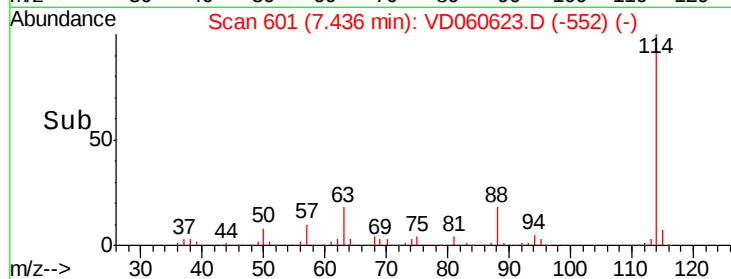
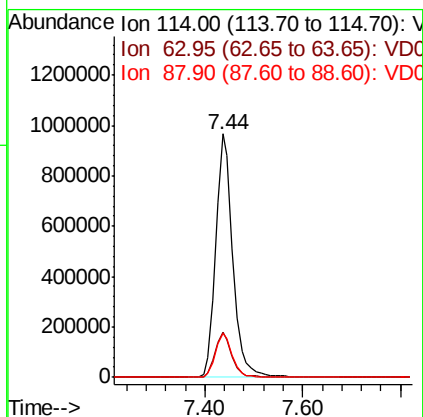
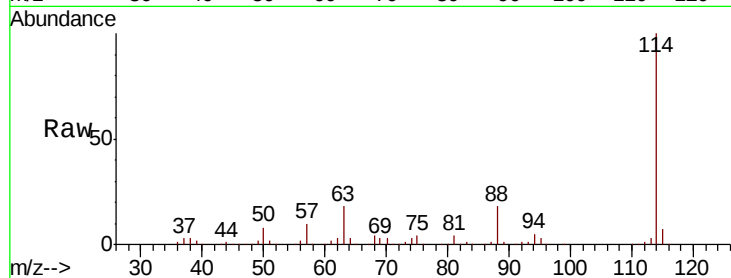




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

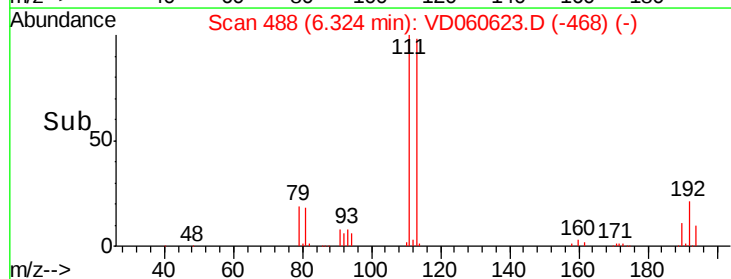
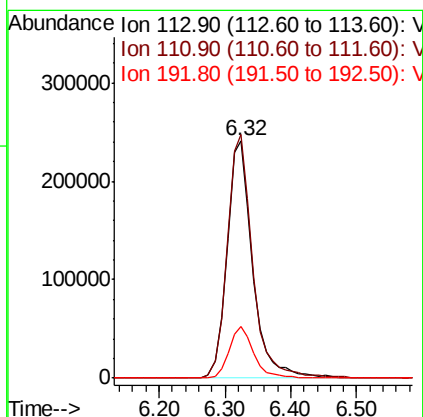
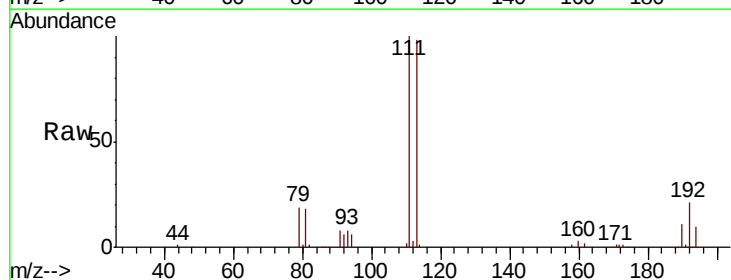
Instrument :
 MSVOA_D
 ClientSampleId :
 EB11_0-2

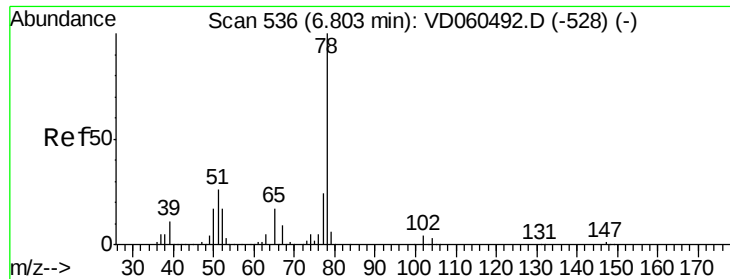
Tot Ion:114 Resp: 2346451
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.2
 88 18.2 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

Tgt Ion:113 Resp: 653647
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.2 120.4
 192 21.7 16.6 24.8





#40

Benzene

Concen: 1.372 ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

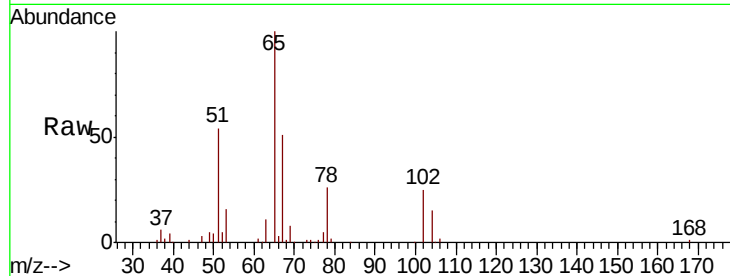
EB11 0-2

Tot Ion: 78 Resp: 80404

Ion Ratio Lower Upper

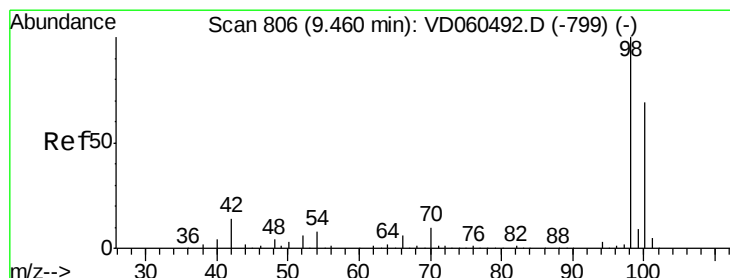
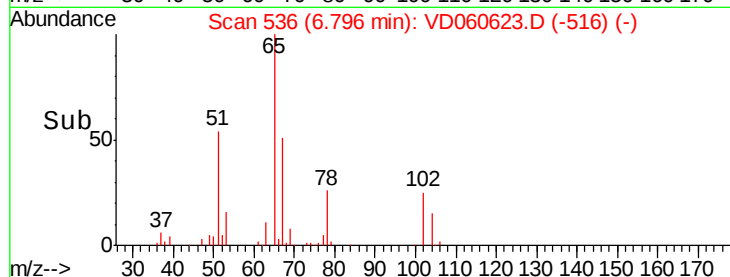
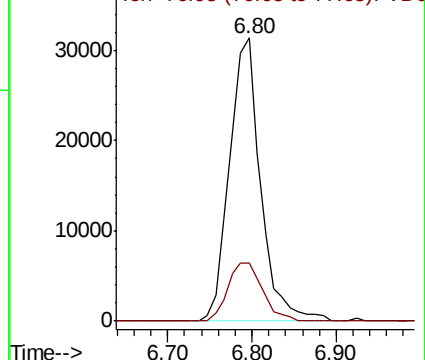
78 100

77 20.5 18.9 28.3



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060623.D

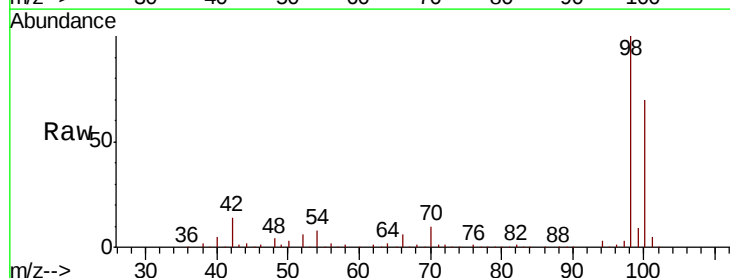
Acq: 18 Dec 2018 16:10

Tgt Ion: 98 Resp: 1917162

Ion Ratio Lower Upper

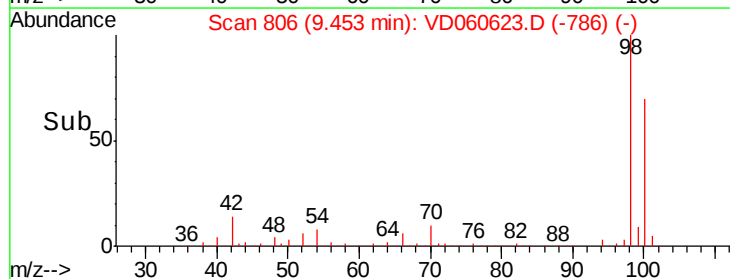
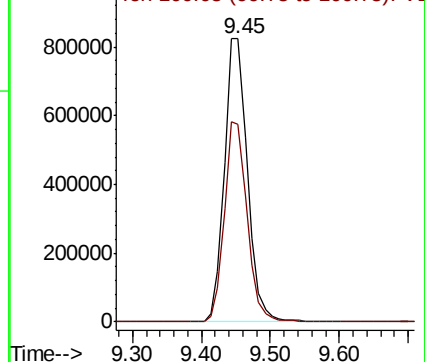
98 100

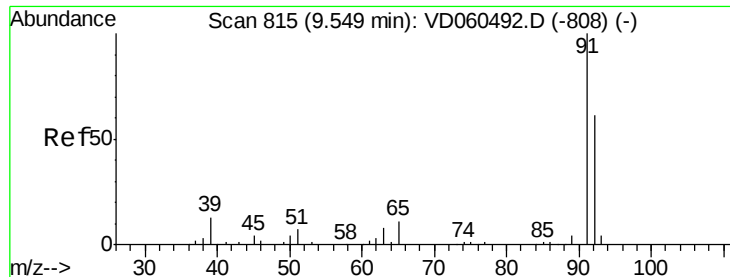
100 70.0 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 16.449 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

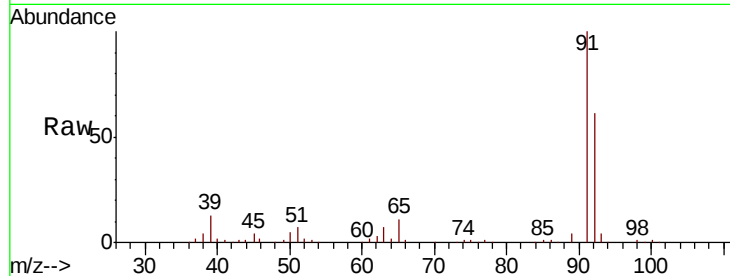
EB11 0-2

Tot Ion: 92 Resp: 602652

Ion Ratio Lower Upper

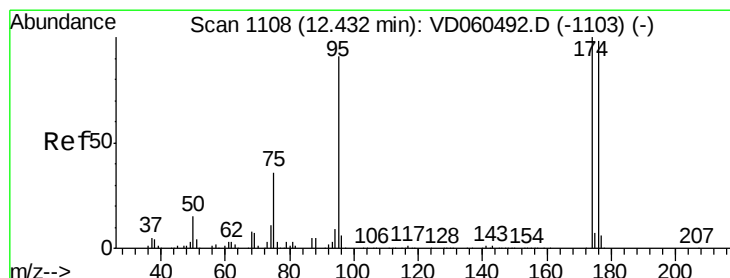
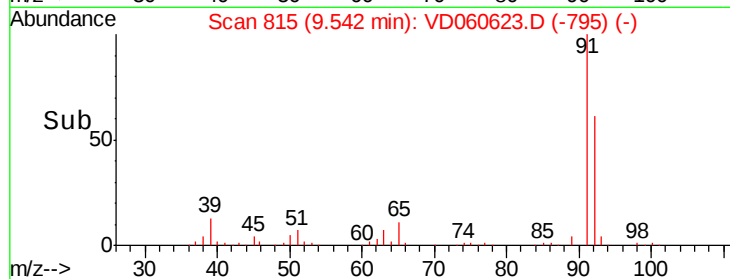
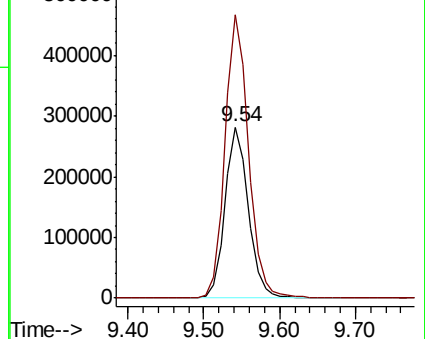
92 100

91 165.2 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

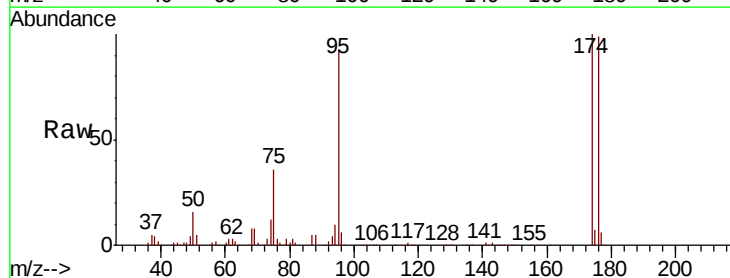
Tgt Ion: 95 Resp: 672723

Ion Ratio Lower Upper

95 100

174 108.0 0.0 219.4

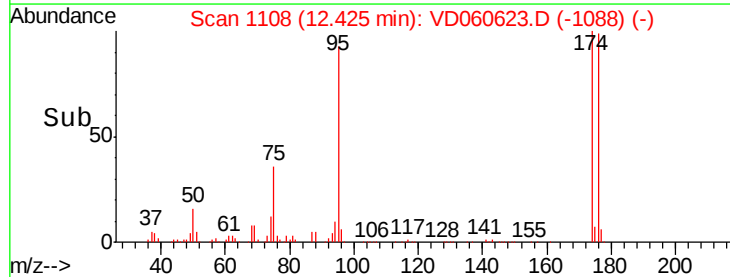
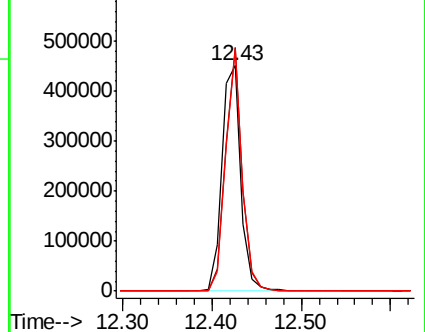
176 107.3 0.0 214.6

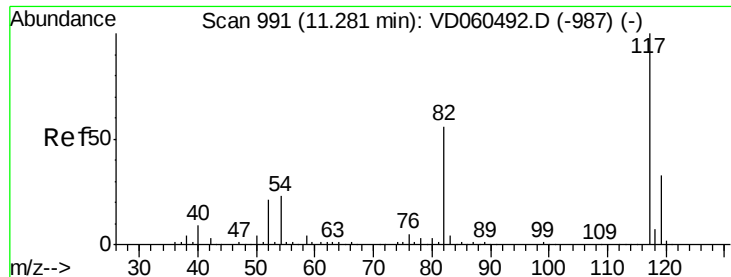


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 11.27 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

EB11 0-2

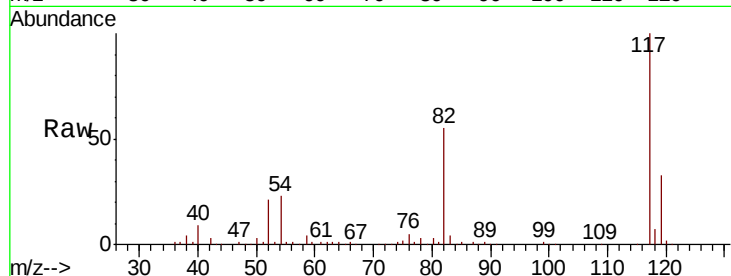
Tot Ion:117 Resp: 1864116

Ion Ratio Lower Upper

117 100

82 55.4 45.2 67.8

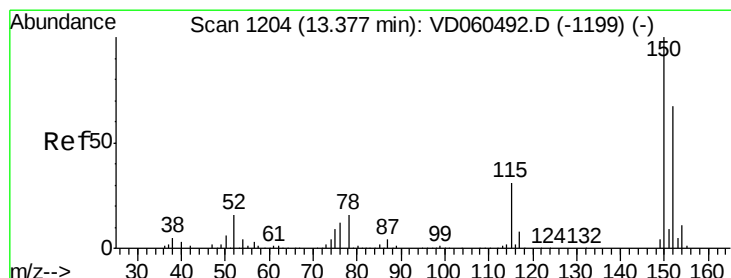
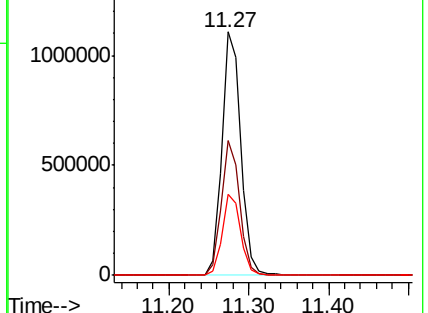
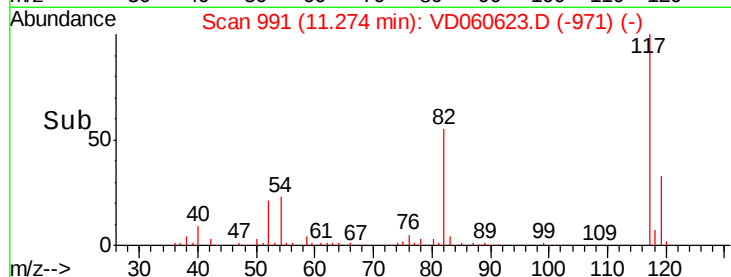
119 33.1 26.1 39.1



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: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

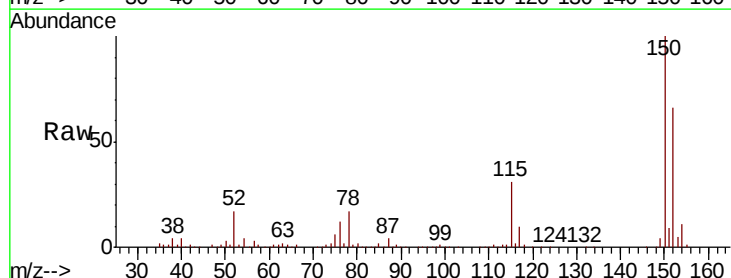
Tgt Ion:152 Resp: 951355

Ion Ratio Lower Upper

152 100

115 47.3 24.6 74.0

150 152.1 0.0 309.0



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

