

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060150.D
 Acq On : 9 Oct 2018 14:48
 Operator : VA/AP
 Sample : J5200-05
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-100818-A

Quant Time: Oct 10 01:32:37 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

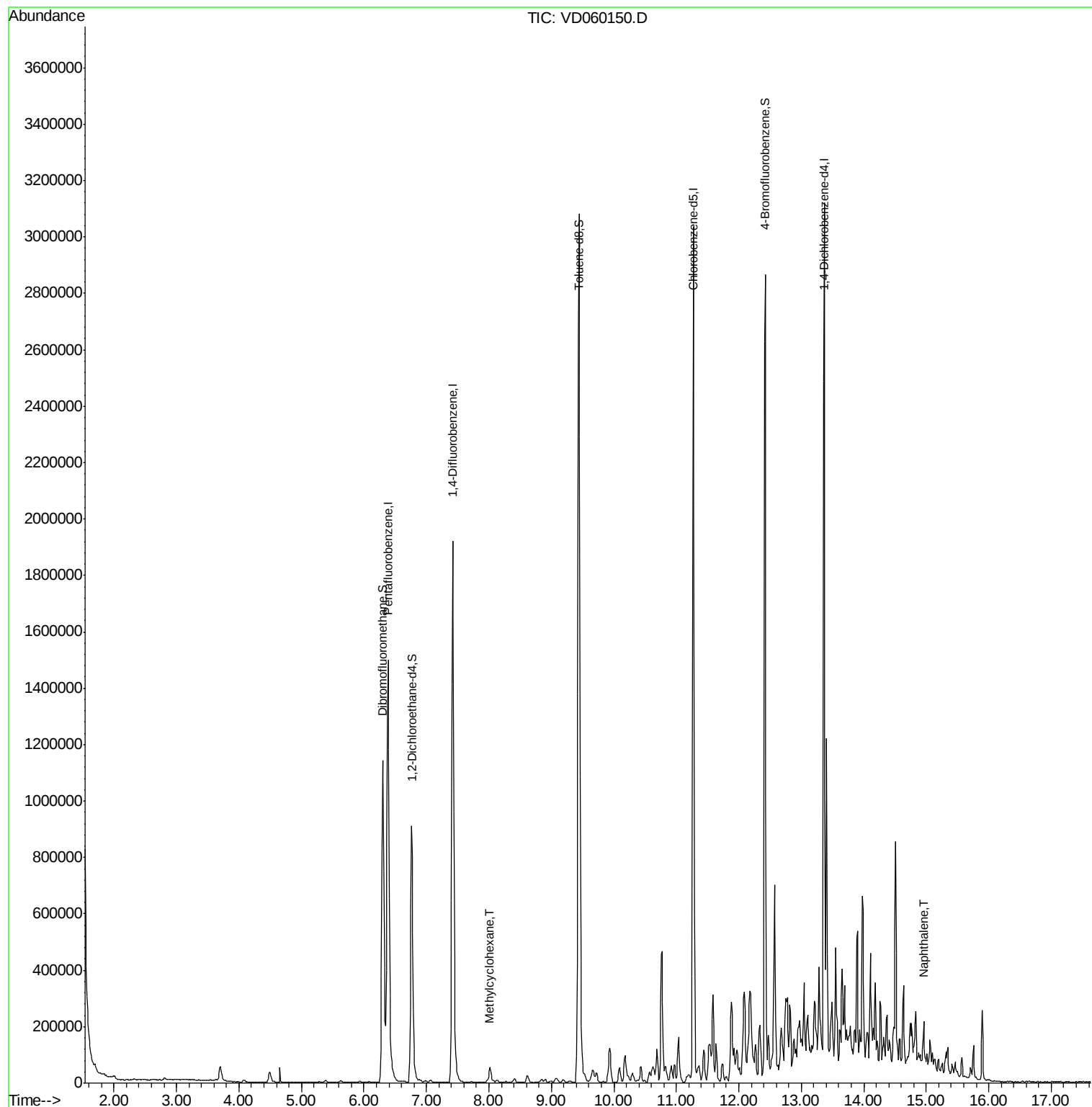
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1481726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2015478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1592941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	730675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	743971	66.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.48%	
35) Dibromofluoromethane	6.30	113	923200	60.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.64%	
50) Toluene-d8	9.44	98	2469789	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
62) 4-Bromofluorobenzene	12.41	95	885111	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
Target Compounds						
39) Methylcyclohexane	8.02	83	26819	1.226	ug/l	93
95) Naphthalene	14.96	128	89229	3.456	ug/l	98

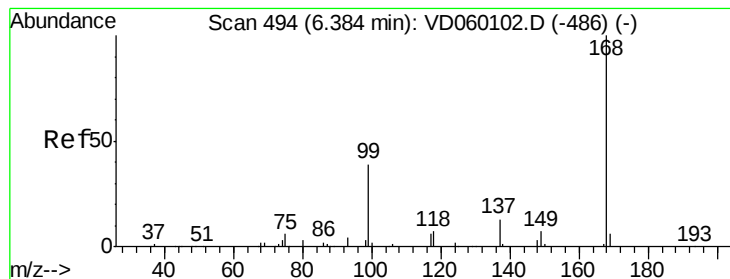
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060150.D

Acq: 9 Oct 2018 14:48

Instrument :

MSVOA_D

ClientSampleId :

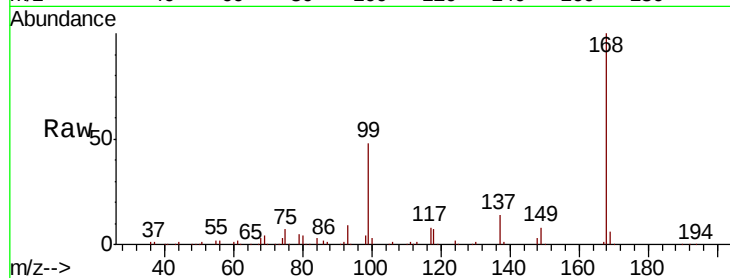
OR-03-100818-A

Tot Ion:168 Resp: 1481726

Ion Ratio Lower Upper

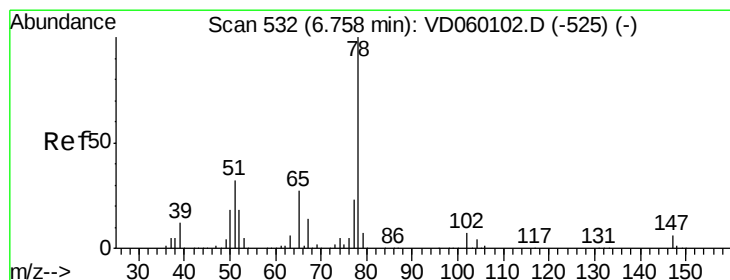
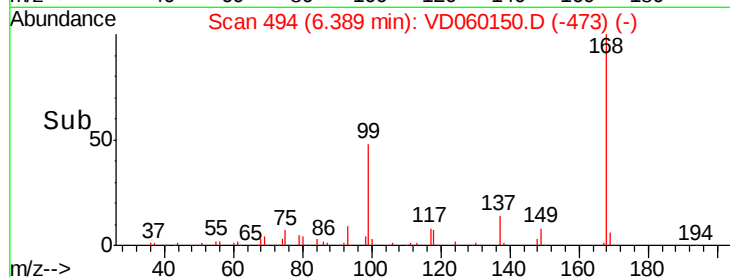
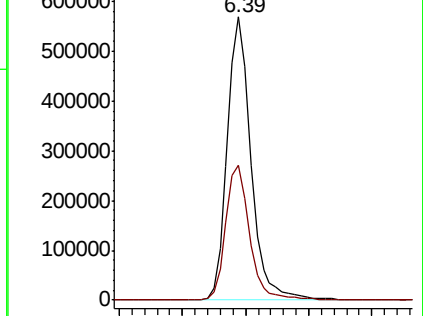
168 100

99 47.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD060150.D

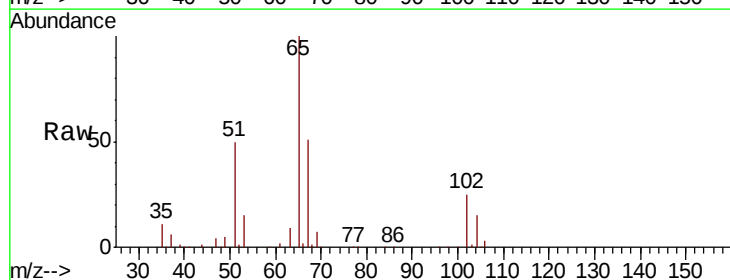
Acq: 9 Oct 2018 14:48

Tgt Ion: 65 Resp: 743971

Ion Ratio Lower Upper

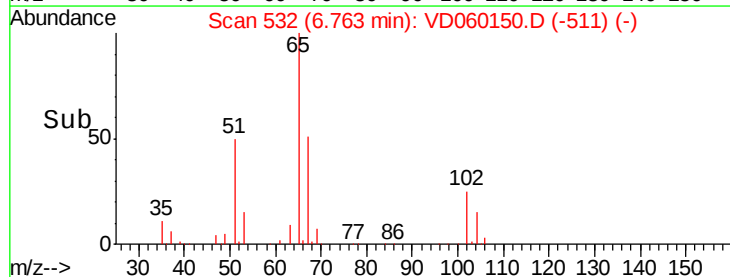
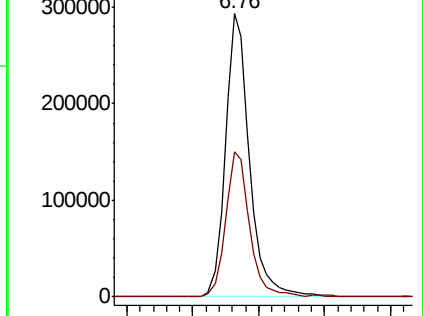
65 100

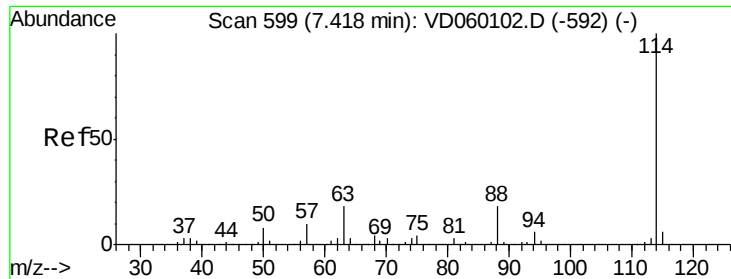
67 51.1 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

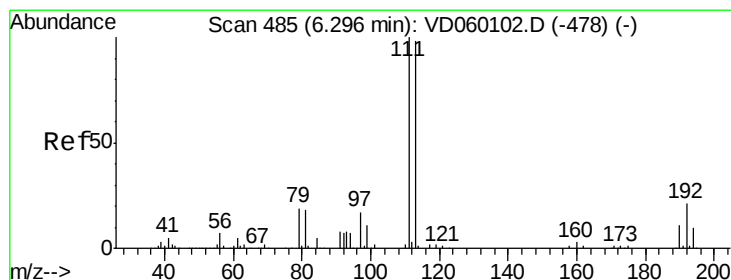
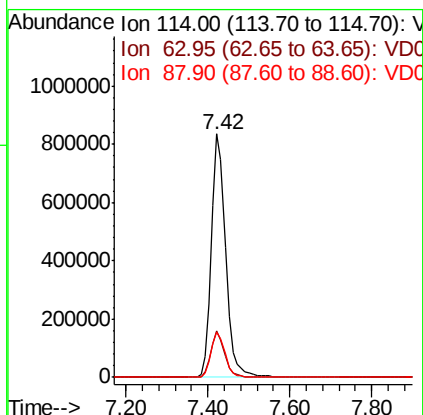
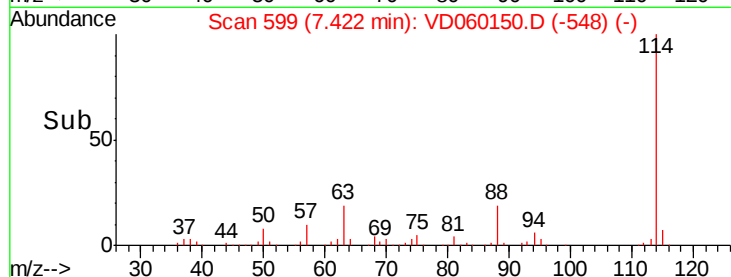
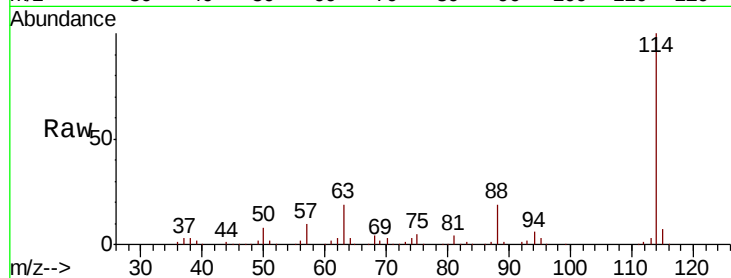




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060150.D
 Acq: 9 Oct 2018 14:48

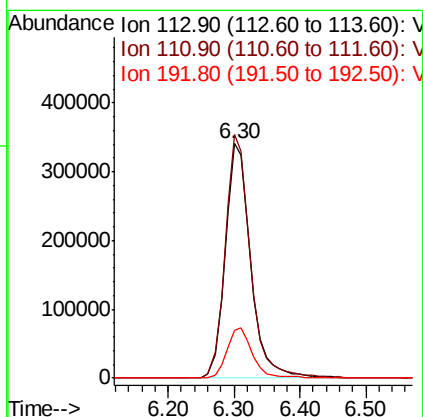
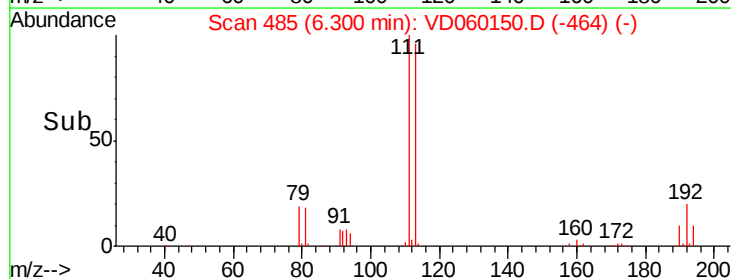
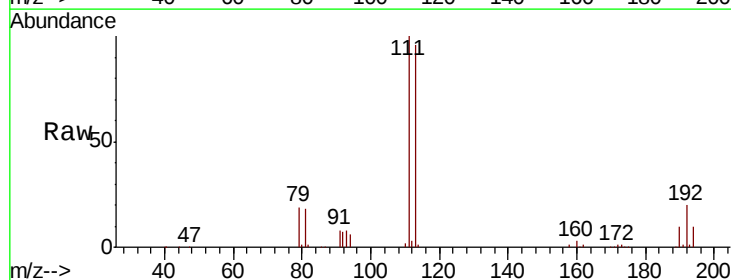
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-100818-A

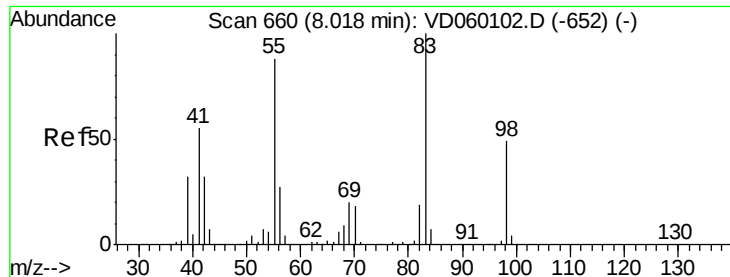
Tot Ion:114 Resp: 2015478
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 18.7 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: VD060150.D
 Acq: 9 Oct 2018 14:48

Tgt Ion:113 Resp: 923200
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.5 122.3
 192 20.7 17.4 26.0

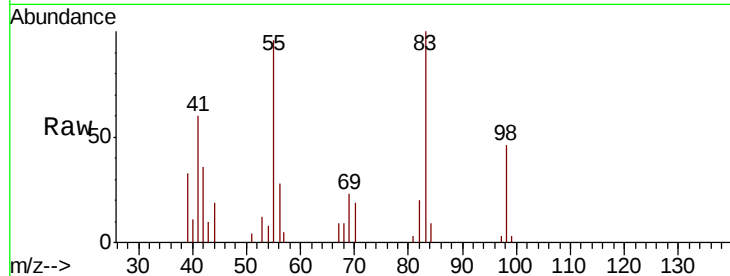




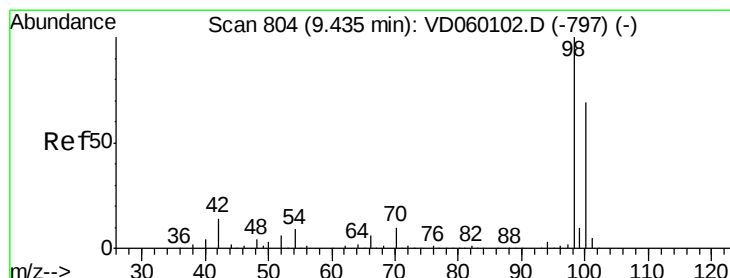
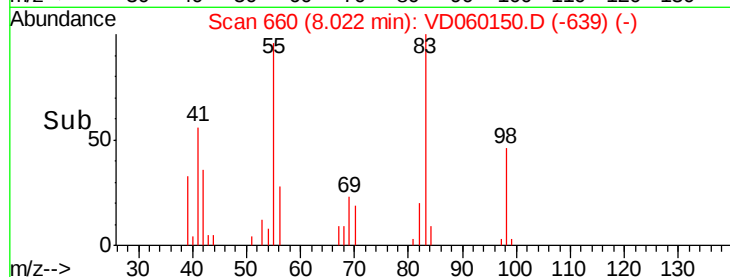
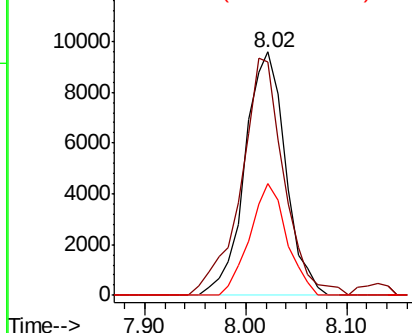
#39
Methylcyclohexane
Concen: 1.226 ug/l
RT: 8.02 min Scan# 660
Delta R.T. 0.00 min
Lab File: VD060150.D
Acq: 9 Oct 2018 14:48

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

Tot Ion: 83 Resp: 26819
Ion Ratio Lower Upper
83 100
55 95.9 70.5 105.7
98 45.8 39.4 59.2

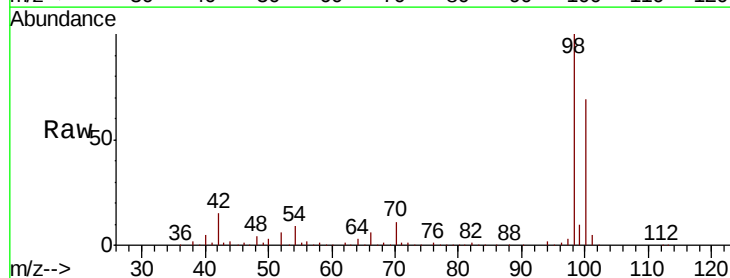


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

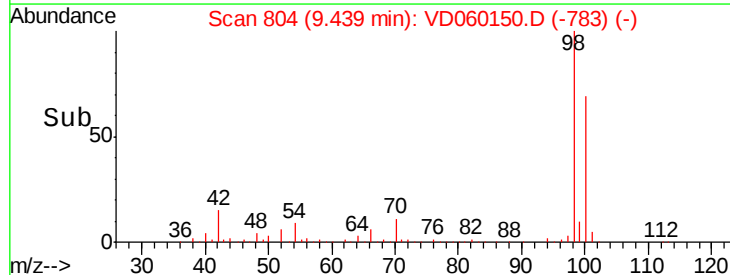
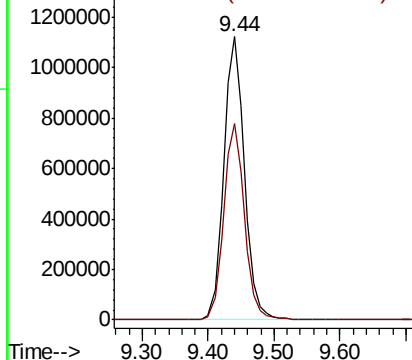


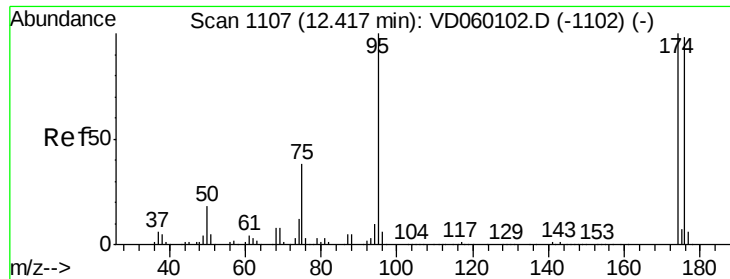
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. 0.00 min
Lab File: VD060150.D
Acq: 9 Oct 2018 14:48

Tgt Ion: 98 Resp: 2469789
Ion Ratio Lower Upper
98 100
100 69.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

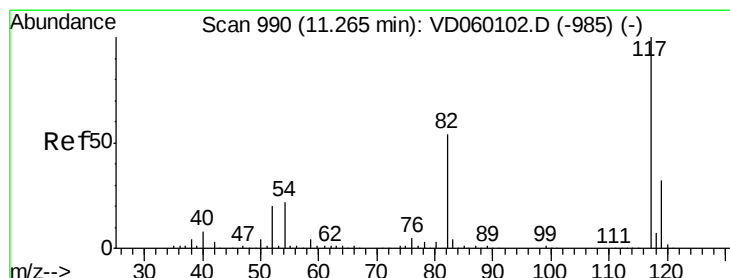
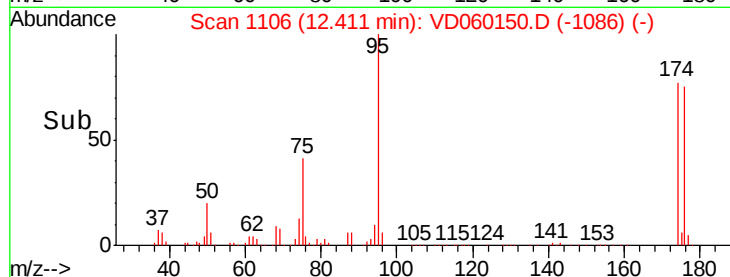
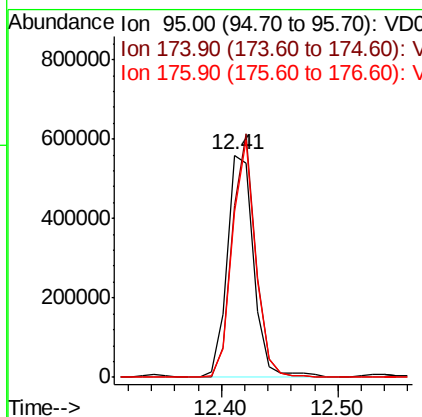
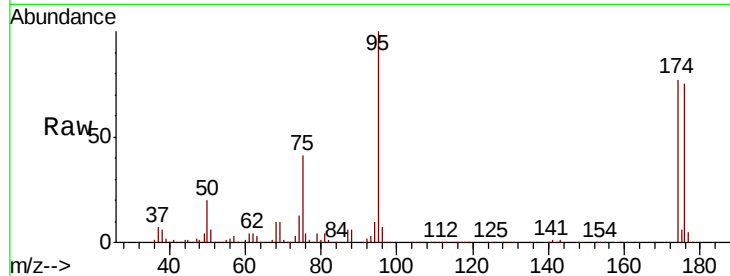




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060150.D
Acq: 9 Oct 2018 14:48

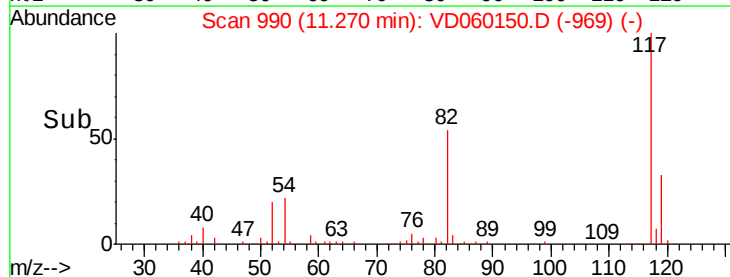
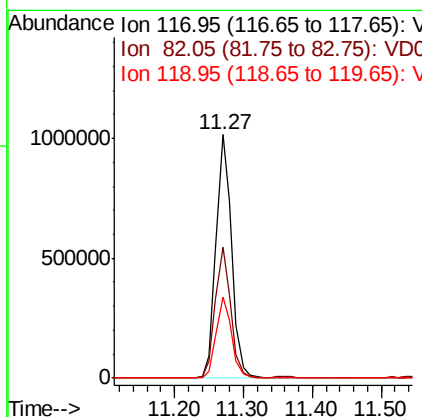
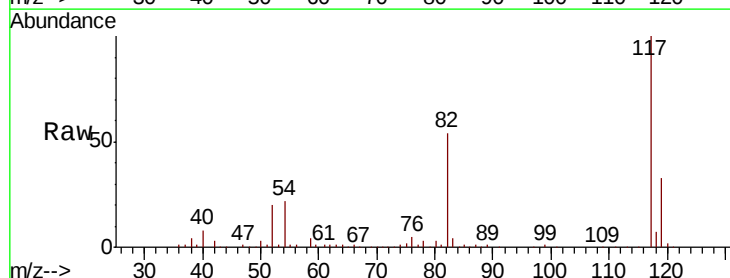
Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

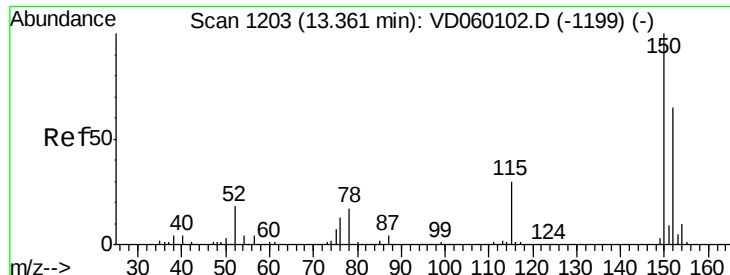
Tot Ion: 95 Resp: 885111
Ion Ratio Lower Upper
95 100
174 77.2 0.0 200.2
176 74.5 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VD060150.D
Acq: 9 Oct 2018 14:48

Tgt Ion: 117 Resp: 1592941
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.2
119 33.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060150.D

Acq: 9 Oct 2018 14:48

Instrument :

MSVOA_D

ClientSampleId :

OR-03-100818-A

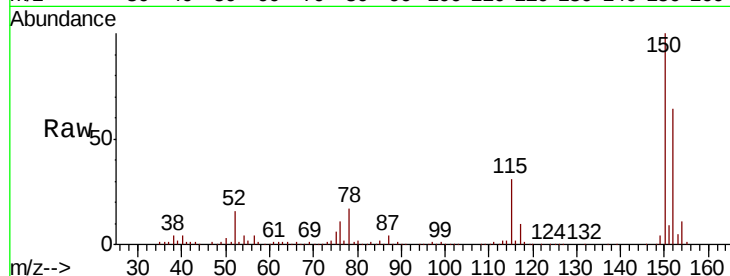
Tot Ion:152 Resp: 730675

Ion Ratio Lower Upper

152 100

115 48.2 27.1 81.2

150 155.5 0.0 311.8

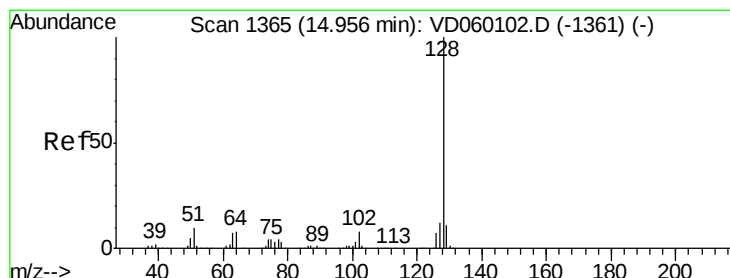
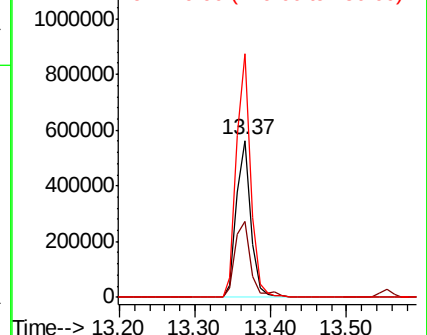
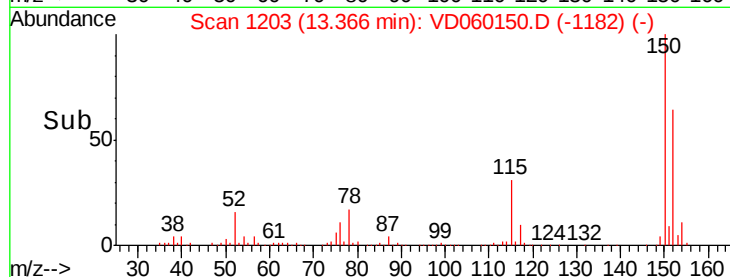


Abundance

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



#95

Naphthalene

Concen: 3.456 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD060150.D

Acq: 9 Oct 2018 14:48

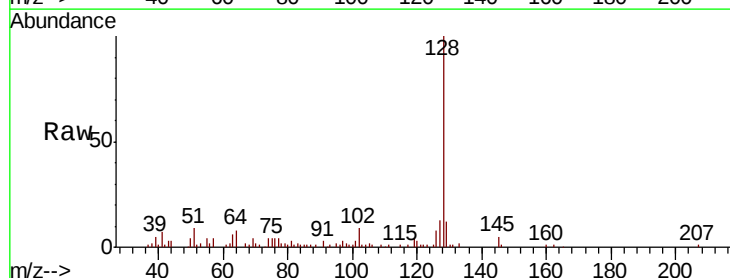
Tgt Ion:128 Resp: 89229

Ion Ratio Lower Upper

128 100

127 13.0 9.9 14.9

129 11.7 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

