

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060918.D
 Acq On : 4 Mar 2019 12:32
 Operator : VA/AP
 Sample : VD0304SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Quant Time: Mar 05 02:08:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

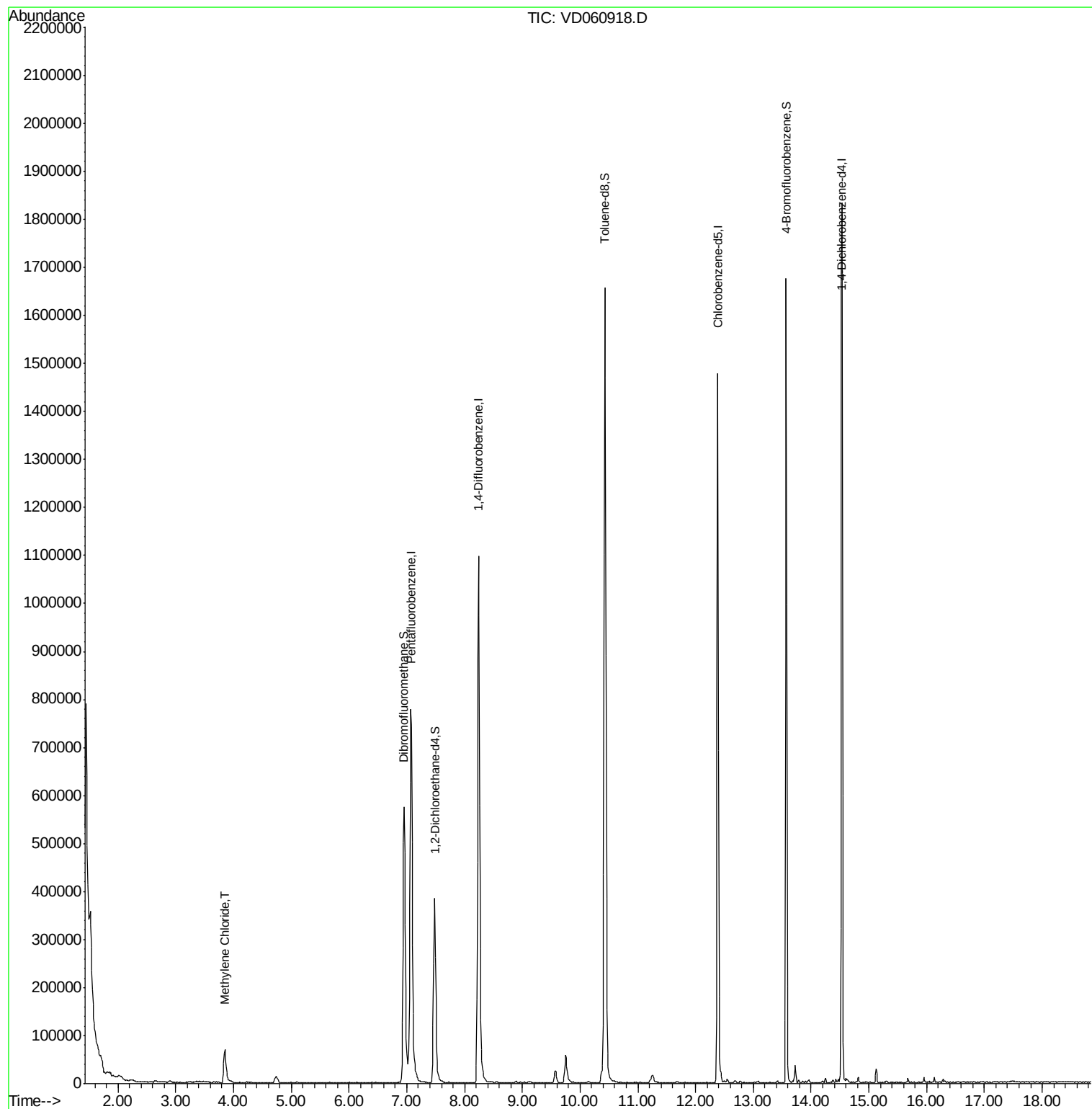
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	827805	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1387527	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	1066561	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	477272	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	349994	51.14	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	6.95	113	552790	49.69	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.43	98	1447409	52.29	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	13.57	95	520772	49.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
20) Methylene Chloride	3.85	84	52195	1.275	ug/l	Qvalue 94

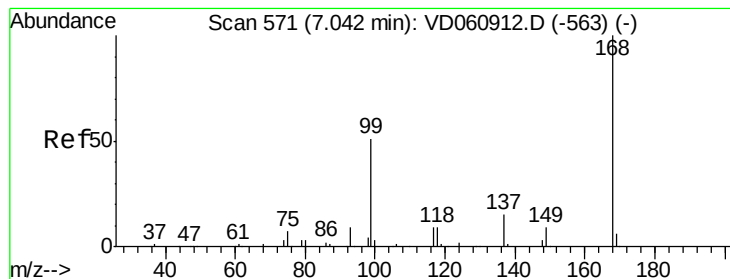
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD060918.D

Acq: 4 Mar 2019 12:32

Instrument :

MSVOA_D

ClientSampleId :

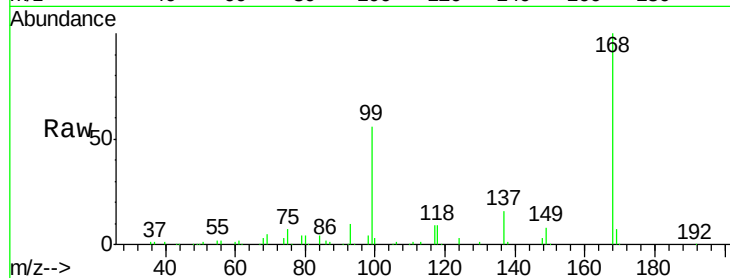
VD0304SBL01

Tot Ion:168 Resp: 827805

Ion Ratio Lower Upper

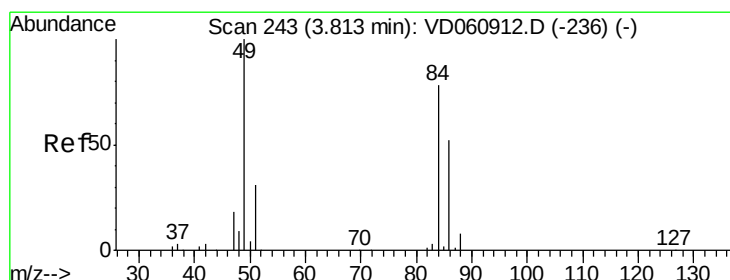
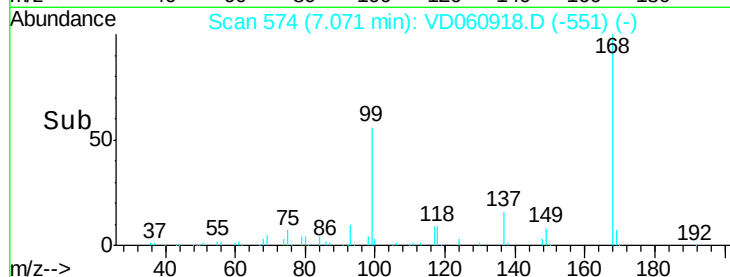
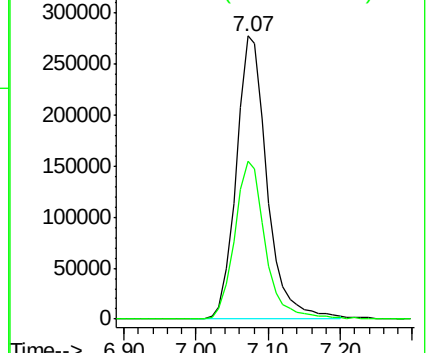
168 100

99 55.9 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.275 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.04 min

Lab File: VD060918.D

Acq: 4 Mar 2019 12:32

Tgt Ion: 84 Resp: 52195

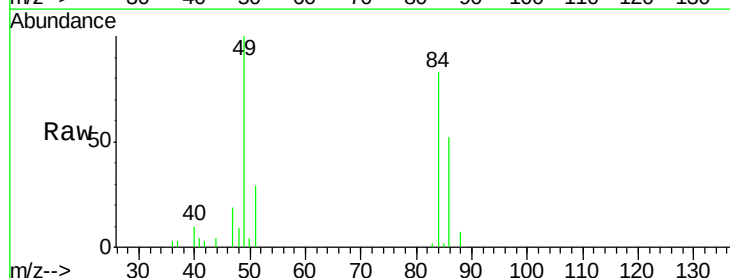
Ion Ratio Lower Upper

84 100

49 120.3 102.4 153.6

51 34.9 31.9 47.9

86 62.4 53.1 79.7

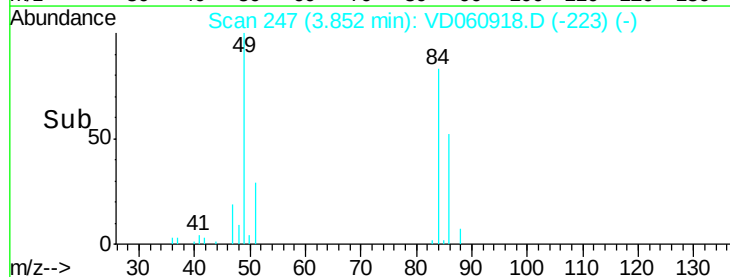
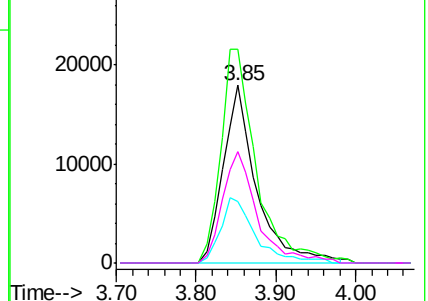


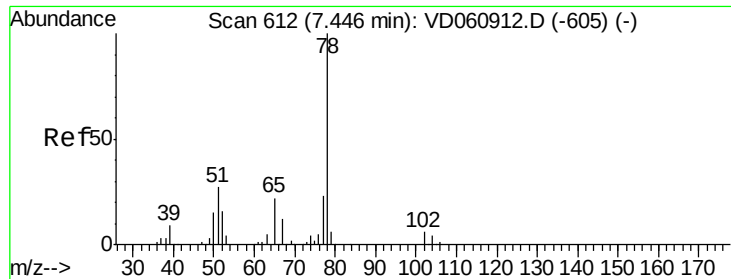
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

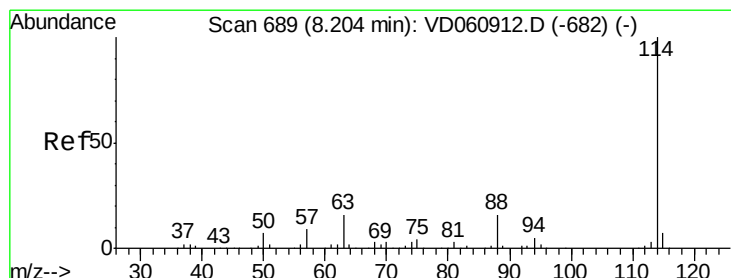
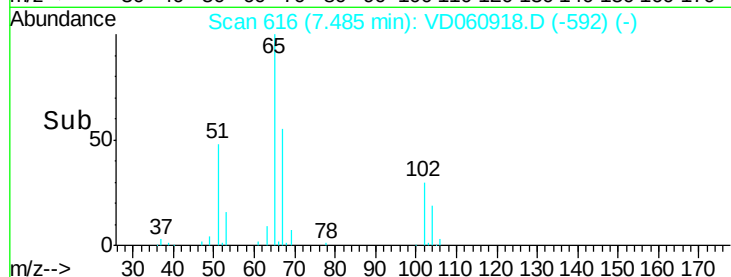
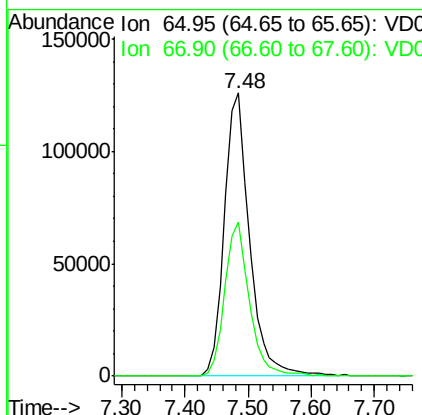
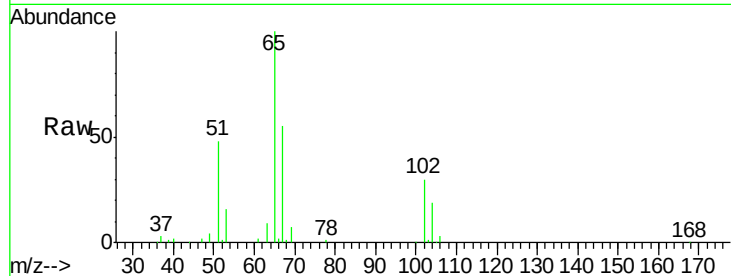




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 616
 Delta R.T. 0.04 min
 Lab File: VD060918.D
 Acq: 4 Mar 2019 12:32

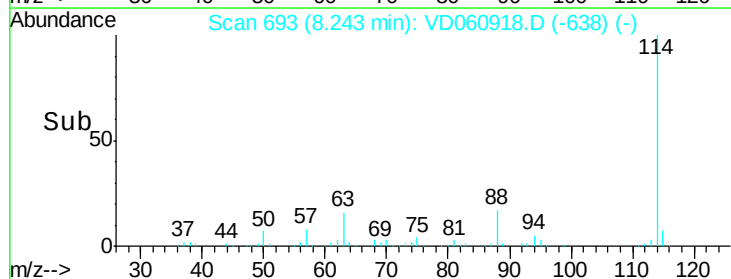
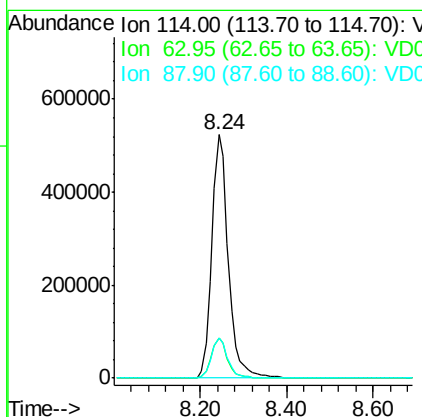
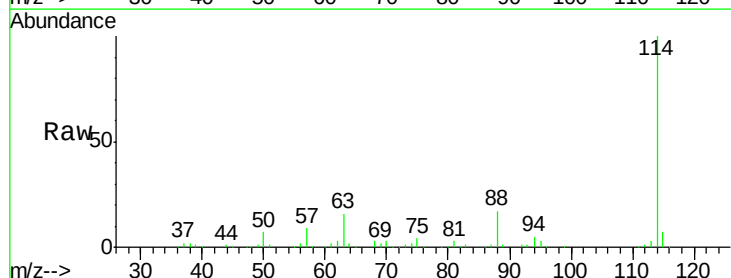
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

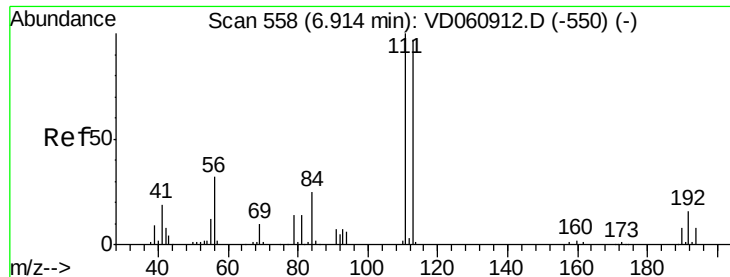
Tot Ion: 65 Resp: 349994
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.04 min
 Lab File: VD060918.D
 Acq: 4 Mar 2019 12:32

Tgt Ion: 114 Resp: 1387527
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.0
 88 16.5 0.0 32.8

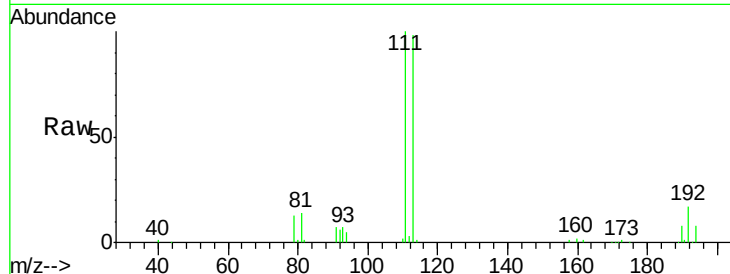




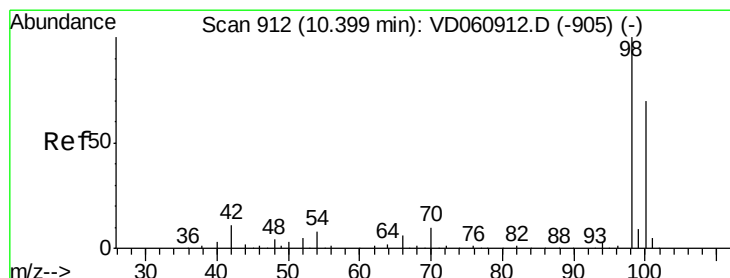
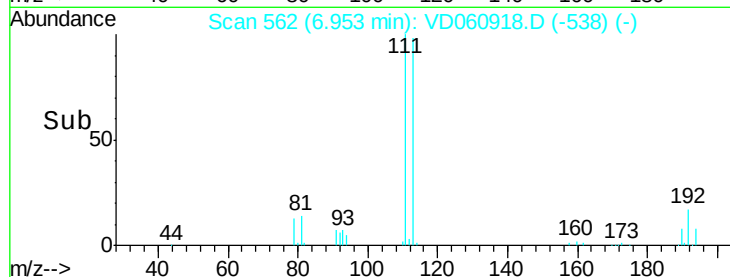
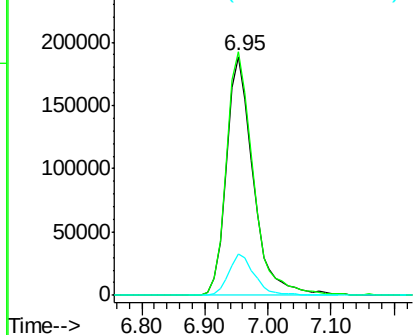
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.04 min
 Lab File: VD060918.D
 Acq: 4 Mar 2019 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Tot Ion:113 Resp: 552790
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 17.4 13.4 20.2

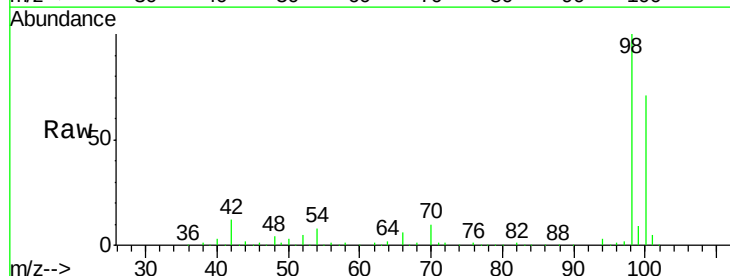


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

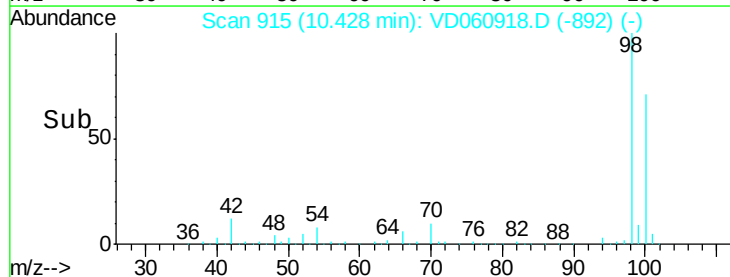
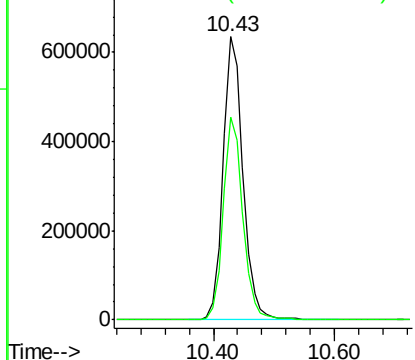


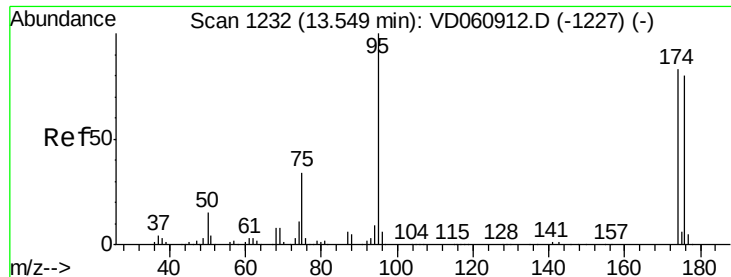
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD060918.D
 Acq: 4 Mar 2019 12:32

Tgt Ion: 98 Resp: 1447409
 Ion Ratio Lower Upper
 98 100
 100 71.5 57.0 85.4



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





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD060918.D

Acq: 4 Mar 2019 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBL01

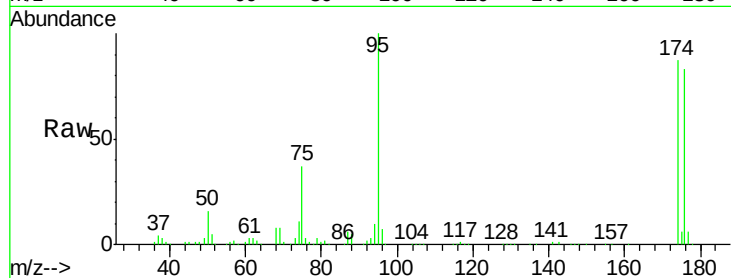
Tot Ion: 95 Resp: 520772

Ion Ratio Lower Upper

95 100

174 87.4 0.0 165.6

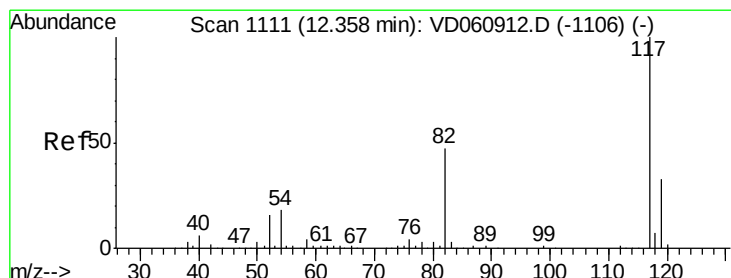
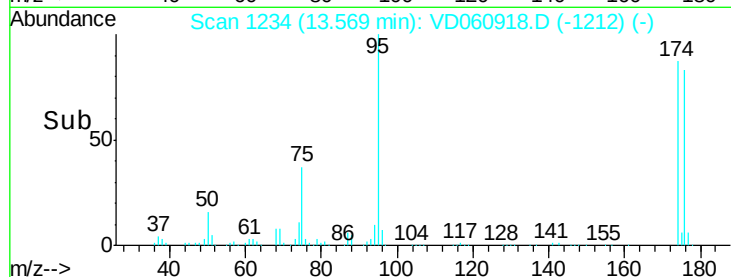
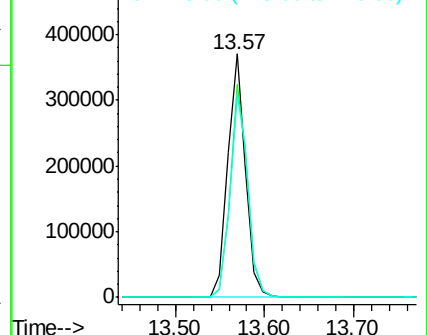
176 83.4 0.0 160.6



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: 12.39 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VD060918.D

Acq: 4 Mar 2019 12:32

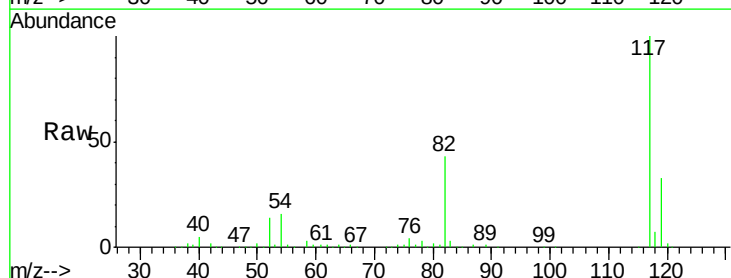
Tgt Ion: 117 Resp: 1066561

Ion Ratio Lower Upper

117 100

82 43.0 37.5 56.3

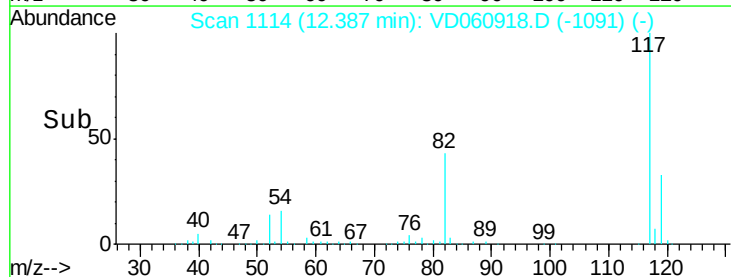
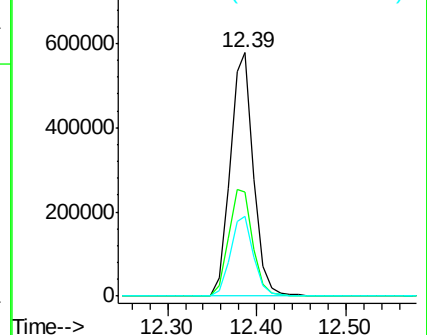
119 32.5 26.2 39.2

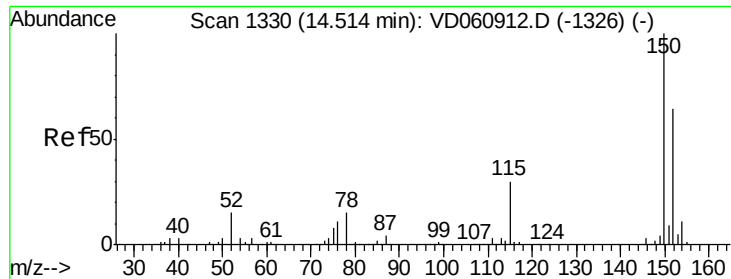


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

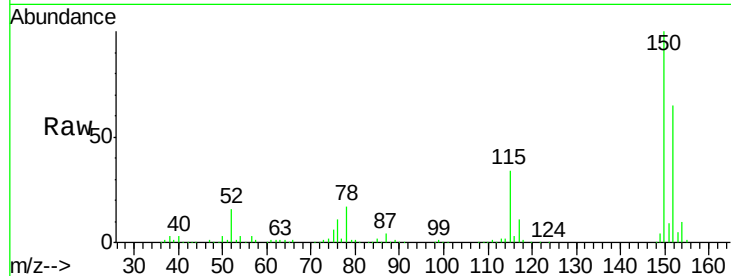




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD060918.D
 Acq: 4 Mar 2019 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Tot Ion:152 Resp: 477272
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.6 82.8
 150 154.4 0.0 312.8



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

