

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061753.D
 Acq On : 11 Apr 2019 20:51
 Operator : VA/AP
 Sample : K2344-04
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-2

Quant Time: Apr 12 03:11:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

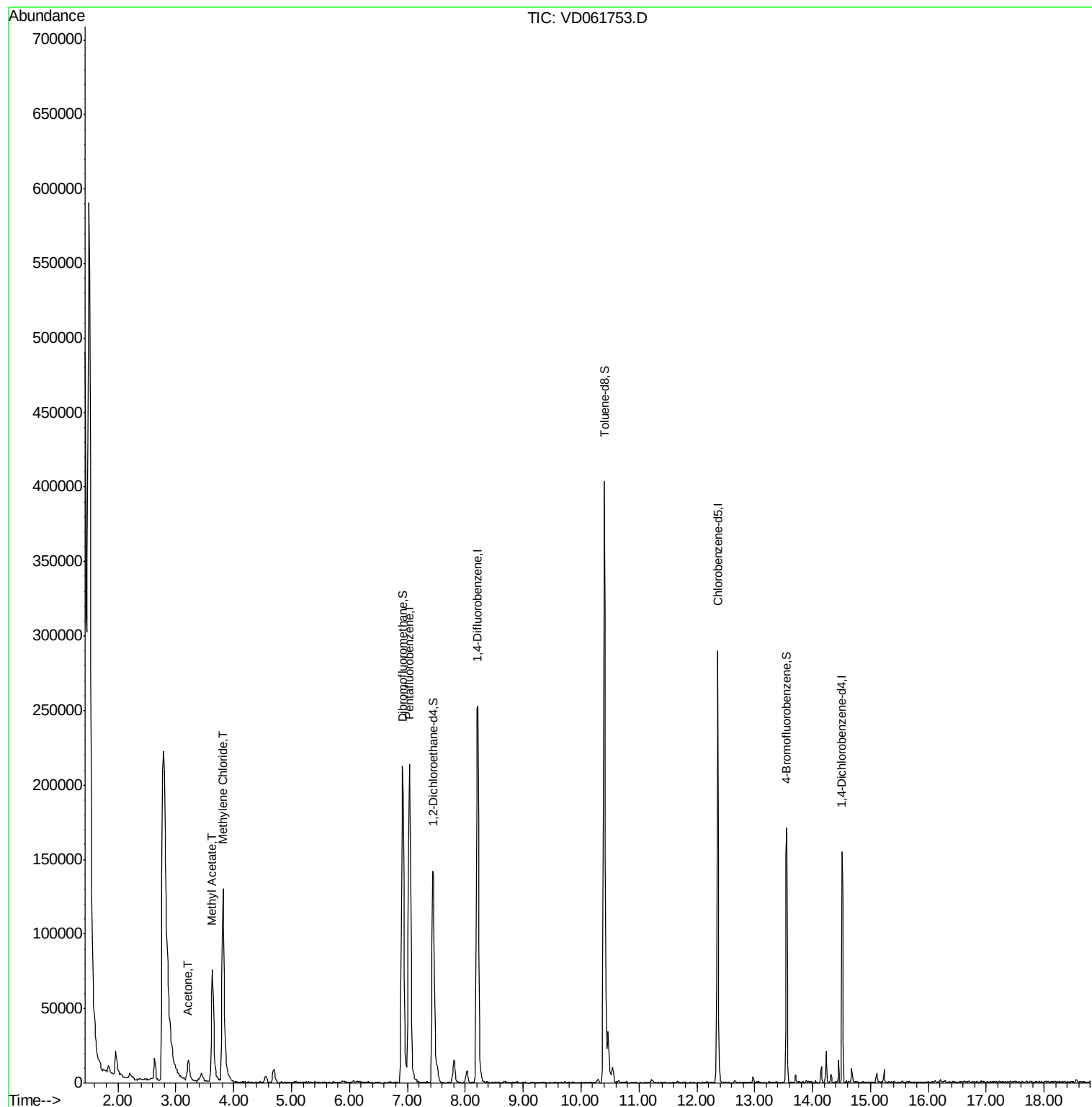
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	230440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	337558	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	181840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	36690	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	148690	85.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	170.26%	
35) Dibromofluoromethane	6.92	113	209488	89.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	179.16%	
50) Toluene-d8	10.40	98	357749	60.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.78%	
62) 4-Bromofluorobenzene	13.55	95	59889	26.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.28%	
Target Compounds						
16) Acetone	3.21	43	30667	58.732	ug/l	100
18) Methyl Acetate	3.63	43	160702	163.581	ug/l	94
20) Methylene Chloride	3.82	84	100618	33.958	ug/l	99

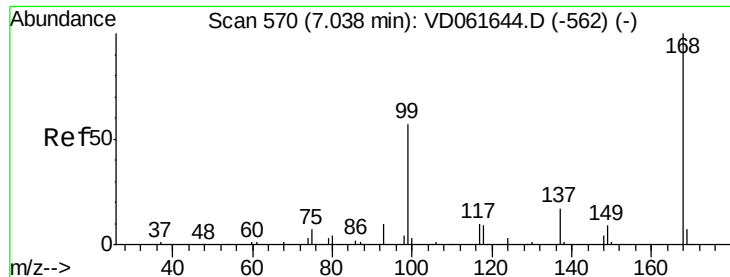
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061753.D

Acq: 11 Apr 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

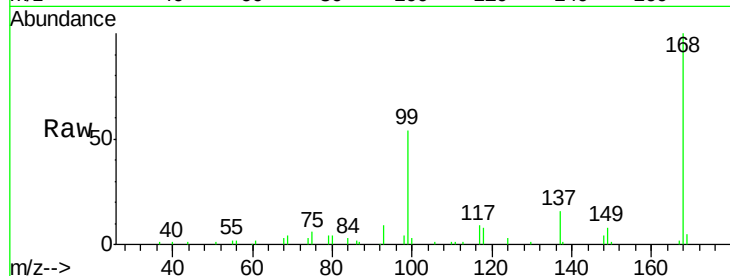
WOOD-2

Tot Ion:168 Resp: 230440

Ion Ratio Lower Upper

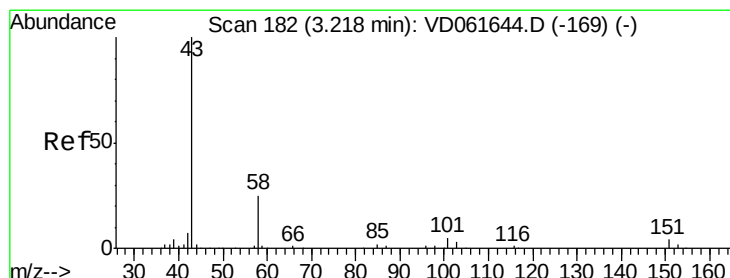
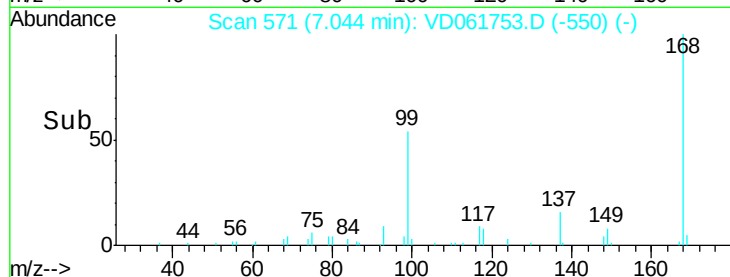
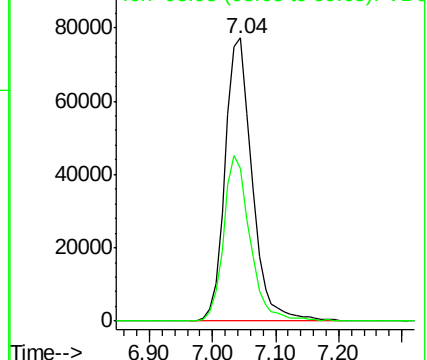
168 100

99 53.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 58.732 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061753.D

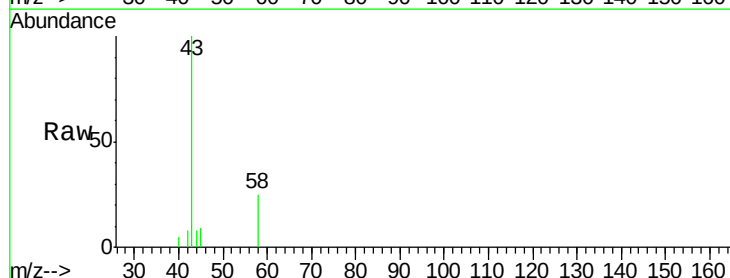
Acq: 11 Apr 2019 20:51

Tgt Ion: 43 Resp: 30667

Ion Ratio Lower Upper

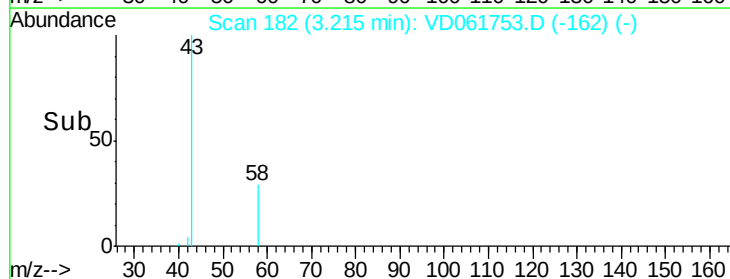
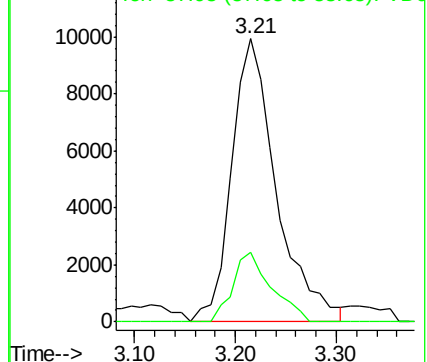
43 100

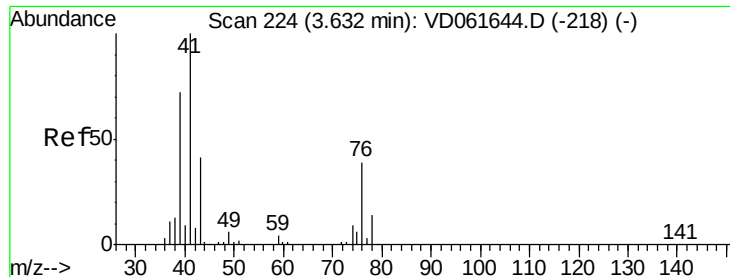
58 24.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

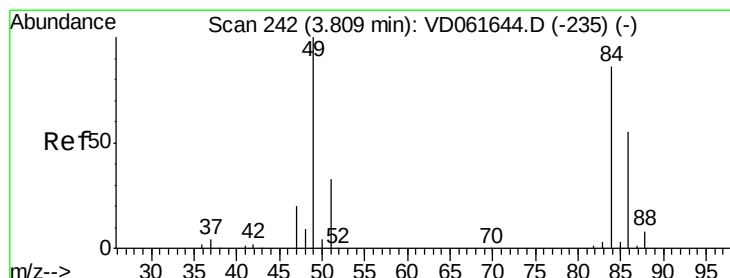
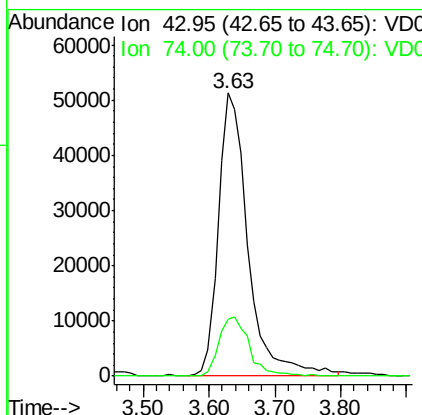
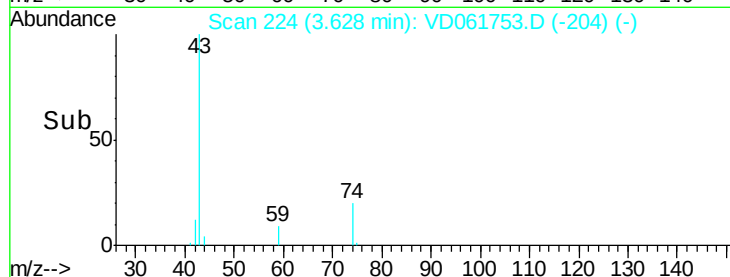
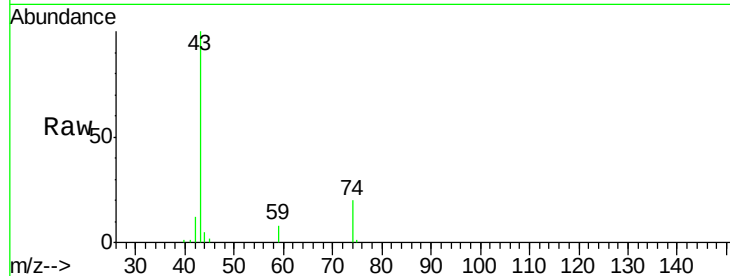




#18
Methyl Acetate
Concen: 163.581 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD061753.D
Acq: 11 Apr 2019 20:51

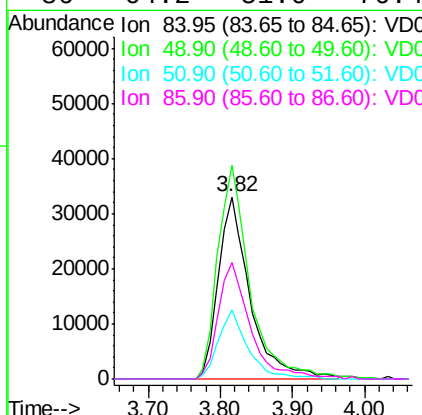
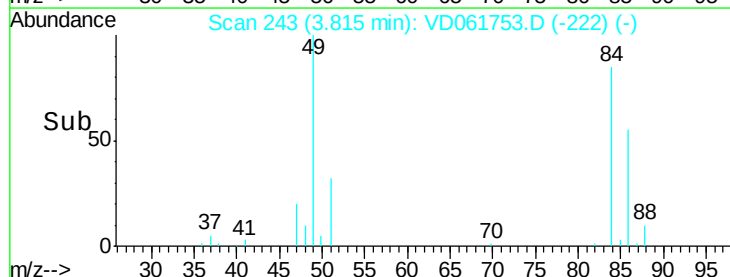
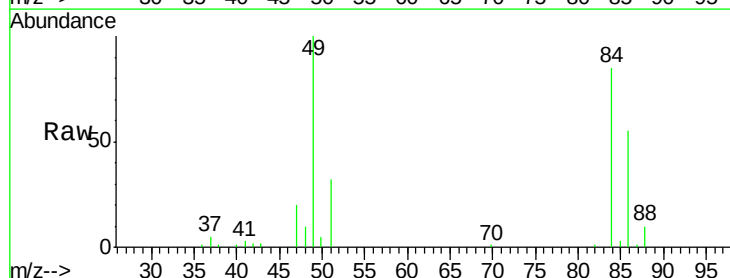
Instrument :
MSVOA_D
ClientSampleId :
WOOD-2

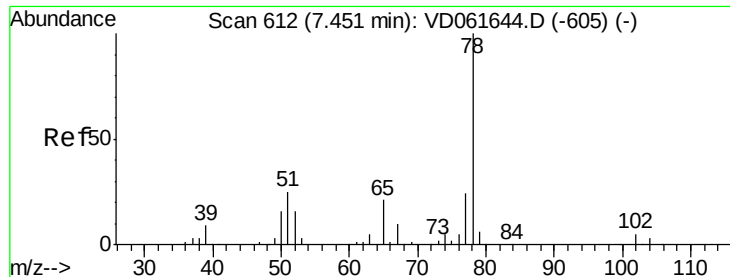
Tot Ion: 43 Resp: 160702
Ion Ratio Lower Upper
43 100
74 19.9 18.2 27.2



#20
Methylene Chloride
Concen: 33.958 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061753.D
Acq: 11 Apr 2019 20:51

Tgt Ion: 84 Resp: 100618
Ion Ratio Lower Upper
84 100
49 117.5 93.0 139.4
51 37.9 30.4 45.6
86 64.2 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061753.D

Acq: 11 Apr 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

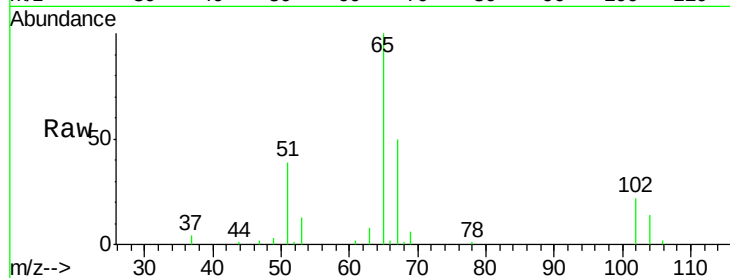
WOOD-2

Tot Ion: 65 Resp: 148690

Ion Ratio Lower Upper

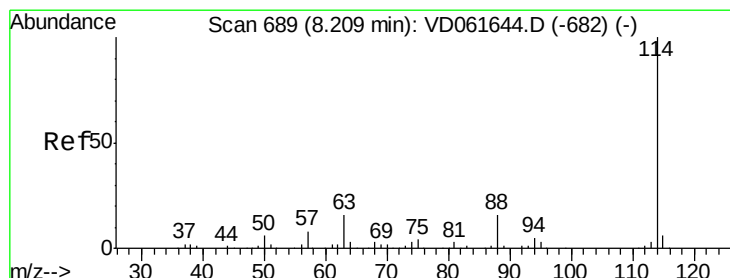
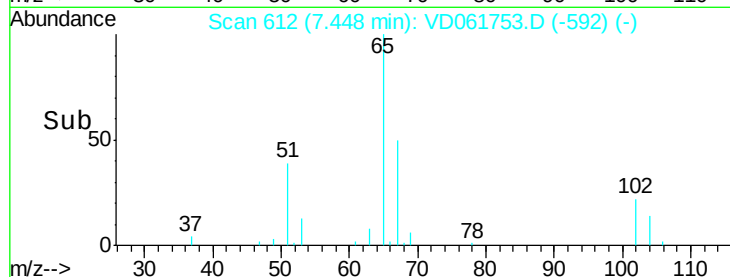
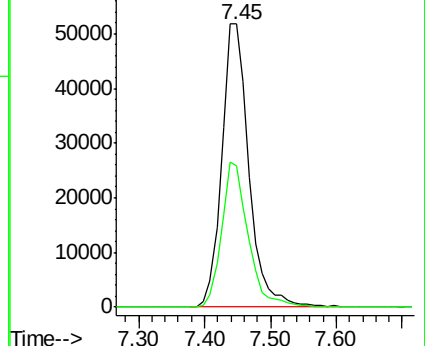
65 100

67 50.1 0.0 99.4



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: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061753.D

Acq: 11 Apr 2019 20:51

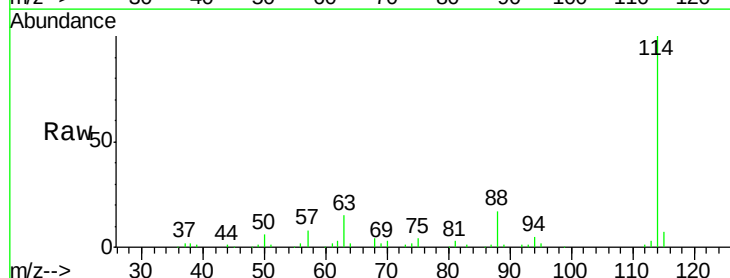
Tgt Ion: 114 Resp: 337558

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.2

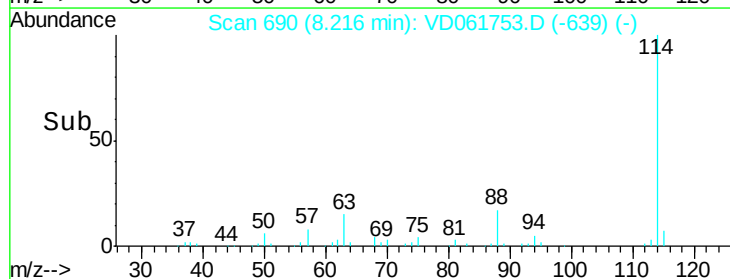
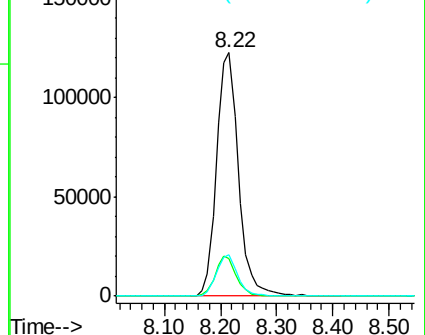
88 17.0 0.0 31.8

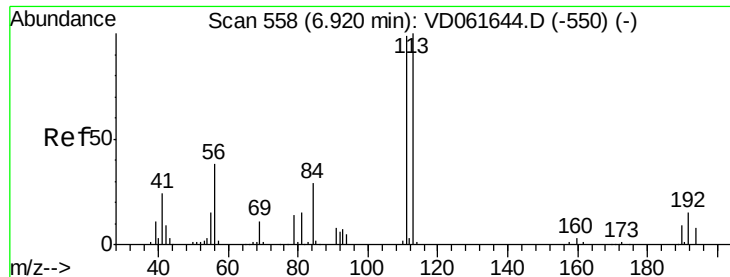


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

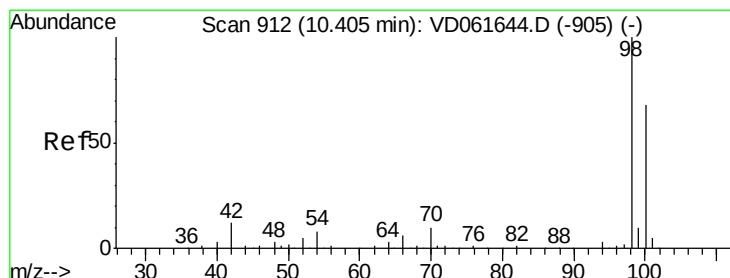
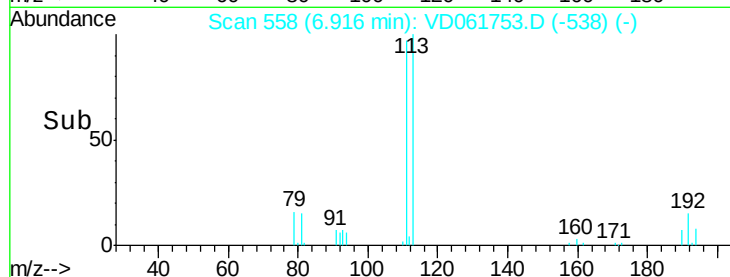
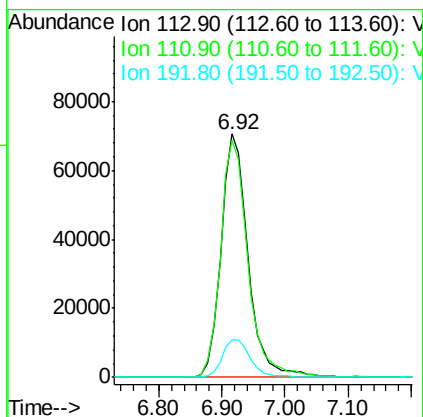
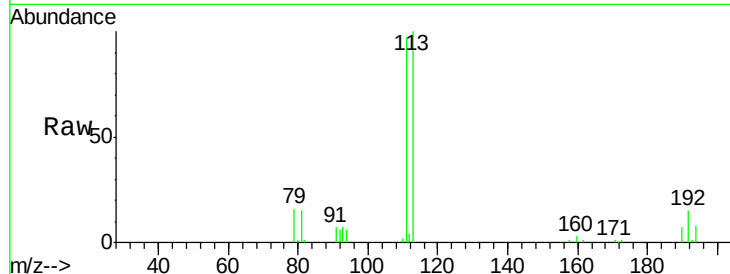




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061753.D
 Acq: 11 Apr 2019 20:51

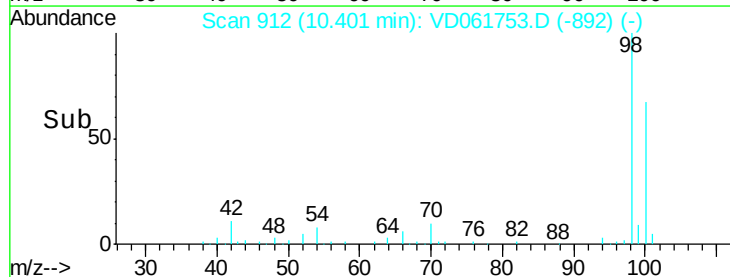
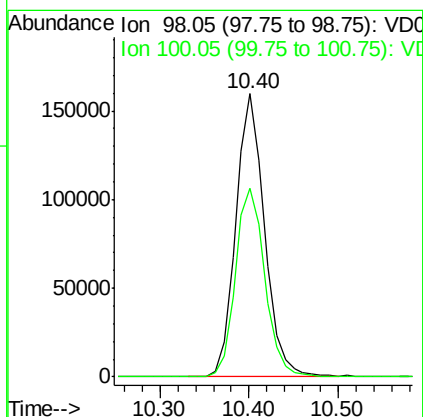
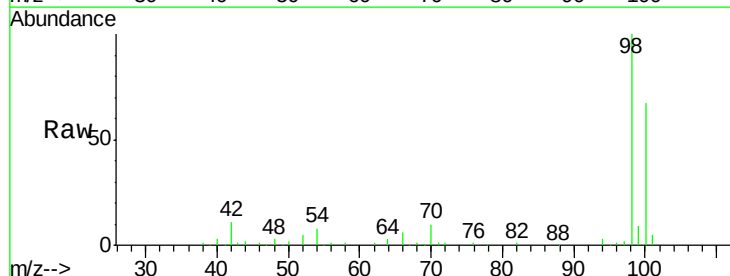
Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-2

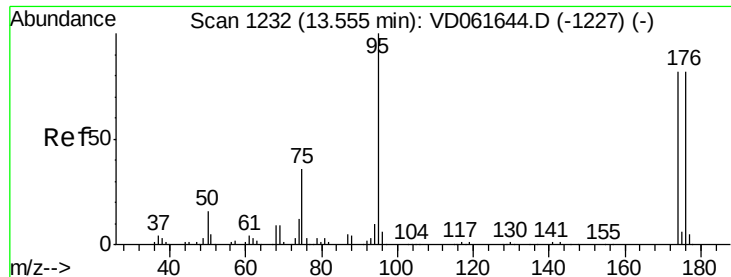
Tot Ion:113 Resp: 209488
 Ion Ratio Lower Upper
 113 100
 111 97.2 79.3 118.9
 192 15.3 12.3 18.5



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VD061753.D
 Acq: 11 Apr 2019 20:51

Tgt Ion: 98 Resp: 357749
 Ion Ratio Lower Upper
 98 100
 100 66.7 55.4 83.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061753.D

Acq: 11 Apr 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

WOOD-2

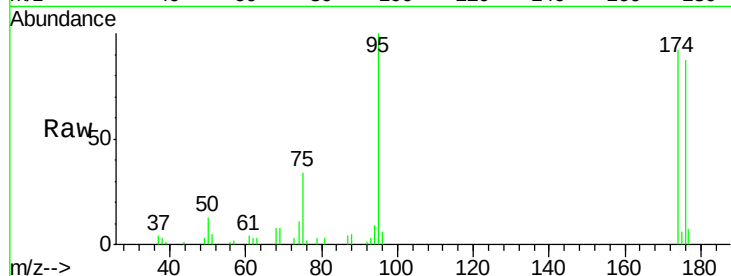
Tot Ion: 95 Resp: 59889

Ion Ratio Lower Upper

95 100

174 91.8 0.0 164.6

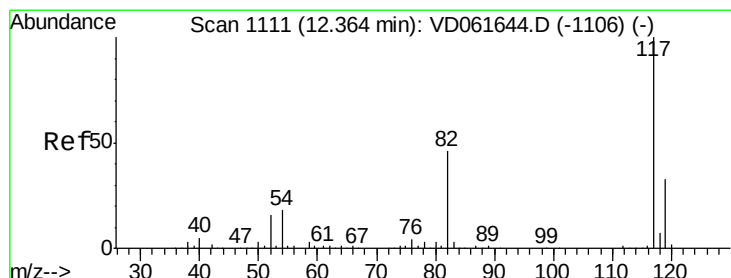
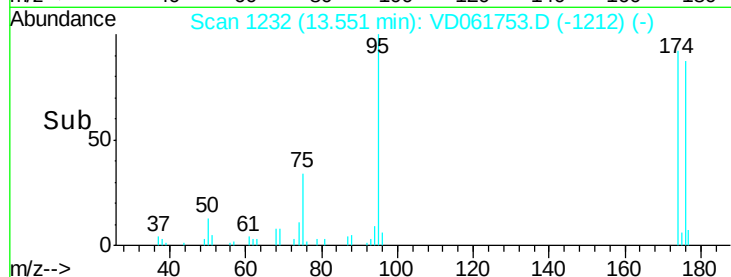
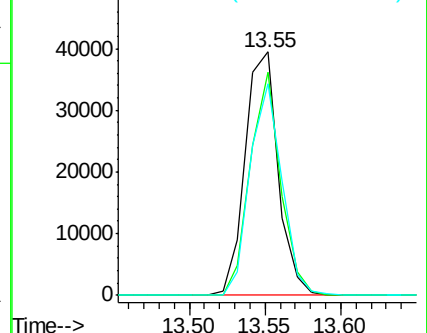
176 86.8 0.0 165.0



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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061753.D

Acq: 11 Apr 2019 20:51

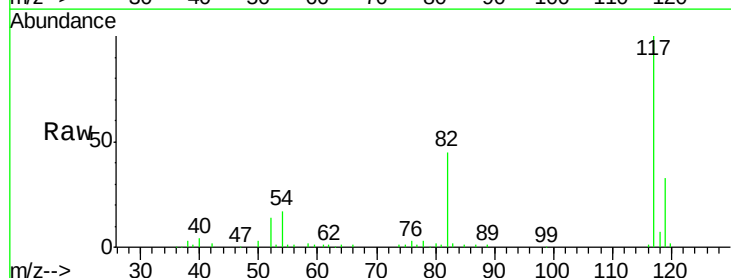
Tgt Ion: 117 Resp: 181840

Ion Ratio Lower Upper

117 100

82 44.5 36.8 55.2

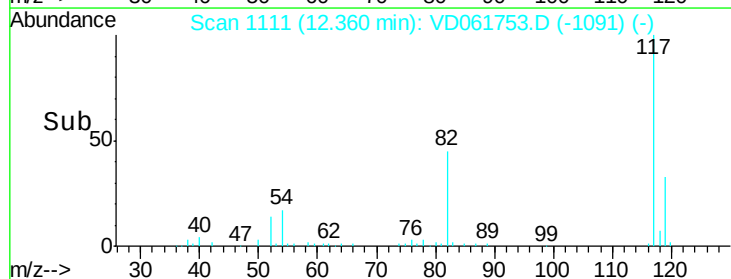
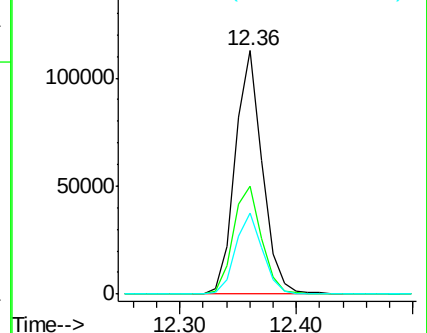
119 33.4 26.1 39.1

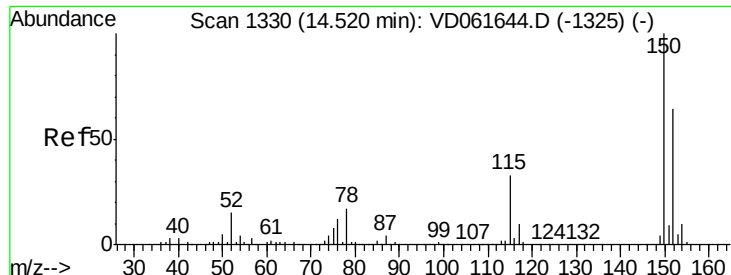


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

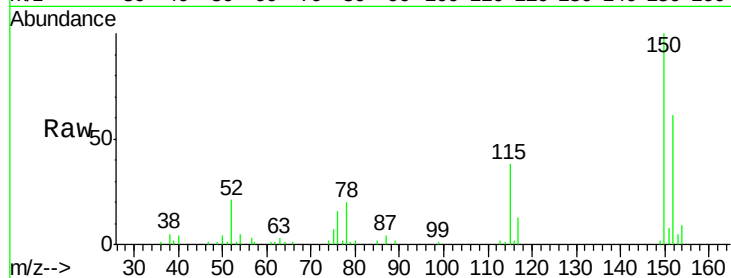




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061753.D
 Acq: 11 Apr 2019 20:51

Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-2

Tot Ion:152 Resp: 36690
 Ion Ratio Lower Upper
 152 100
 115 62.0 26.4 79.2
 150 164.6 0.0 320.6



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

