

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062733.D
 Acq On : 17 Jun 2019 18:12
 Operator : VA/AP
 Sample : K3154-09
 Misc : 7.08g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-E

Quant Time: Jun 18 06:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

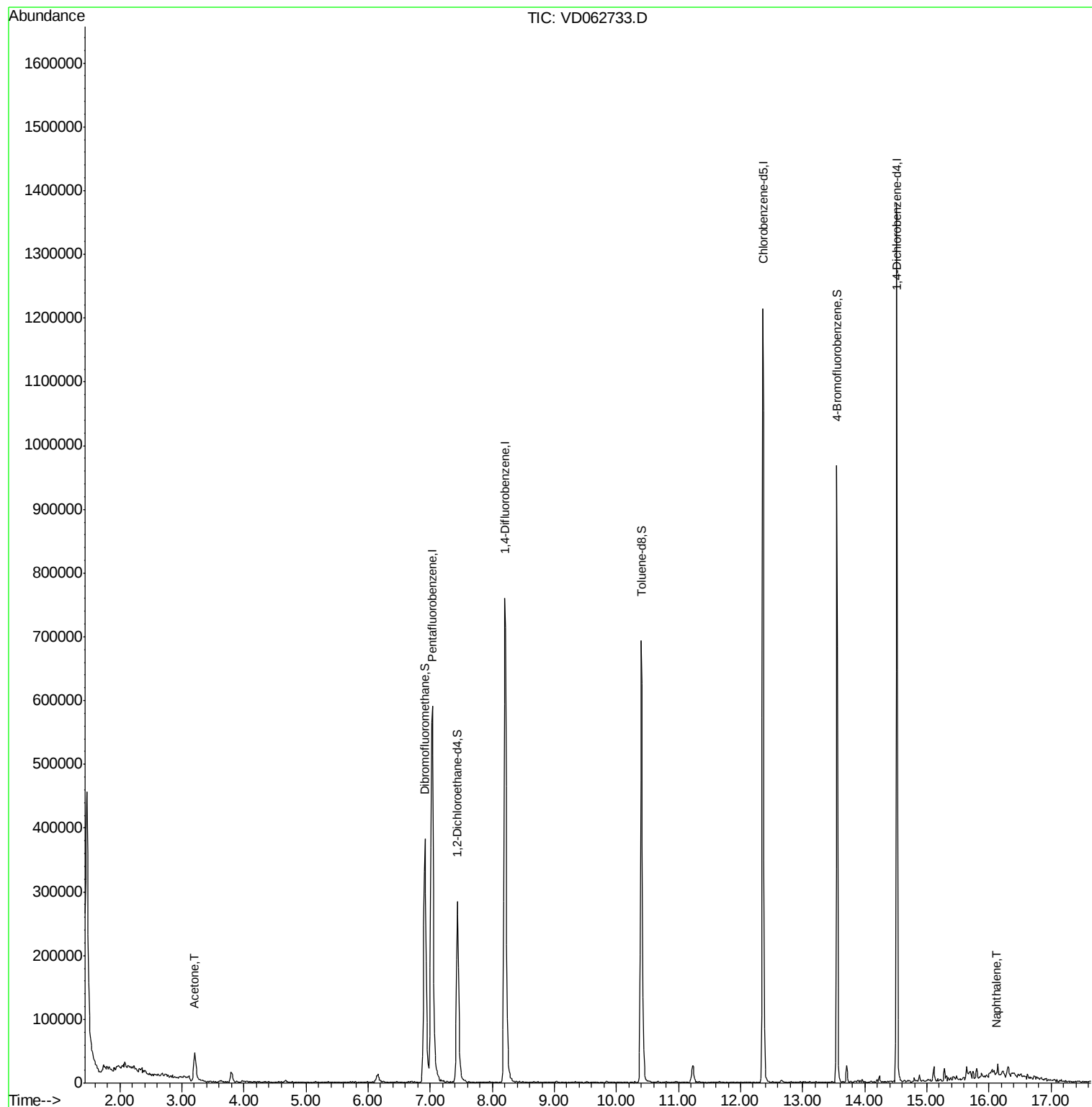
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	586965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	839869	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	642683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	273872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	326492	38.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.10%	
35) Dibromofluoromethane	6.91	113	341083	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	
50) Toluene-d8	10.40	98	548540	29.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	58.88%	
62) 4-Bromofluorobenzene	13.55	95	252222	29.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.02%	
Target Compounds						
16) Acetone	3.21	43	92205	59.450	ug/l #	91
95) Naphthalene	16.12	128	3315	3.760	ug/l #	89

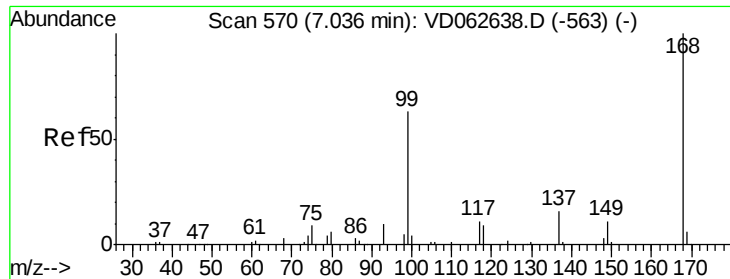
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062733.D

Acq: 17 Jun 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

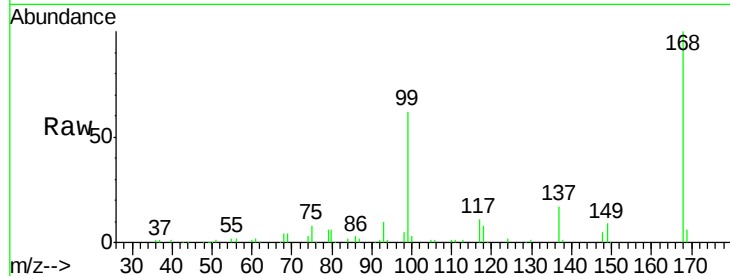
JC-02-061419-E

Tot Ion:168 Resp: 586965

Ion Ratio Lower Upper

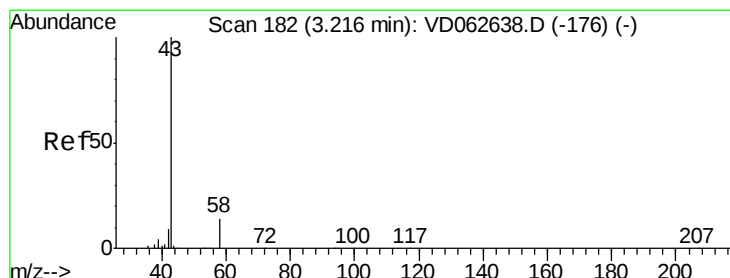
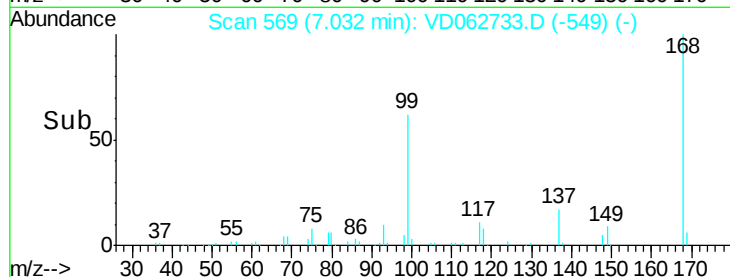
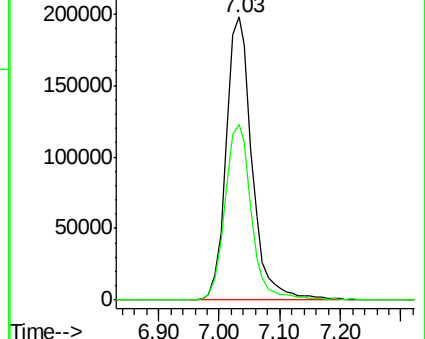
168 100

99 62.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 59.450 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD062733.D

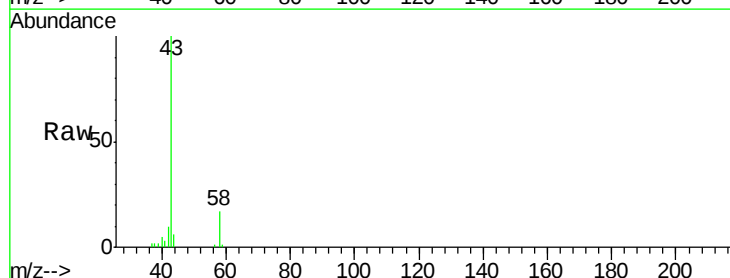
Acq: 17 Jun 2019 18:12

Tgt Ion: 43 Resp: 92205

Ion Ratio Lower Upper

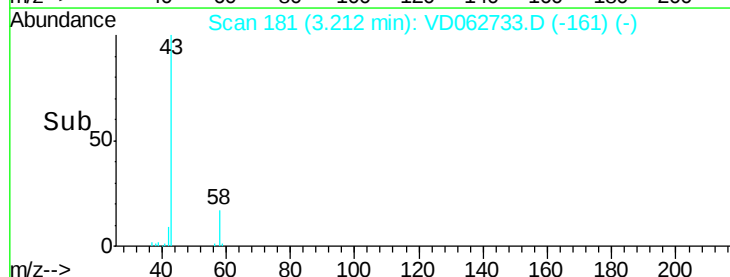
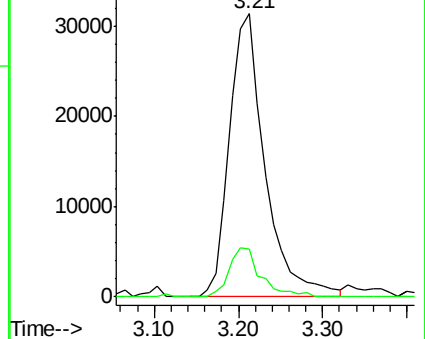
43 100

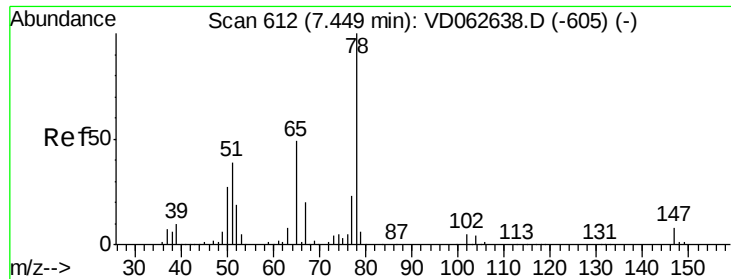
58 16.9 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

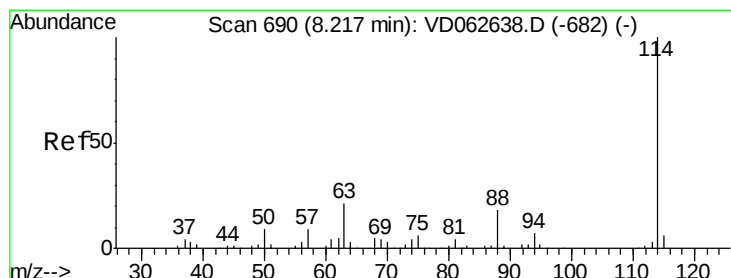
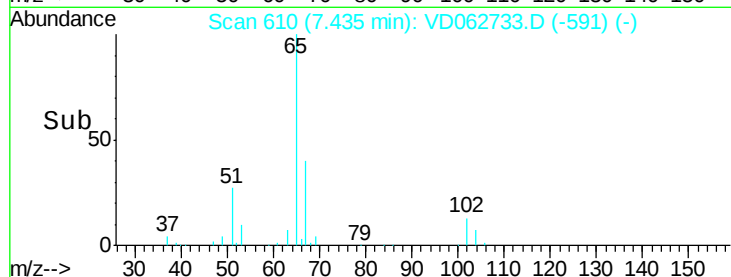
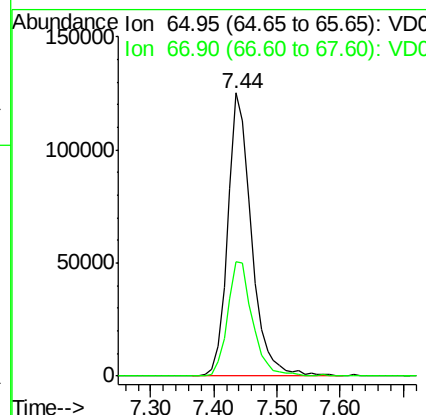
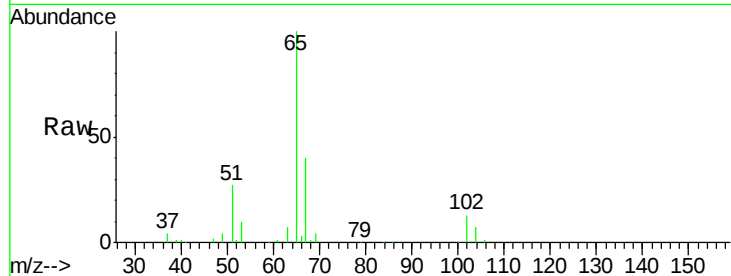




#33
 1,2-Dichloroethane-d4
 Concen: 38.548 ug/l
 RT: 7.44 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD062733.D
 Acq: 17 Jun 2019 18:12

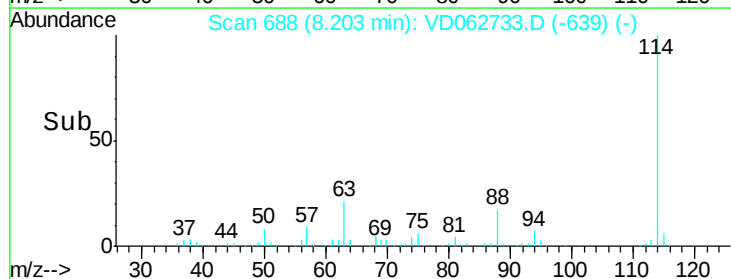
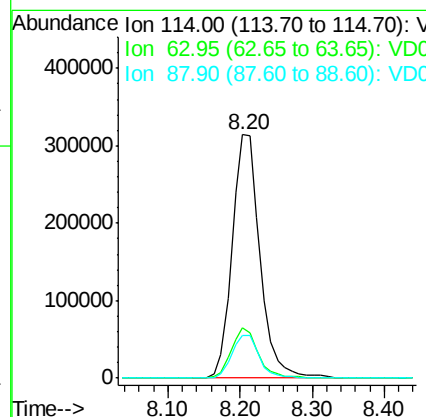
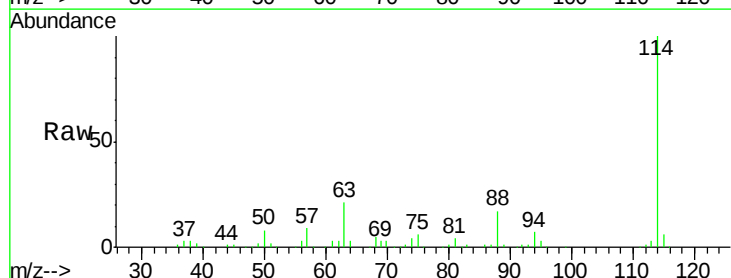
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-E

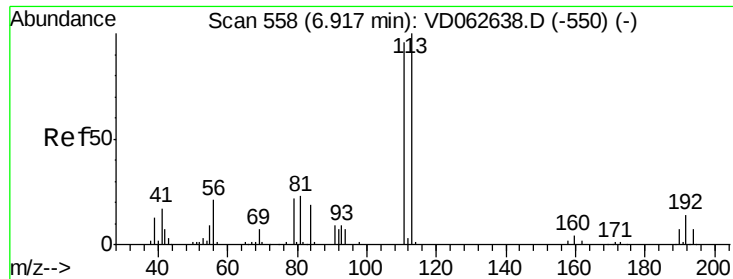
Tot Ion: 65 Resp: 326492
 Ion Ratio Lower Upper
 65 100
 67 40.4 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD062733.D
 Acq: 17 Jun 2019 18:12

Tgt Ion: 114 Resp: 839869
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 17.4 0.0 36.8





#35

Dibromofluoromethane

Concen: 38.508 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD062733.D

Acq: 17 Jun 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-E

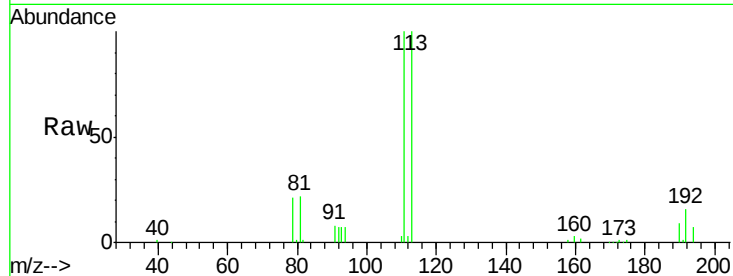
Tot Ion:113 Resp: 341083

Ion Ratio Lower Upper

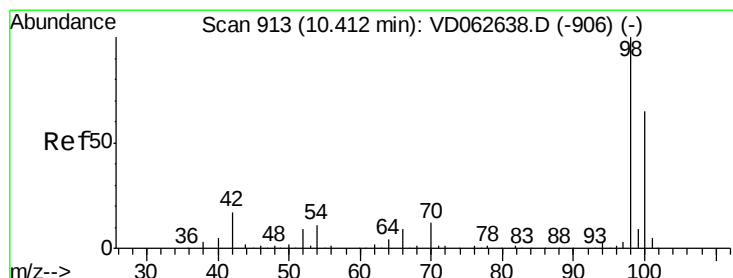
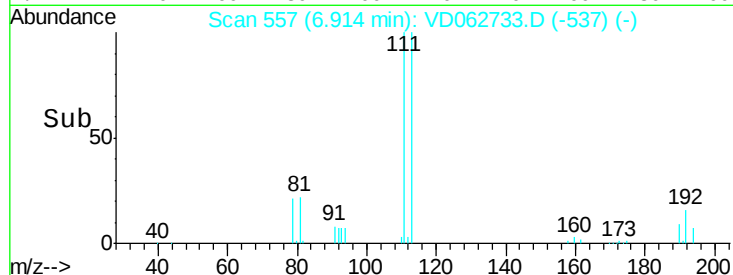
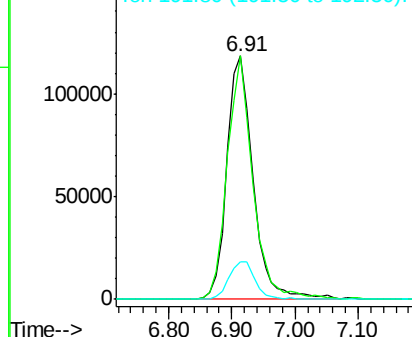
113 100

111 100.1 76.4 114.6

192 15.6 11.4 17.0



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: 29.439 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062733.D

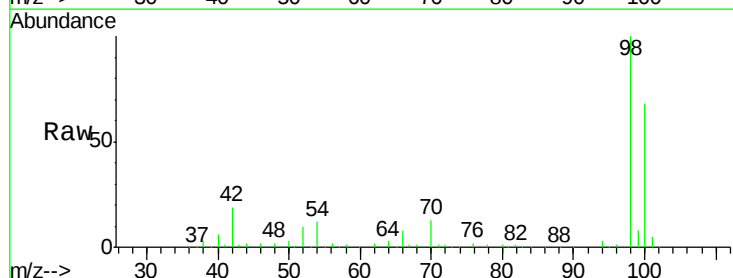
Acq: 17 Jun 2019 18:12

Tgt Ion: 98 Resp: 548540

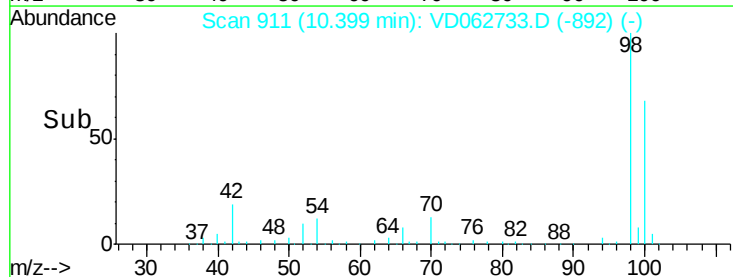
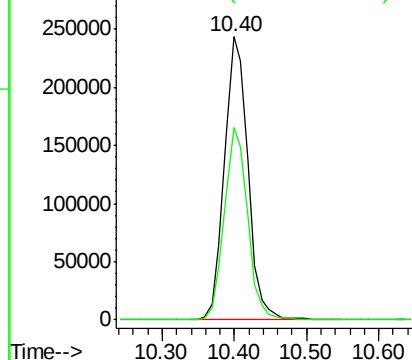
Ion Ratio Lower Upper

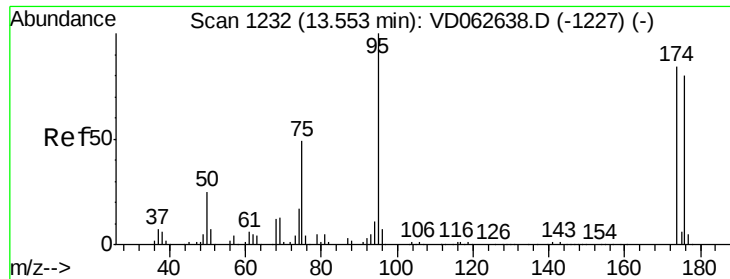
98 100

100 68.0 52.1 78.1



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

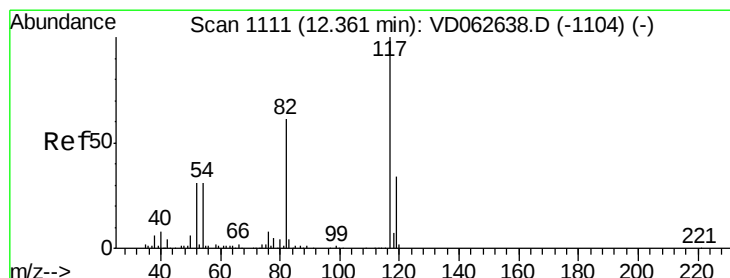
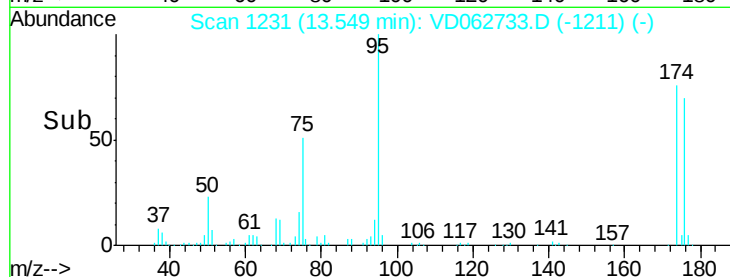
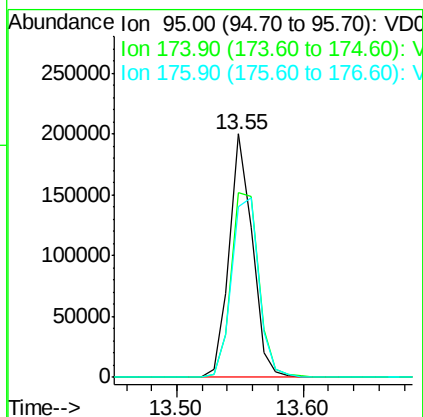
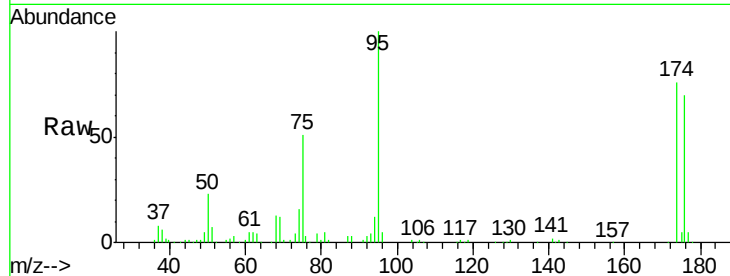




#62
4-Bromofluorobenzene
Concen: 29.014 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062733.D
Acq: 17 Jun 2019 18:12

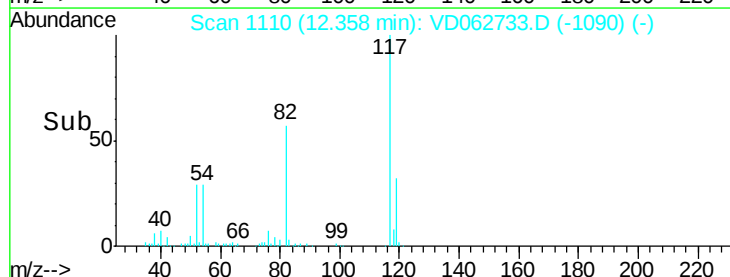
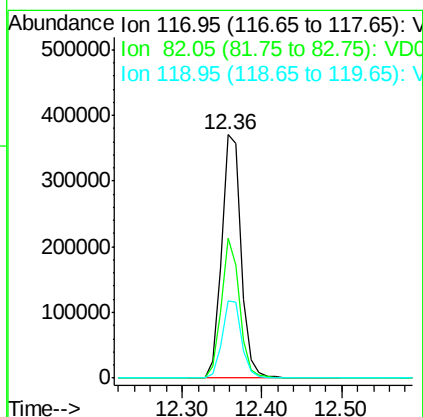
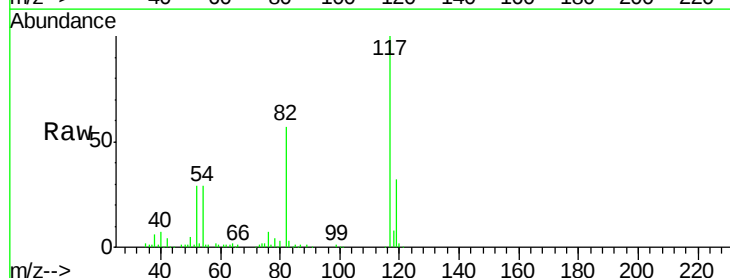
Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-E

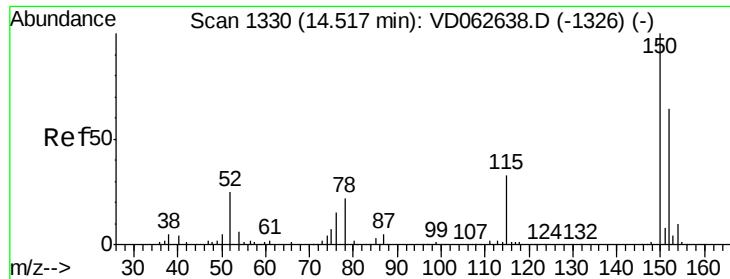
Tot Ion: 95 Resp: 252222
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.0
176 70.0 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062733.D
Acq: 17 Jun 2019 18:12

Tgt Ion: 117 Resp: 642683
Ion Ratio Lower Upper
117 100
82 57.5 48.7 73.1
119 31.7 27.0 40.6



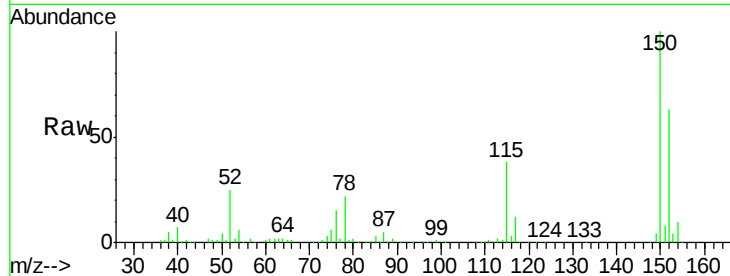


#72

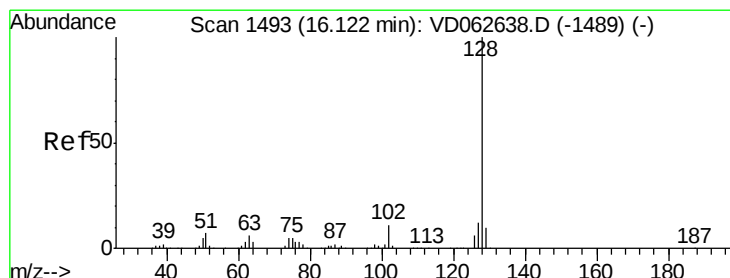
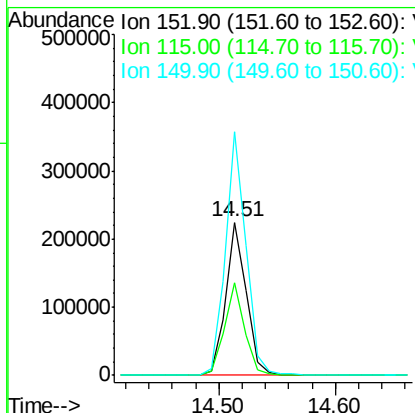
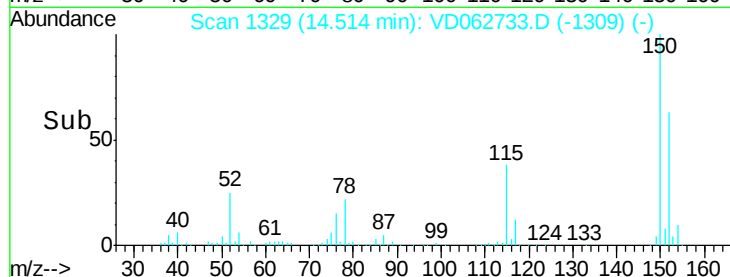
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062733.D
Acq: 17 Jun 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-E

Tot Ion:152 Resp: 273872
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 159.0 0.0 314.0



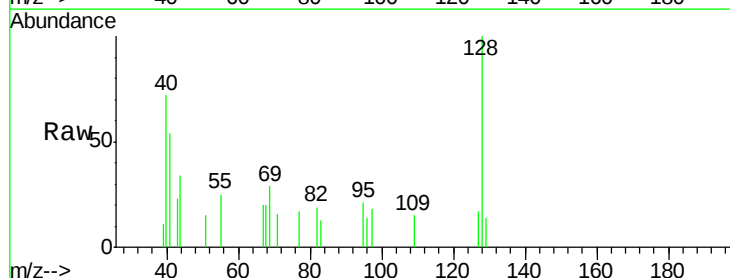
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.760 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD062733.D
Acq: 17 Jun 2019 18:12

Tgt Ion:128 Resp: 3315
Ion Ratio Lower Upper
128 100
127 16.7 9.7 14.5#
129 13.7 8.1 12.1#



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

