

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061231.D
 Acq On : 21 Mar 2019 3:44
 Operator : VA/AP
 Sample : K1688-29
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-E

Quant Time: Mar 22 03:51:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

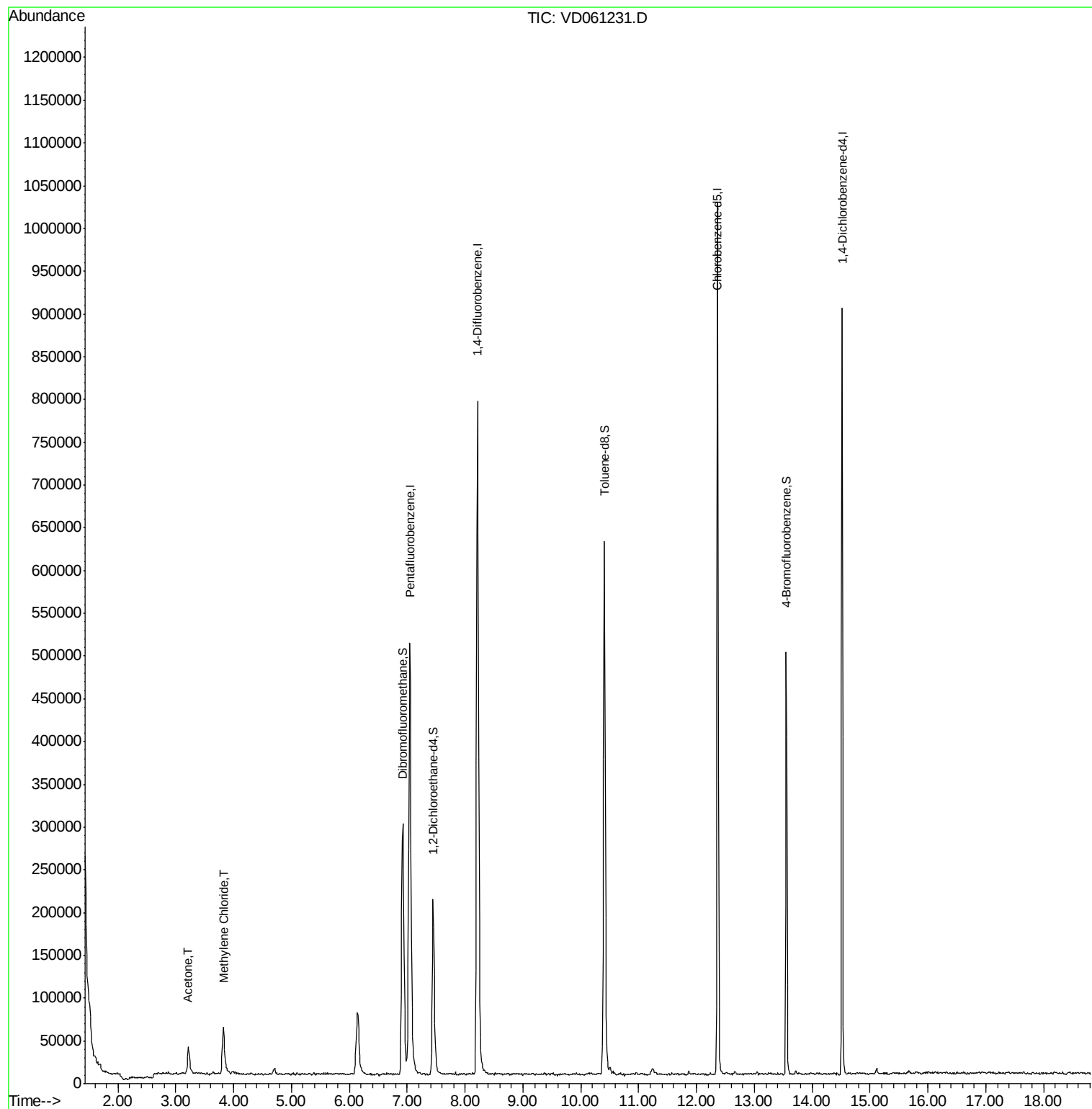
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	537998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	963218	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	662537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	197068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	187160	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
35) Dibromofluoromethane	6.92	113	288589	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
50) Toluene-d8	10.41	98	567537	31.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.24%	
62) 4-Bromofluorobenzene	13.55	95	162080	23.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.54%	
Target Compounds						
16) Acetone	3.21	43	62373	48.707	ug/l	99
20) Methylene Chloride	3.81	84	46495	3.639	ug/l #	85

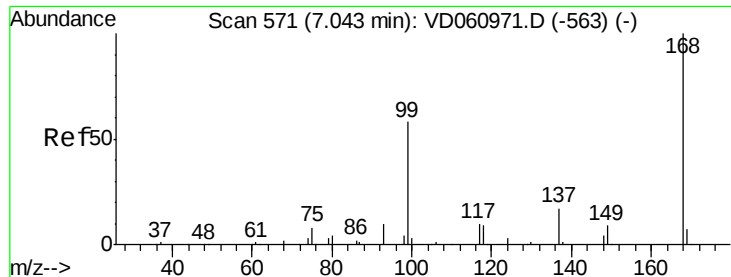
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061231.D

Acq: 21 Mar 2019 3:44

Instrument :

MSVOA_D

ClientSampleId :

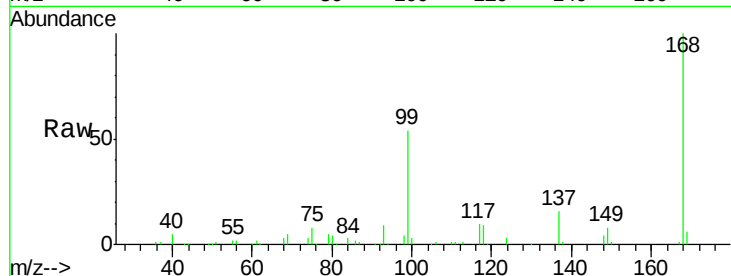
JC-02-031919-E

Tot Ion:168 Resp: 537998

Ion Ratio Lower Upper

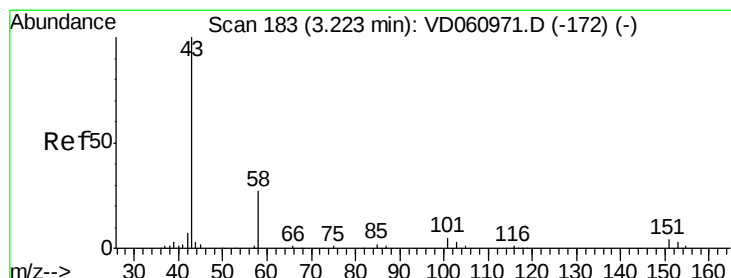
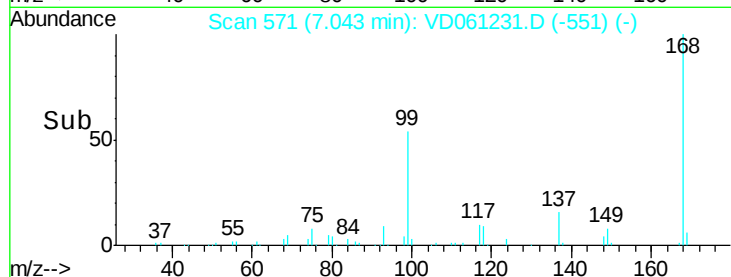
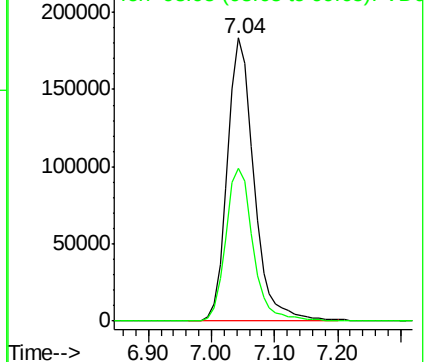
168 100

99 54.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 48.707 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061231.D

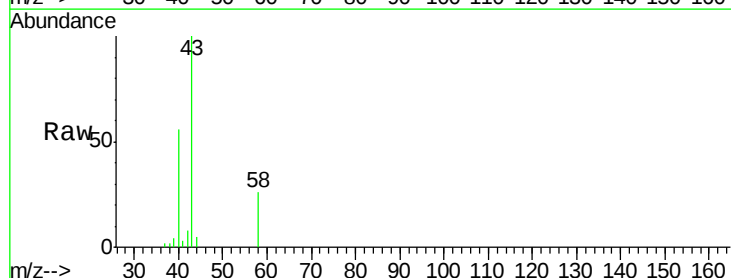
Acq: 21 Mar 2019 3:44

Tgt Ion: 43 Resp: 62373

Ion Ratio Lower Upper

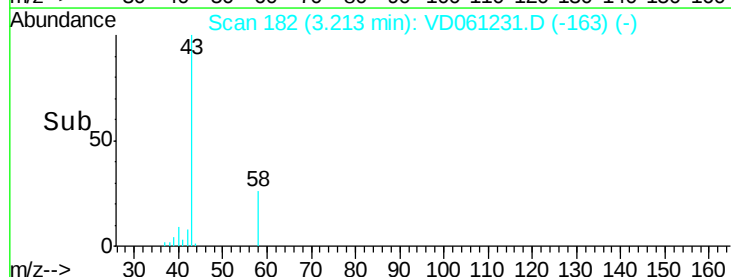
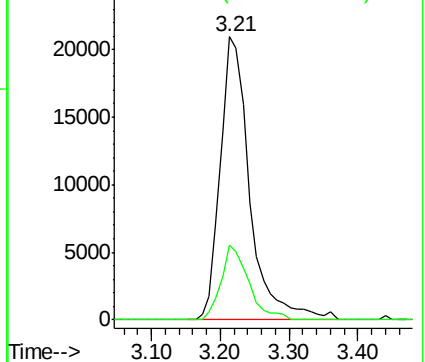
43 100

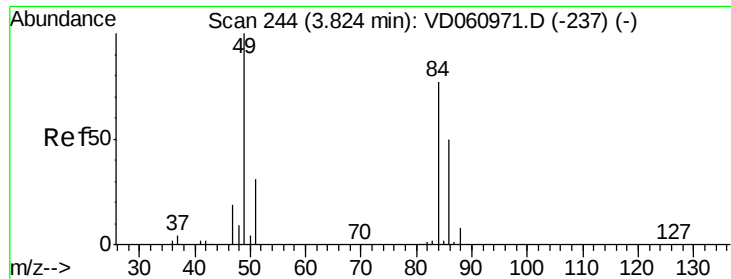
58 26.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

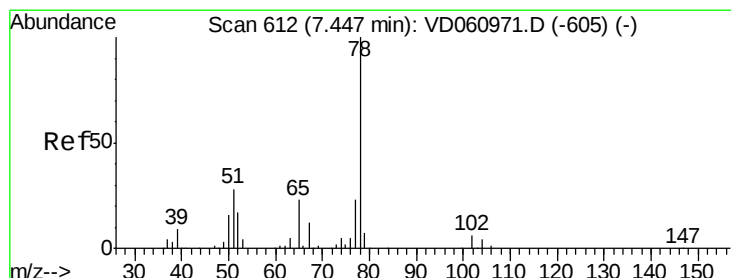
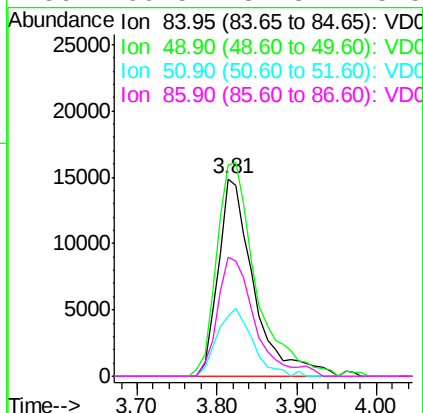
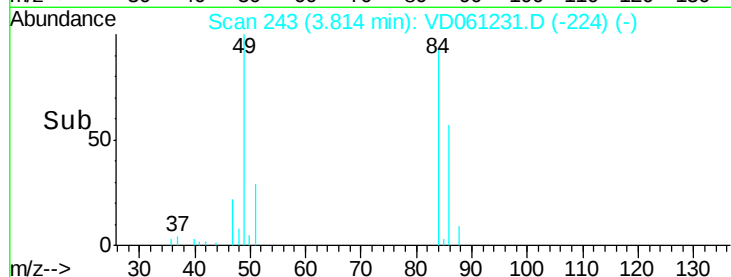
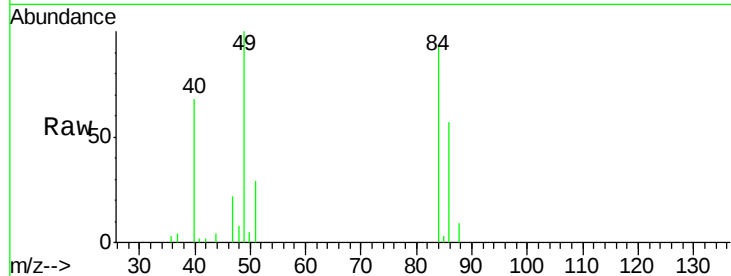




#20
Methvlene Chloride
Concen: 3.639 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061231.D
Acq: 21 Mar 2019 3:44

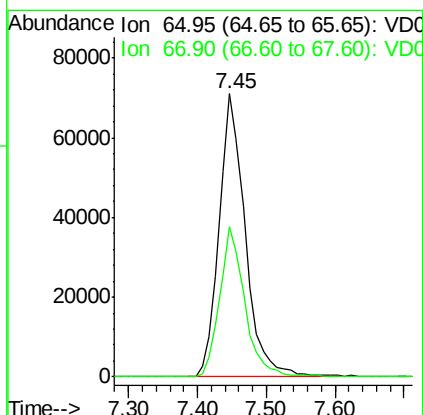
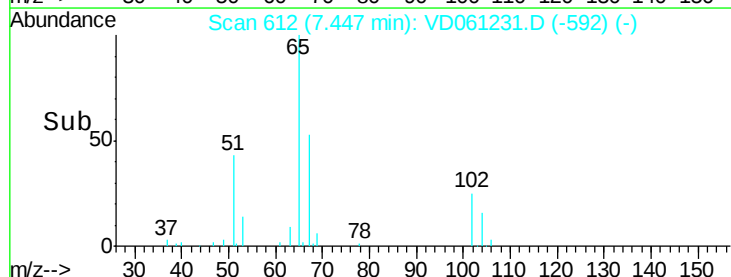
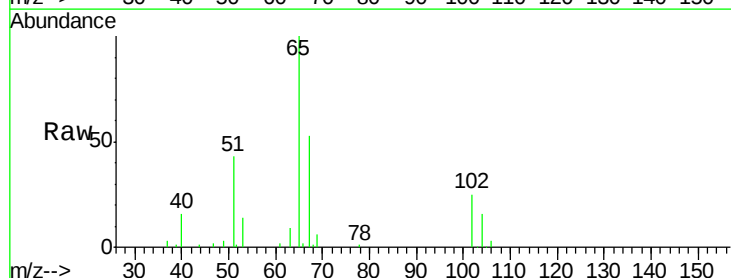
Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-E

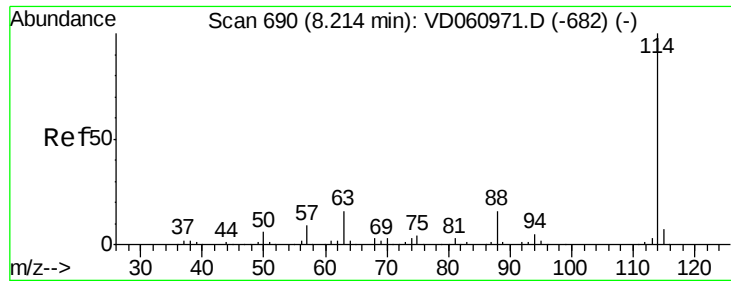
Tot Ion: 84 Resp: 46495
Ion Ratio Lower Upper
84 100
49 107.1 104.2 156.2
51 30.8 32.3 48.5#
86 60.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061231.D
Acq: 21 Mar 2019 3:44

Tgt Ion: 65 Resp: 187160
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

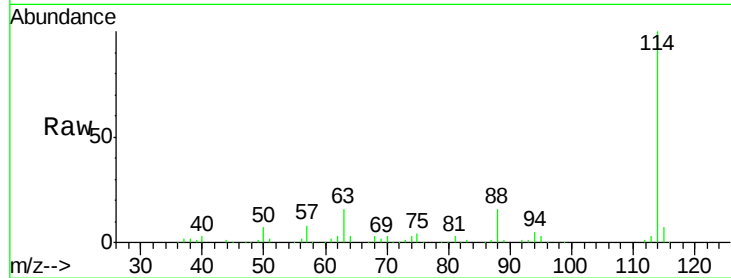




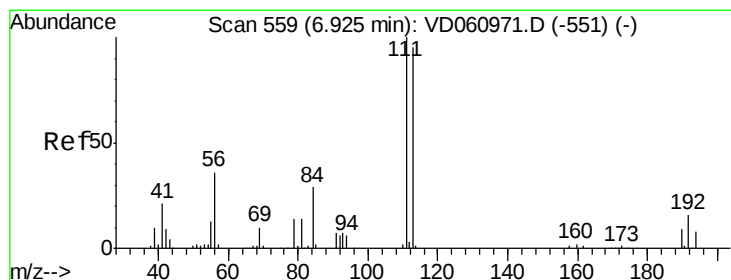
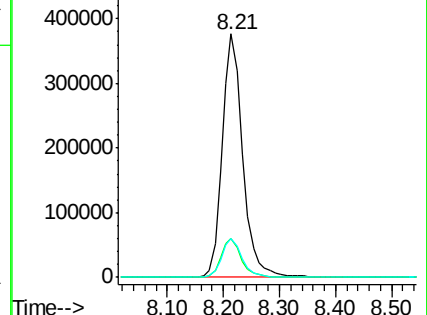
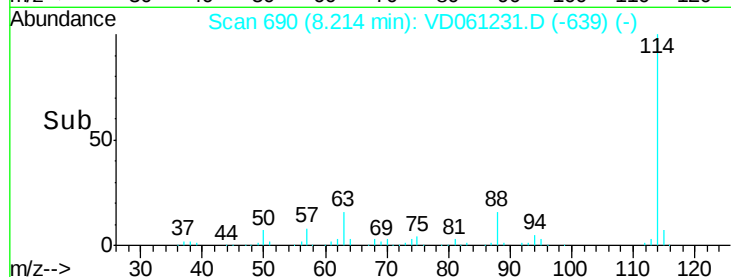
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061231.D
 Acq: 21 Mar 2019 3:44

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-E

Tot Ion:114 Resp: 963218
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 15.8 0.0 33.0

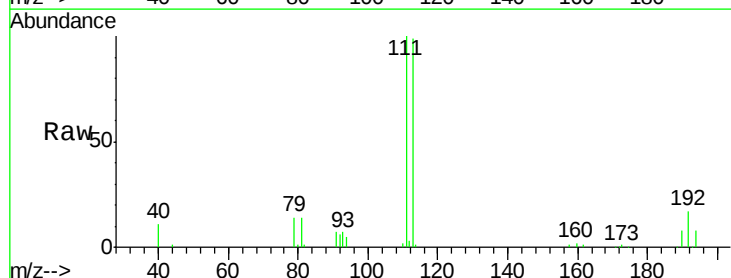


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

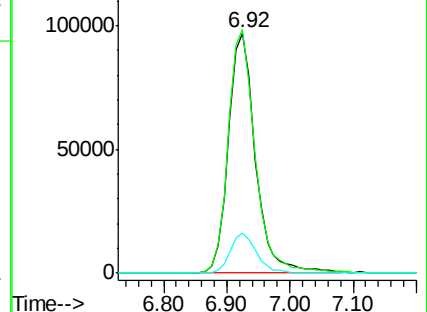
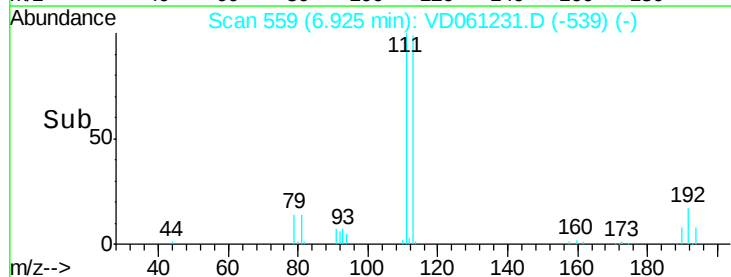


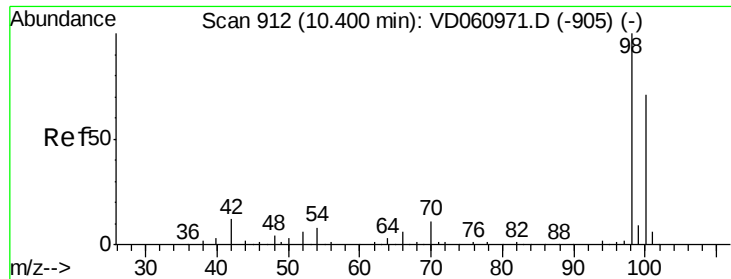
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061231.D
 Acq: 21 Mar 2019 3:44

Tgt Ion:113 Resp: 288589
 Ion Ratio Lower Upper
 113 100
 111 101.4 84.2 126.4
 192 16.9 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061231.D

Acq: 21 Mar 2019 3:44

Instrument :

MSVOA_D

ClientSampleId :

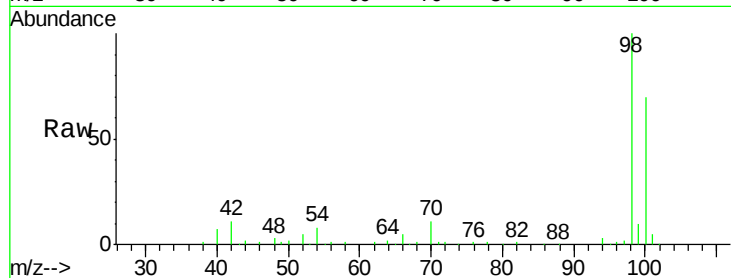
JC-02-031919-E

Tot Ion: 98 Resp: 567537

Ion Ratio Lower Upper

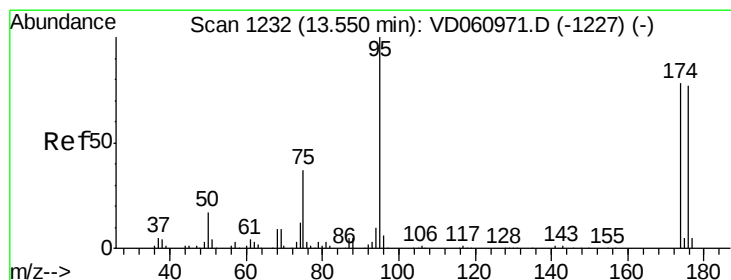
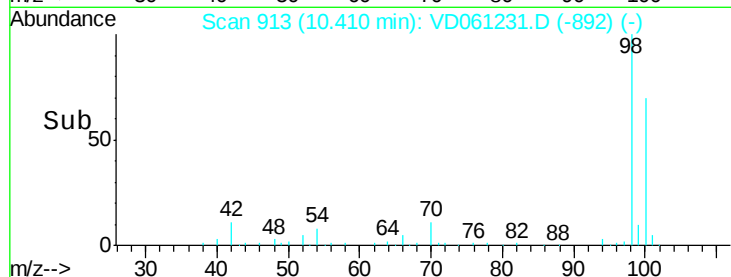
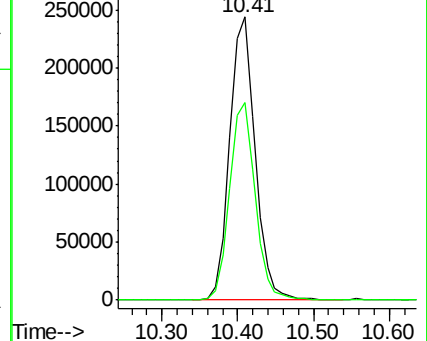
98 100

100 69.7 57.4 86.2



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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061231.D

Acq: 21 Mar 2019 3:44

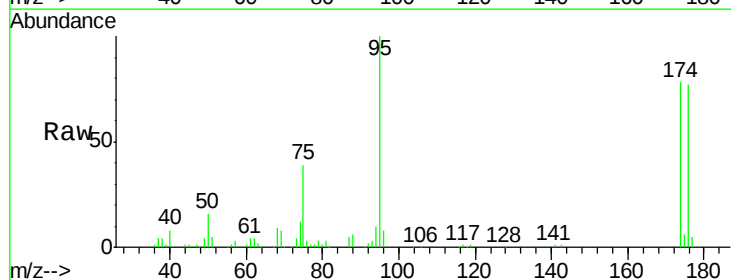
Tgt Ion: 95 Resp: 162080

Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.6

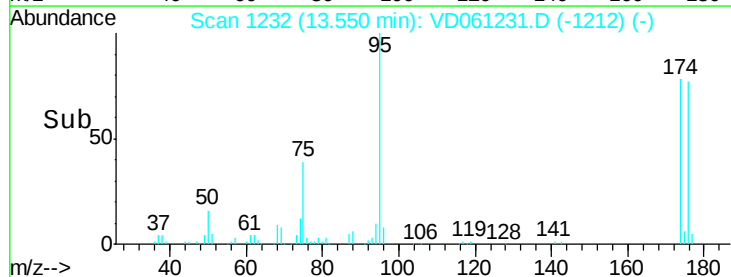
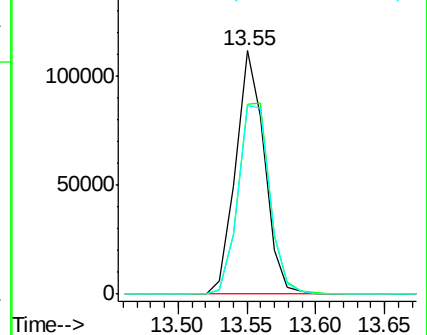
176 77.3 0.0 153.8

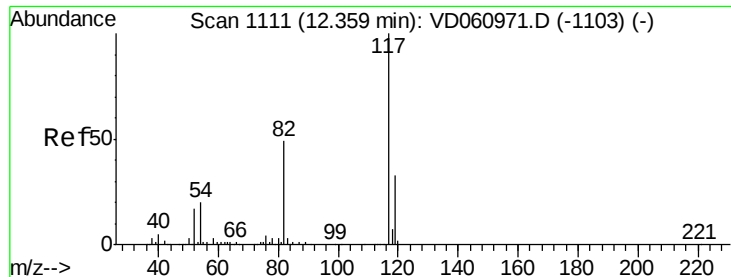


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

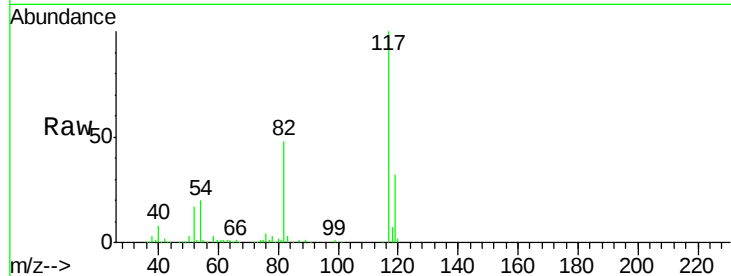




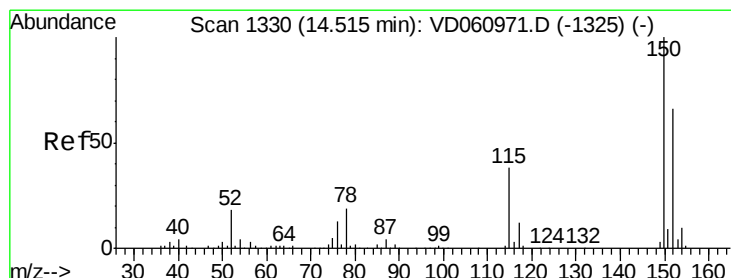
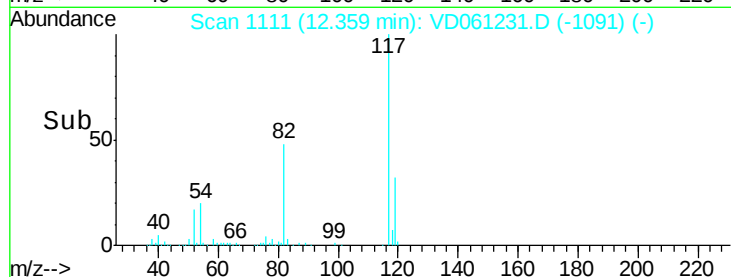
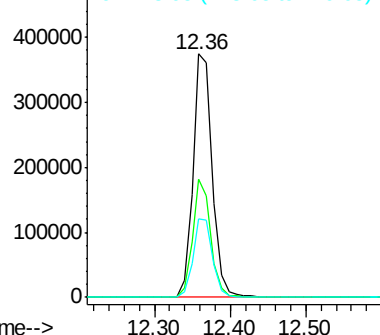
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061231.D
Acq: 21 Mar 2019 3:44

Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-E

Tot Ion:117 Resp: 662537
Ion Ratio Lower Upper
117 100
82 48.3 38.9 58.3
119 32.4 26.6 39.8

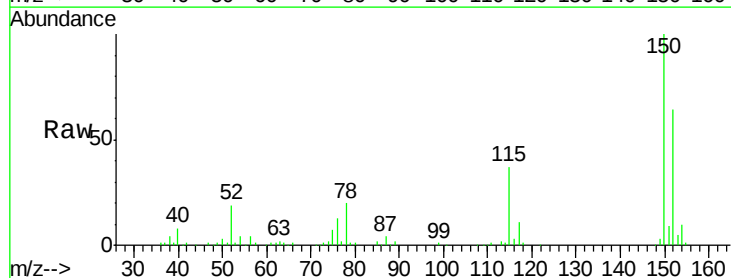


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061231.D
Acq: 21 Mar 2019 3:44

Tgt Ion:152 Resp: 197068
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.9
150 155.2 0.0 310.6



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

