

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059452.D
 Acq On : 27 Jun 2018 18:48
 Operator : VA/AP
 Sample : J3629-01RE
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C2-01RE

Quant Time: Jun 28 04:12:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

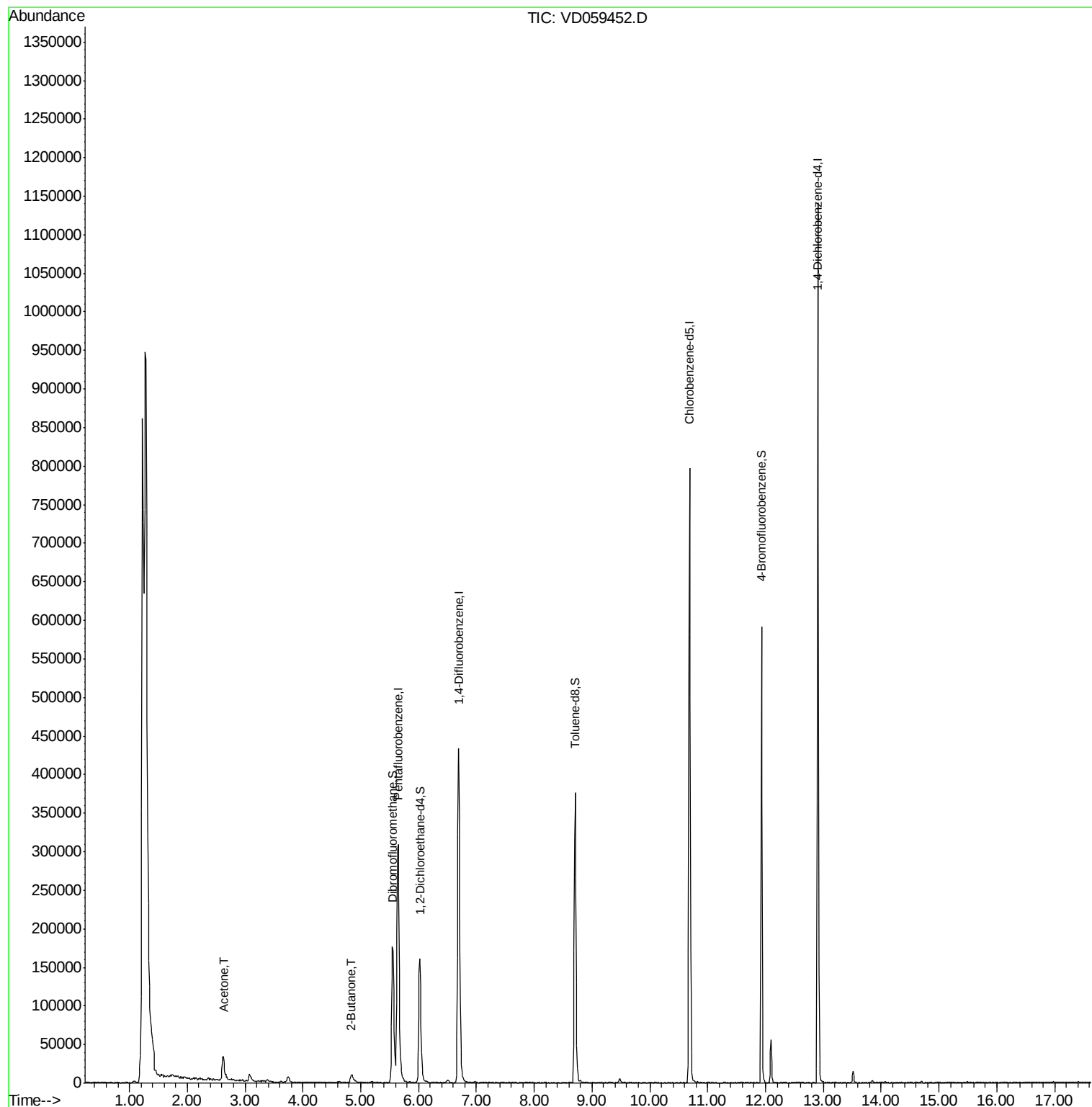
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	321946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	431349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	421947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	241860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	158483	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	5.55	113	148801	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
50) Toluene-d8	8.71	98	295178	35.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	11.93	95	147710	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
Target Compounds						
16) Acetone	2.62	43	69917	168.26	ug/l #	84
25) 2-Butanone	4.84	43	7208	8.28	ug/l #	91

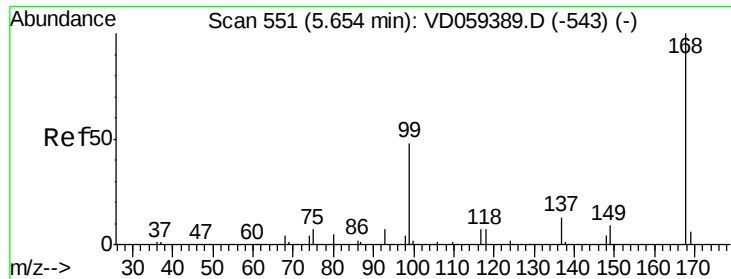
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

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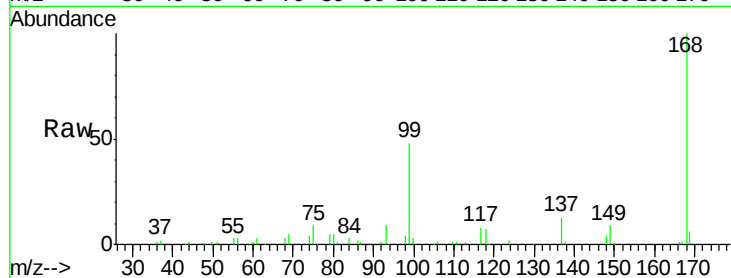
A0C2-01RE

Tot Ion:168 Resp: 321946

Ion Ratio Lower Upper

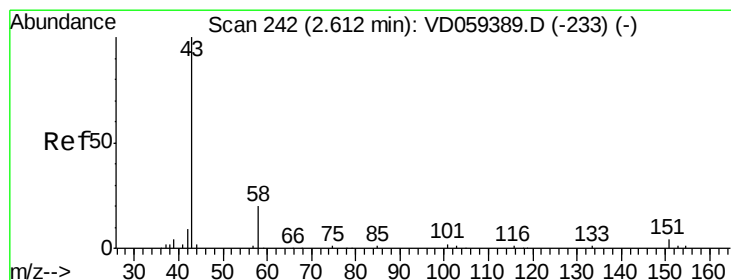
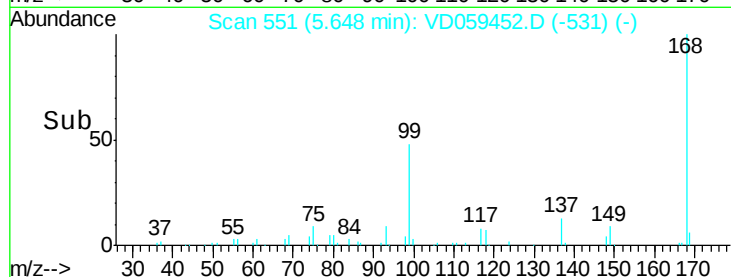
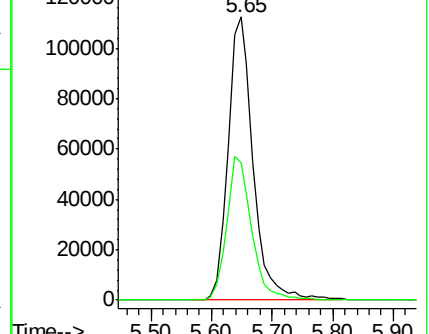
168 100

99 48.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 168.26 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD059452.D

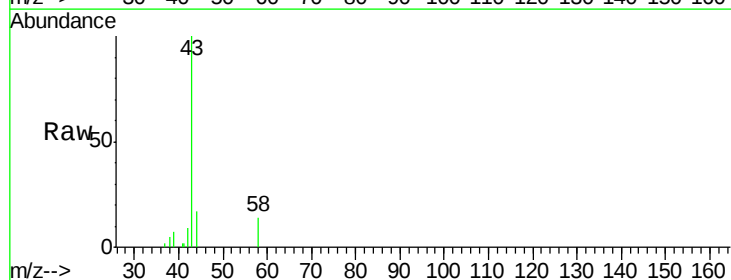
Acq: 27 Jun 2018 18:48

Tgt Ion: 43 Resp: 69917

Ion Ratio Lower Upper

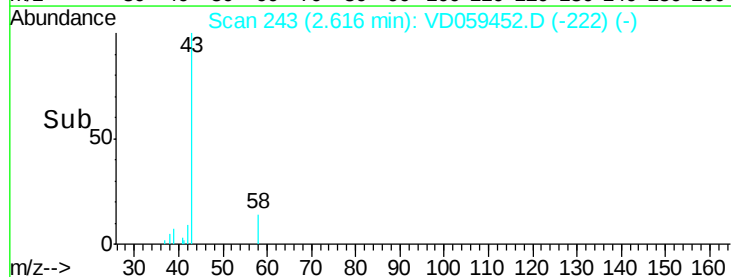
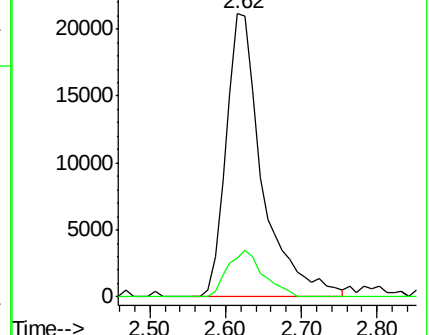
43 100

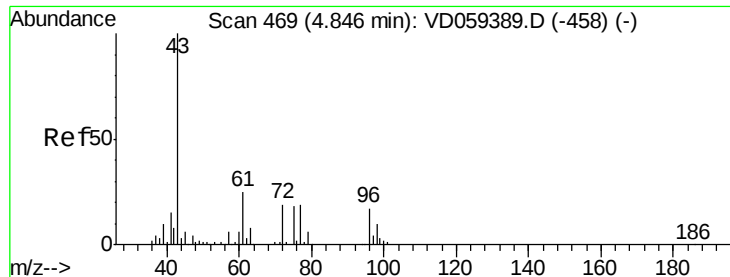
58 13.7 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 8.28 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

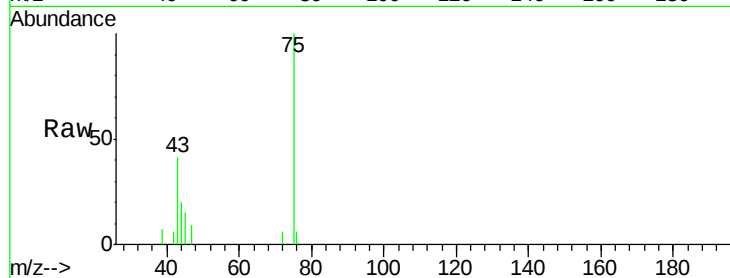
A0C2-01RE

Tot Ion: 43 Resp: 7208

Ion Ratio Lower Upper

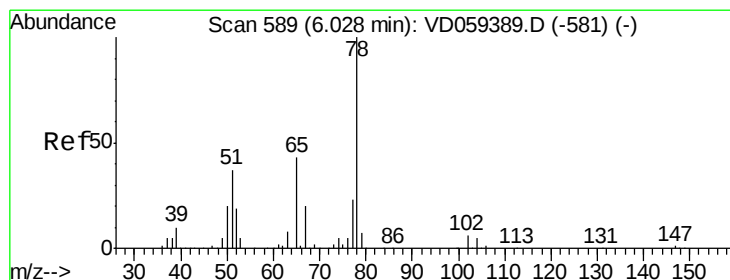
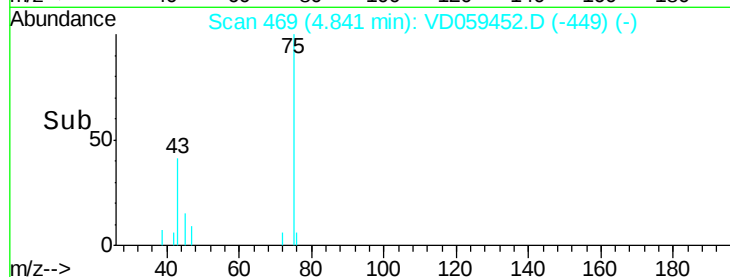
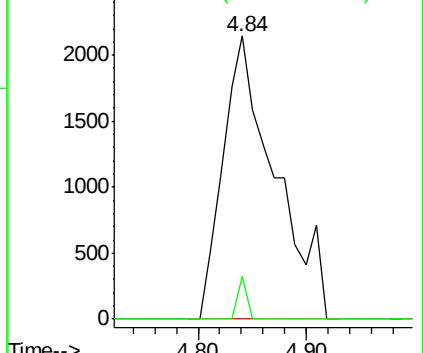
43 100

72 15.3 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059452.D

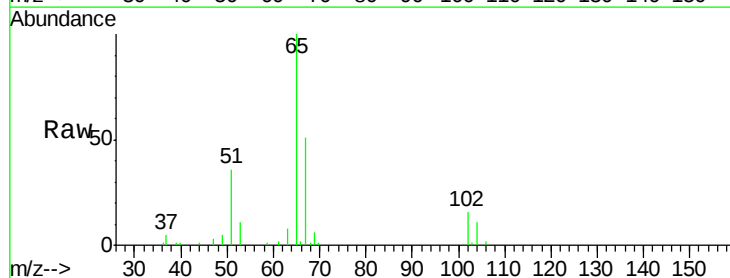
Acq: 27 Jun 2018 18:48

Tgt Ion: 65 Resp: 158483

Ion Ratio Lower Upper

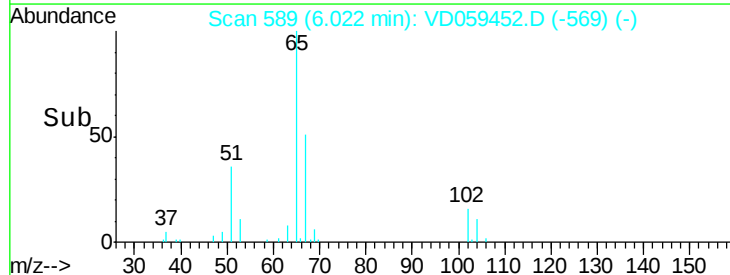
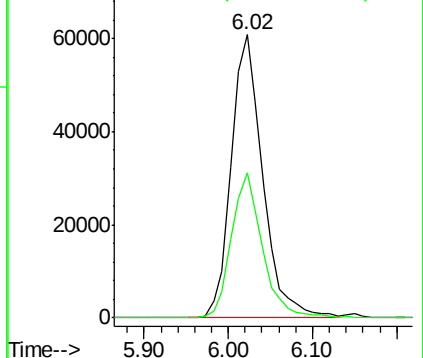
65 100

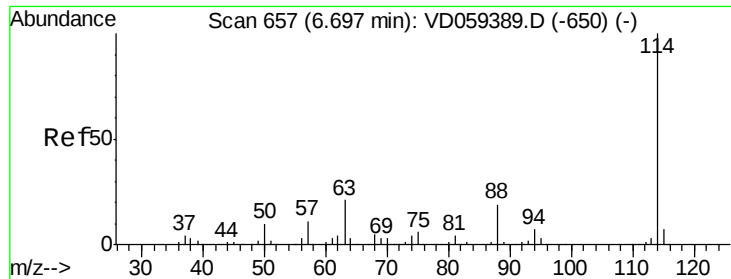
67 51.1 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

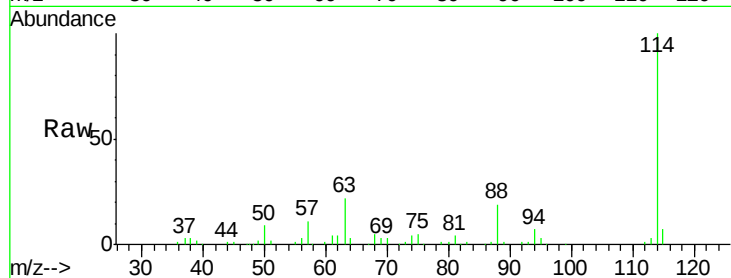




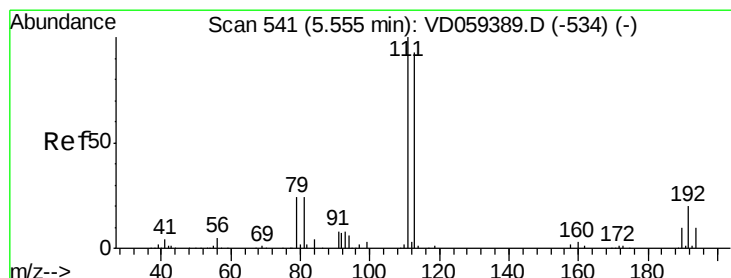
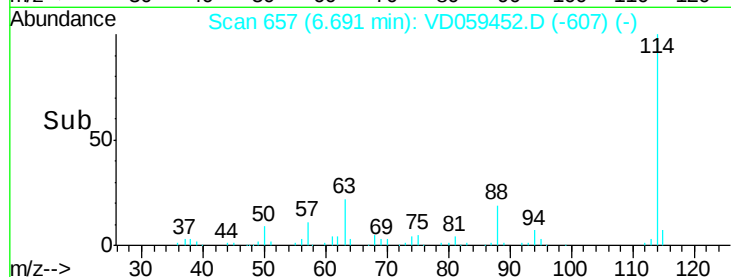
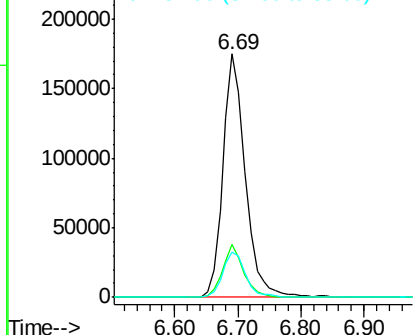
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C2-01RE

Tot Ion:114 Resp: 431349
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 18.7 0.0 38.0

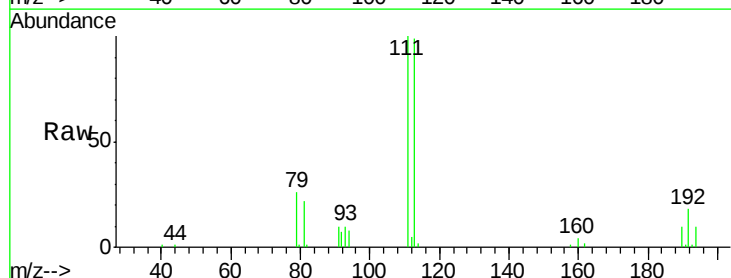


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

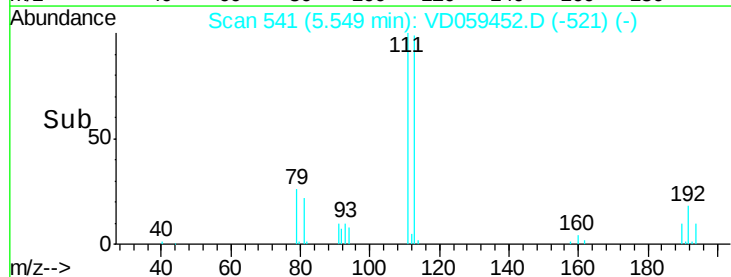
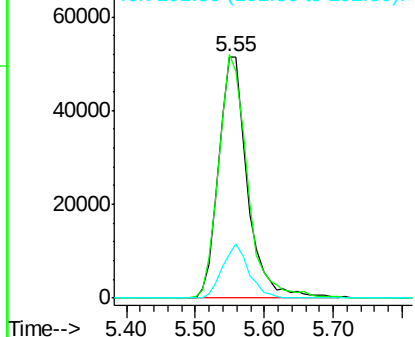


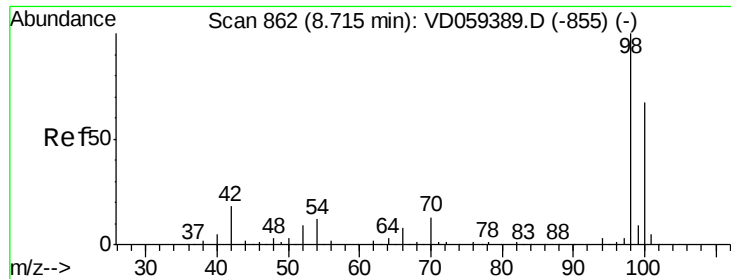
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Tgt Ion:113 Resp: 148801
 Ion Ratio Lower Upper
 113 100
 111 100.9 85.7 128.5
 192 18.2 16.9 25.3



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

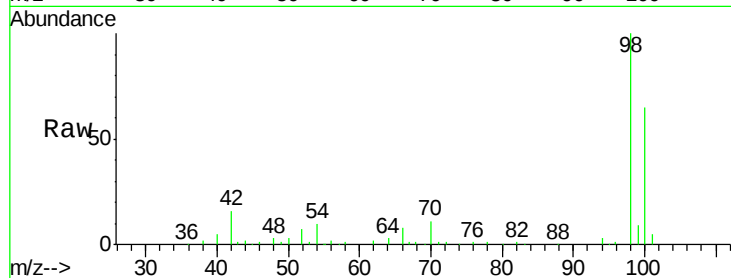




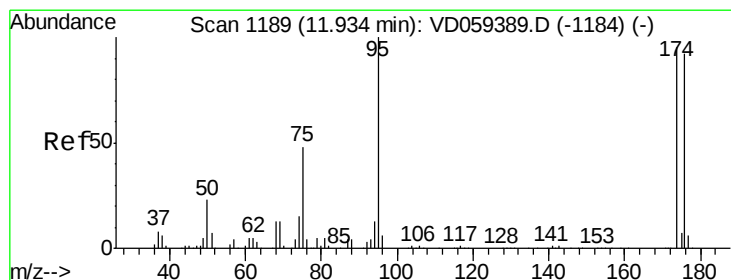
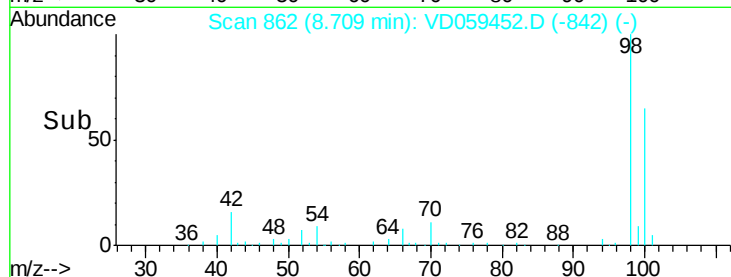
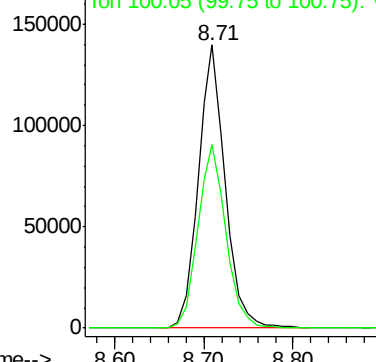
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

Instrument :
MSVOA_D
ClientSampleId :
A0C2-01RE

Tot Ion: 98 Resp: 295178
Ion Ratio Lower Upper
98 100
100 64.9 54.4 81.6

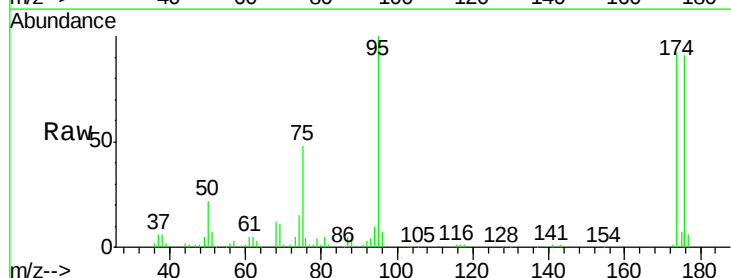


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

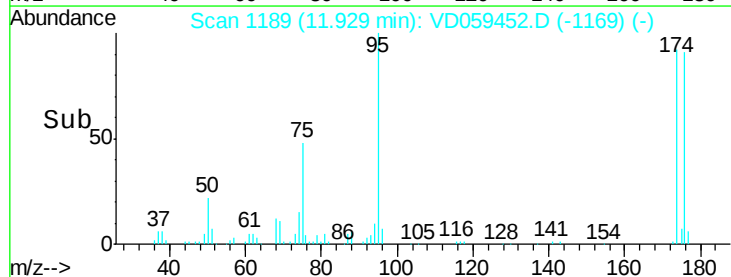
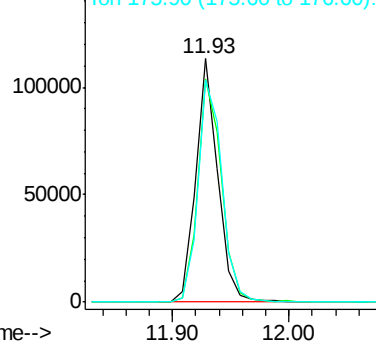


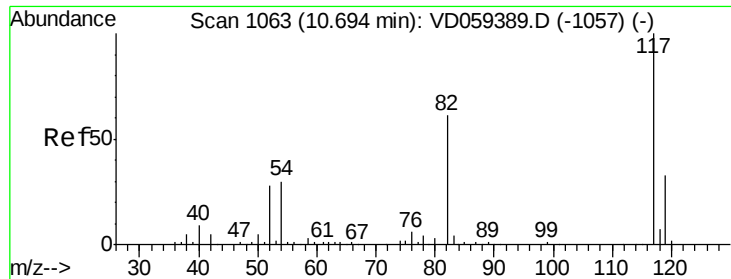
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

Tgt Ion: 95 Resp: 147710
Ion Ratio Lower Upper
95 100
174 91.6 0.0 190.4
176 91.2 0.0 183.2



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

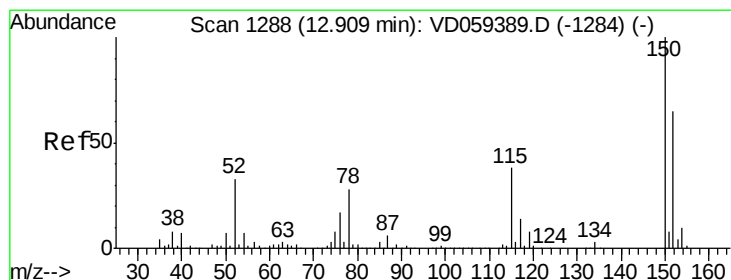
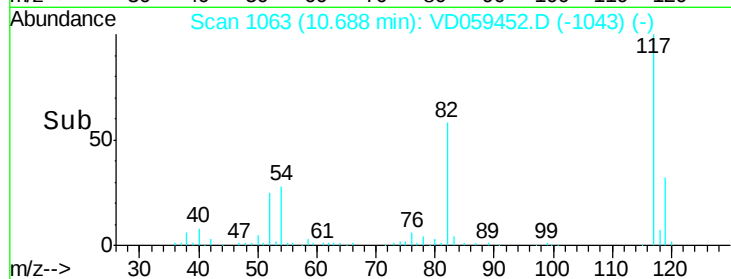
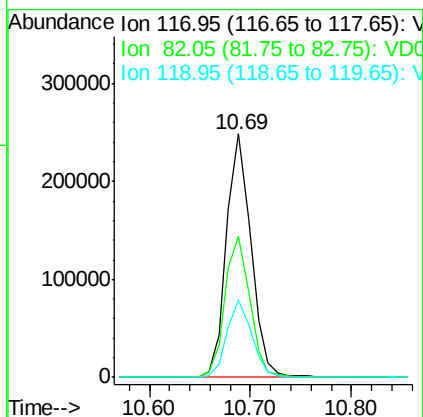
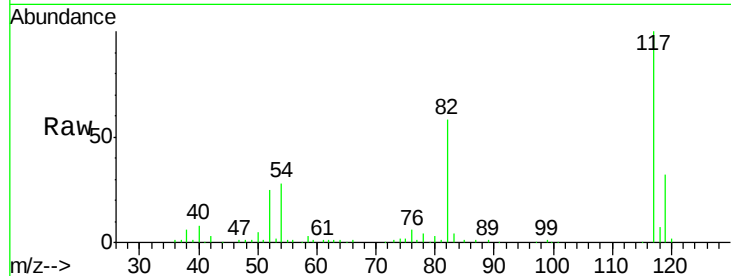




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

Instrument :
MSVOA_D
ClientSampleId :
A0C2-01RE

Tot Ion:117 Resp: 421947
Ion Ratio Lower Upper
117 100
82 57.8 49.0 73.6
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

Tgt Ion:152 Resp: 241860
Ion Ratio Lower Upper
152 100
115 52.6 29.4 88.3
150 154.9 0.0 308.2

