

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058055.D
 Acq On : 9 Jun 2018 10:36
 Operator : VA/AP
 Sample : J3360-02
 Misc : 7.78g/5ml/MSVOA D/SOIL
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB48382RT-VOA

Quant Time: Jun 11 04:53:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

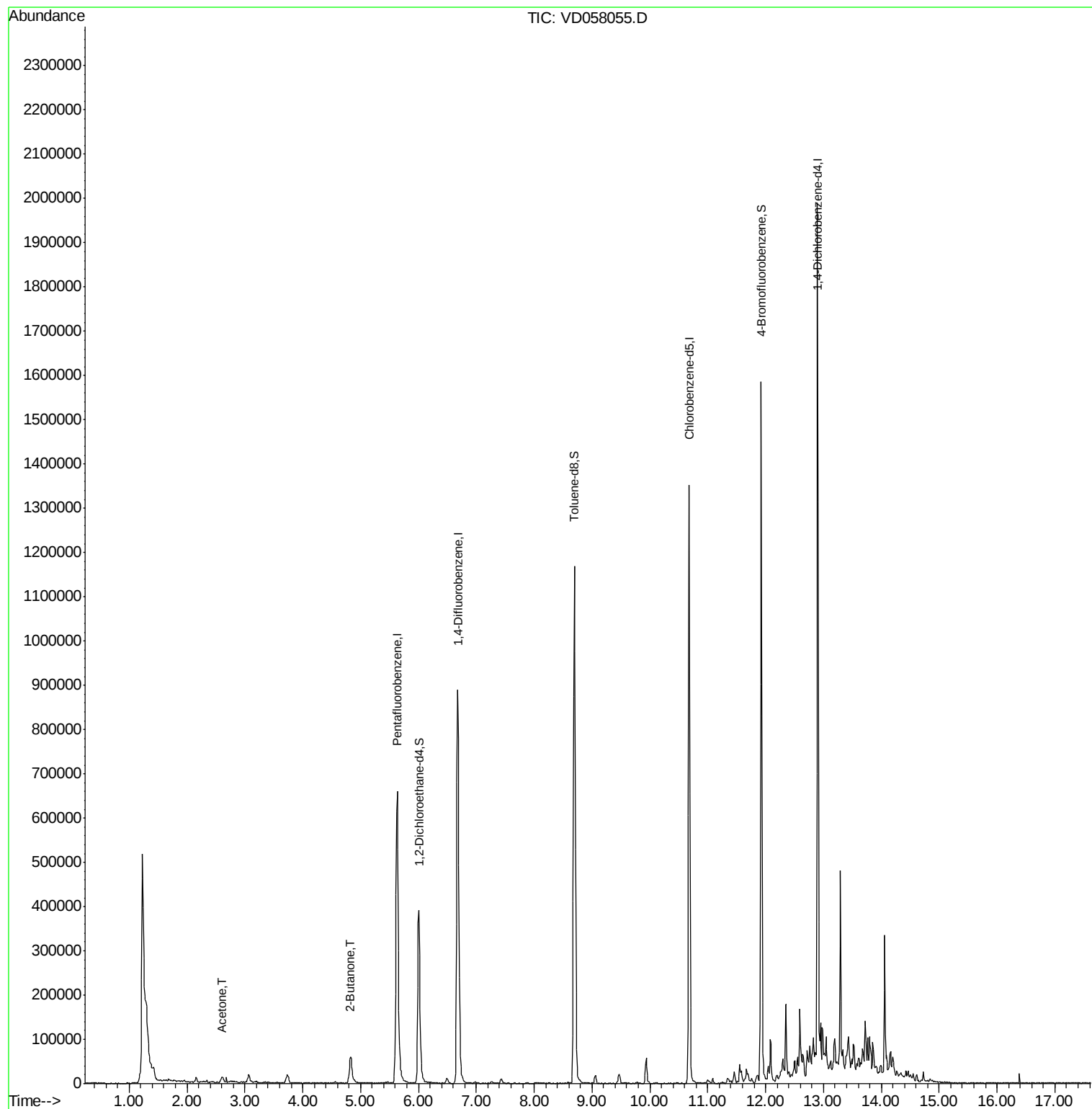
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	663328	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	901642	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	761046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	395159	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	380759	57.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.84%	
35) Dibromofluoromethane	5.61	113	327	0.05	ug/l	0.05
Spiked Amount 50.000			Recovery	=	0.10%	
50) Toluene-d8	8.69	98	901225	54.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.68%	
62) 4-Bromofluorobenzene	11.92	95	400337	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
Target Compounds						
16) Acetone	2.61	43	30688	32.12	ug/l	# 90
25) 2-Butanone	4.83	43	16550	7.62	ug/l	97

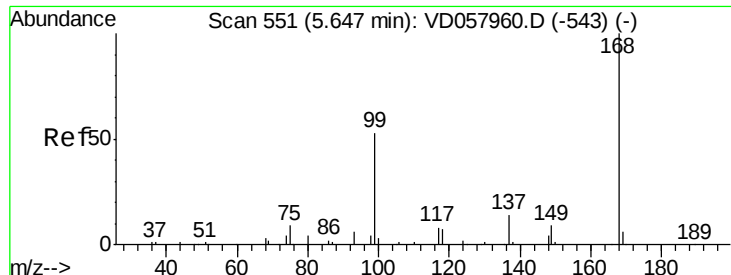
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058055.D

Acq: 9 Jun 2018 10:36

Instrument :

MSVOA_D

ClientSampleId :

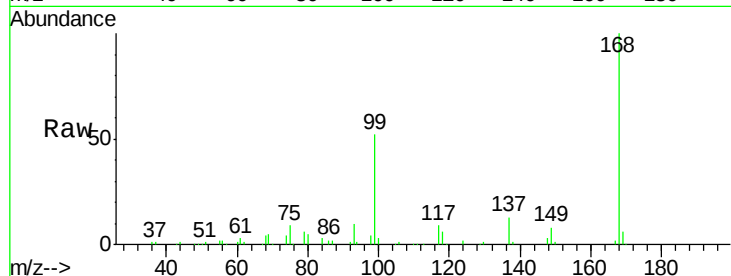
RB48382RT-VOA

Tot Ion:168 Resp: 663328

Ion Ratio Lower Upper

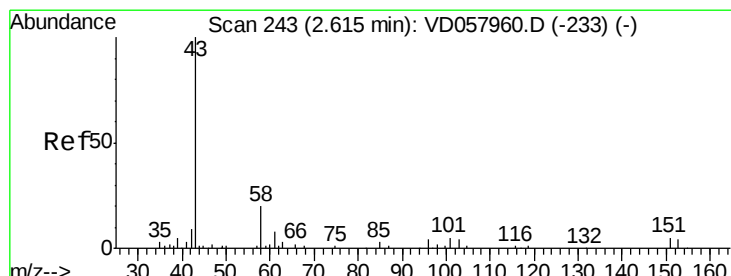
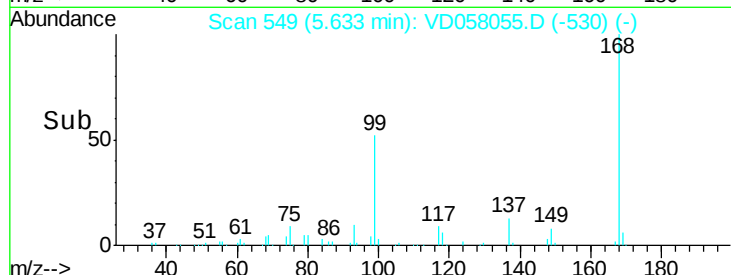
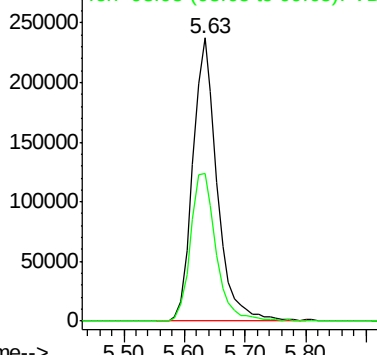
168 100

99 52.0 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: 32.12 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD058055.D

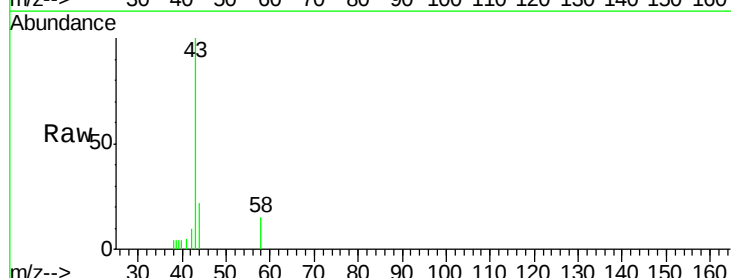
Acq: 9 Jun 2018 10:36

Tgt Ion: 43 Resp: 30688

Ion Ratio Lower Upper

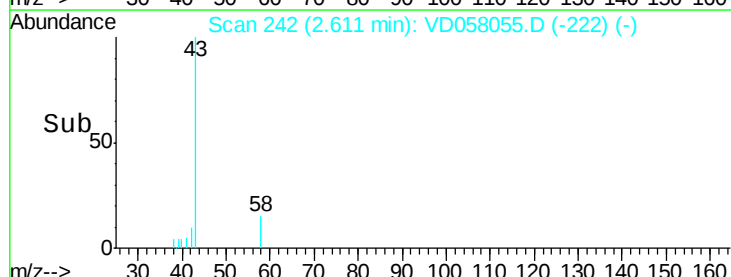
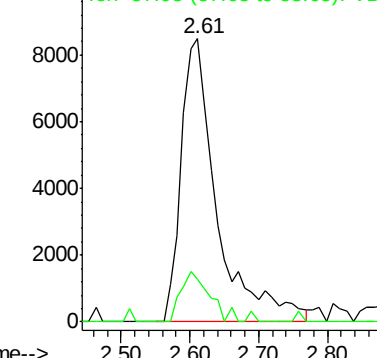
43 100

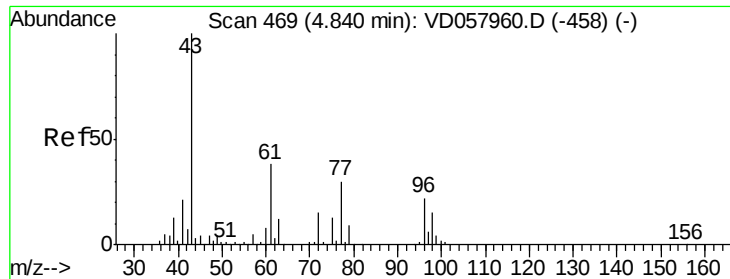
58 15.2 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 7.62 ug/l

RT: 4.83 min Scan# 467

Delta R.T. -0.01 min

Lab File: VD058055.D

Acq: 9 Jun 2018 10:36

Instrument :

MSVOA_D

ClientSampleId :

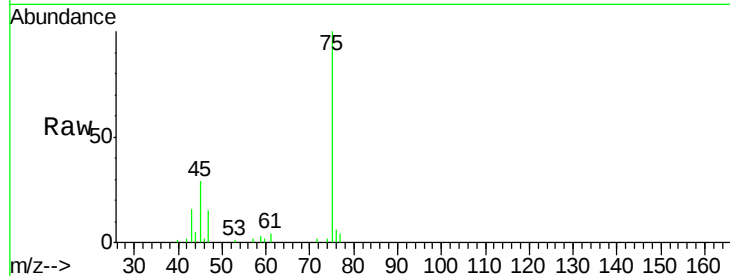
RB48382RT-VOA

Tot Ion: 43 Resp: 16550

Ion Ratio Lower Upper

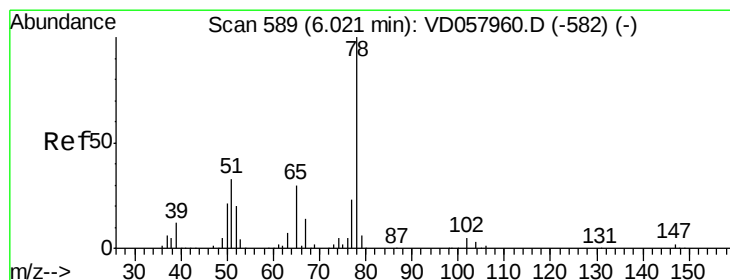
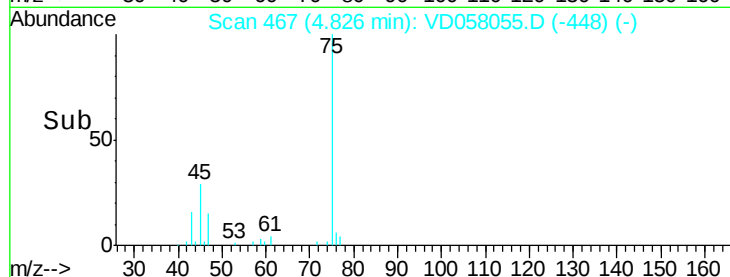
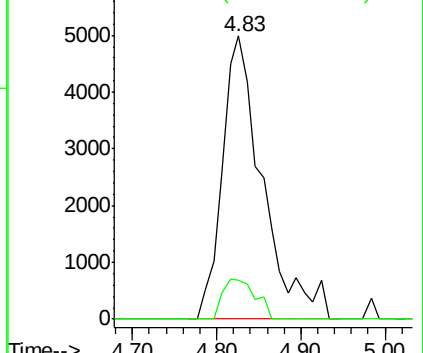
43 100

72 13.9 12.0 18.0



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: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058055.D

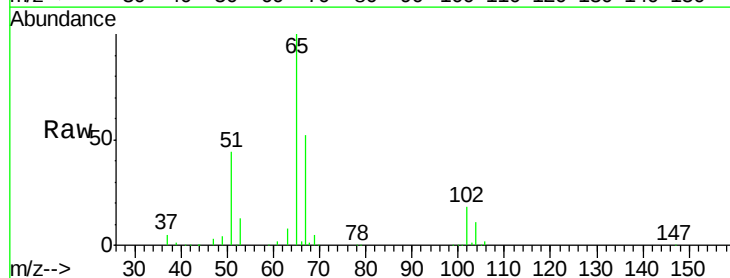
Acq: 9 Jun 2018 10:36

Tgt Ion: 65 Resp: 380759

Ion Ratio Lower Upper

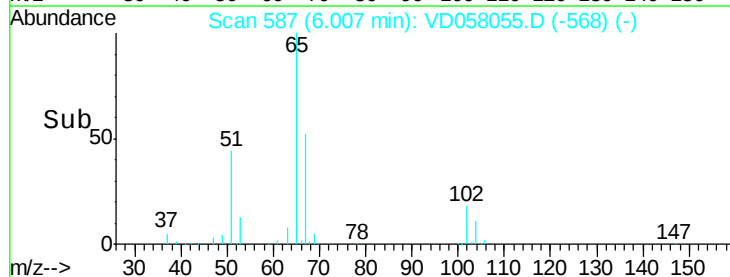
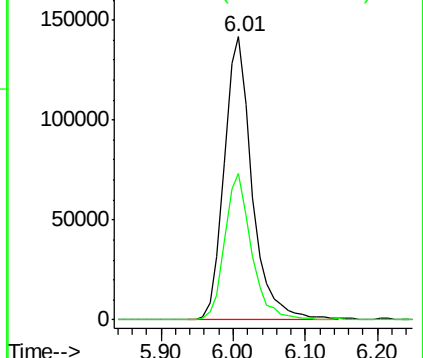
65 100

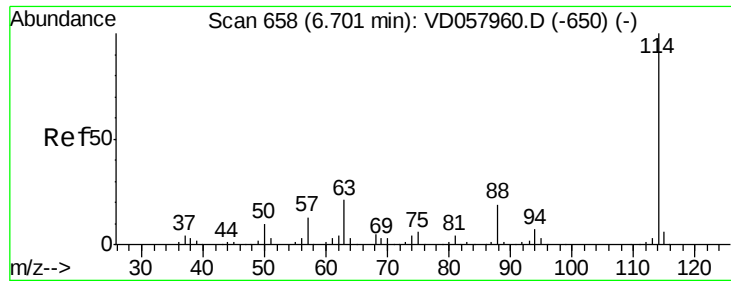
67 51.6 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

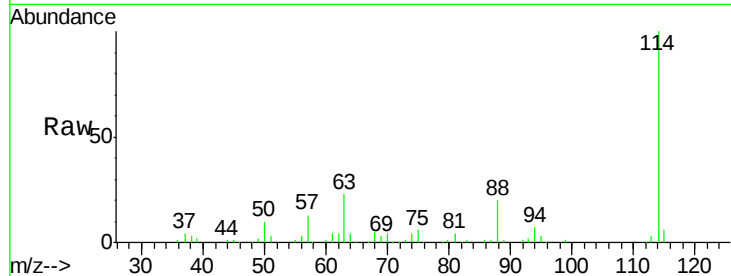




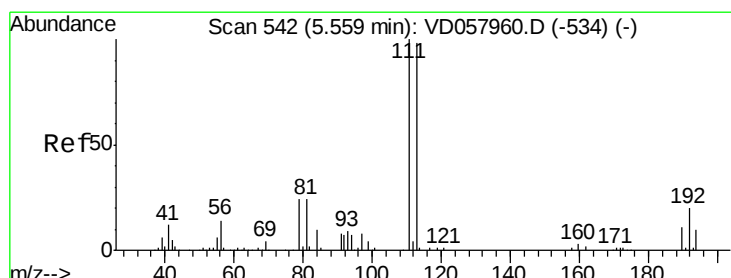
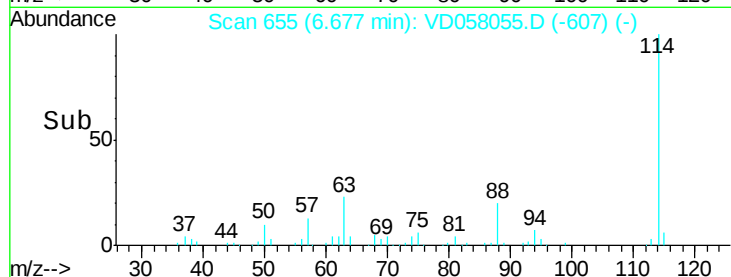
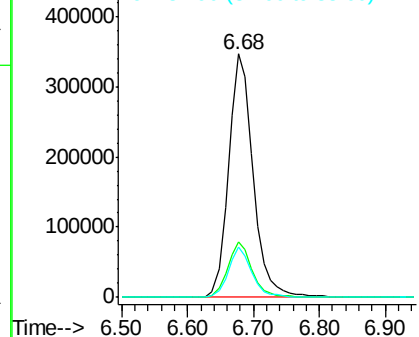
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD058055.D
 Acq: 9 Jun 2018 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 RB48382RT-VOA

Tot Ion:114 Resp: 901642
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.8
 88 20.4 0.0 37.8

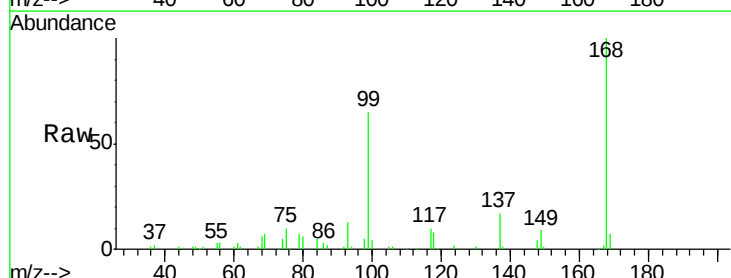


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

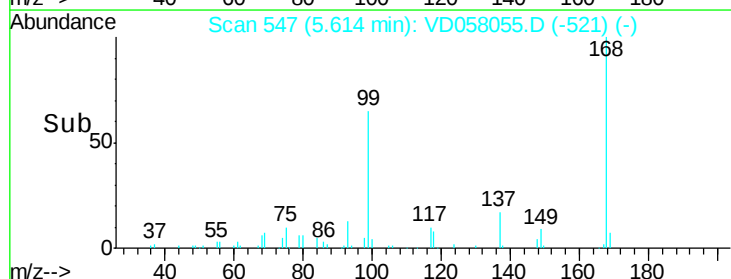
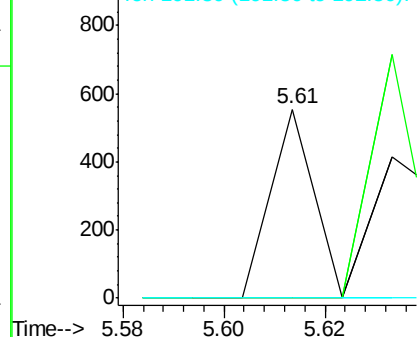


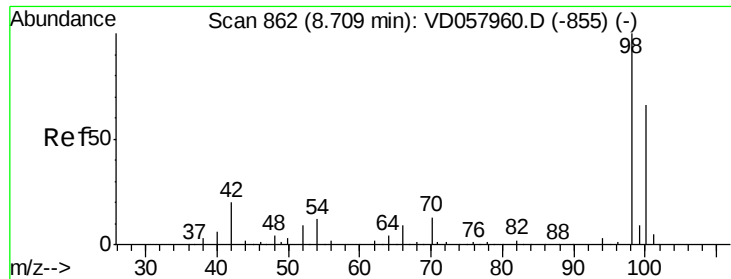
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. 0.05 min
 Lab File: VD058055.D
 Acq: 9 Jun 2018 10:36

Tgt Ion:113 Resp: 327
 Ion Ratio Lower Upper
 113 100
 111 0.0 81.5 122.3#
 192 0.0 16.4 24.6#



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

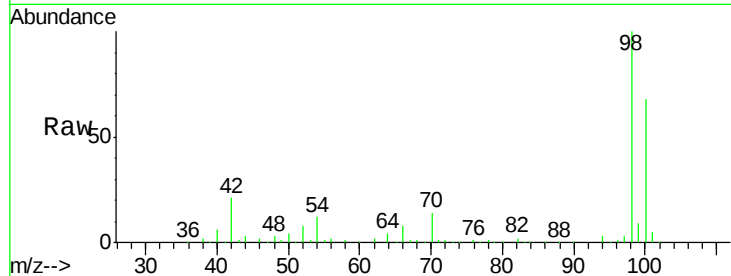




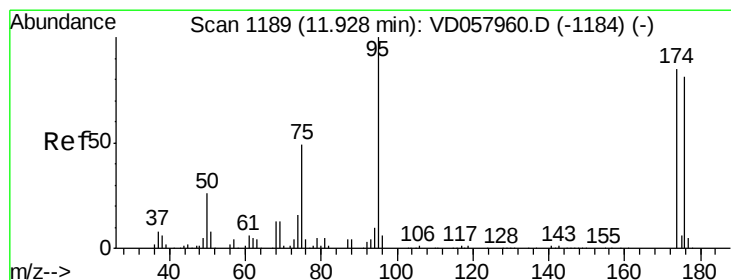
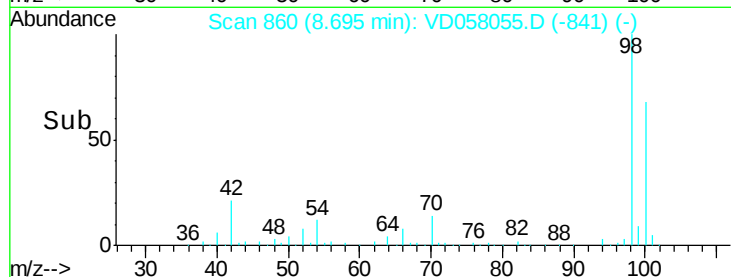
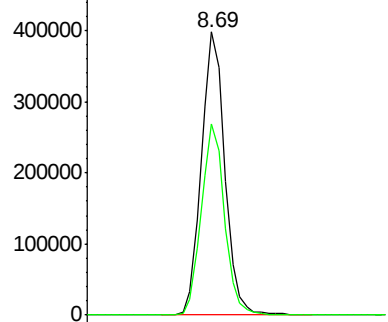
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.01 min
Lab File: VD058055.D
Acq: 9 Jun 2018 10:36

Instrument :
MSVOA_D
ClientSampleId :
RB48382RT-VOA

Tot Ion: 98 Resp: 901225
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.0

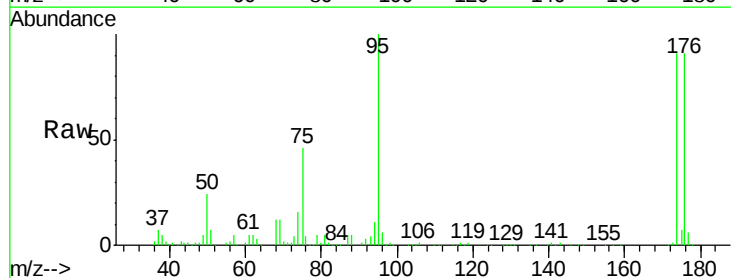


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

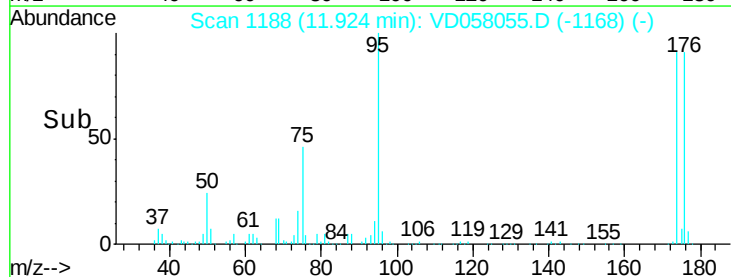
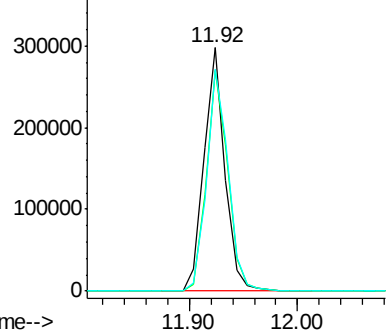


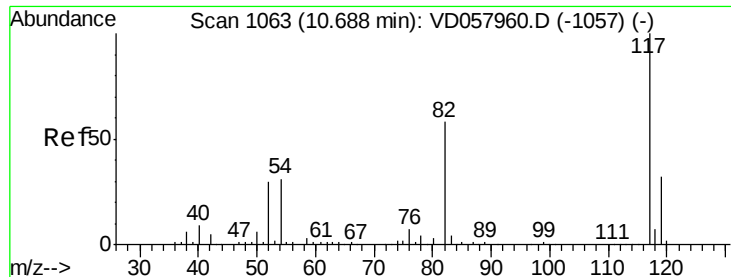
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058055.D
Acq: 9 Jun 2018 10:36

Tgt Ion: 95 Resp: 400337
Ion Ratio Lower Upper
95 100
174 90.5 0.0 169.4
176 91.0 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

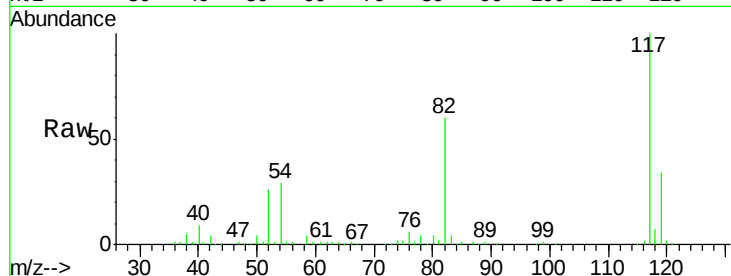




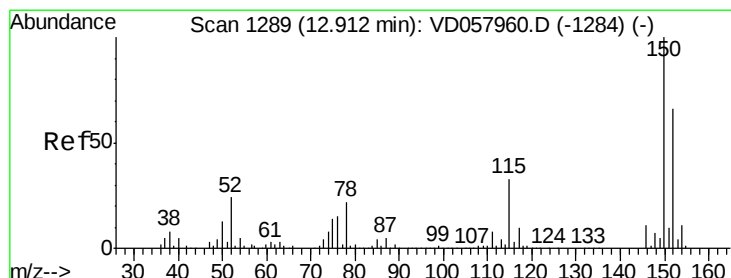
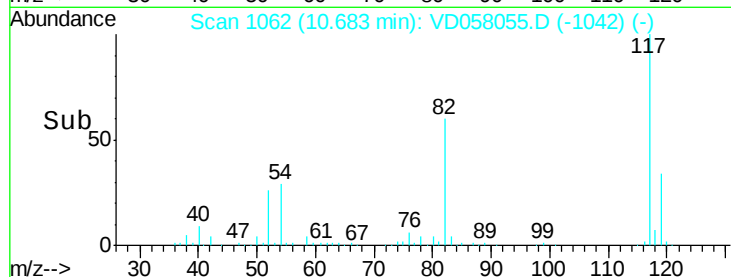
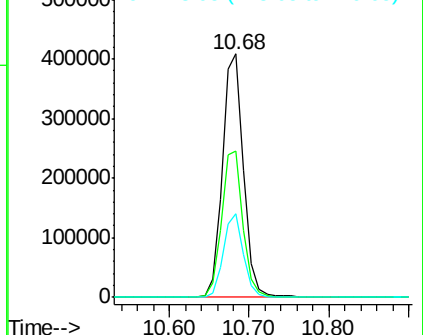
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058055.D
Acq: 9 Jun 2018 10:36

Instrument :
MSVOA_D
ClientSampleId :
RB48382RT-VOA

Tot Ion:117 Resp: 761046
Ion Ratio Lower Upper
117 100
82 60.0 46.8 70.2
119 34.2 25.8 38.6

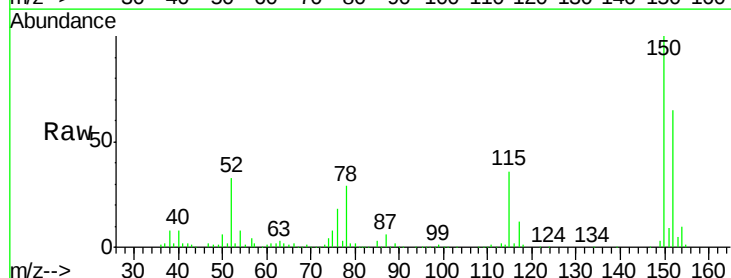


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD058055.D
Acq: 9 Jun 2018 10:36

Tgt Ion:152 Resp: 395159
Ion Ratio Lower Upper
152 100
115 56.0 25.6 76.6
150 154.4 0.0 306.8



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

