

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD058002.D
 Acq On : 8 Jun 2018 7:21
 Operator : JC/SY
 Sample : J3354-02
 Misc : 14.26g/5ml/MSVOA D/SOIL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-03-1-27

Quant Time: Jun 08 08:56:41 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

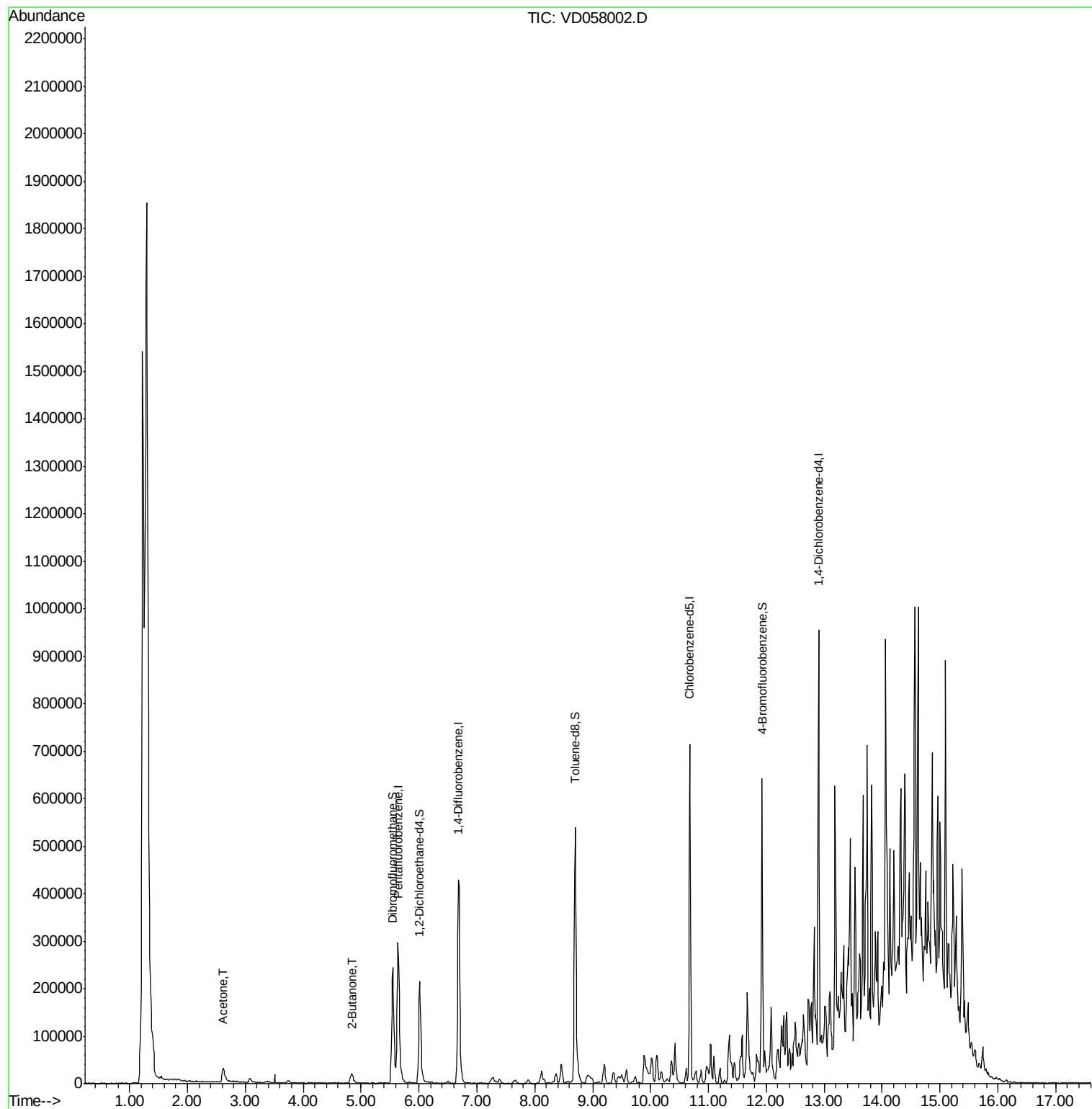
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	292068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	444136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	385598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	184867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	221328	75.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.60%	
35) Dibromofluoromethane	5.55	113	201248	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
50) Toluene-d8	8.70	98	393039	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.93	95	185357	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
Target Compounds						
16) Acetone	2.62	43	76529	181.915	ug/l	93
25) 2-Butanone	4.83	43	22020	23.032	ug/l #	90

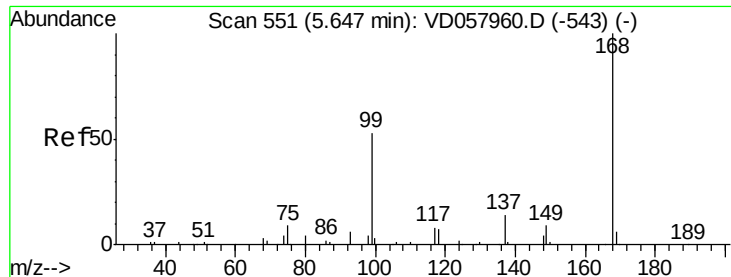
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058002.D

Acq: 8 Jun 2018 7:21

Instrument :

MSVOA_D

ClientSampleId :

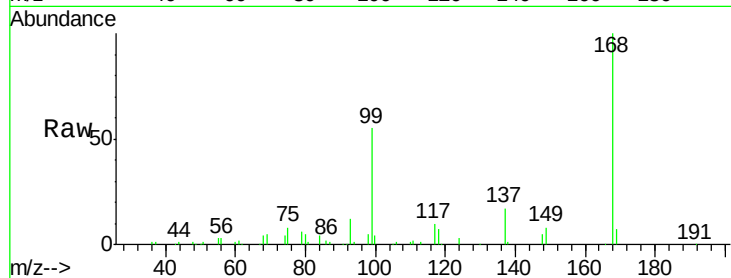
CAS1-SB-02-03-1-27

Tot Ion:168 Resp: 292068

Ion Ratio Lower Upper

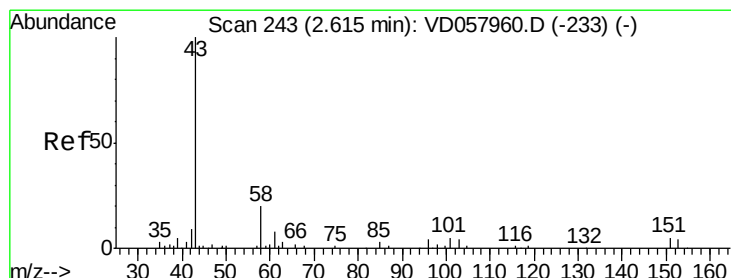
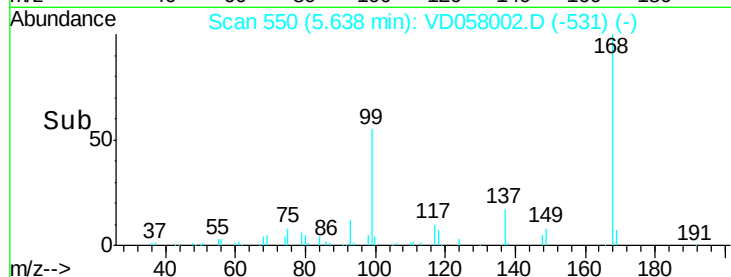
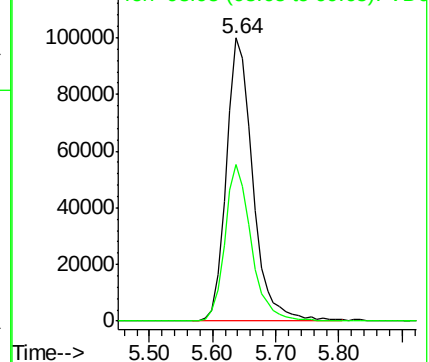
168 100

99 55.2 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: 181.915 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD058002.D

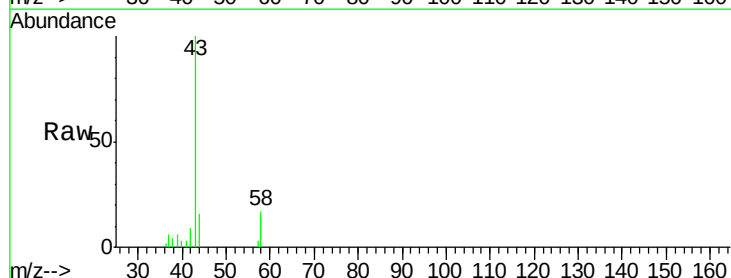
Acq: 8 Jun 2018 7:21

Tgt Ion: 43 Resp: 76529

Ion Ratio Lower Upper

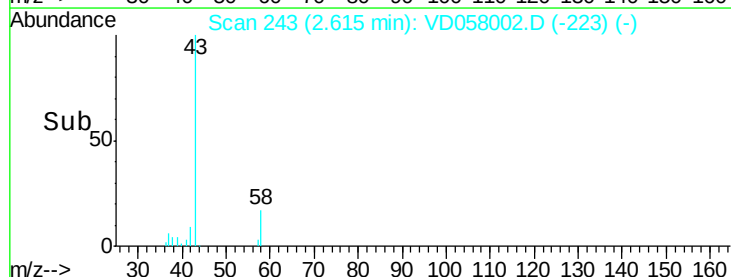
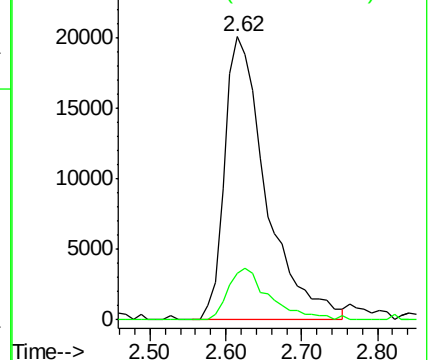
43 100

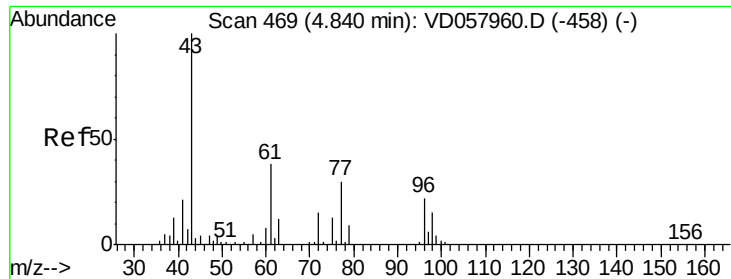
58 16.6 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 23.032 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD058002.D

Acq: 8 Jun 2018 7:21

Instrument :

MSVOA_D

ClientSampleId :

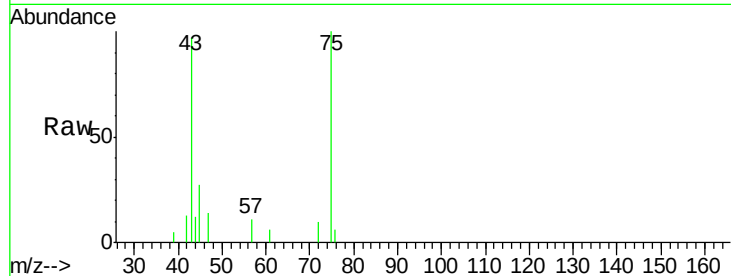
CAS1-SB-02-03-1-27

Tot Ion: 43 Resp: 22020

Ion Ratio Lower Upper

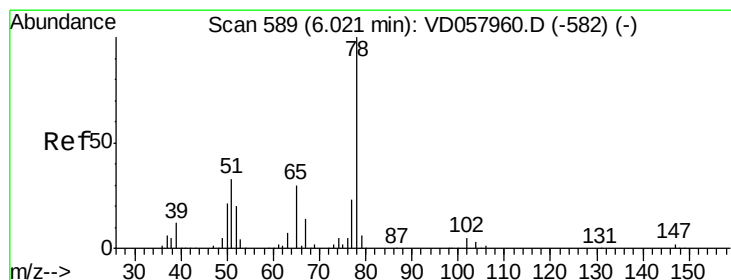
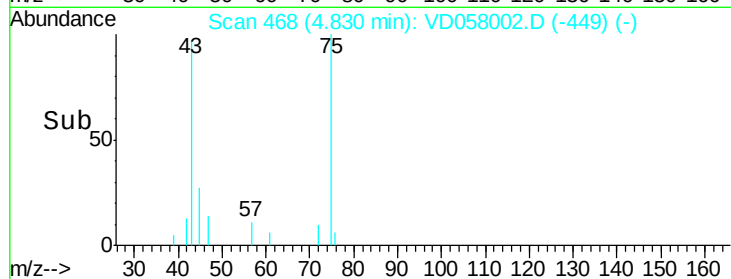
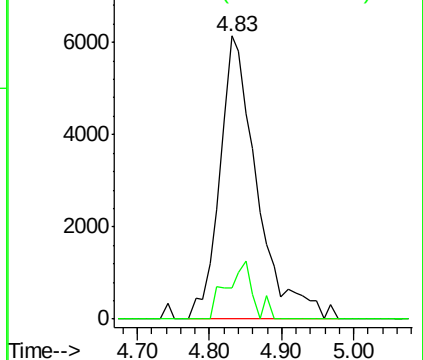
43 100

72 10.8 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# 588

Delta R.T. -0.01 min

Lab File: VD058002.D

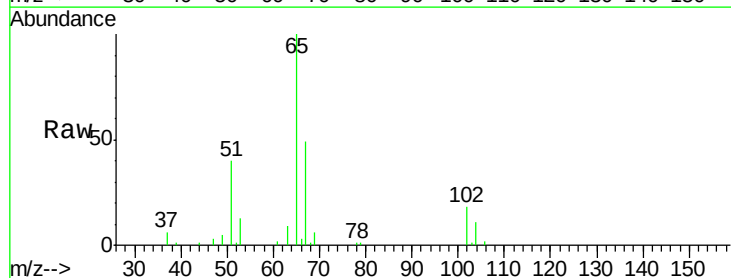
Acq: 8 Jun 2018 7:21

Tgt Ion: 65 Resp: 221328

Ion Ratio Lower Upper

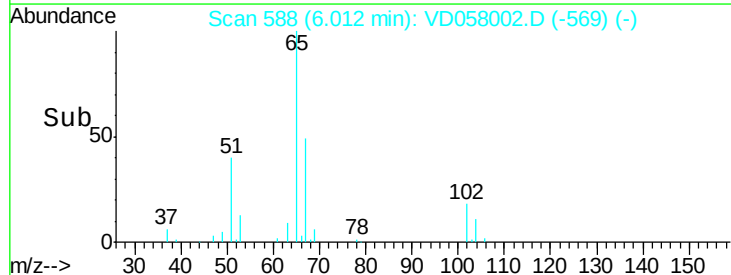
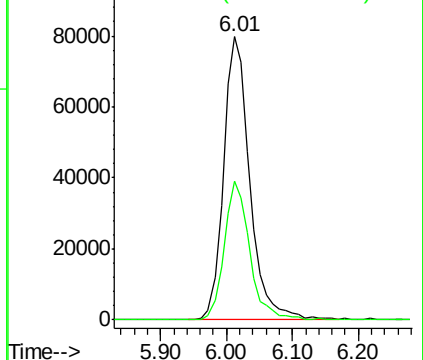
65 100

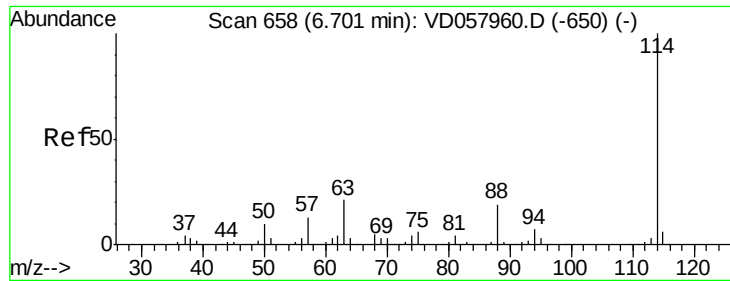
67 48.8 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

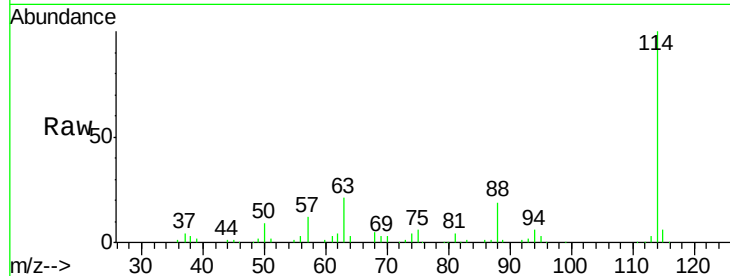




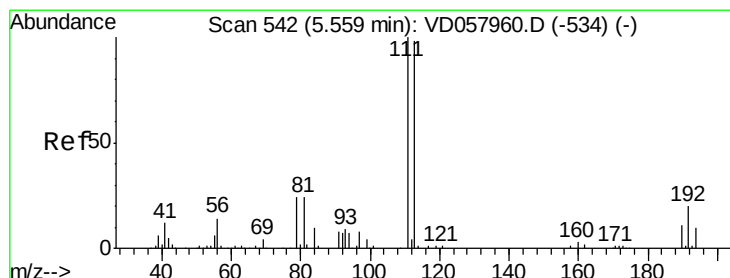
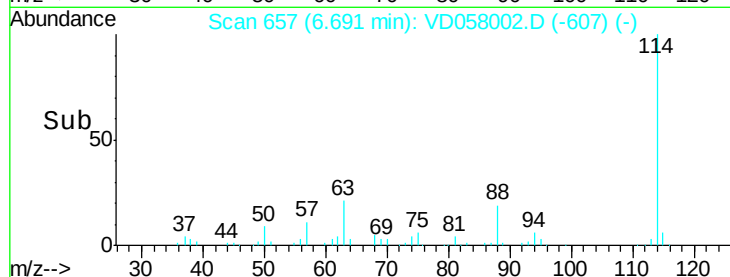
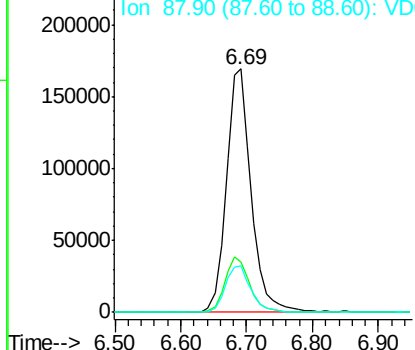
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058002.D
Acq: 8 Jun 2018 7:21

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-03-1-27

Tot Ion:114 Resp: 444136
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.8
88 19.1 0.0 37.8

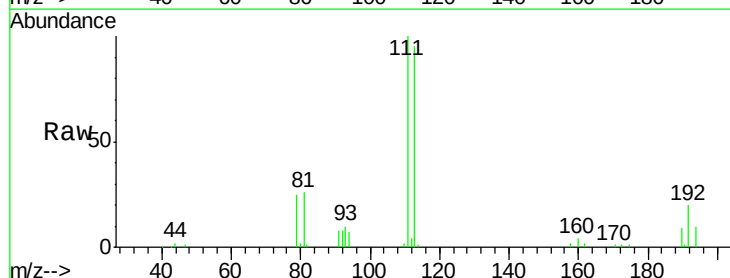


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

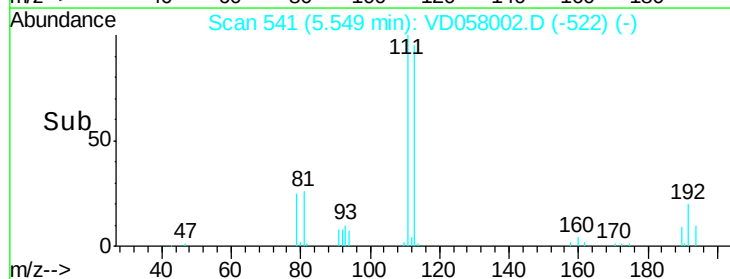
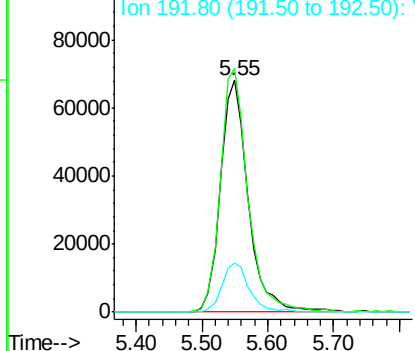


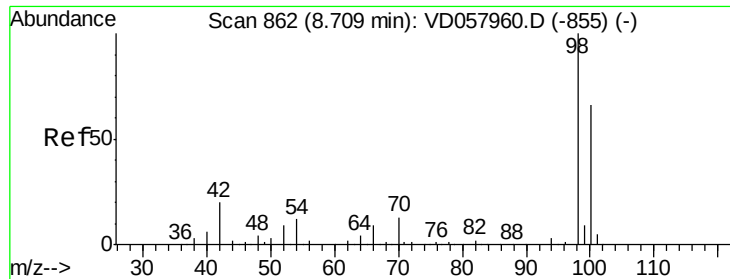
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD058002.D
Acq: 8 Jun 2018 7:21

Tgt Ion:113 Resp: 201248
Ion Ratio Lower Upper
113 100
111 105.1 81.5 122.3
192 20.9 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

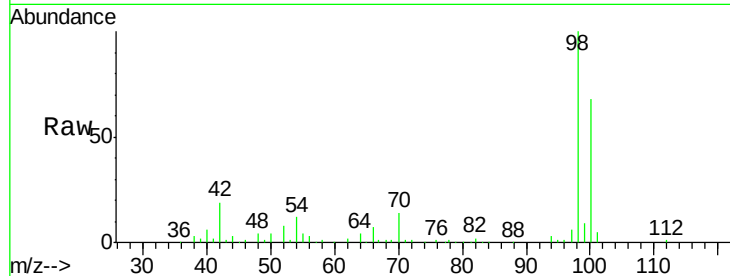




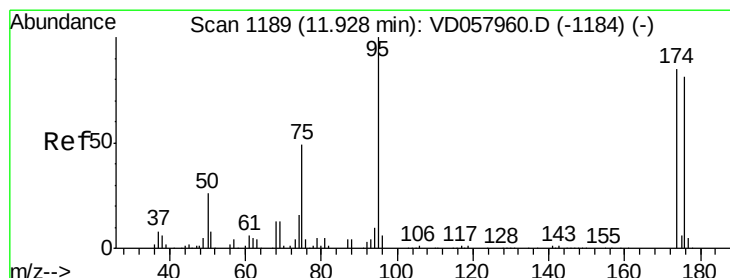
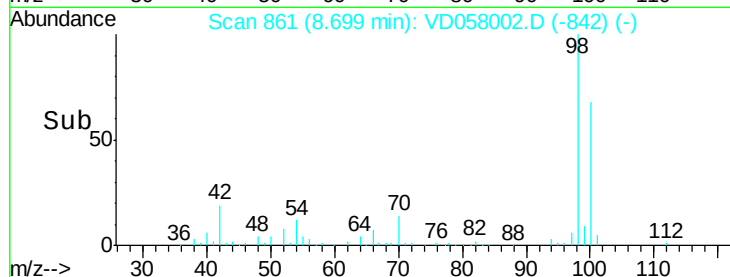
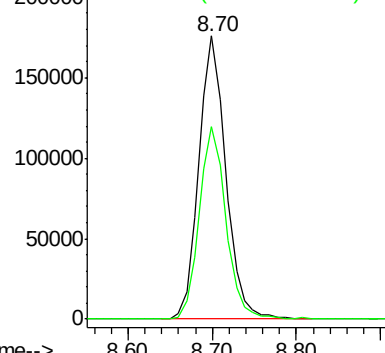
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058002.D
Acq: 8 Jun 2018 7:21

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-03-1-27

Tot Ion: 98 Resp: 393039
Ion Ratio Lower Upper
98 100
100 67.8 53.4 80.0

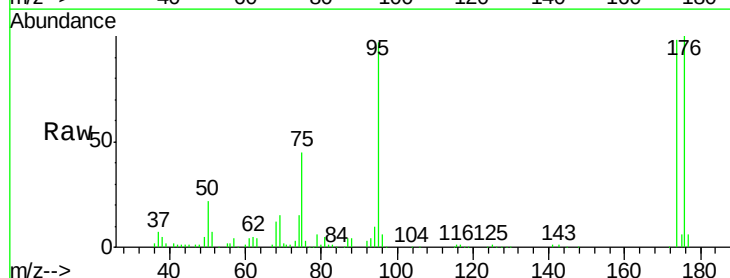


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

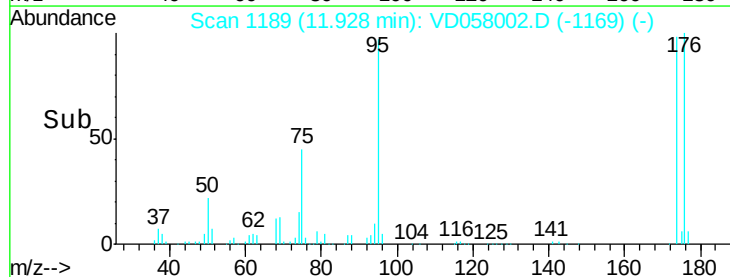
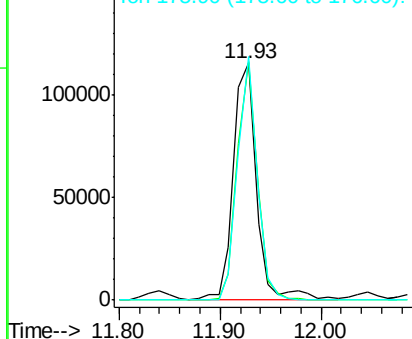


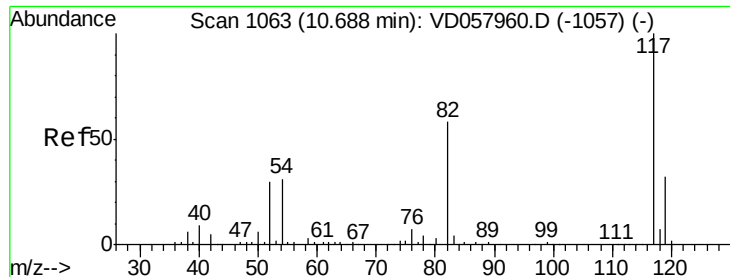
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058002.D
Acq: 8 Jun 2018 7:21

Tgt Ion: 95 Resp: 185357
Ion Ratio Lower Upper
95 100
174 100.6 0.0 169.4
176 102.9 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058002.D

Acq: 8 Jun 2018 7:21

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-03-1-27

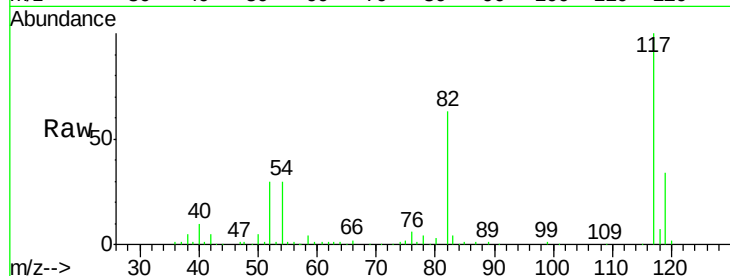
Tot Ion:117 Resp: 385598

Ion Ratio Lower Upper

117 100

82 63.0 46.8 70.2

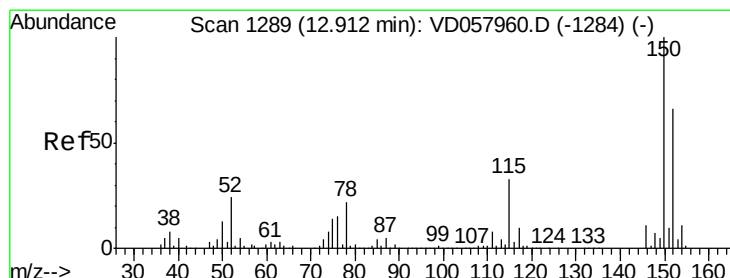
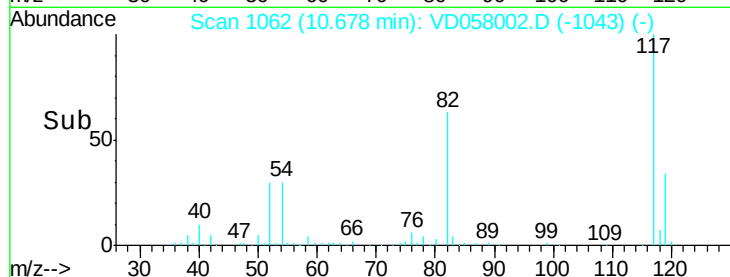
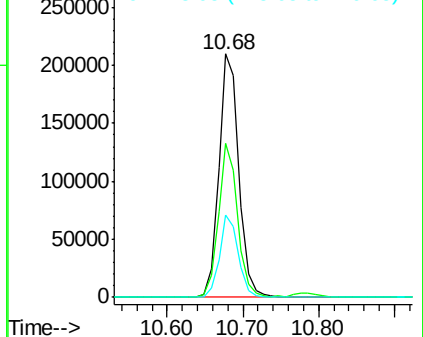
119 33.7 25.8 38.6



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: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058002.D

Acq: 8 Jun 2018 7:21

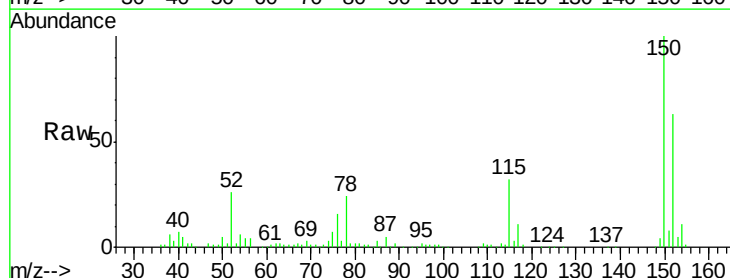
Tgt Ion:152 Resp: 184867

Ion Ratio Lower Upper

152 100

115 51.4 25.6 76.6

150 159.6 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

