

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057992.D
 Acq On : 8 Jun 2018 2:40
 Operator : JC/SY
 Sample : J3354-01
 Misc : 5.32g/5ml/MSVOA D/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-3-4

Quant Time: Jun 08 08:22:53 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

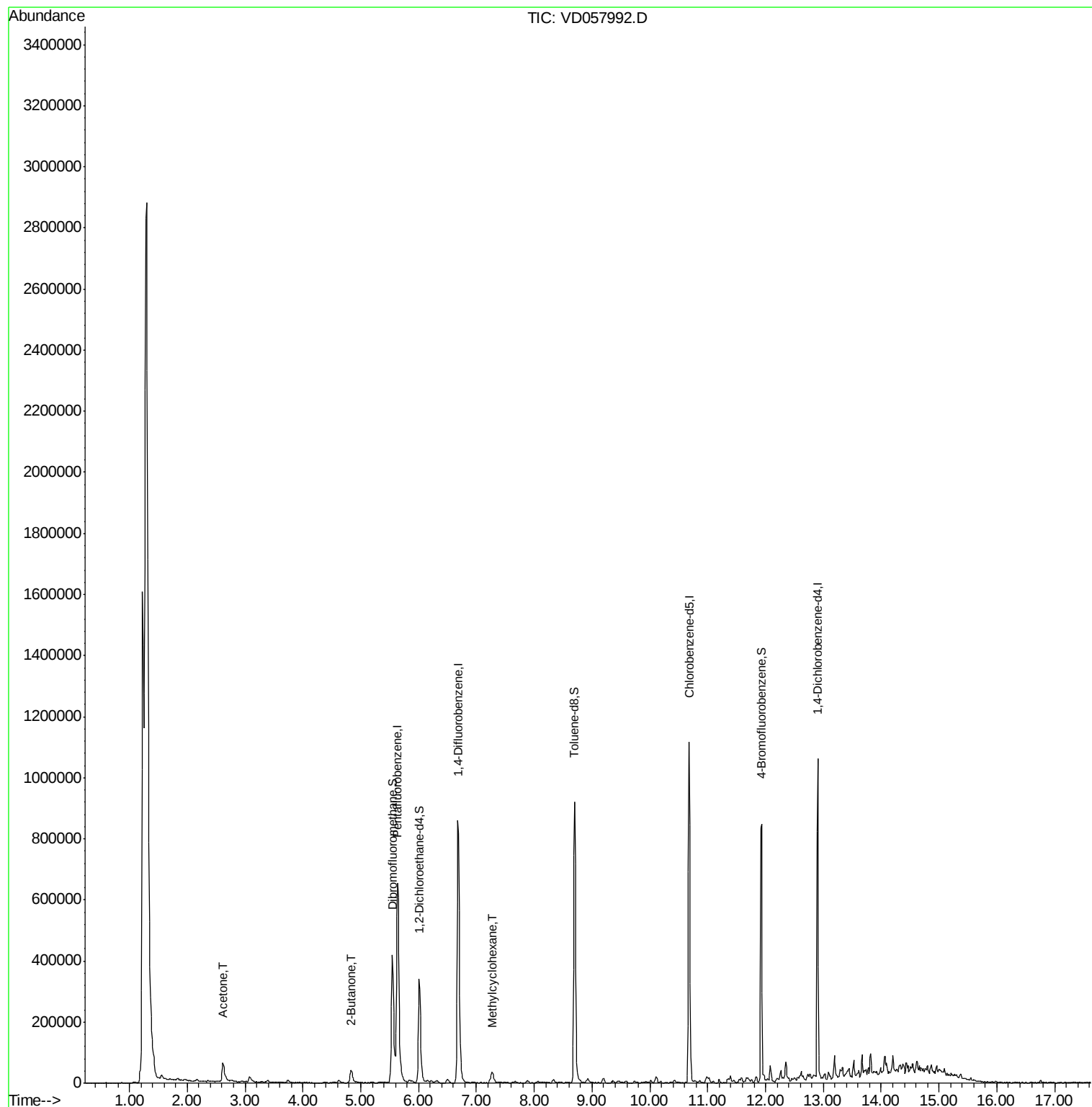
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	662606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	883839	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	586489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	231735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	339237	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.55	113	352497	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.70	98	709423	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	11.92	95	259433	36.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.16%	
Target Compounds						
16) Acetone	2.62	43	146229	153.216	ug/l	99
25) 2-Butanone	4.83	43	56950	26.256	ug/l	95
39) Methylcyclohexane	7.28	83	17794	1.843	ug/l	84

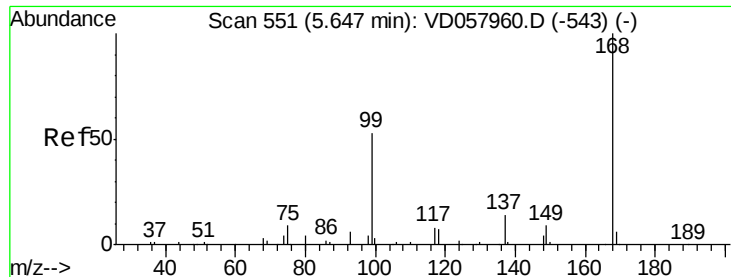
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057992.D

Acq: 8 Jun 2018 2:40

Instrument :

MSVOA_D

ClientSampleId :

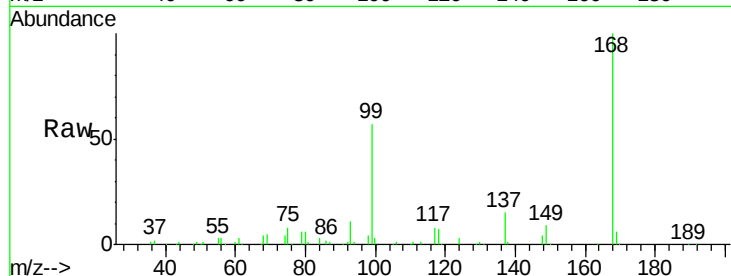
CAS1-SB-02-3-4

Tot Ion:168 Resp: 662606

Ion Ratio Lower Upper

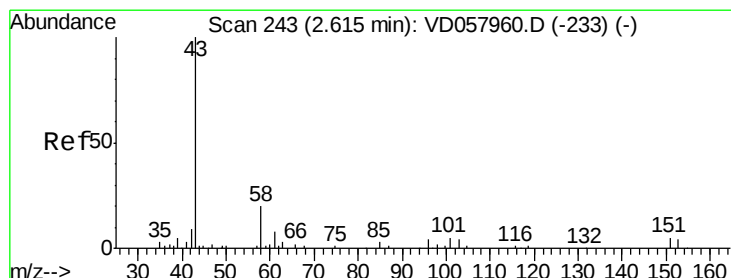
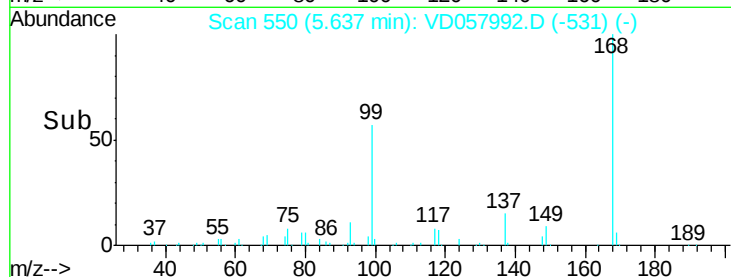
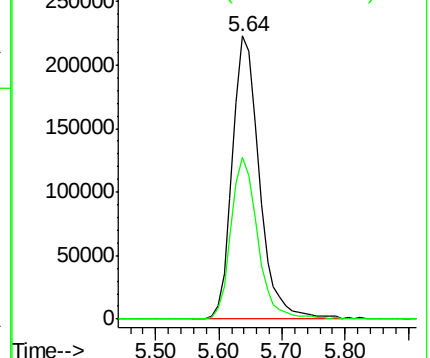
168 100

99 57.2 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: 153.216 ug/l

RT: 2.62 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD057992.D

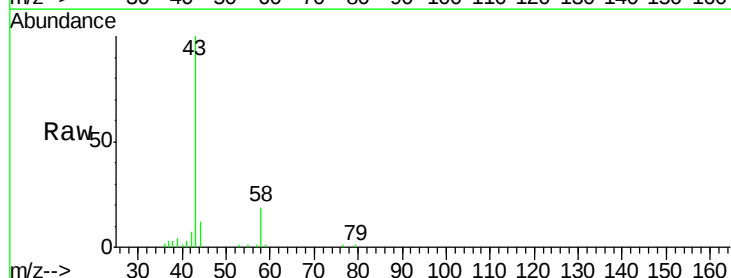
Acq: 8 Jun 2018 2:40

Tgt Ion: 43 Resp: 146229

Ion Ratio Lower Upper

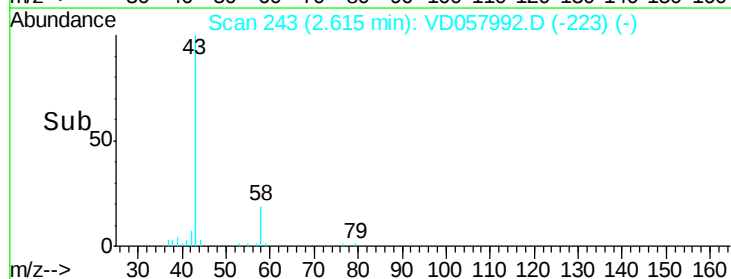
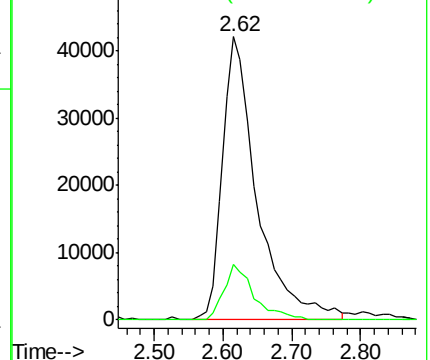
43 100

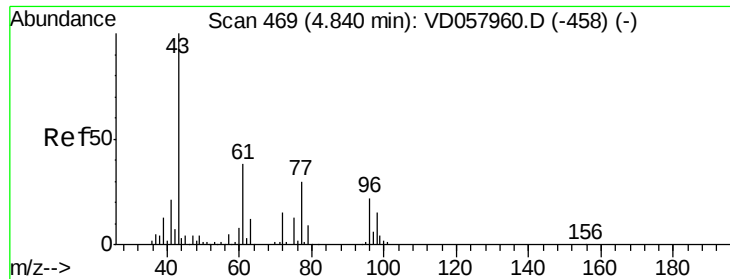
58 19.5 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 26.256 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD057992.D

Acq: 8 Jun 2018 2:40

Instrument :

MSVOA_D

ClientSampleId :

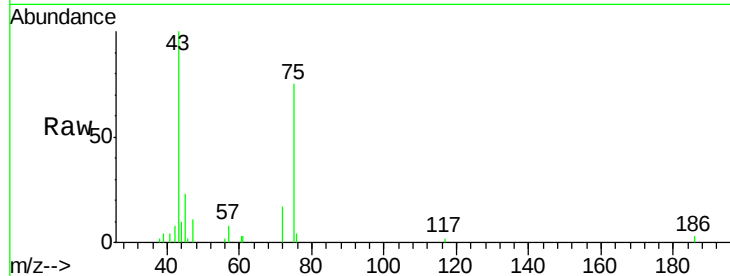
CAS1-SB-02-3-4

Tot Ion: 43 Resp: 56950

Ion Ratio Lower Upper

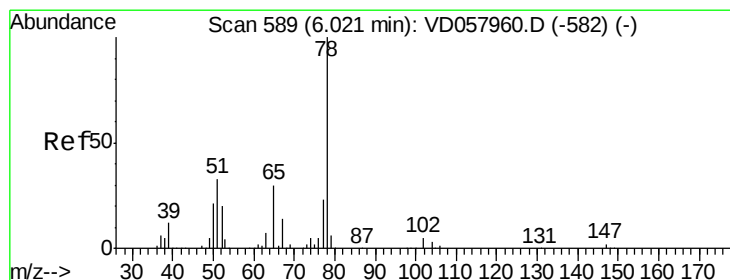
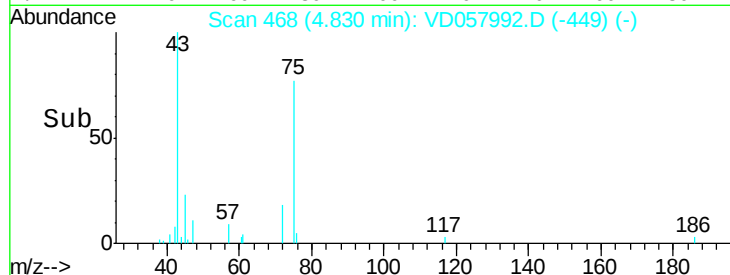
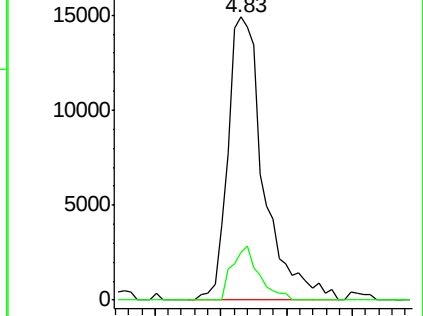
43 100

72 17.0 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: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057992.D

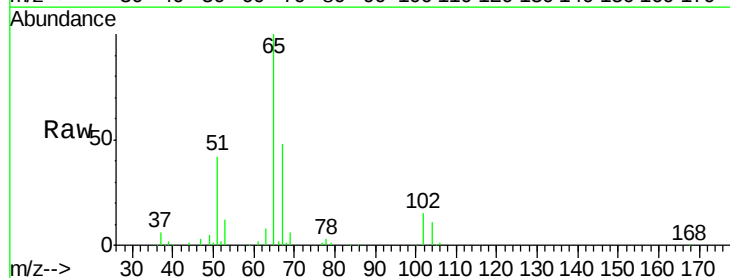
Acq: 8 Jun 2018 2:40

Tgt Ion: 65 Resp: 339237

Ion Ratio Lower Upper

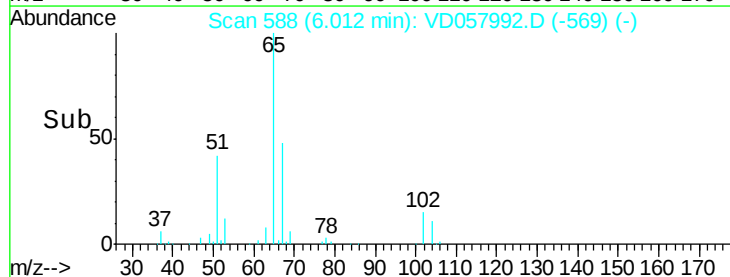
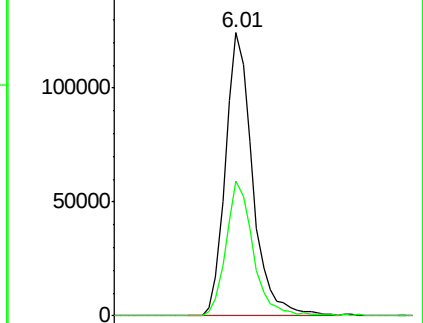
65 100

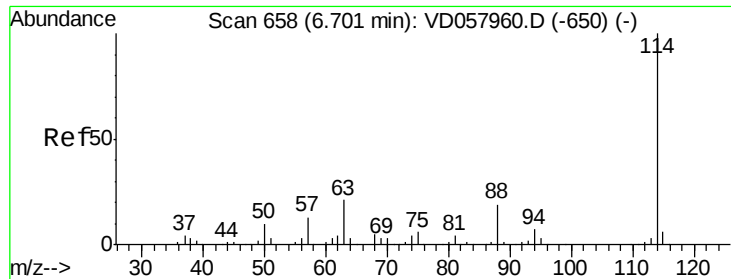
67 47.6 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

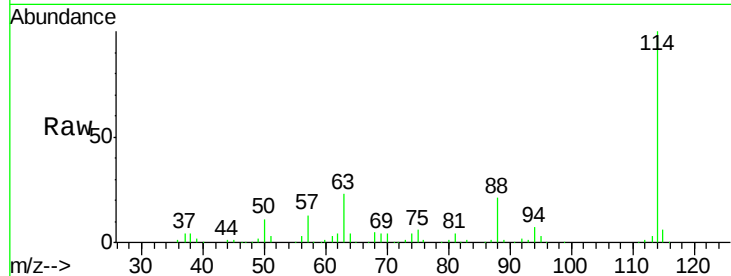




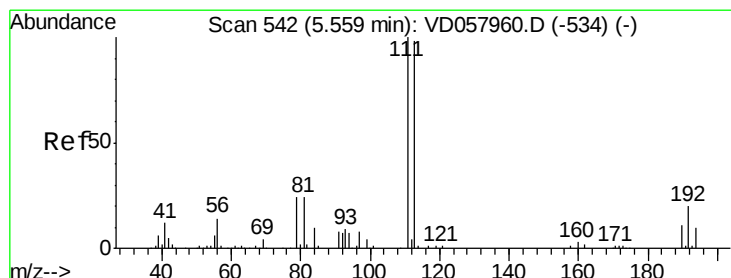
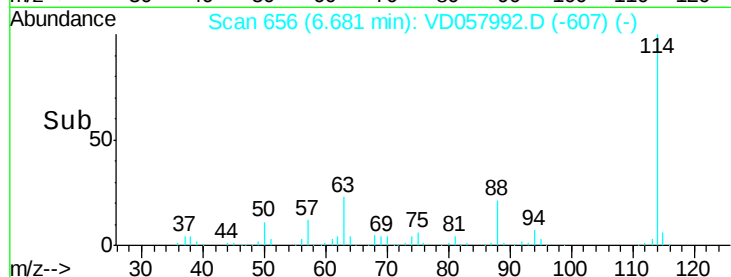
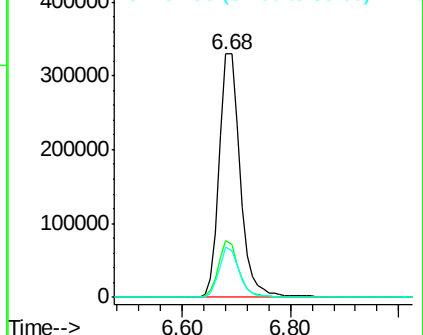
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057992.D
 Acq: 8 Jun 2018 2:40

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-3-4

Tot Ion:114 Resp: 883839
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 42.8
 88 20.6 0.0 37.8

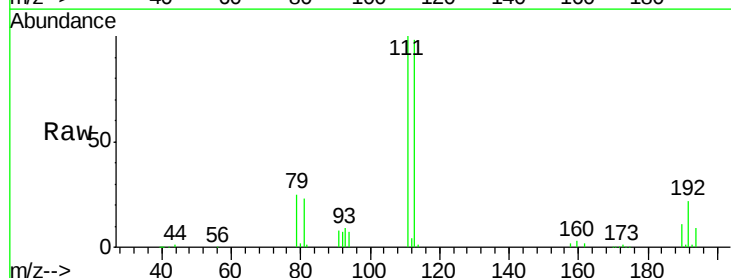


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

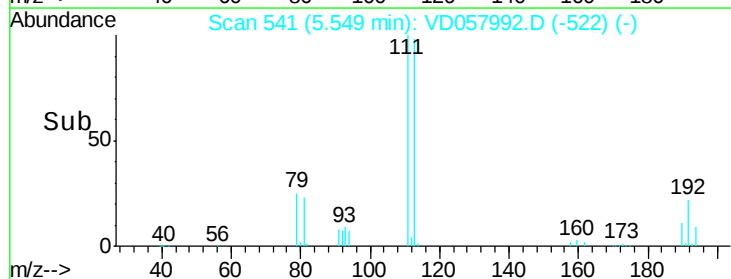
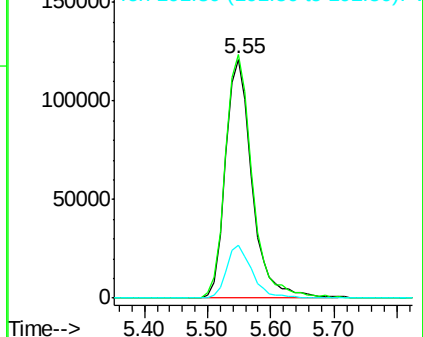


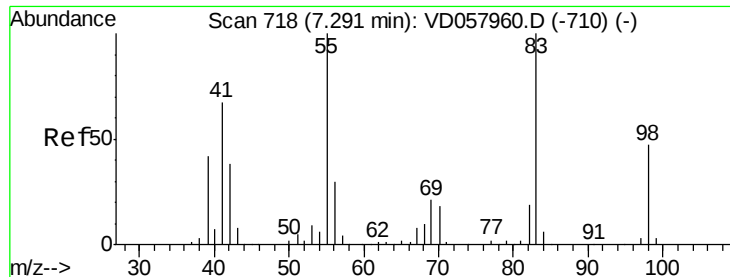
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD057992.D
 Acq: 8 Jun 2018 2:40

Tgt Ion:113 Resp: 352497
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 21.9 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

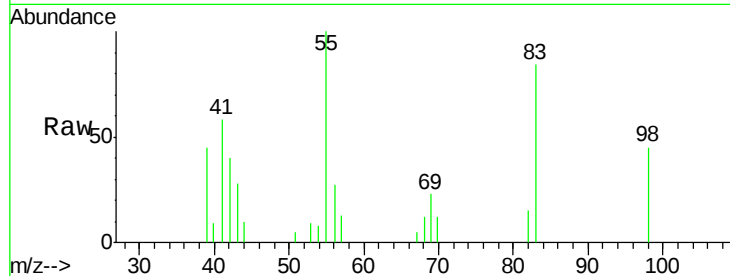




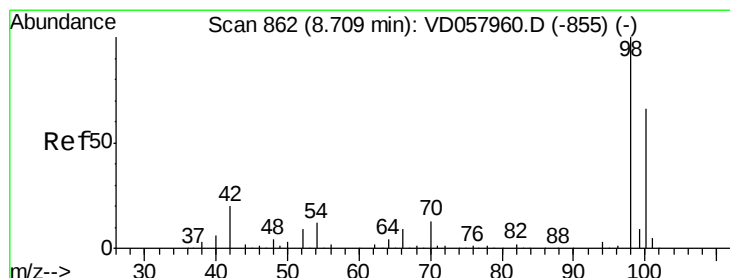
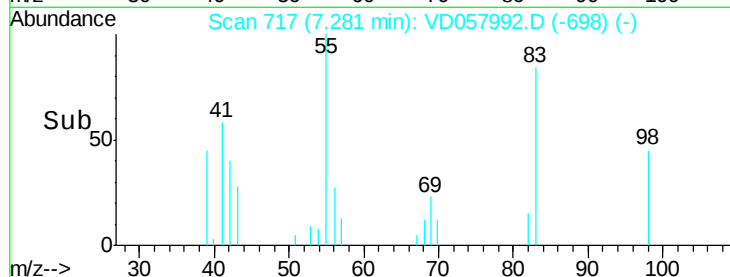
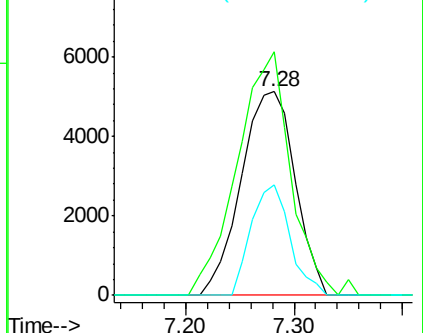
#39
Methvlcvclohexane
Concen: 1.843 ug/l
RT: 7.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tot Ion: 83 Resp: 17794
Ion Ratio Lower Upper
83 100
55 119.6 80.3 120.5
98 54.0 38.0 57.0

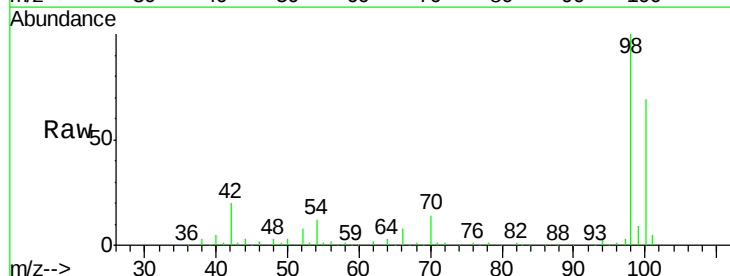


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

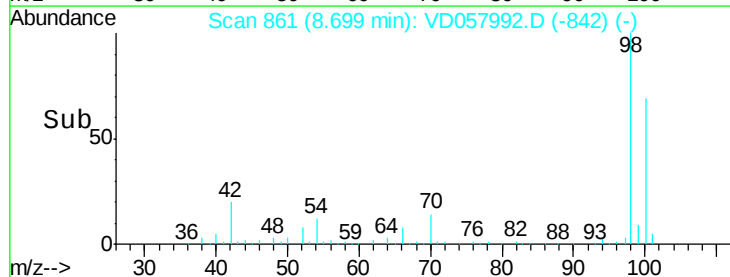
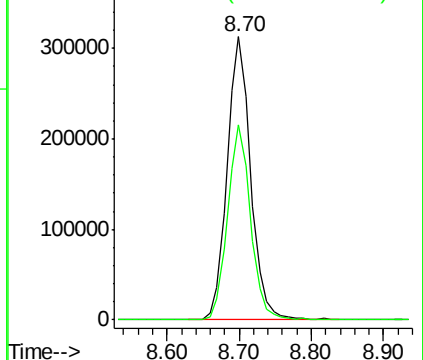


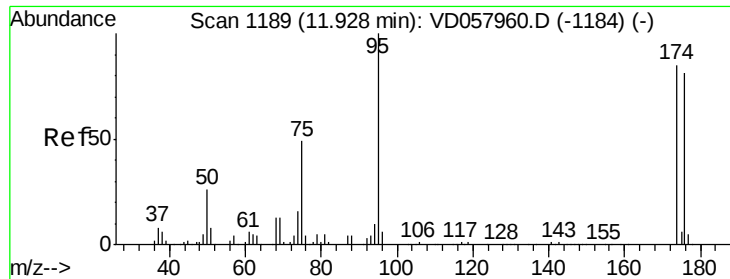
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 98 Resp: 709423
Ion Ratio Lower Upper
98 100
100 69.0 53.4 80.0



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: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD057992.D

Acq: 8 Jun 2018 2:40

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-3-4

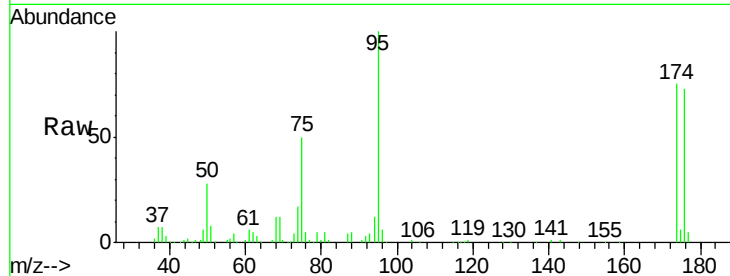
Tot Ion: 95 Resp: 259433

Ion Ratio Lower Upper

95 100

174 75.2 0.0 169.4

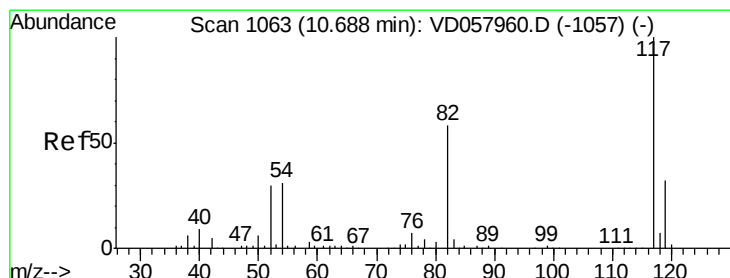
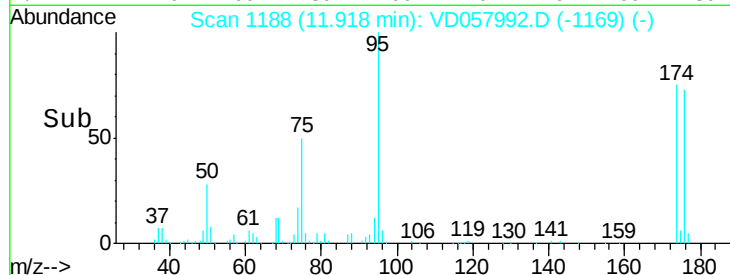
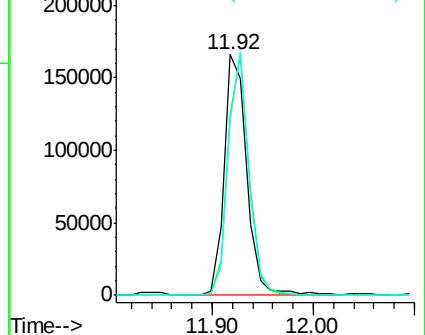
176 72.9 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD057992.D

Acq: 8 Jun 2018 2:40

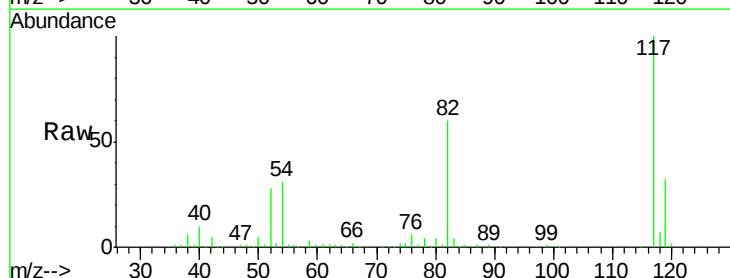
Tgt Ion: 117 Resp: 586489

Ion Ratio Lower Upper

117 100

82 59.9 46.8 70.2

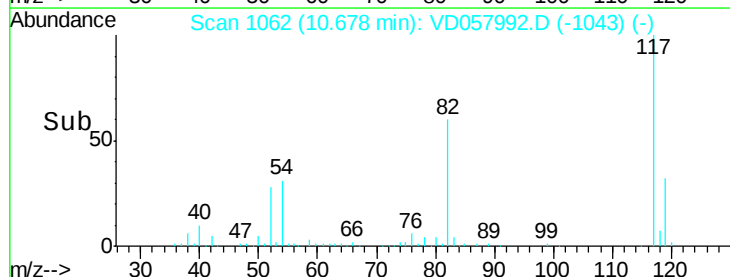
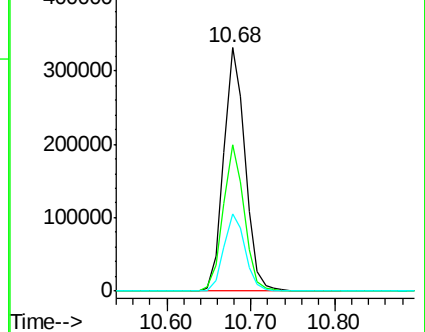
119 31.8 25.8 38.6

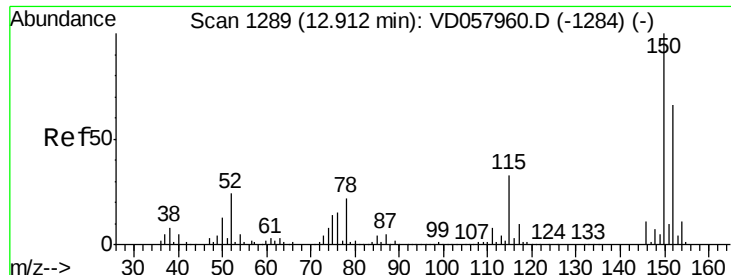


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD057992.D

Acq: 8 Jun 2018 2:40

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-3-4

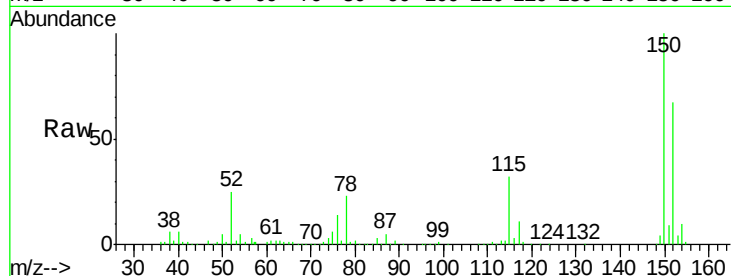
Tot Ion:152 Resp: 231735

Ion Ratio Lower Upper

152 100

115 48.5 25.6 76.6

150 150.2 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

