

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058165.D
 Acq On : 15 Jun 2018 21:21
 Operator : VA/AP
 Sample : J3500-02
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-55(0-5)

Quant Time: Jun 16 00:27:29 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

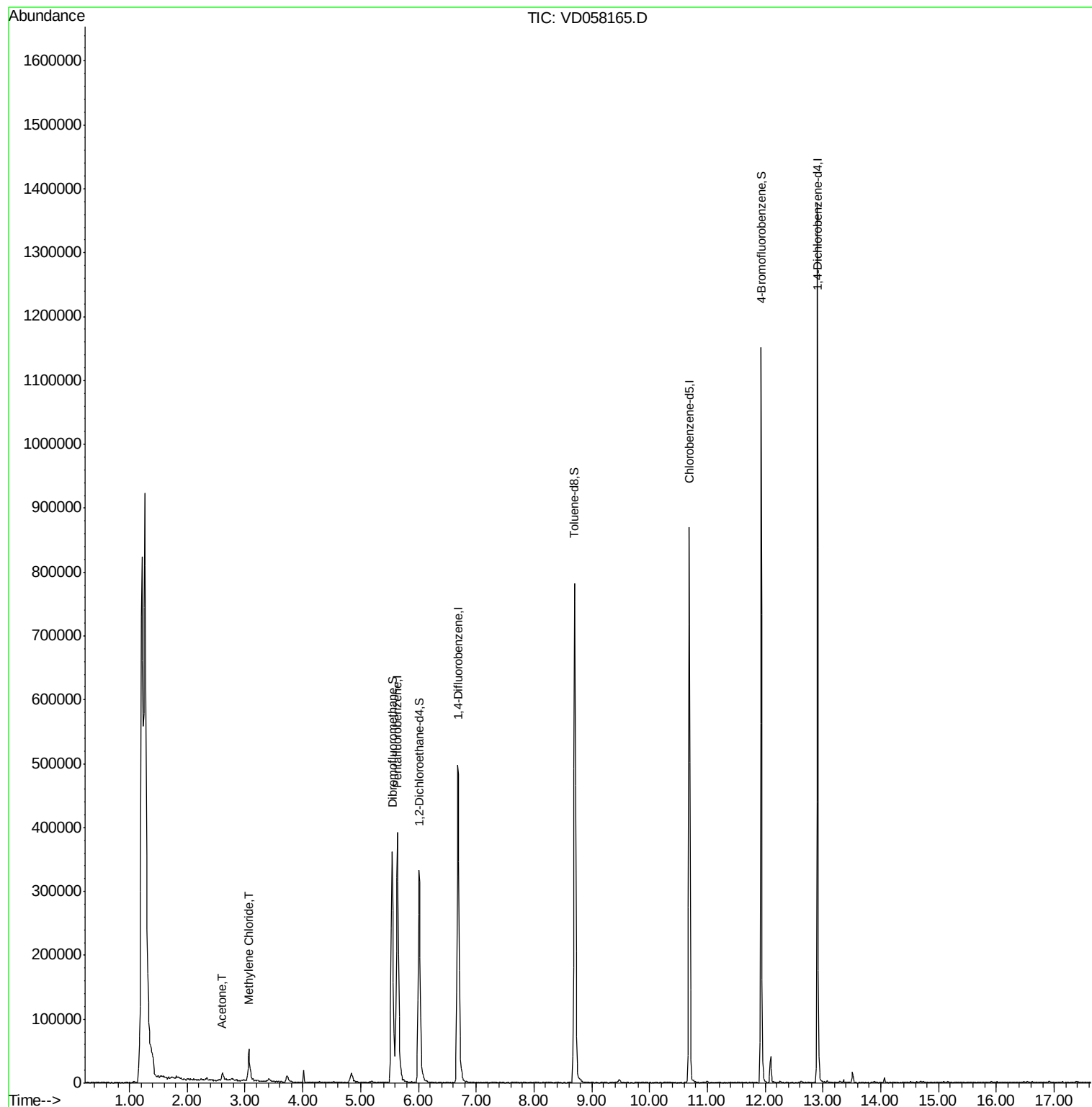
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	377989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	523720	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	474249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	276013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	338320	89.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	179.06%	
35) Dibromofluoromethane	5.54	113	296373	73.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.28%	
50) Toluene-d8	8.70	98	633817	65.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.58%	
62) 4-Bromofluorobenzene	11.93	95	299858	71.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.70%	
Target Compounds						
16) Acetone	2.61	43	26832	49.283	ug/l #	87
20) Methylene Chloride	3.07	84	21776	10.662	ug/l	94

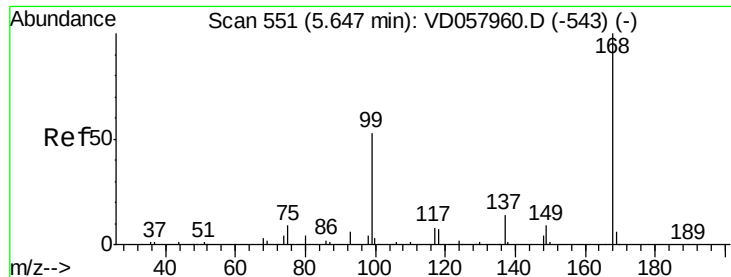
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

Instrument :

MSVOA_D

ClientSampleId :

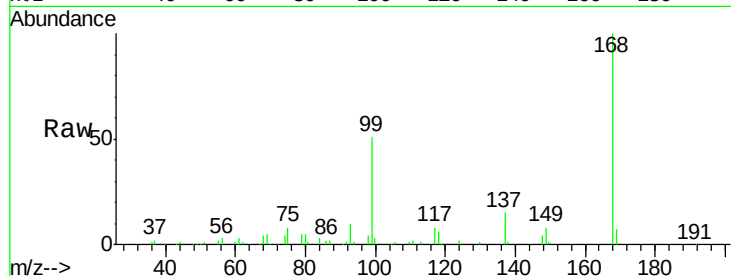
SB-55(0-5)

Tot Ion:168 Resp: 377989

Ion Ratio Lower Upper

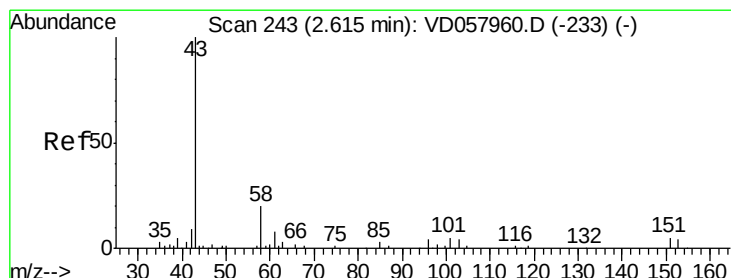
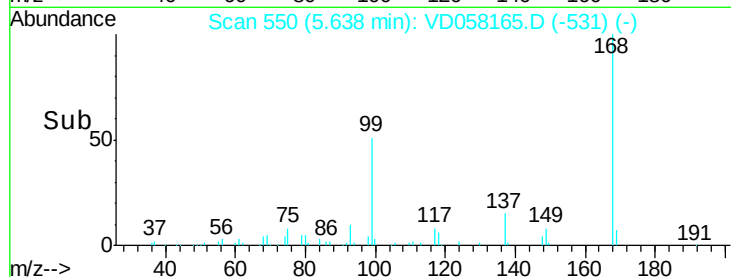
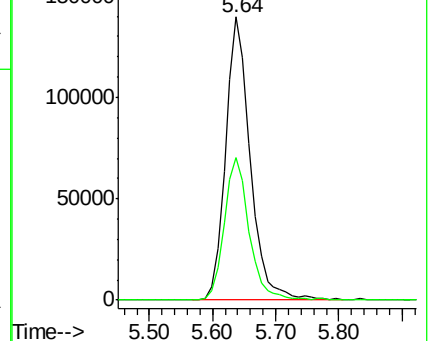
168 100

99 50.6 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: 49.283 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058165.D

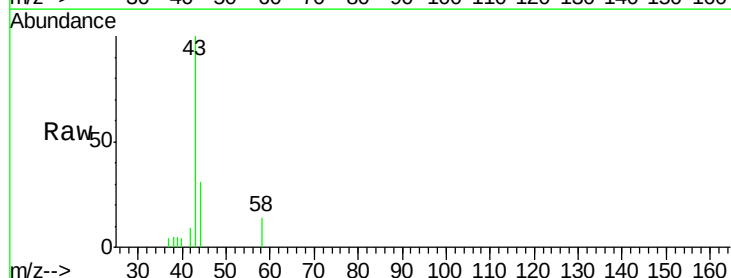
Acq: 15 Jun 2018 21:21

Tgt Ion: 43 Resp: 26832

Ion Ratio Lower Upper

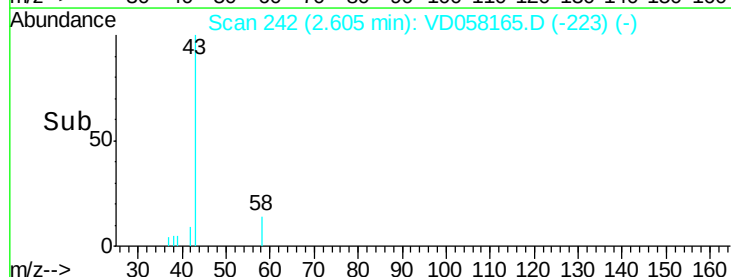
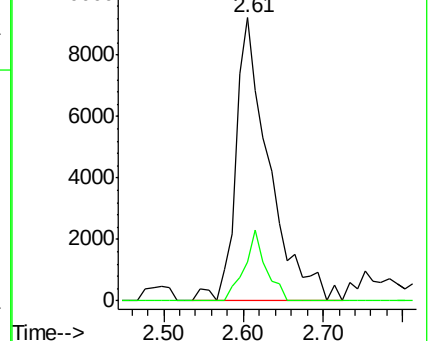
43 100

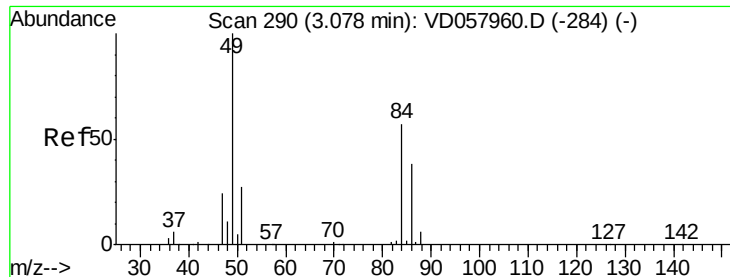
58 13.9 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

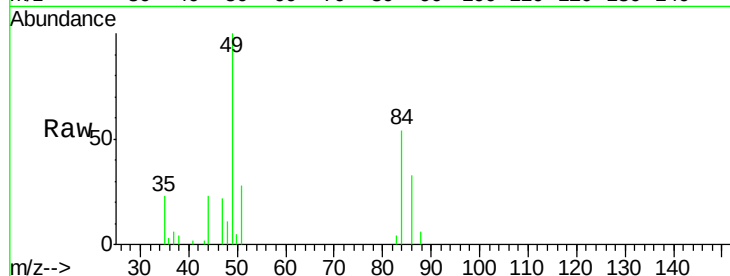




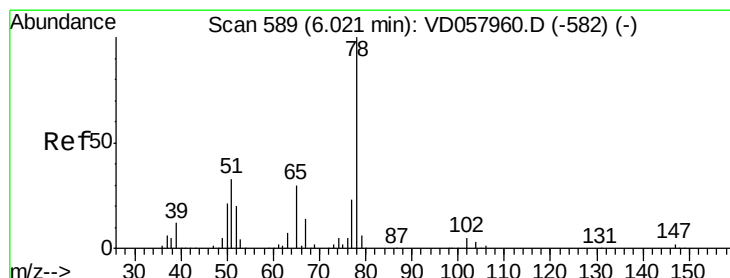
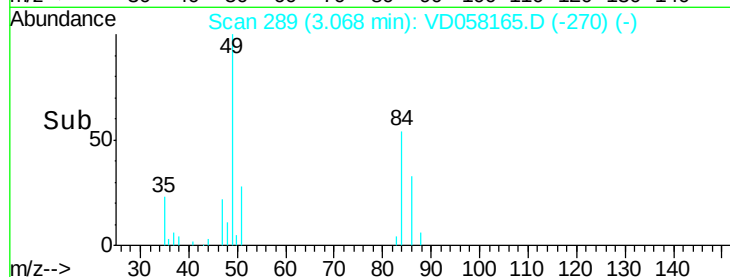
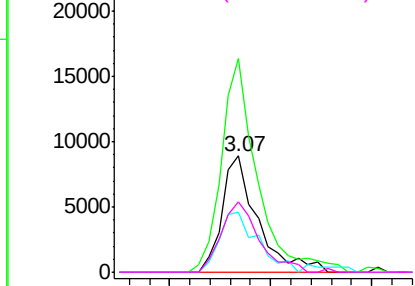
#20
Methylene Chloride
Concen: 10.662 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampleId :
SB-55(0-5)

Tot Ion:	84	Resp:	21776
Ion	Ratio	Lower	Upper
84	100		
49	184.1	141.4	212.0
51	52.1	38.3	57.5
86	60.9	52.9	79.3

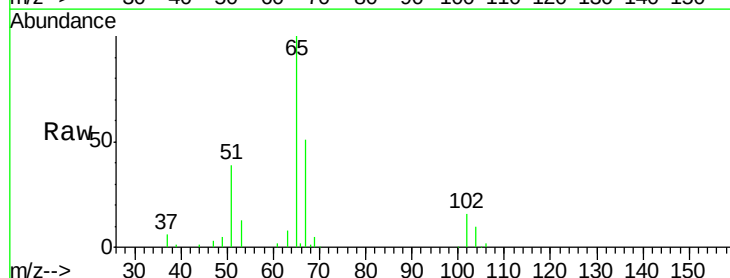


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

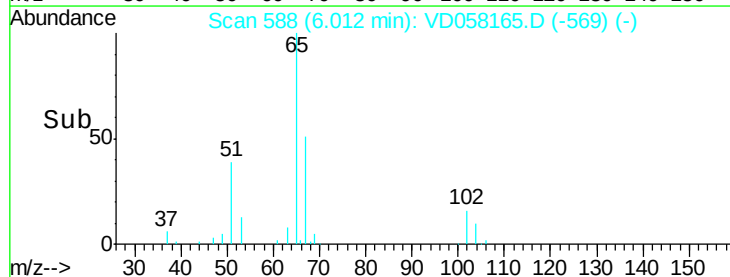
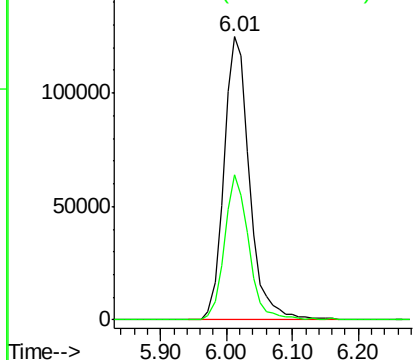


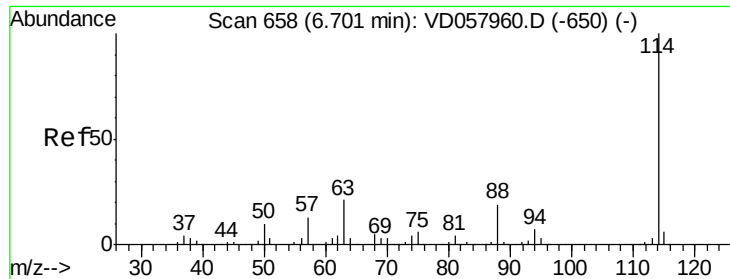
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion:	65	Resp:	338320
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

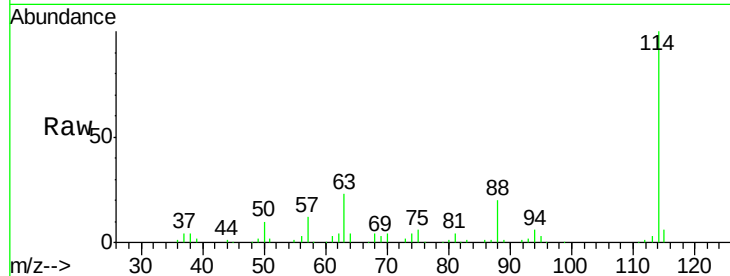




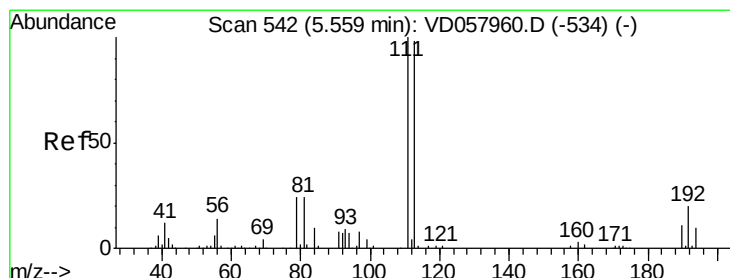
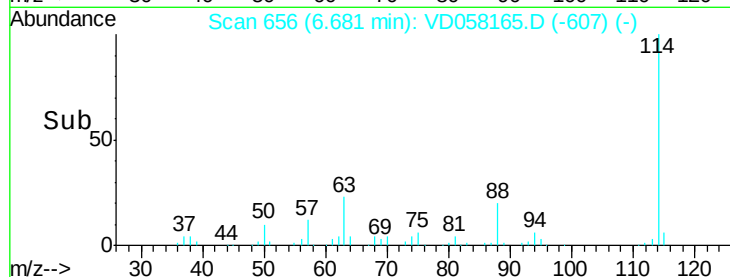
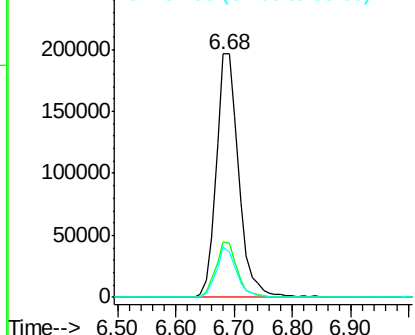
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058165.D
 Acq: 15 Jun 2018 21:21

Instrument :
 MSVOA_D
 ClientSampled :
 SB-55(0-5)

Tot Ion:114 Resp: 523720
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.8
 88 20.4 0.0 37.8

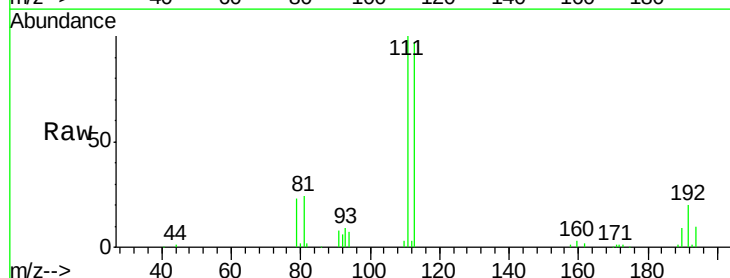


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

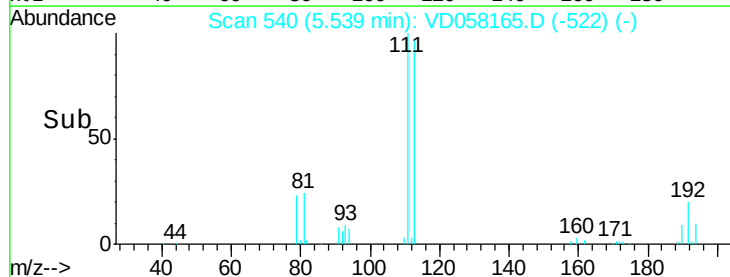
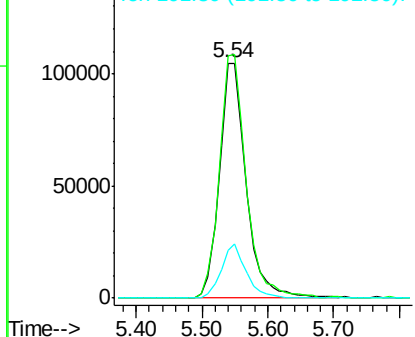


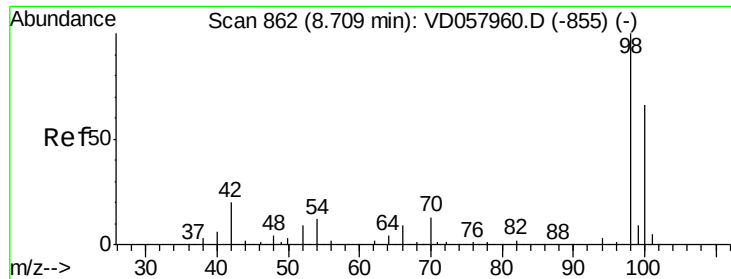
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058165.D
 Acq: 15 Jun 2018 21:21

Tgt Ion:113 Resp: 296373
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 20.2 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

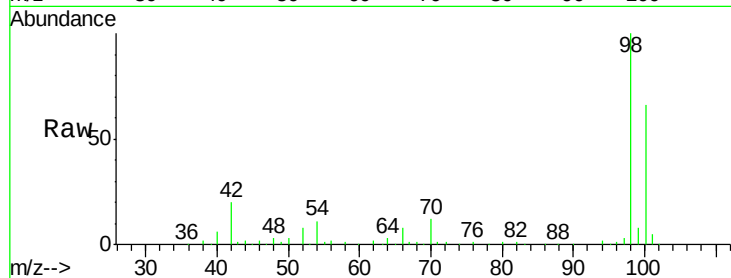




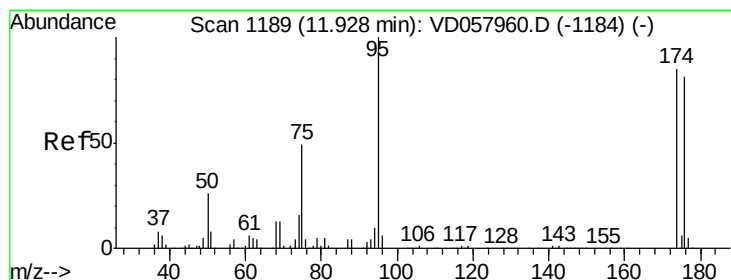
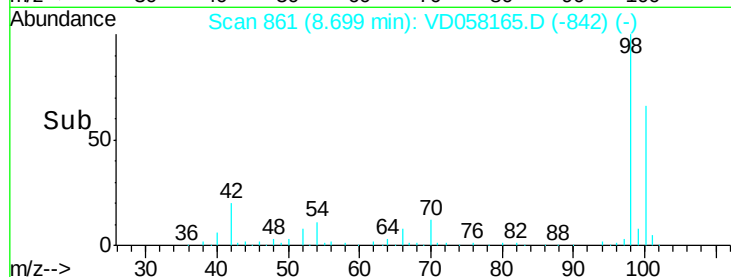
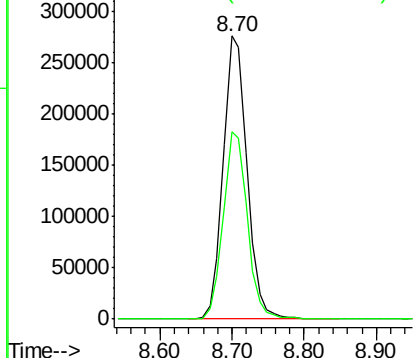
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampleId :
SB-55(0-5)

Tot Ion: 98 Resp: 633817
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

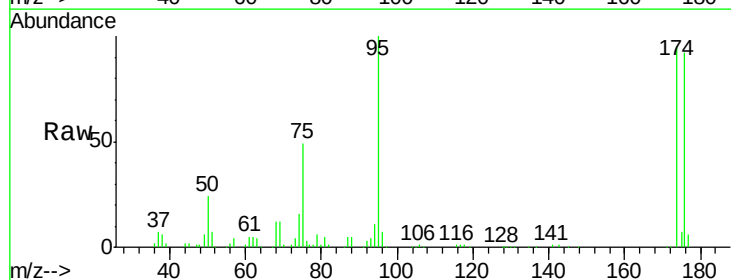


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

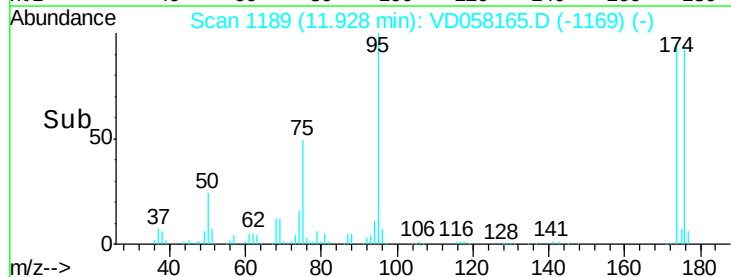
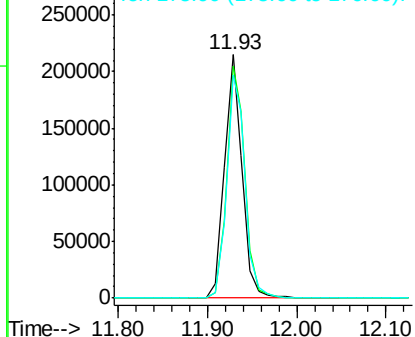


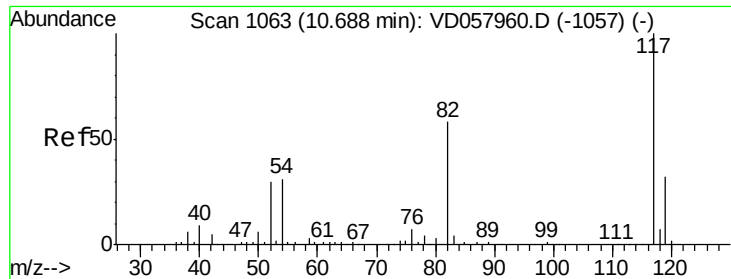
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion: 95 Resp: 299858
Ion Ratio Lower Upper
95 100
174 95.4 0.0 169.4
176 91.7 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) (-)

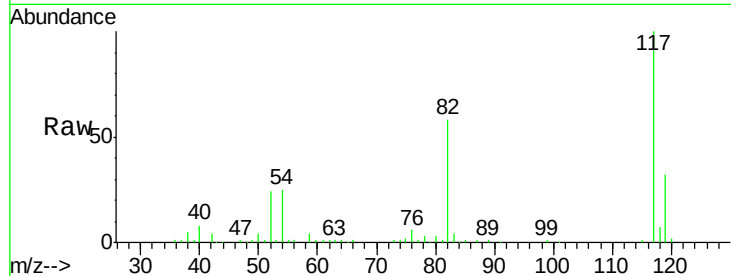




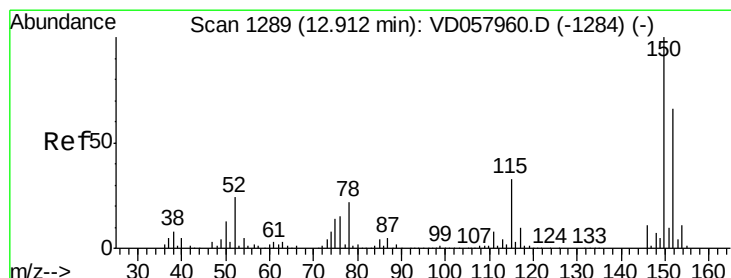
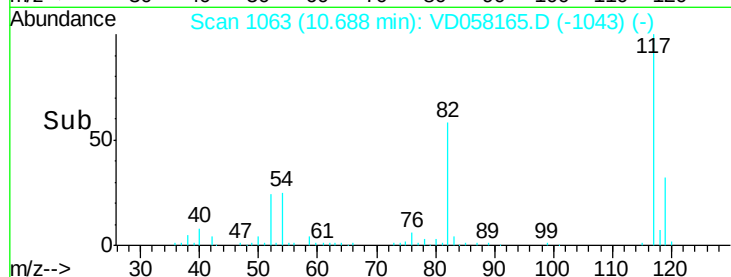
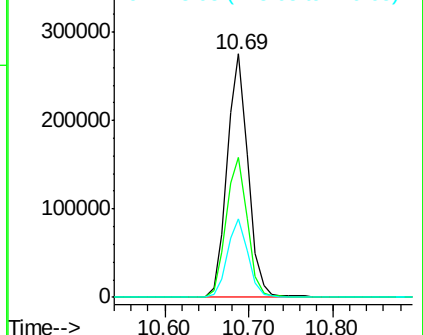
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampleId :
SB-55(0-5)

Tot Ion:117 Resp: 474249
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 32.4 25.8 38.6

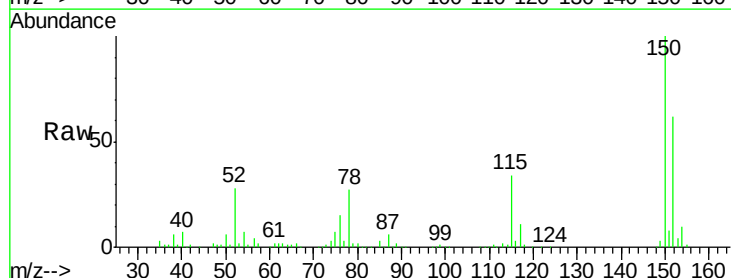


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion:152 Resp: 276013
Ion Ratio Lower Upper
152 100
115 55.2 25.6 76.6
150 161.8 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

