

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058163.D
 Acq On : 15 Jun 2018 20:25
 Operator : VA/AP
 Sample : J3493-01
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jun 16 00:20:03 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

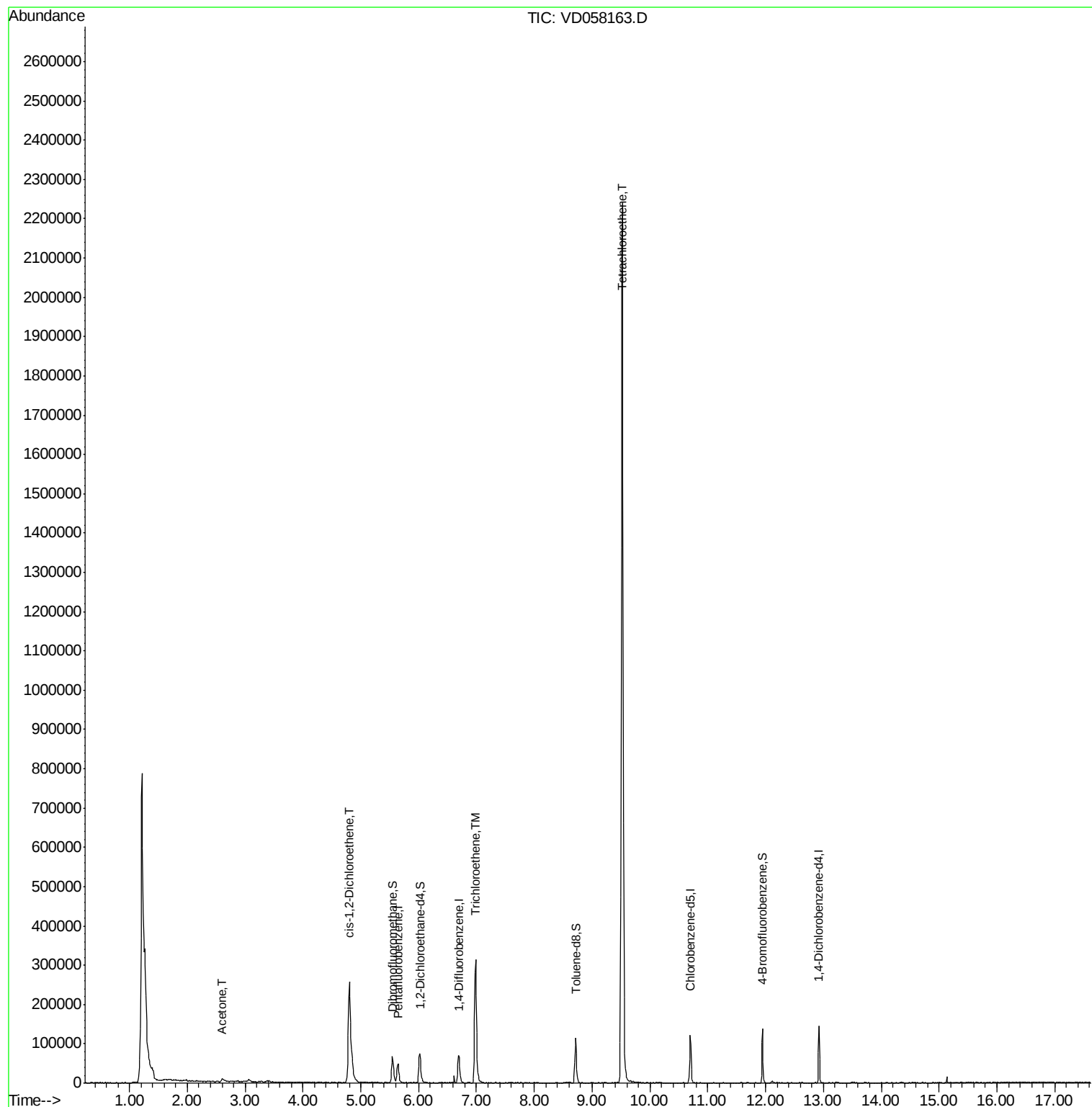
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	47584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	72406	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.70	117	63481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	28041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	71903	151.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	302.30%	
35) Dibromofluoromethane	5.55	113	49670	88.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	177.32%	
50) Toluene-d8	8.72	98	85759	64.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.78%	
62) 4-Bromofluorobenzene	11.95	95	37907	65.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	130.48%	
Target Compounds						
16) Acetone	2.60	43	16203	236.407	ug/l	92
27) cis-1,2-Dichloroethene	4.80	96	149048	295.647	ug/l	86
44) Trichloroethene	6.99	130	125061	229.753	ug/l	100
64) Tetrachloroethene	9.53	164	702964	1238.658	ug/l	97

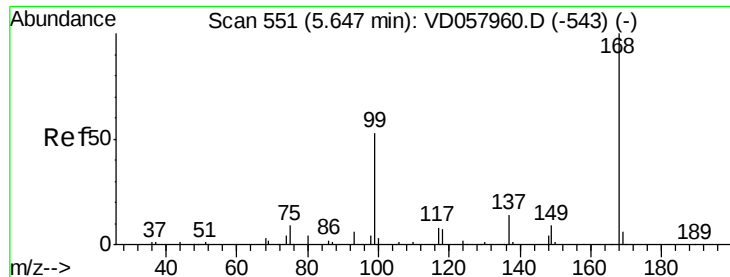
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061518\
Data File : VD058163.D
Acq On : 15 Jun 2018 20:25
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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: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

Instrument :

MSVOA_D

ClientSampleId :

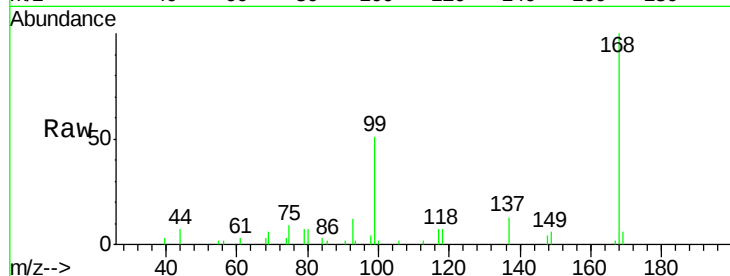
WC-1

Tot Ion:168 Resp: 47584

Ion Ratio Lower Upper

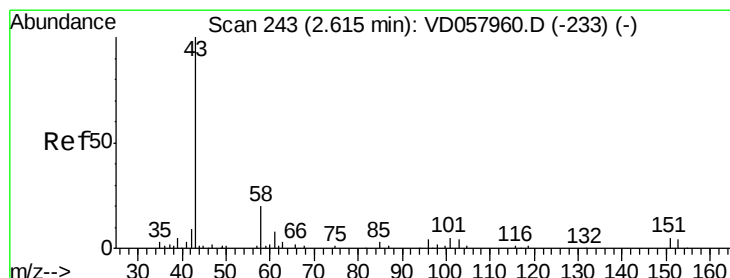
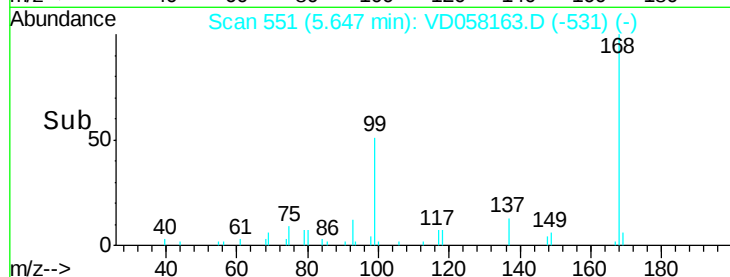
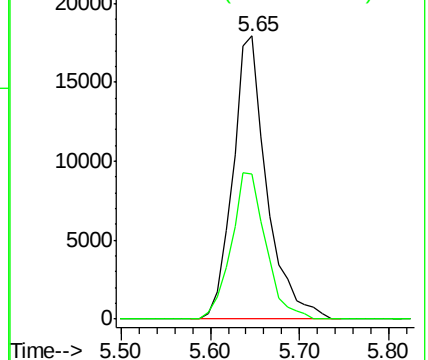
168 100

99 51.3 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: 236.407 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058163.D

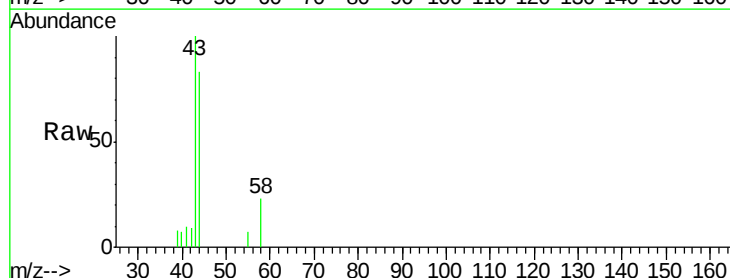
Acq: 15 Jun 2018 20:25

Tgt Ion: 43 Resp: 16203

Ion Ratio Lower Upper

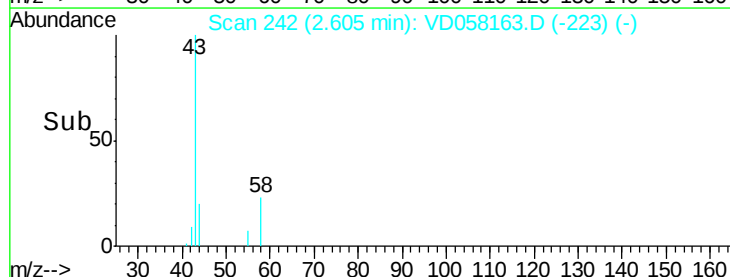
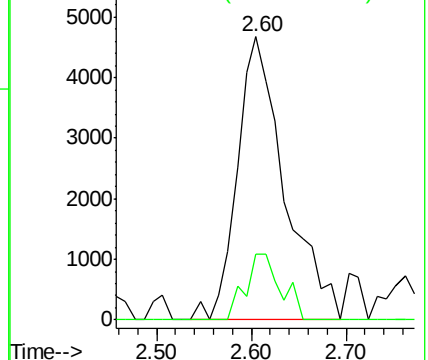
43 100

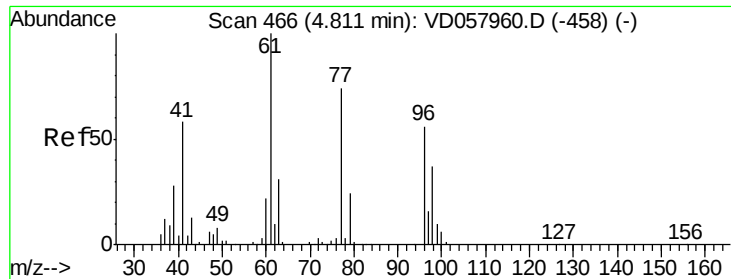
58 23.4 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



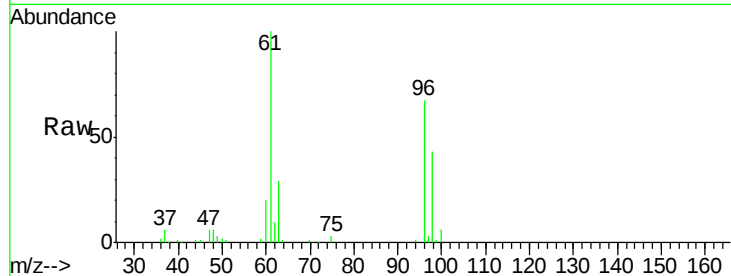


#27

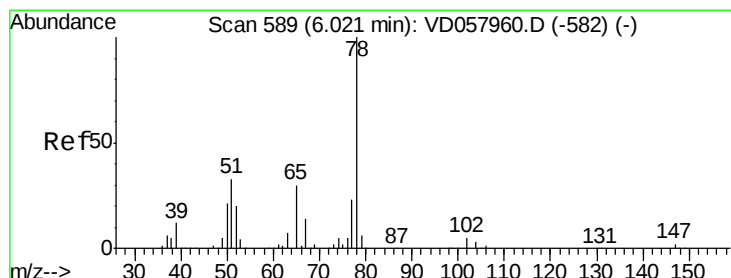
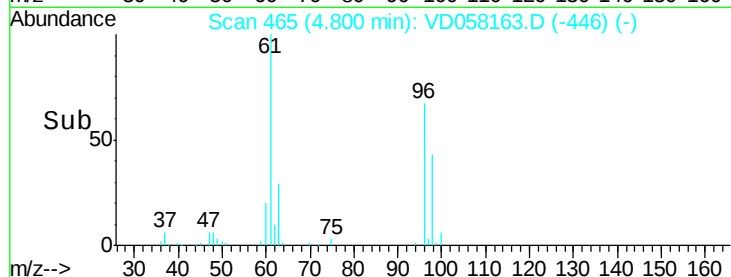
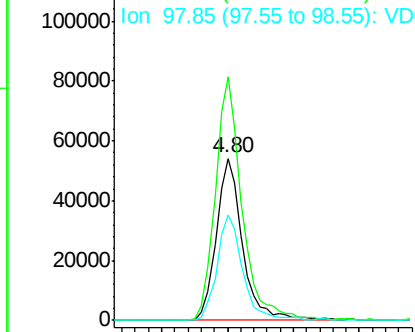
cis-1,2-Dichloroethene
 Concen: 295.647 ug/l
 RT: 4.80 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VD058163.D
 Acq: 15 Jun 2018 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Tot Ion	96	Resp	149048
Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	355.0
98	65.0	0.0	129.6



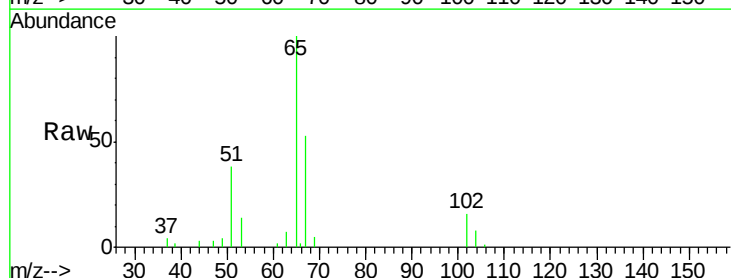
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



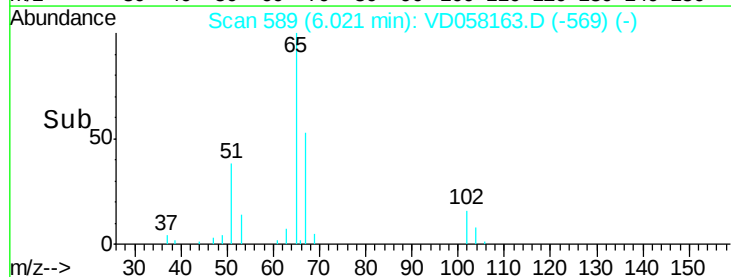
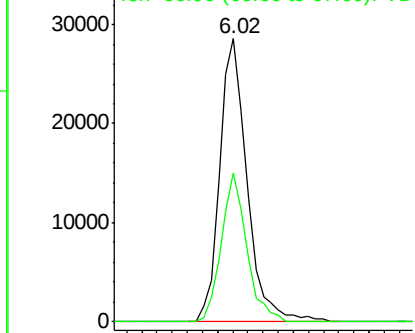
#33

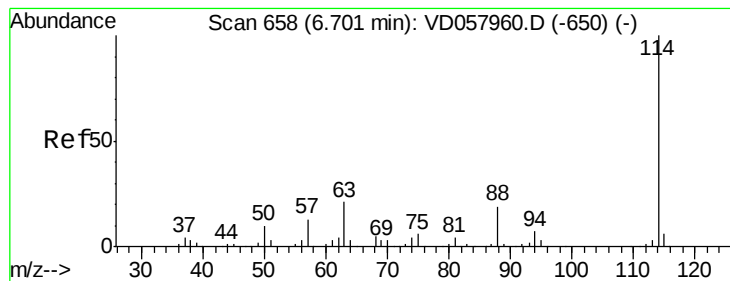
1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058163.D
 Acq: 15 Jun 2018 20:25

Tgt Ion	65	Resp	71903
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VD058163.D

Acq: 15 Jun 2018 20:25

Instrument :

MSVOA_D

ClientSampleId :

WC-1

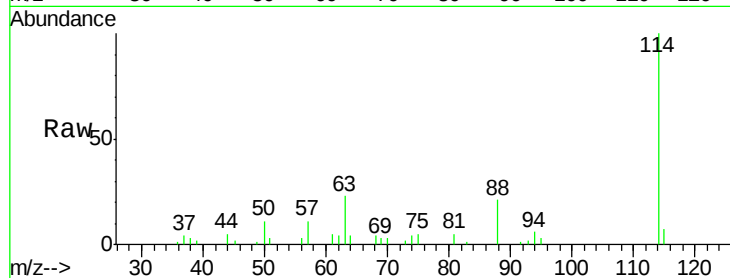
Tot Ion:114 Resp: 72406

Ion Ratio Lower Upper

114 100

63 23.3 0.0 42.8

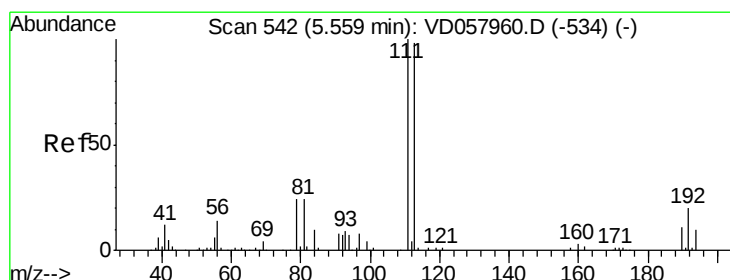
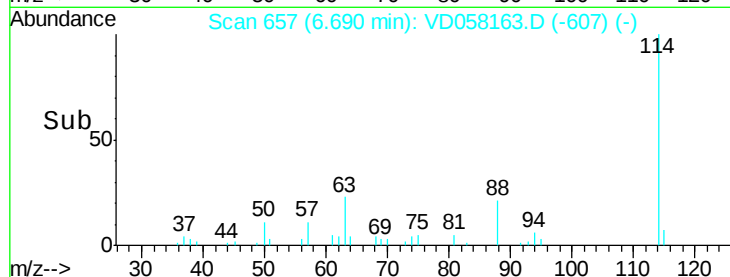
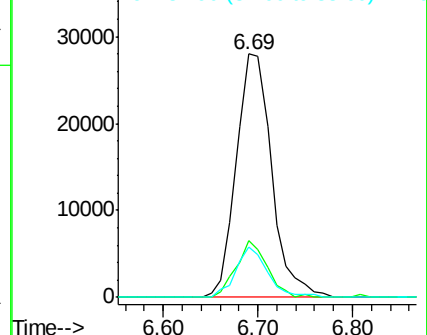
88 20.6 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

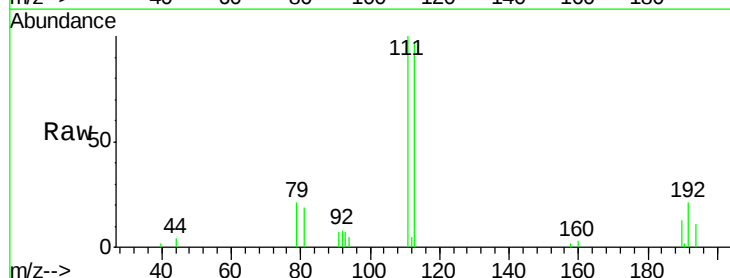
Tgt Ion:113 Resp: 49670

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

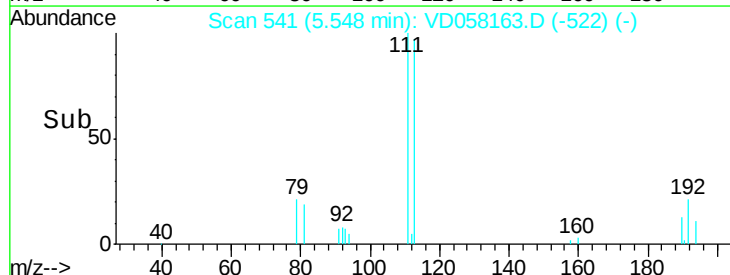
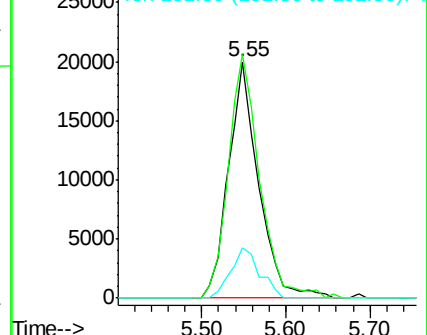
192 21.3 16.4 24.6

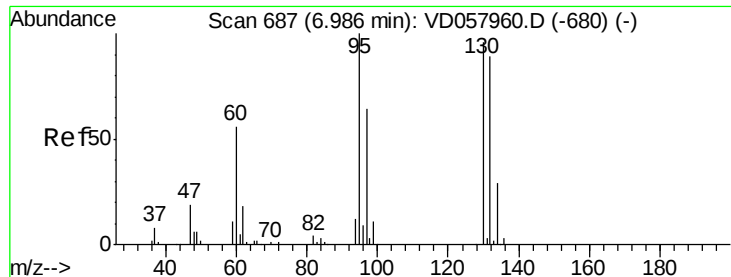


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 229.753 ug/l

RT: 6.99 min Scan# 687

Delta R.T. -0.00 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

Instrument :

MSVOA_D

ClientSampleId :

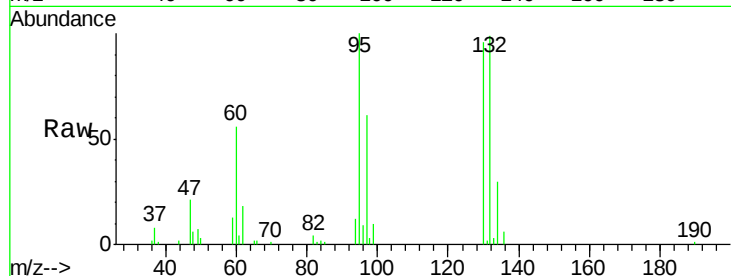
WC-1

Tot Ion:130 Resp: 125061

Ion Ratio Lower Upper

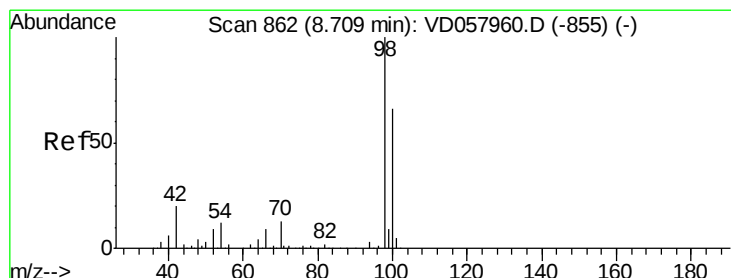
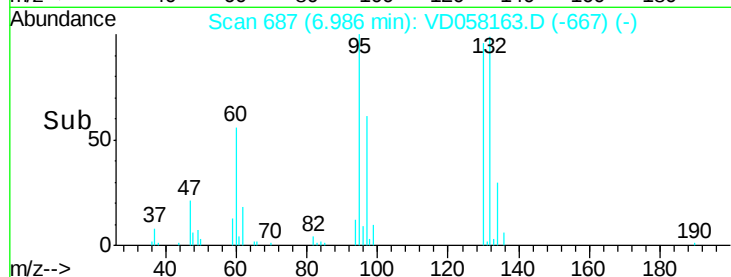
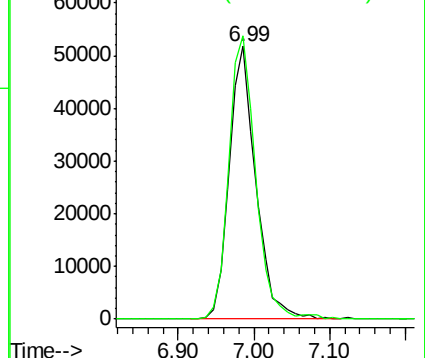
130 100

95 103.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058163.D

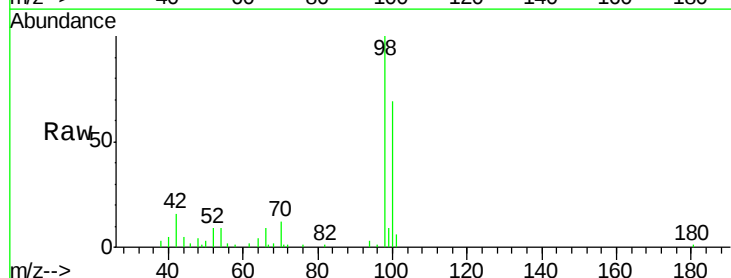
Acq: 15 Jun 2018 20:25

Tgt Ion: 98 Resp: 85759

Ion Ratio Lower Upper

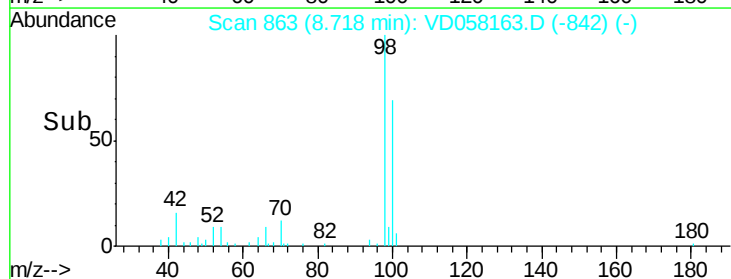
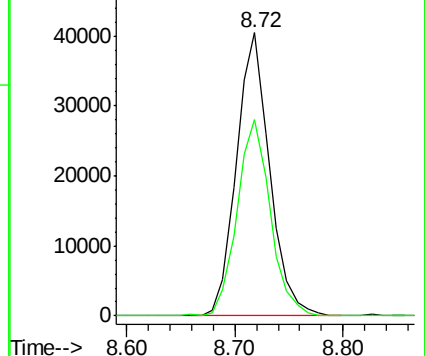
98 100

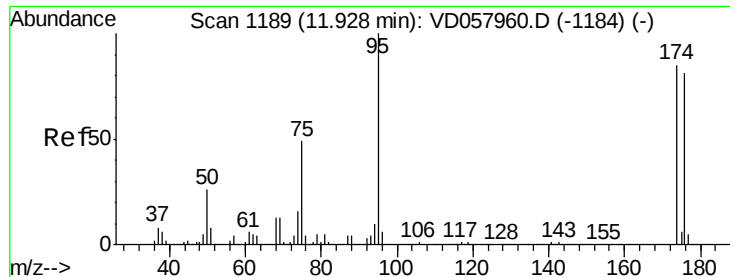
100 69.4 53.4 80.0



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: 11.95 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

Instrument :

MSVOA_D

ClientSampleId :

WC-1

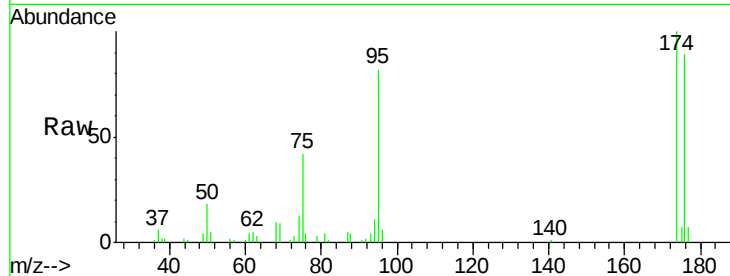
Tot Ion: 95 Resp: 37907

Ion Ratio Lower Upper

95 100

174 122.3 0.0 169.4

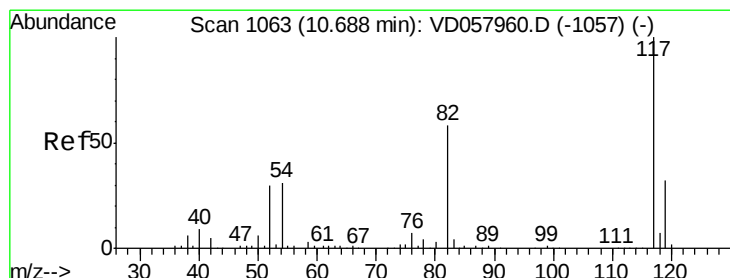
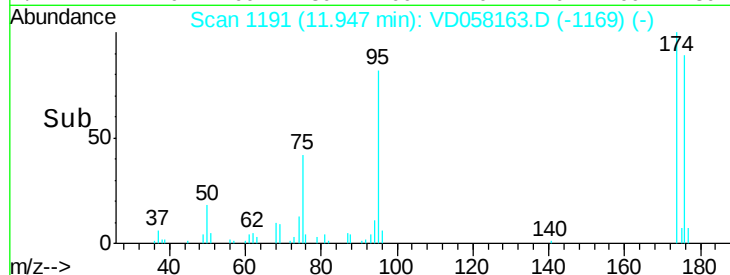
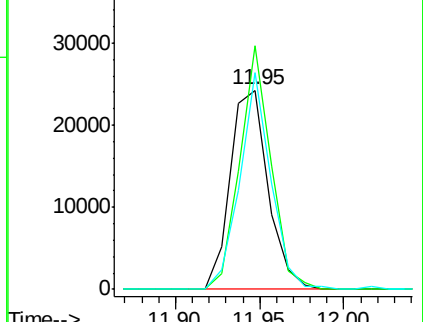
176 108.8 0.0 162.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

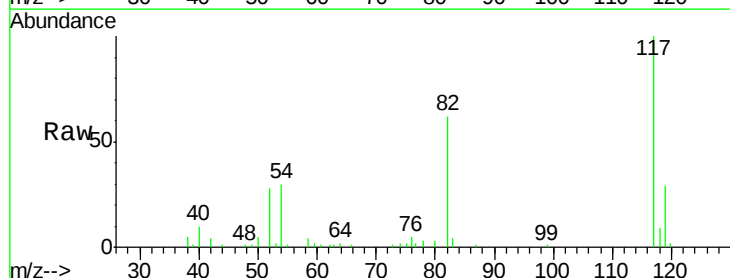
Tgt Ion: 117 Resp: 63481

Ion Ratio Lower Upper

117 100

82 62.2 46.8 70.2

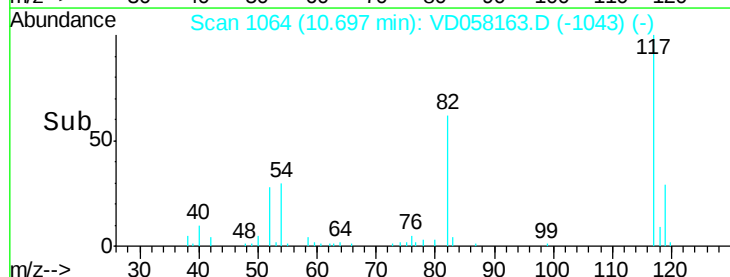
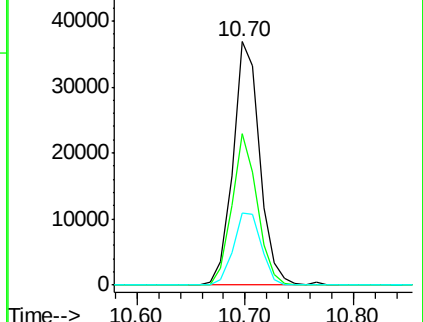
119 29.4 25.8 38.6

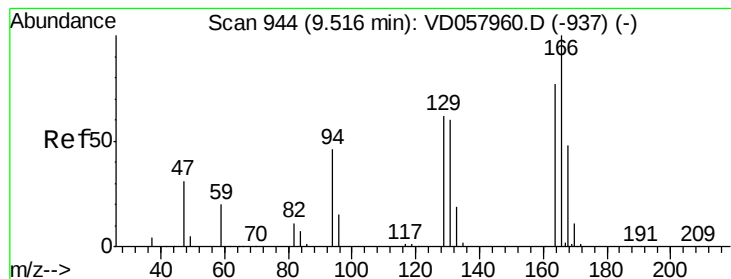


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 1238.658 ug/l

RT: 9.53 min Scan# 945

Delta R.T. 0.01 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

Instrument :

MSVOA_D

ClientSampled :

WC-1

Tot Ion:164 Resp: 702964

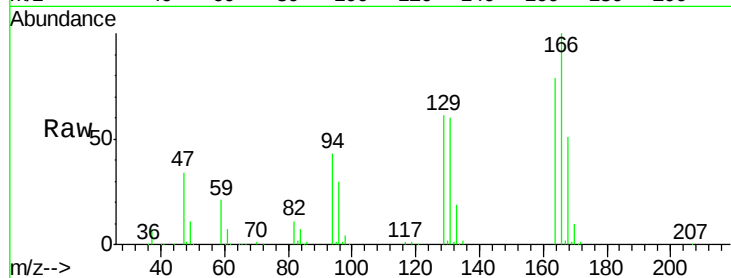
Ion Ratio Lower Upper

164 100

166 126.9 104.4 156.6

129 77.7 65.0 97.6

131 76.7 62.9 94.3

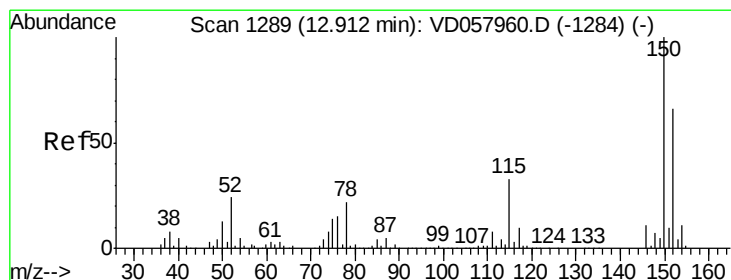
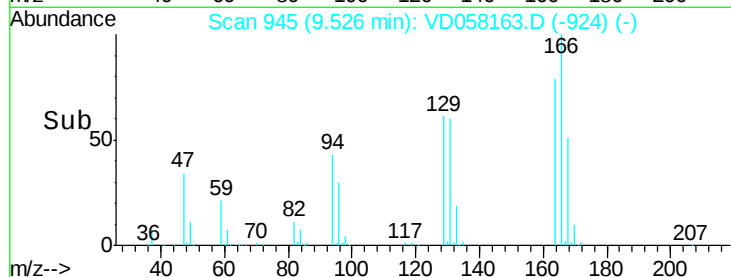
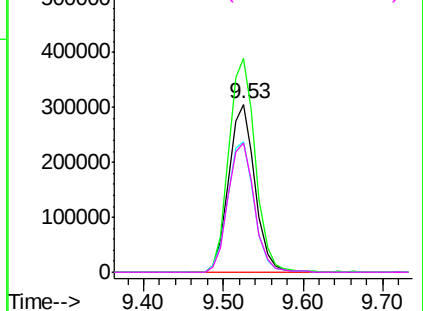


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.92 min Scan# 1290

Delta R.T. 0.01 min

Lab File: VD058163.D

Acq: 15 Jun 2018 20:25

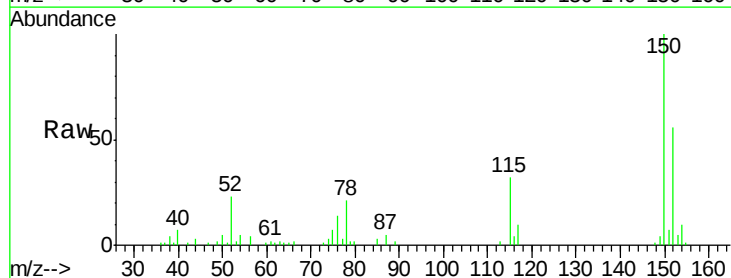
Tgt Ion:152 Resp: 28041

Ion Ratio Lower Upper

152 100

115 58.1 25.6 76.6

150 179.0 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

