

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058260.D
 Acq On : 21 Jun 2018 18:53
 Operator : VA/AP
 Sample : J3617-02
 Misc : 6.89g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDW-SO1-SRI3

Quant Time: Jun 22 07:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

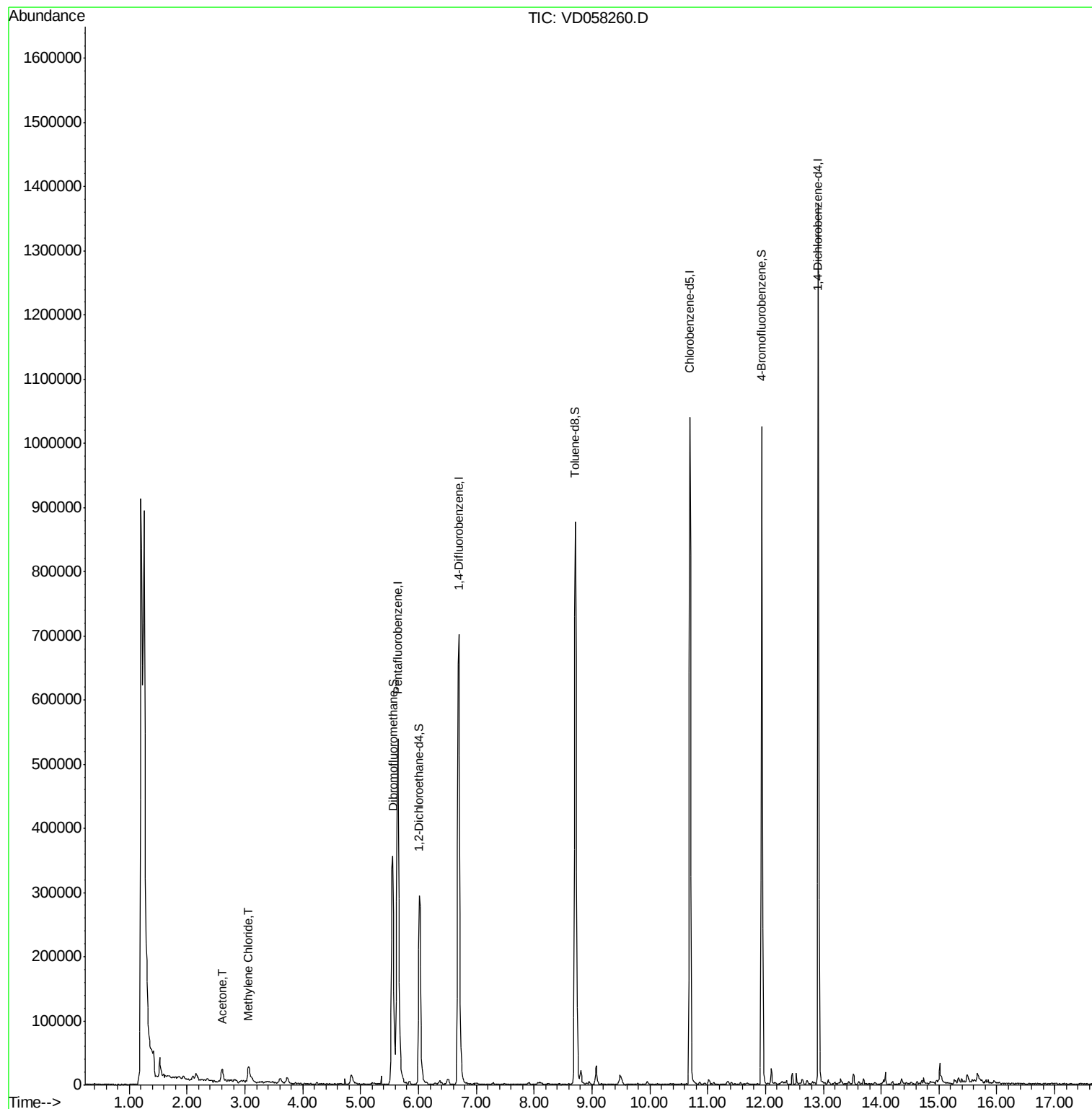
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	542233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	713711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	561838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	316755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	287186	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	5.55	113	280986	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	674404	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.93	95	281532	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
16) Acetone	2.61	43	43837	58.53	ug/l	# 85
20) Methylene Chloride	3.06	84	13667	2.46	ug/l	92

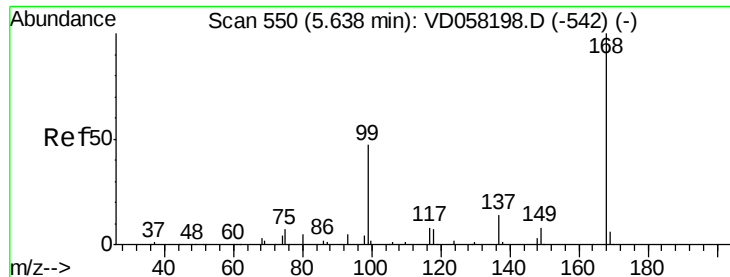
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

Instrument :

MSVOA_D

ClientSampleId :

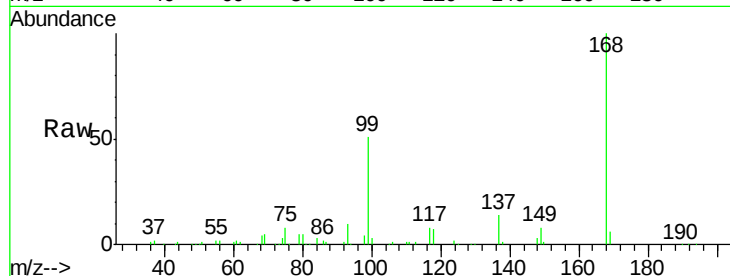
IDW-SO1-SRI3

Tot Ion:168 Resp: 542233

Ion Ratio Lower Upper

168 100

99 50.8 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

200000

150000

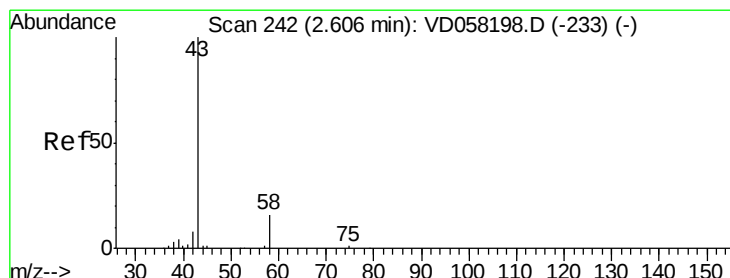
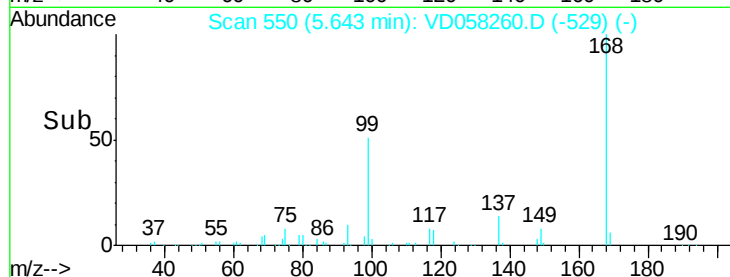
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 58.53 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD058260.D

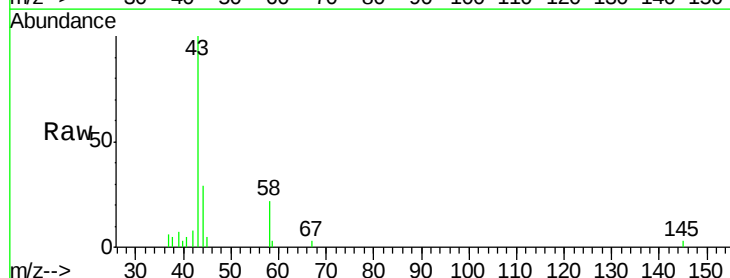
Acq: 21 Jun 2018 18:53

Tgt Ion: 43 Resp: 43837

Ion Ratio Lower Upper

43 100

58 22.3 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

15000

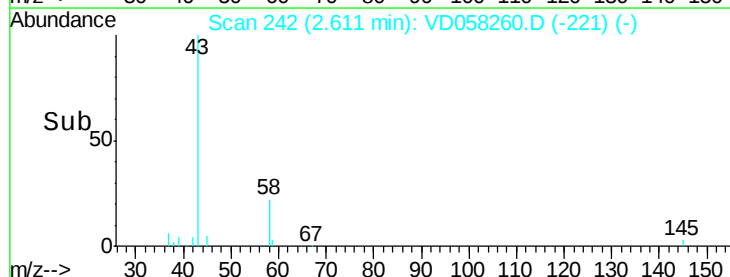
10000

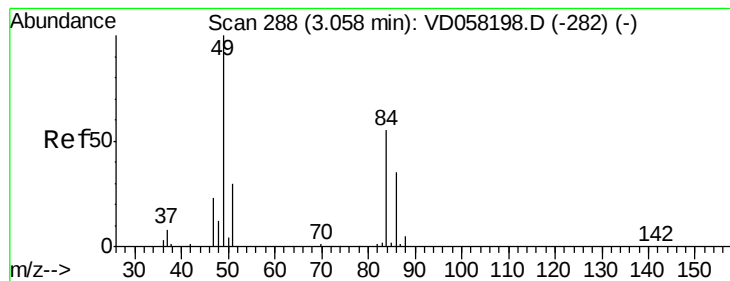
5000

0

2.40 2.50 2.60 2.70 2.80

Time-->





#20

Methylene Chloride

Concen: 2.46 ug/l

RT: 3.06 min Scan# 288

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

Instrument :

MSVOA_D

ClientSampleId :

IDW-SO1-SRI3

Tot Ion: 84 Resp: 13667

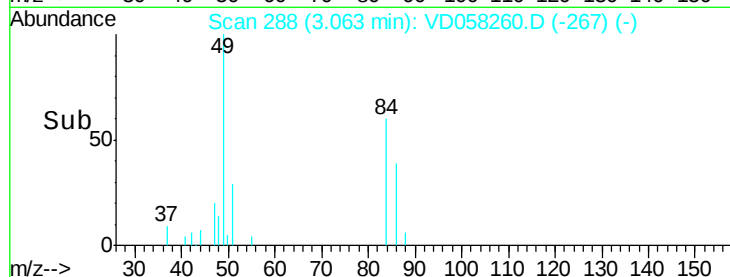
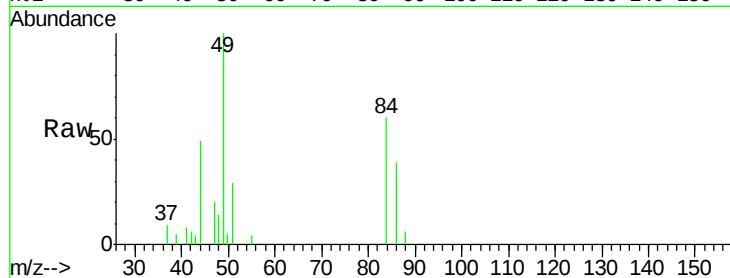
Ion Ratio Lower Upper

84 100

49 165.7 145.0 217.6

51 48.5 42.9 64.3

86 64.3 50.1 75.1

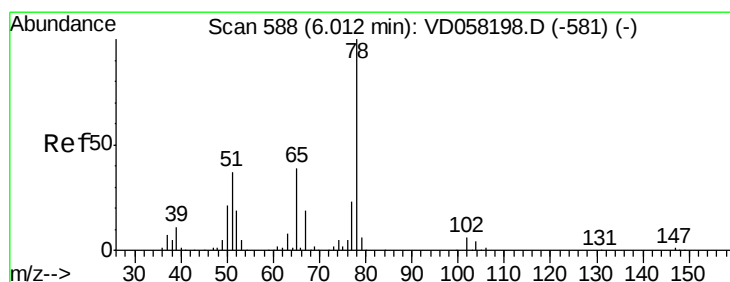
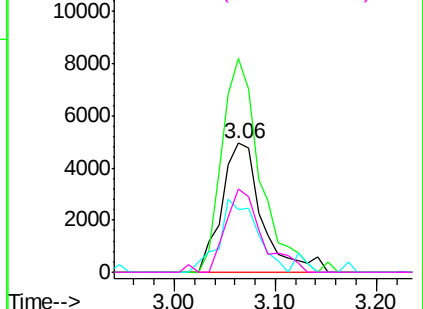


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD058260.D

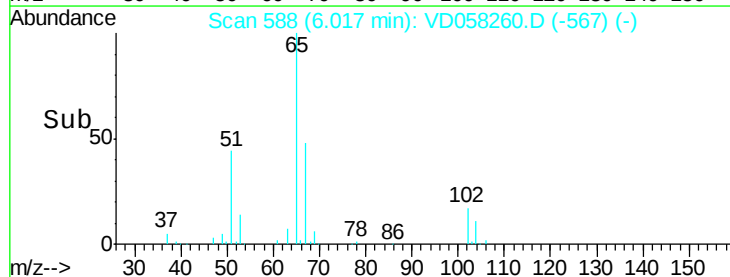
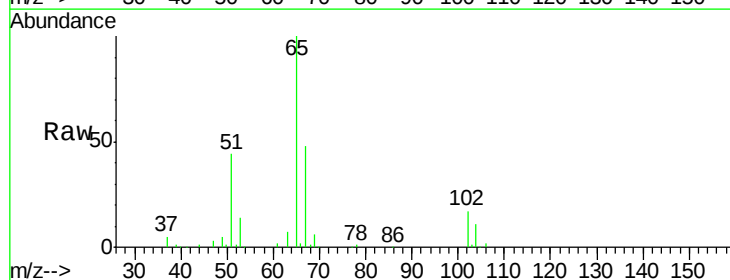
Acq: 21 Jun 2018 18:53

Tgt Ion: 65 Resp: 287186

Ion Ratio Lower Upper

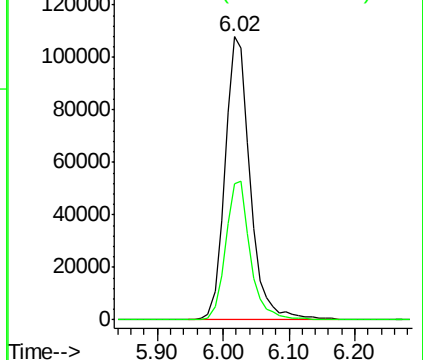
65 100

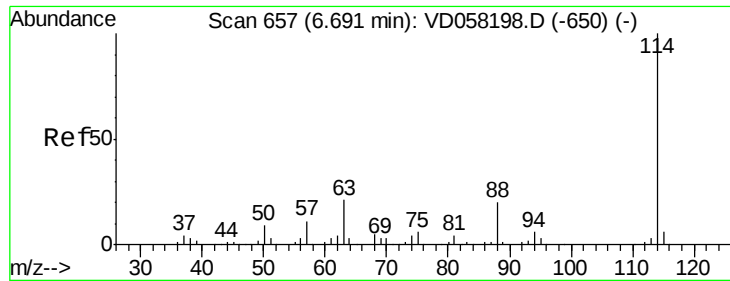
67 48.1 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

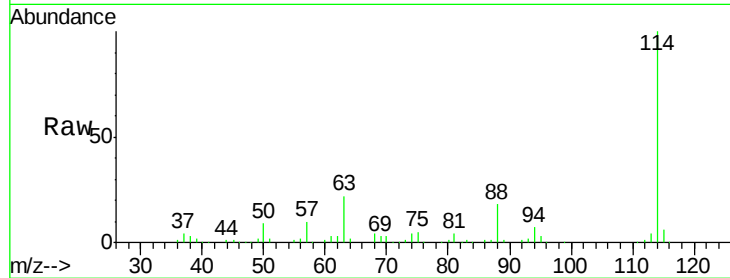




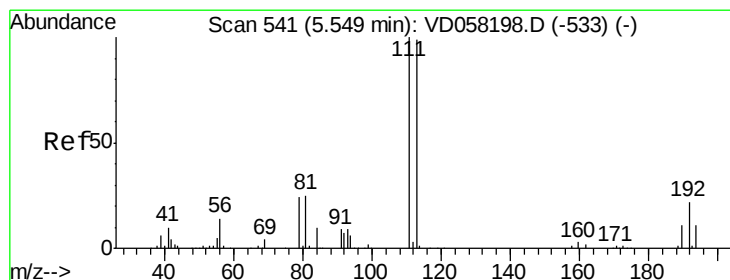
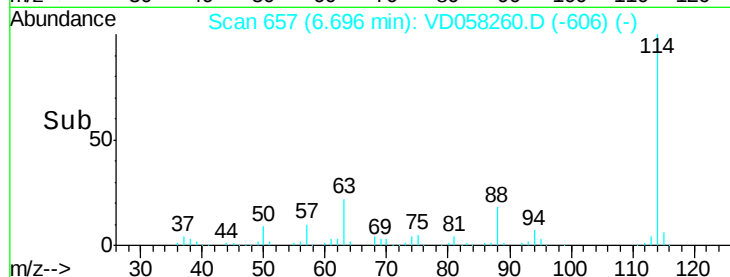
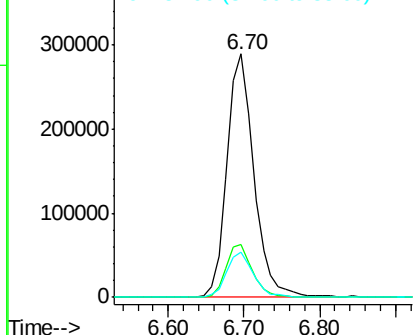
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD058260.D
 Acq: 21 Jun 2018 18:53

Instrument :
 MSVOA_D
 ClientSampleId :
 IDW-SO1-SRI3

Tot Ion:114 Resp: 713711
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 18.4 0.0 40.6

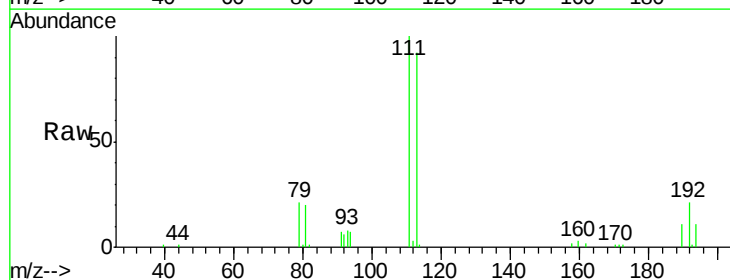


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

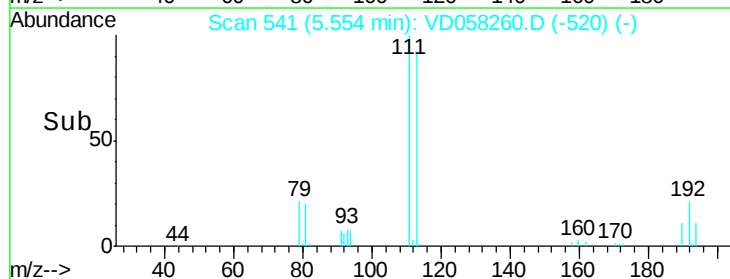
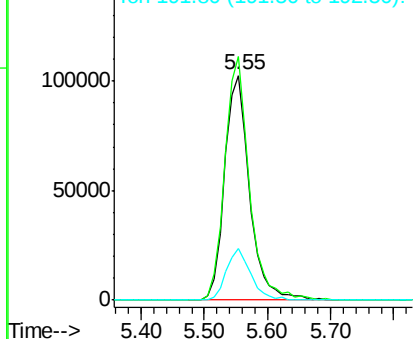


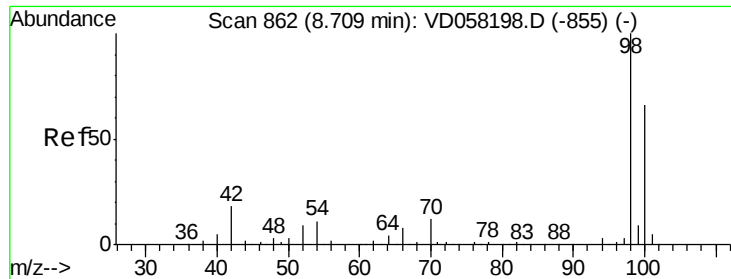
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD058260.D
 Acq: 21 Jun 2018 18:53

Tgt Ion:113 Resp: 280986
 Ion Ratio Lower Upper
 113 100
 111 108.5 80.6 121.0
 192 22.9 17.8 26.6



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: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

Instrument :

MSVOA_D

ClientSampleId :

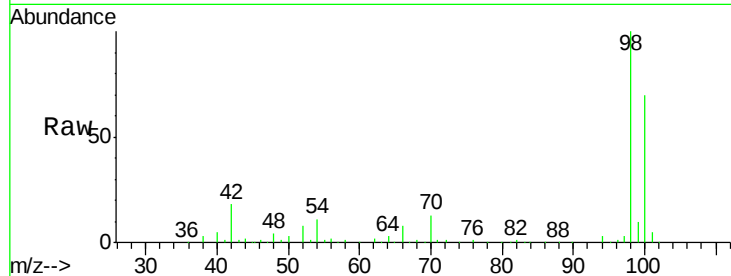
IDW-SO1-SRI3

Tot Ion: 98 Resp: 674404

Ion Ratio Lower Upper

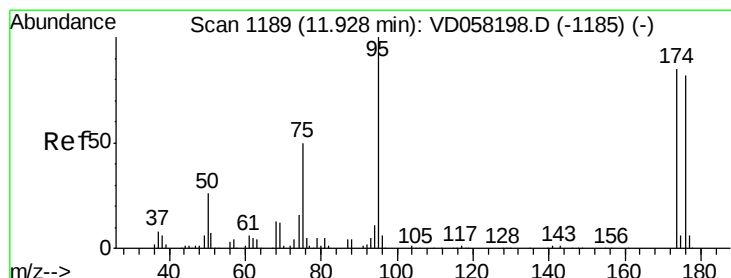
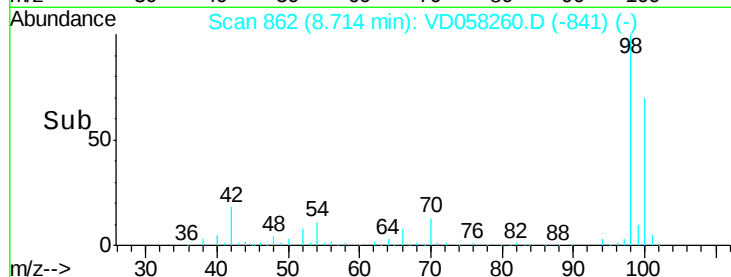
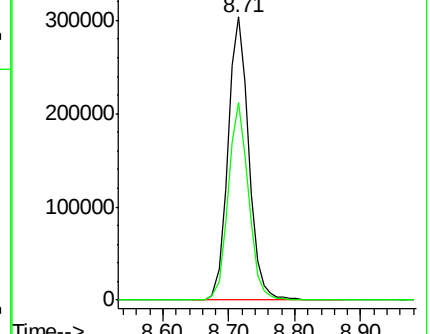
98 100

100 69.8 53.6 80.4



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: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

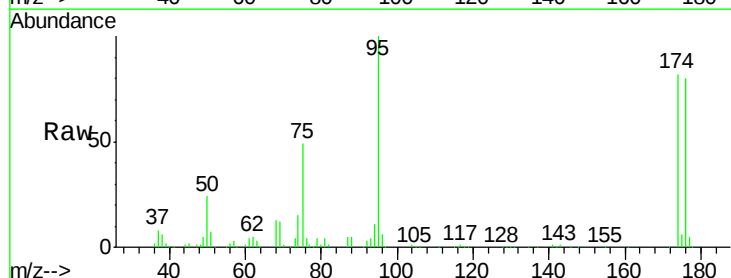
Tgt Ion: 95 Resp: 281532

Ion Ratio Lower Upper

95 100

174 82.3 0.0 170.2

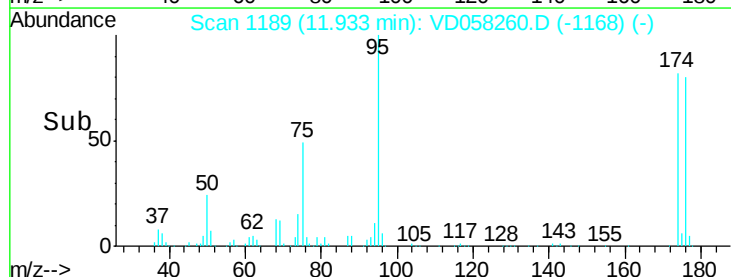
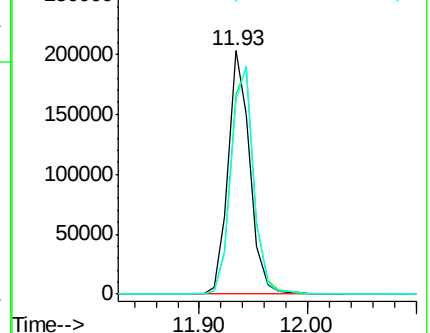
176 79.6 0.0 164.6

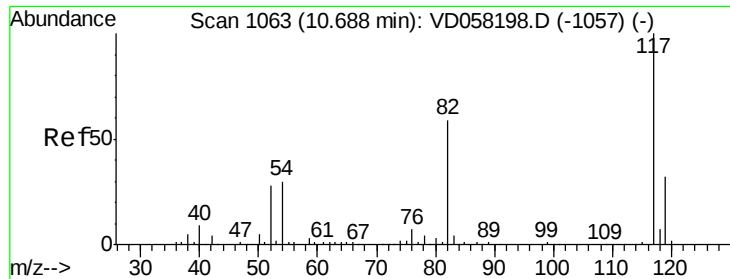


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

Instrument :

MSVOA_D

ClientSampleId :

IDW-SO1-SRI3

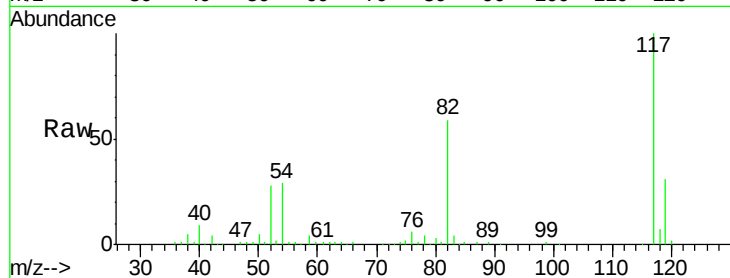
Tot Ion:117 Resp: 561838

Ion Ratio Lower Upper

117 100

82 59.2 47.0 70.6

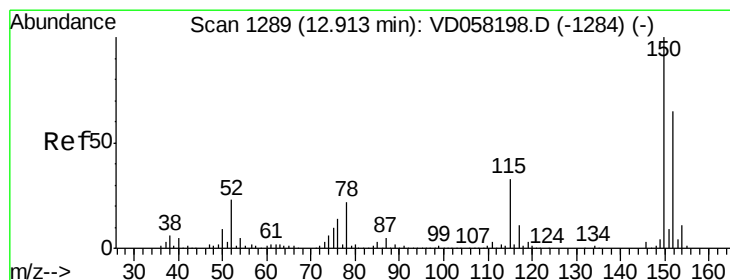
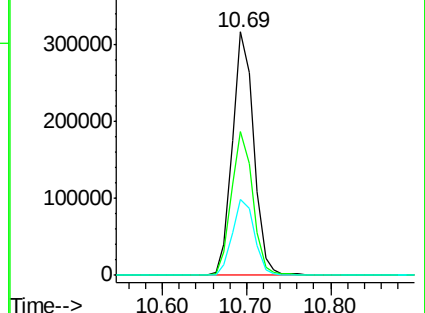
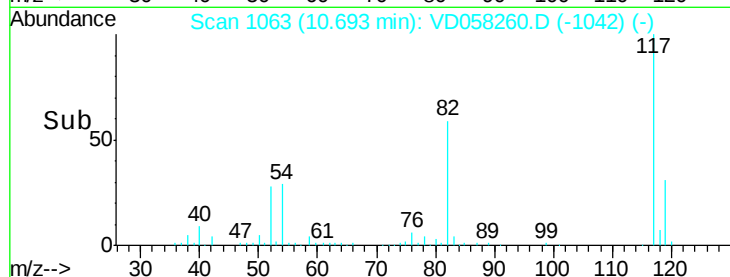
119 31.4 25.3 37.9



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: 12.92 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD058260.D

Acq: 21 Jun 2018 18:53

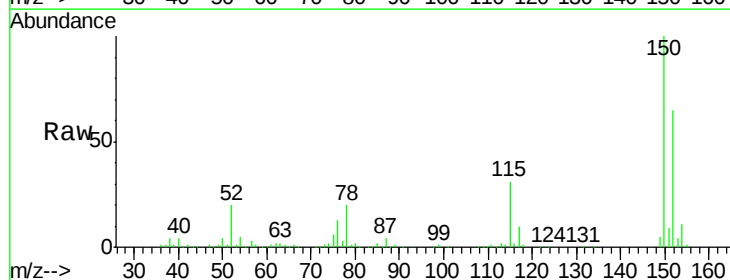
Tgt Ion:152 Resp: 316755

Ion Ratio Lower Upper

152 100

115 47.8 25.1 75.3

150 154.3 0.0 308.8



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

