

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058332.D
 Acq On : 23 Jun 2018 9:55
 Operator : VA/AP
 Sample : J3626-01
 Misc : 6.33g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-1

Quant Time: Jun 25 01:42:12 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

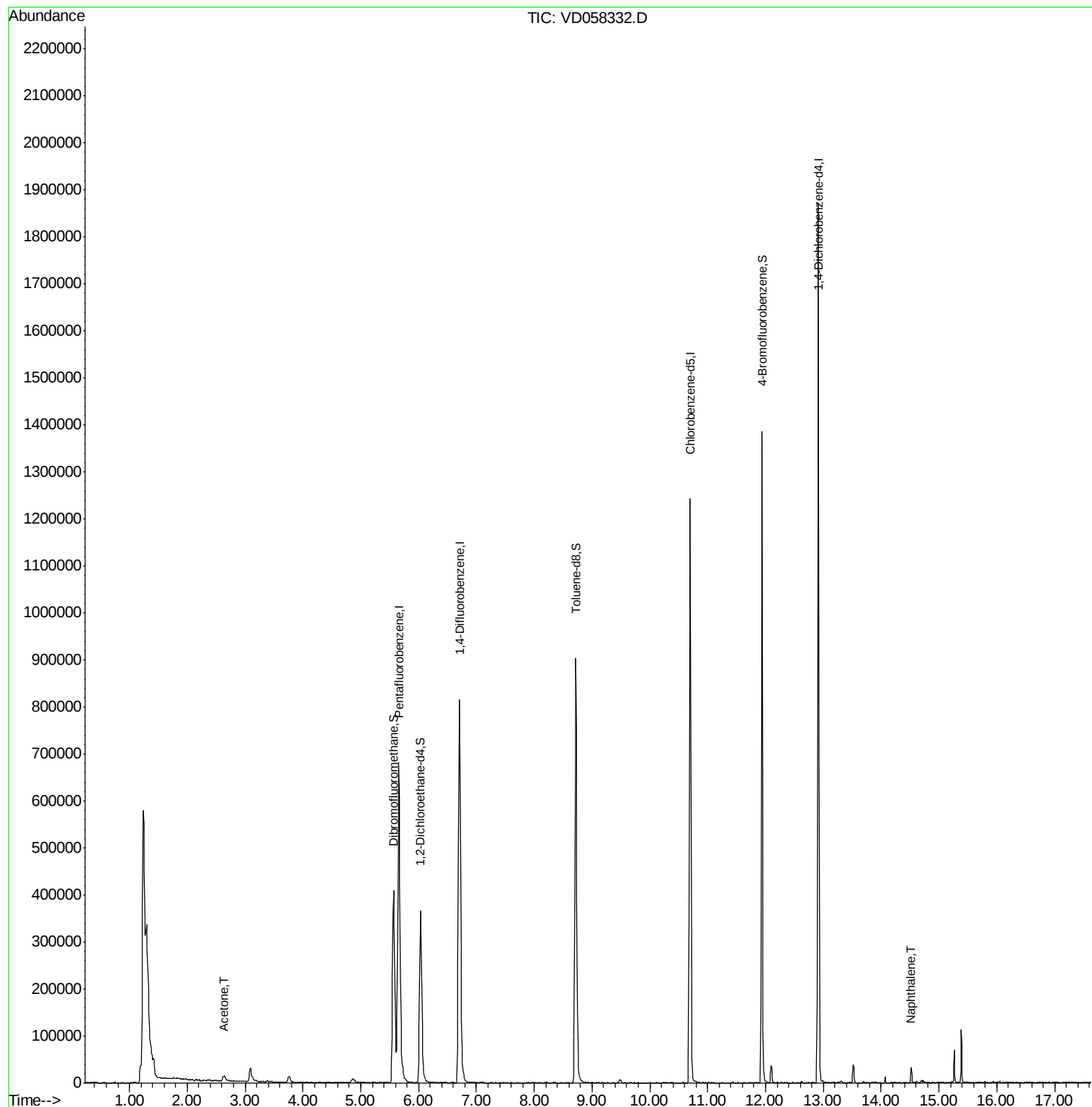
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	682882	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	892300	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	664094	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	386710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	363199	52.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	5.57	113	338047	46.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.72	98	713969	40.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.28%	
62) 4-Bromofluorobenzene	11.94	95	359686	50.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
16) Acetone	2.63	43	23532	24.95	ug/l #	91
95) Naphthalene	14.52	128	18305	1.42	ug/l #	95

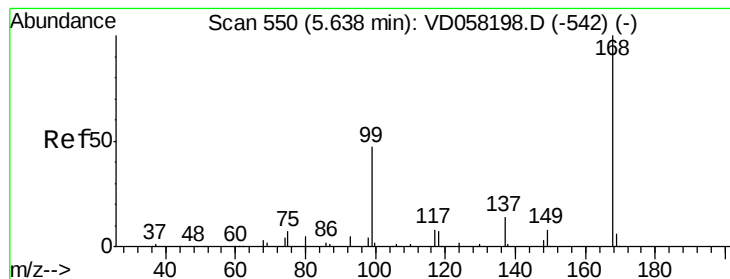
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

Instrument :

MSVOA_D

ClientSampled :

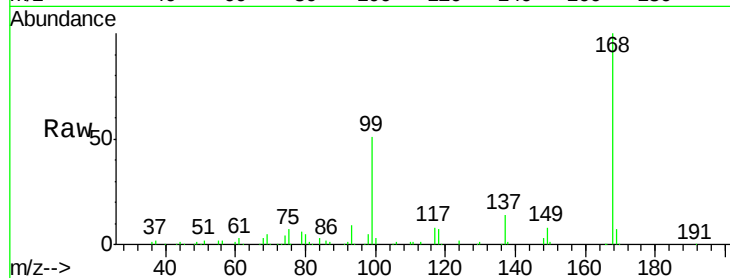
A-1

Tot Ion:168 Resp: 682882

Ion Ratio Lower Upper

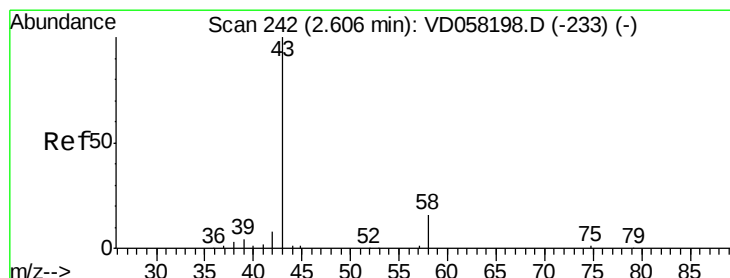
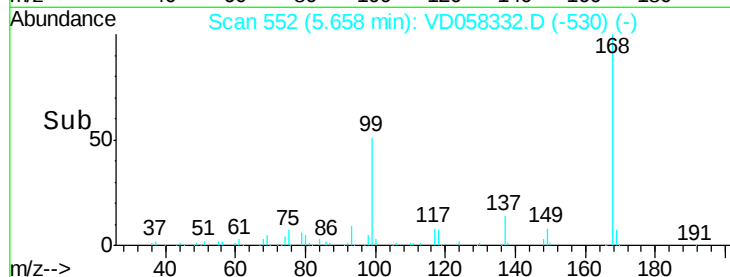
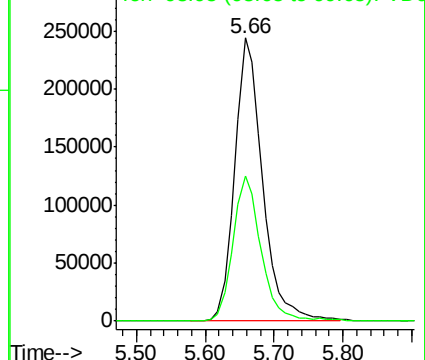
168 100

99 51.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.95 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058332.D

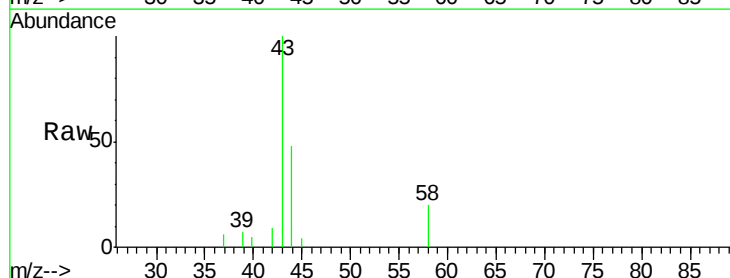
Acq: 23 Jun 2018 9:55

Tgt Ion: 43 Resp: 23532

Ion Ratio Lower Upper

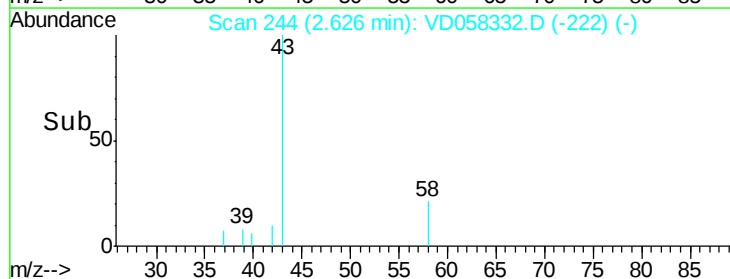
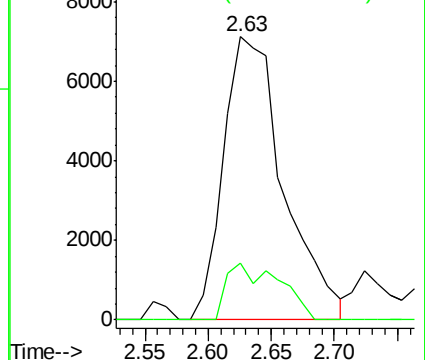
43 100

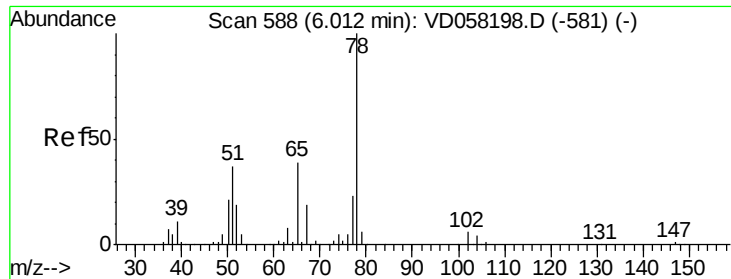
58 19.9 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

Instrument :

MSVOA_D

ClientSampleId :

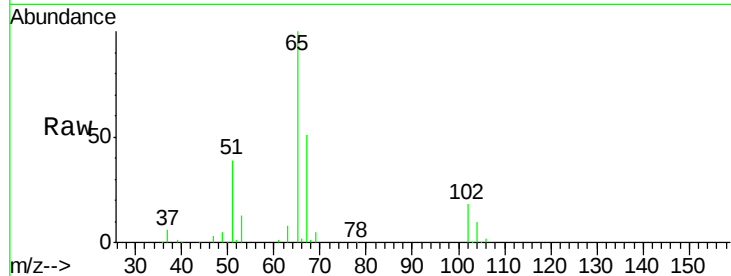
A-1

Tot Ion: 65 Resp: 363199

Ion Ratio Lower Upper

65 100

67 51.0 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.03

150000

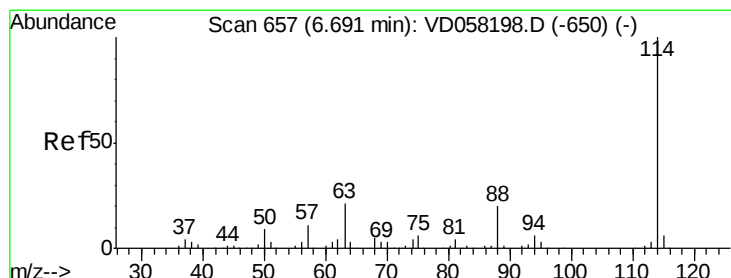
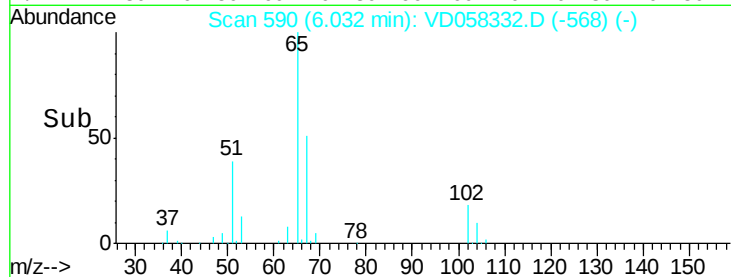
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.71 min Scan# 659

Delta R.T. 0.02 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

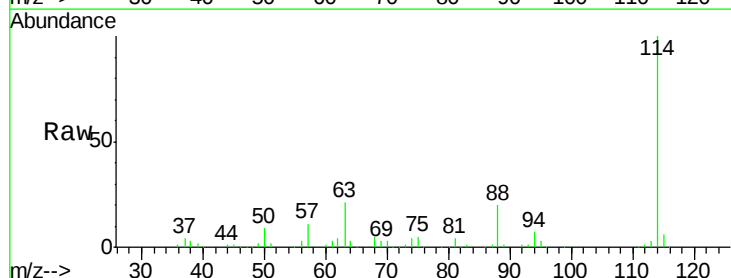
Tgt Ion: 114 Resp: 892300

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 19.7 0.0 40.6



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

6.71

400000

300000

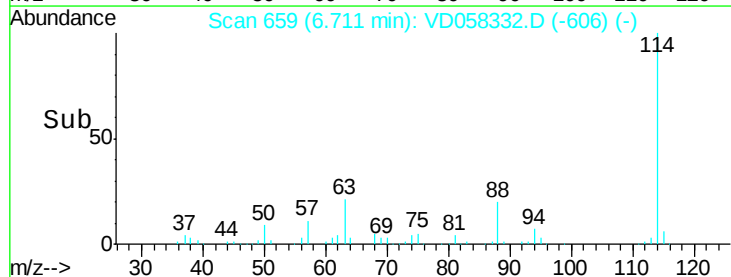
200000

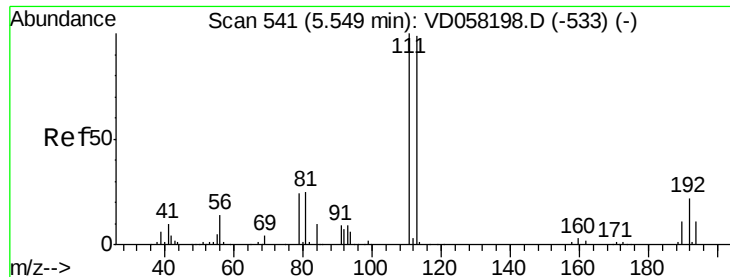
100000

0

Time-->

6.60 6.80 7.00





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.02 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

Instrument :

MSVOA_D

ClientSampleId :

A-1

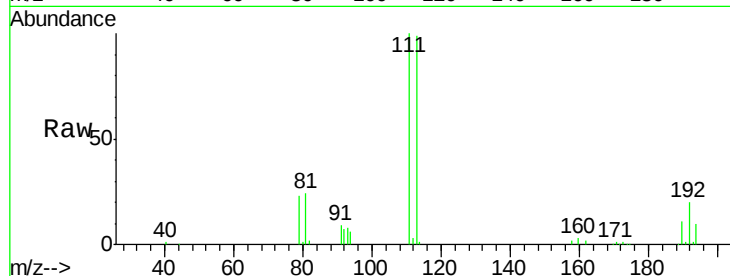
Tot Ion:113 Resp: 338047

Ion Ratio Lower Upper

113 100

111 101.4 80.6 121.0

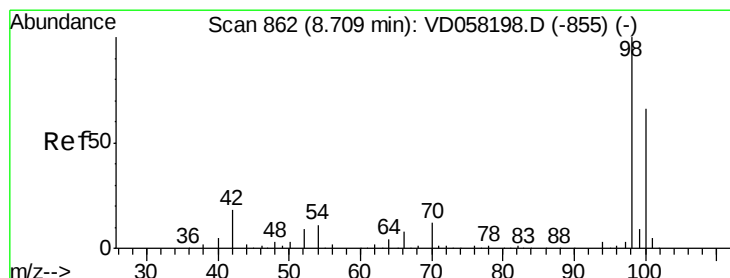
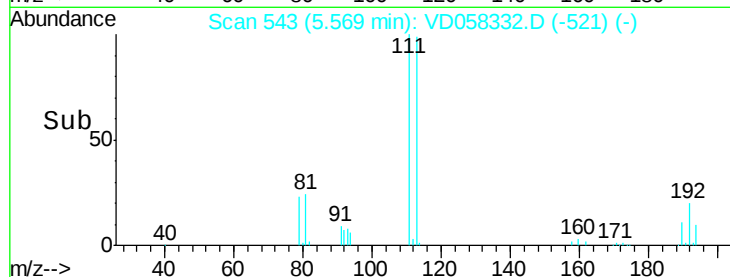
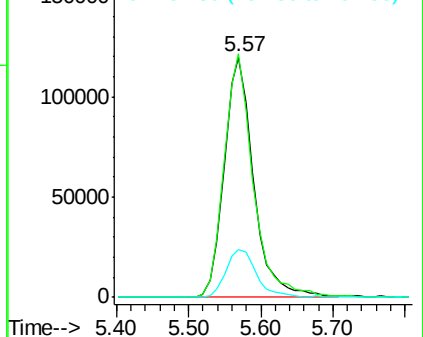
192 20.0 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058332.D

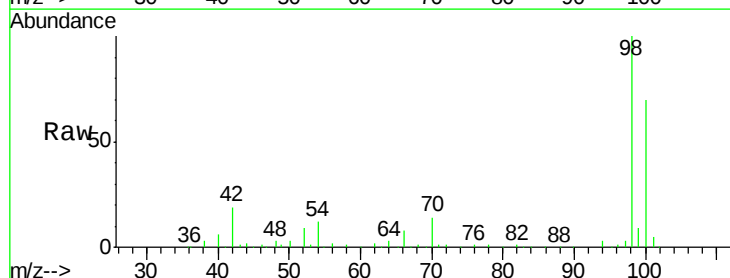
Acq: 23 Jun 2018 9:55

Tgt Ion: 98 Resp: 713969

Ion Ratio Lower Upper

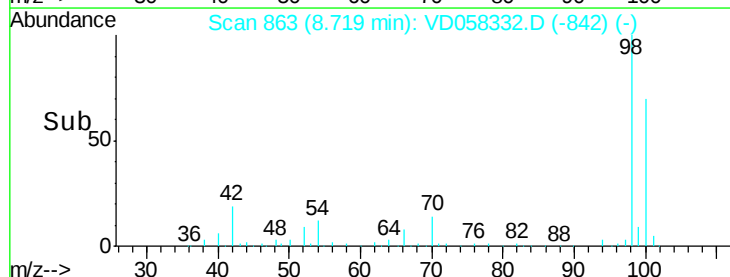
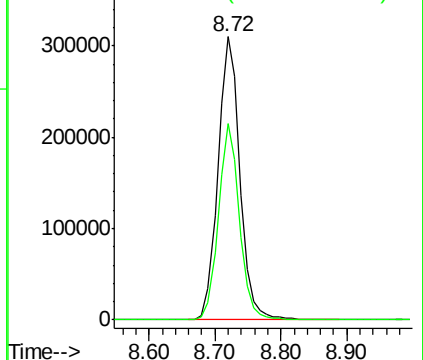
98 100

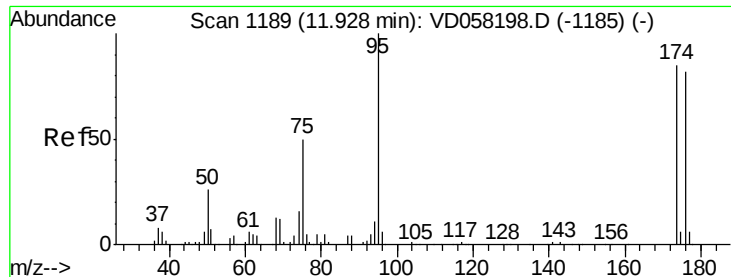
100 69.5 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

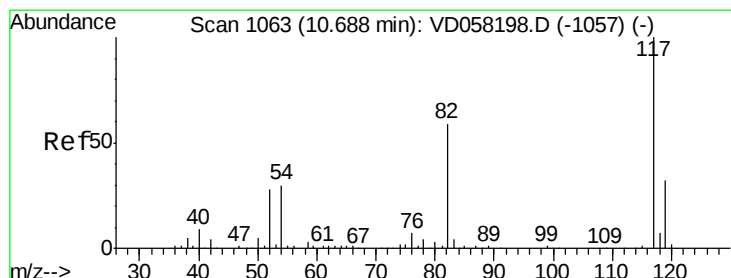
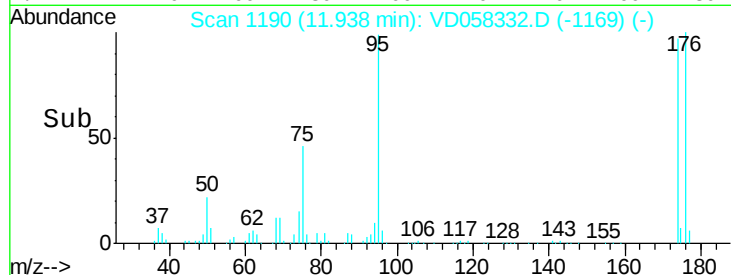
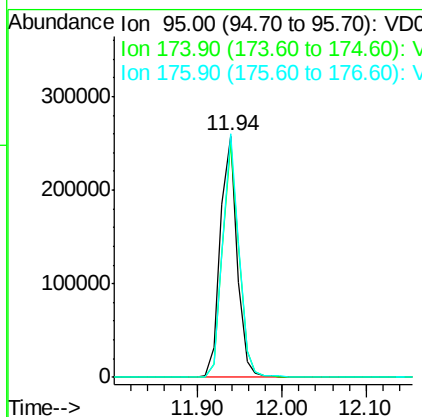
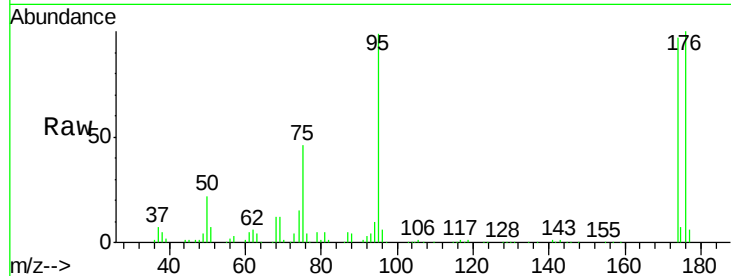




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058332.D
Acq: 23 Jun 2018 9:55

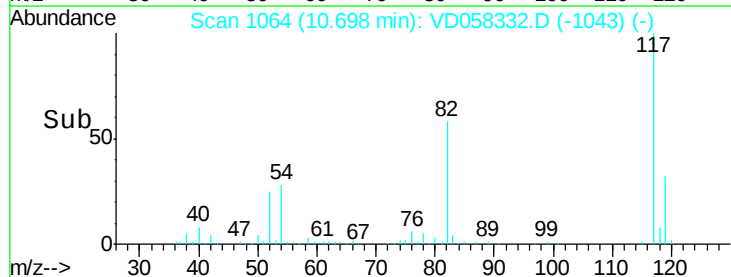
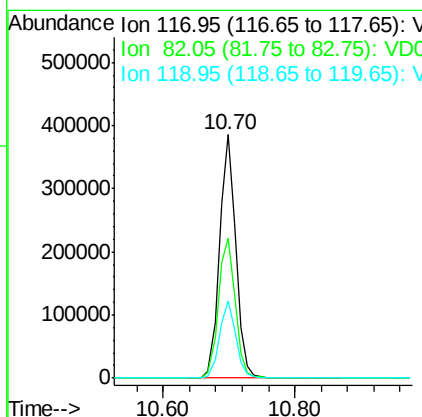
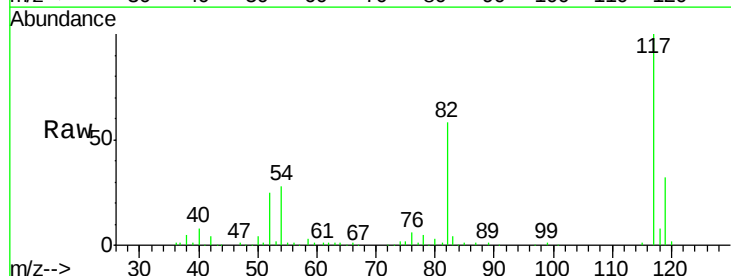
Instrument :
MSVOA_D
ClientSampleId :
A-1

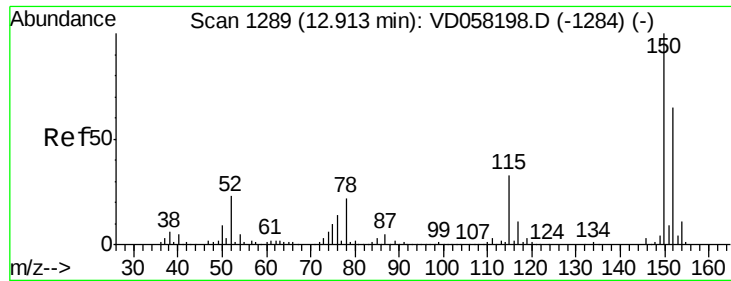
Tot Ion	95	Resp	359686
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	170.2
176	100.9	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058332.D
Acq: 23 Jun 2018 9:55

Tgt Ion	117	Resp	664094
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.0	70.6
119	31.9	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

Instrument :

MSVOA_D

ClientSampleId :

A-1

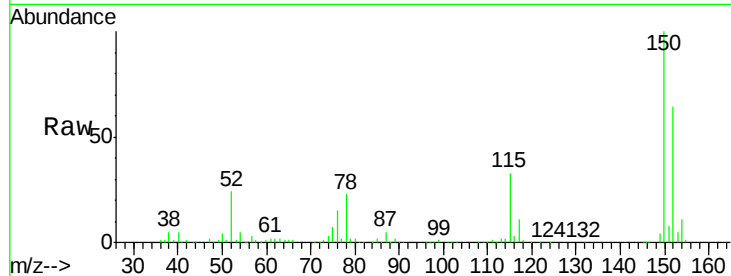
Tot Ion:152 Resp: 386710

Ion Ratio Lower Upper

152 100

115 50.5 25.1 75.3

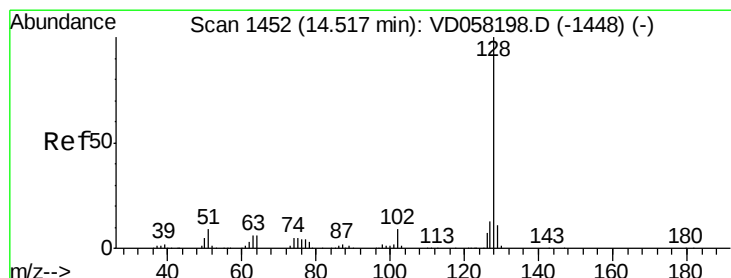
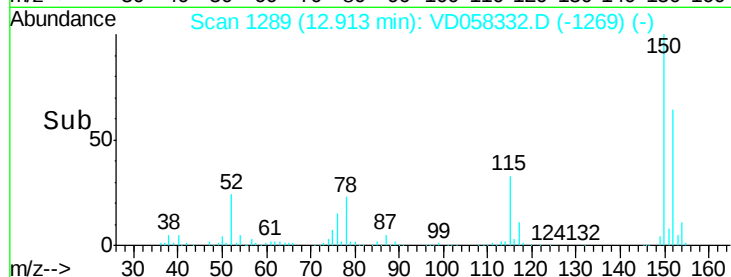
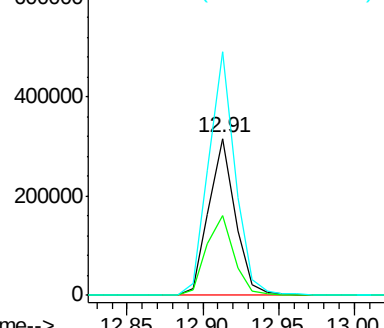
150 155.5 0.0 308.8



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



#95

Naphthalene

Concen: 1.42 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058332.D

Acq: 23 Jun 2018 9:55

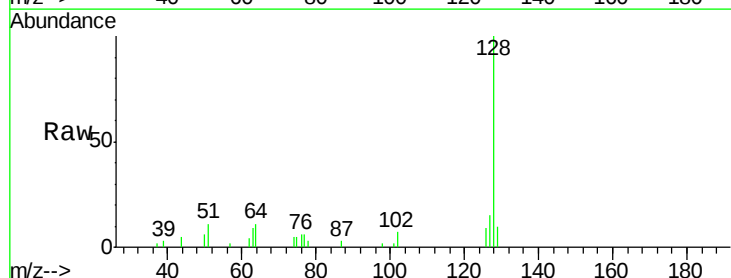
Tgt Ion:128 Resp: 18305

Ion Ratio Lower Upper

128 100

127 15.3 10.0 15.0#

129 9.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

