

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058333.D
 Acq On : 23 Jun 2018 10:23
 Operator : VA/AP
 Sample : J3252-03RE
 Misc : 5.34g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118RE

Manual Integrations
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 6/25/2018 10:51:11 AM

Quant Time: Jun 25 01:54:10 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	5.67	168	518092	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.71	114	716712	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	450306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	244042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	335612	64.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	128.26%	
35) Dibromofluoromethane	5.57	113	311327	53.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	8.72	98	483755	34.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.56%	
62) 4-Bromofluorobenzene	11.94	95	249935	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
16) Acetone	2.63	43	28853	40.32	ug/l	Qvalue # 89
68) m/p-Xylenes	11.01	106	5112m	1.03	ug/l	
69) o-Xylene	11.42	106	4879	1.03	ug/l	92
84) 1,2,4-Trimethylbenzene	12.63	105	28350	2.29	ug/l	97

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

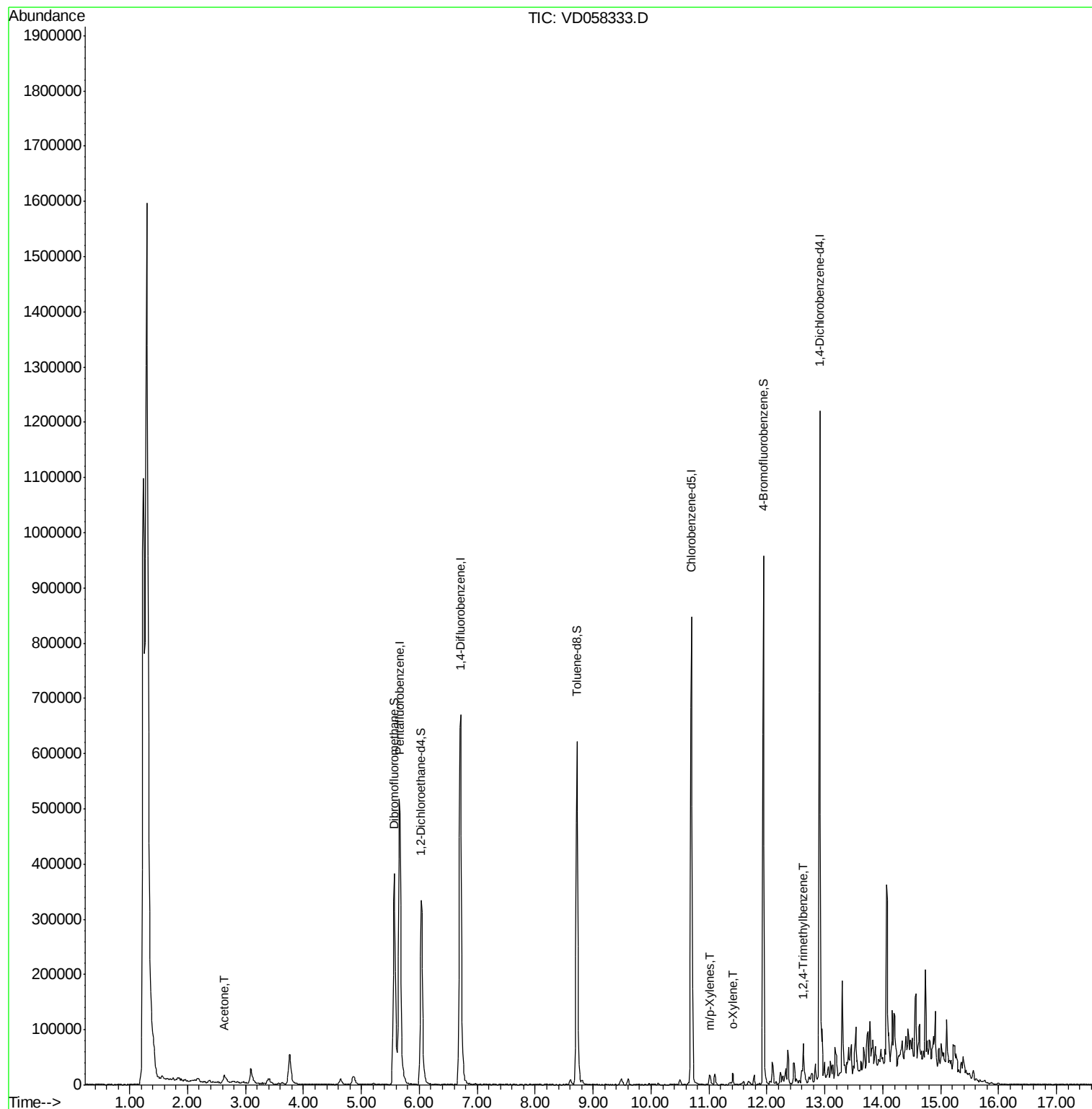
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058333.D
Acq On : 23 Jun 2018 10:23
Operator : VA/AP
Sample : J3252-03RE
Misc : 5.34g/5ml/MSVOA D/SOIL
ALS Vial : 47 Sample Multiplier: 1

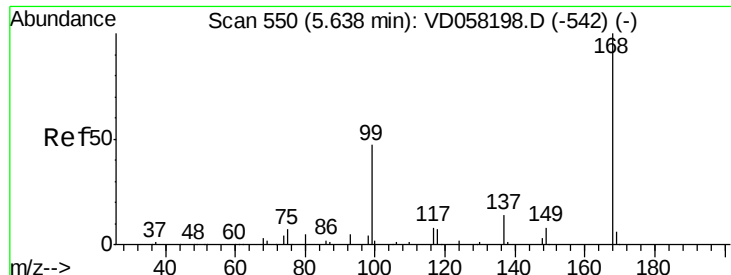
Instrument :
MSVOA_D
ClientSampleId :
TR-05-062118RE

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Quant Time: Jun 25 01:54:10 2018
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#1

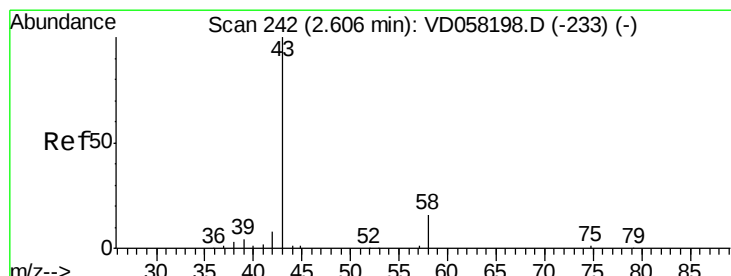
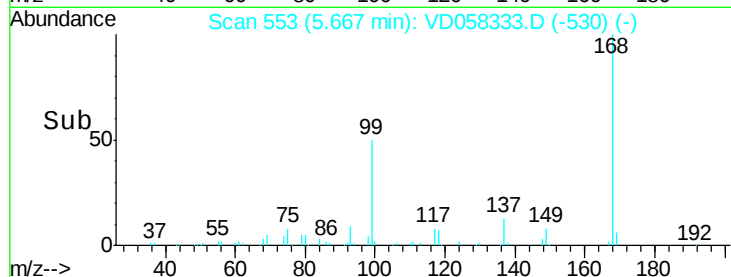
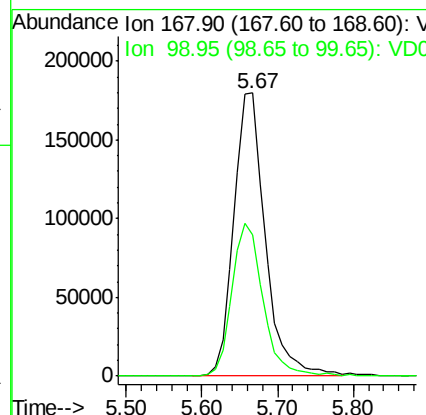
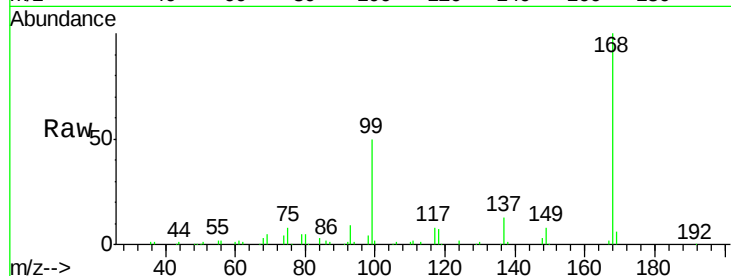
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 553
 Delta R.T. 0.03 min
 Lab File: VD058333.D
 Acq: 23 Jun 2018 10:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118RE

Tot Ion	Ratio	Resp	Lower	Upper
168	100	518092		
99	49.8		41.1	61.7

Manual Integrations
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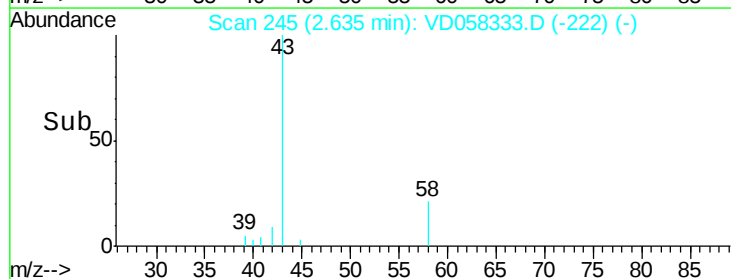
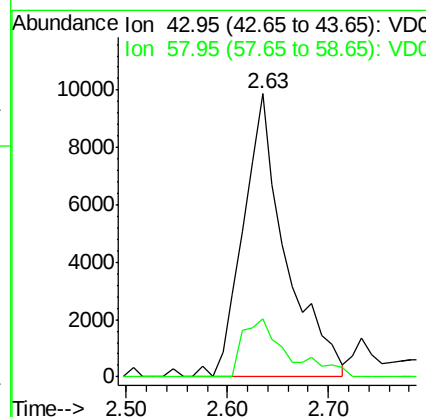
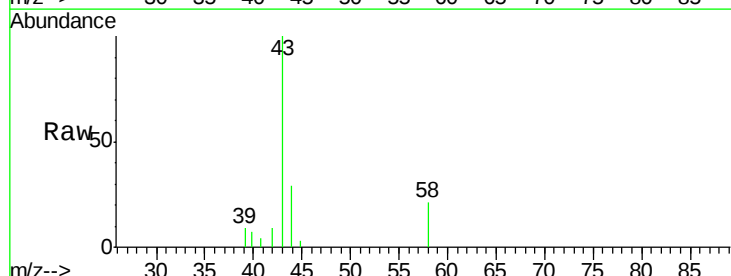
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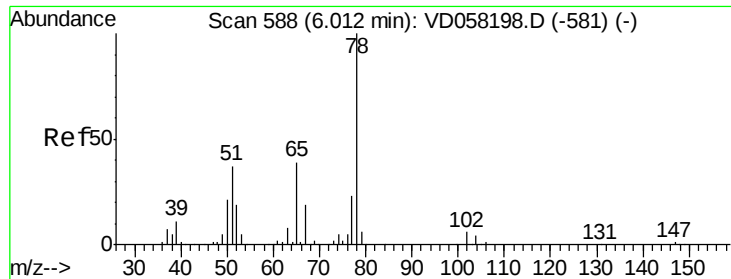


#16

Acetone
 Concen: 40.32 ug/l
 RT: 2.63 min Scan# 245
 Delta R.T. 0.03 min
 Lab File: VD058333.D
 Acq: 23 Jun 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	28853		
58	20.7		12.7	19.1#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058333.D

Acq: 23 Jun 2018 10:23

Instrument :

MSVOA_D

ClientSampleId :

TR-05-062118RE

Tot Ion: 65 Resp: 335612

Ion Ratio Lower Upper

65 100

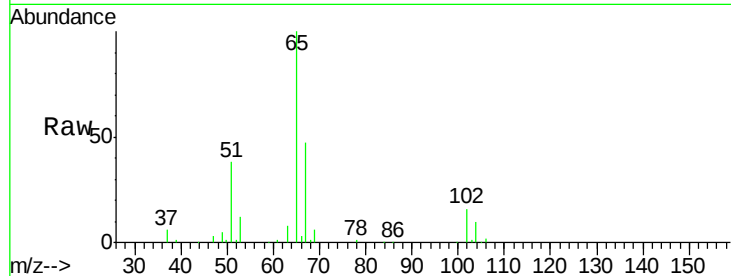
67 47.2 0.0 97.8

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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.03

150000

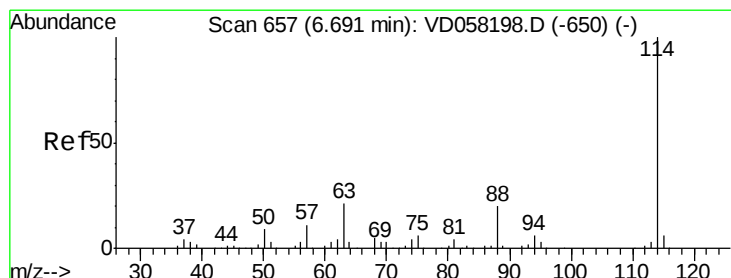
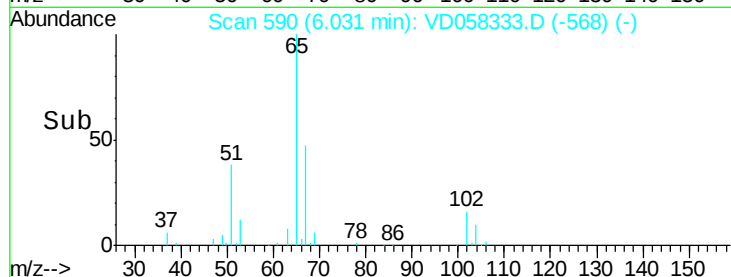
100000

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: VD058333.D

Acq: 23 Jun 2018 10:23

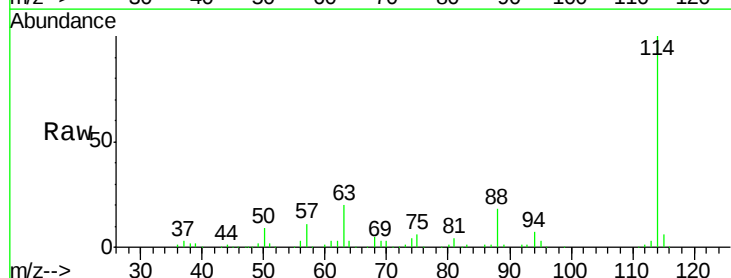
Tgt Ion: 114 Resp: 716712

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 18.3 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

300000

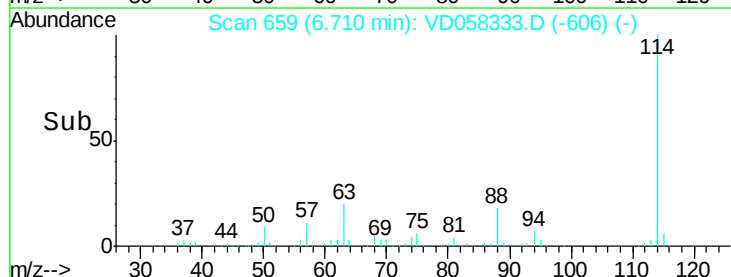
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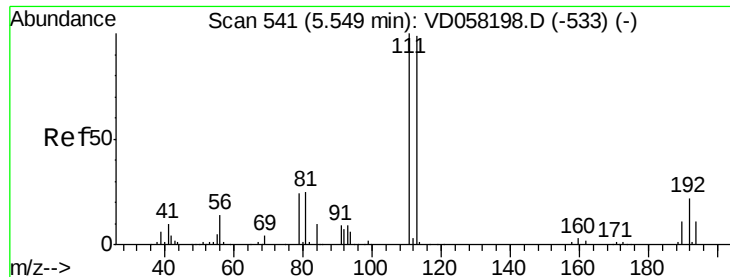
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0

Time-->

6.60 6.80 7.00





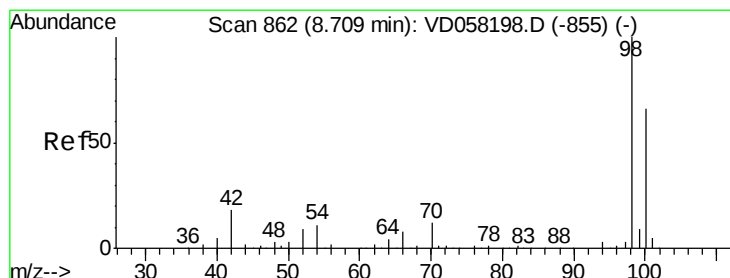
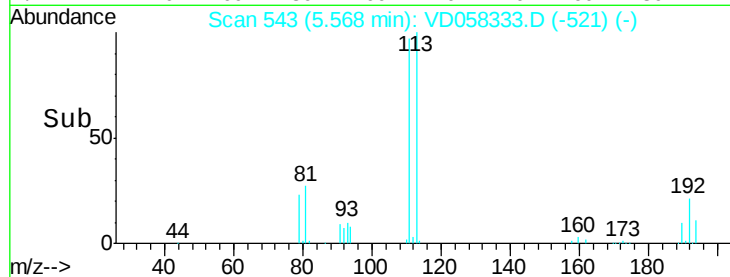
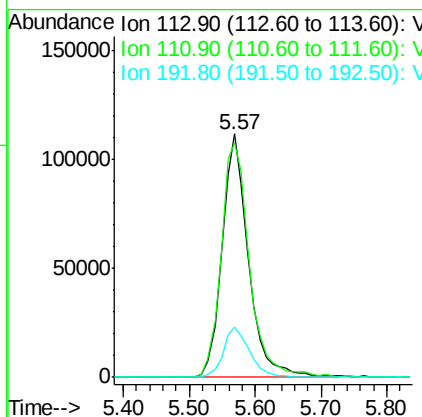
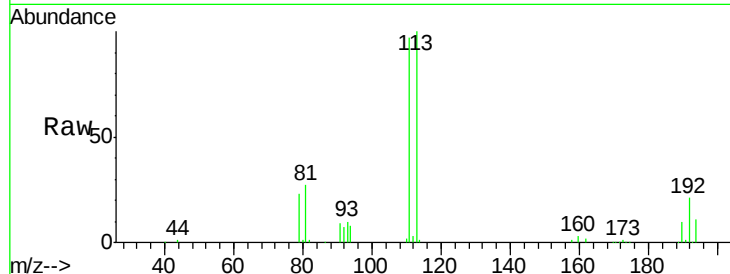
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058333.D
 Acq: 23 Jun 2018 10:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	311327		
111	96.5	80.6	121.0	
192	20.9	17.8	26.6	

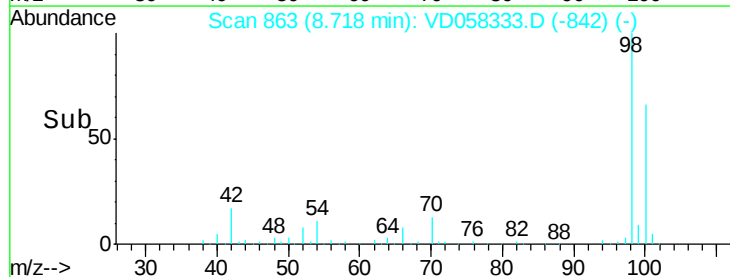
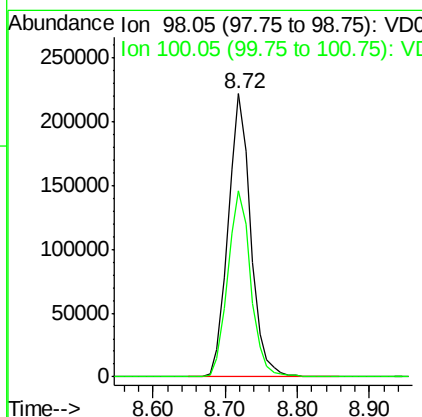
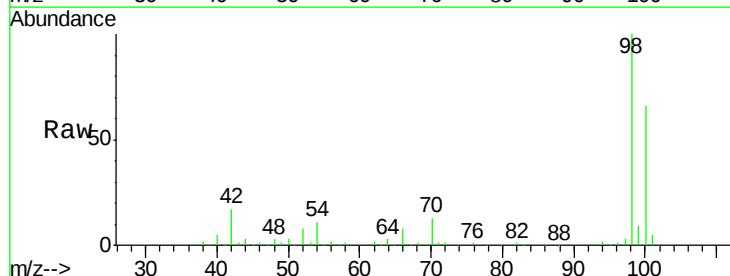
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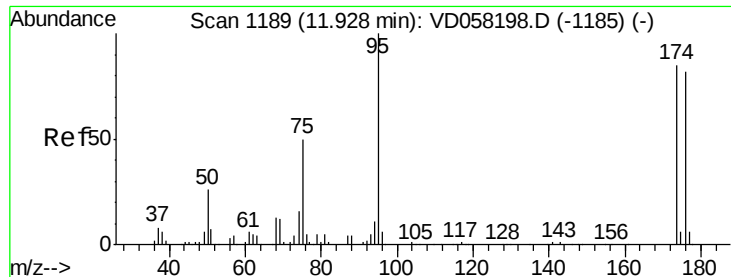
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#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.72 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VD058333.D
 Acq: 23 Jun 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	483755		
100	65.5	53.6	80.4	





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058333.D

Acq: 23 Jun 2018 10:23

Instrument :

MSVOA_D

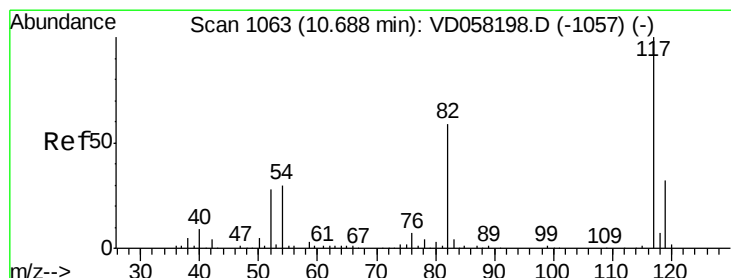
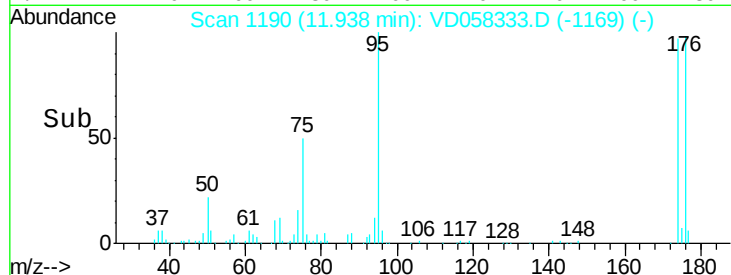
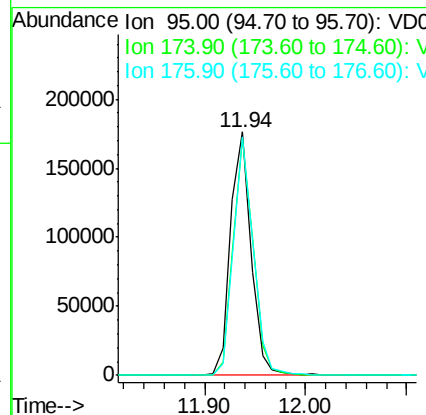
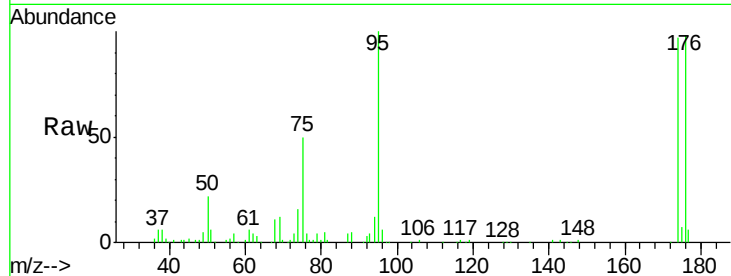
ClientSampleId :

TR-05-062118RE

Tot Ion:	95	Resp:	249935
Ion Ratio	Lower	Upper	
95	100		
174	97.2	0.0	170.2
176	97.8	0.0	164.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

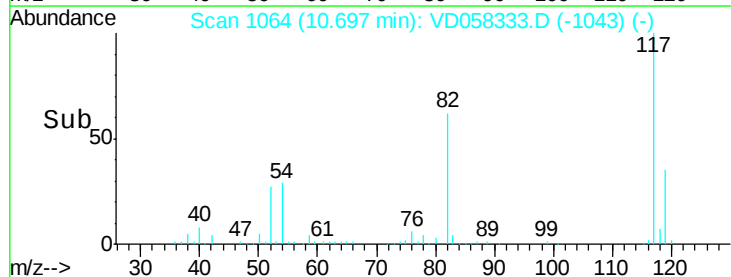
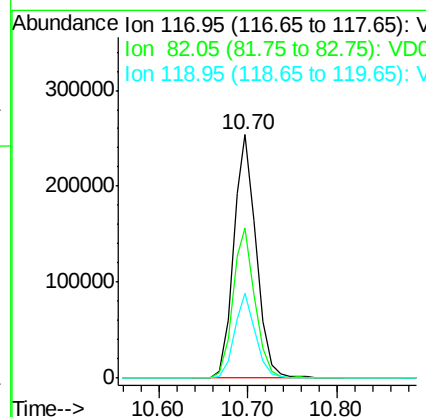
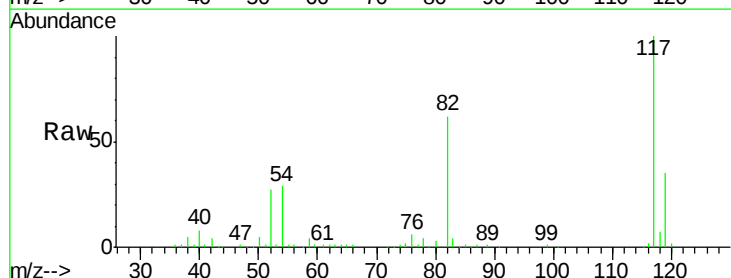
RT: 10.70 min Scan# 1064

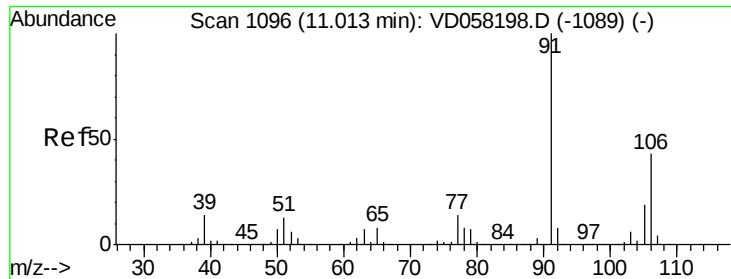
Delta R.T. 0.01 min

Lab File: VD058333.D

Acq: 23 Jun 2018 10:23

Tgt Ion:	117	Resp:	450306
Ion Ratio	Lower	Upper	
117	100		
82	61.6	47.0	70.6
119	34.8	25.3	37.9





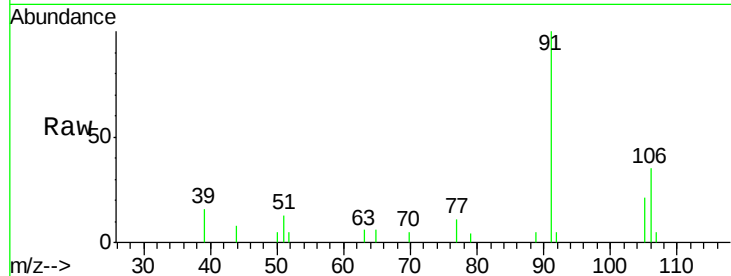
#68
m/p-Xylenes
Concen: 1.03 ug/l m
RT: 11.01 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VD058333.D
Acq: 23 Jun 2018 10:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-062118RE

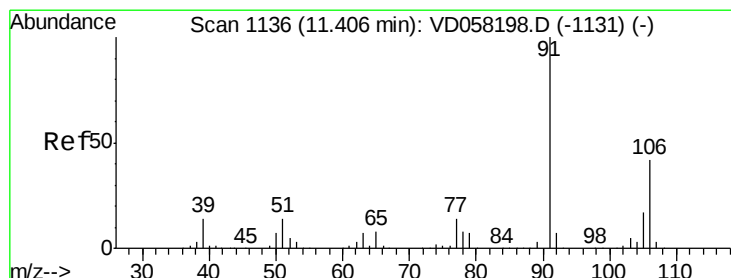
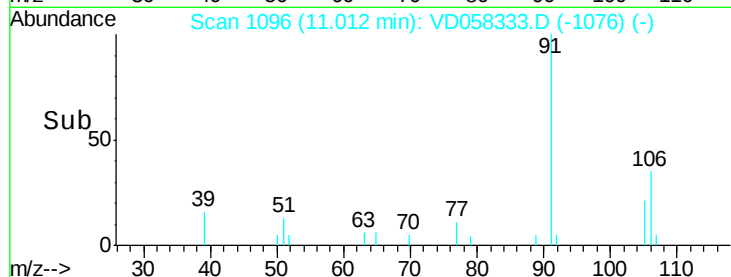
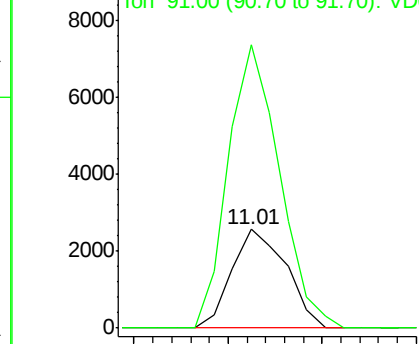
Tot Ion:106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 287.5 185.0 277.6#

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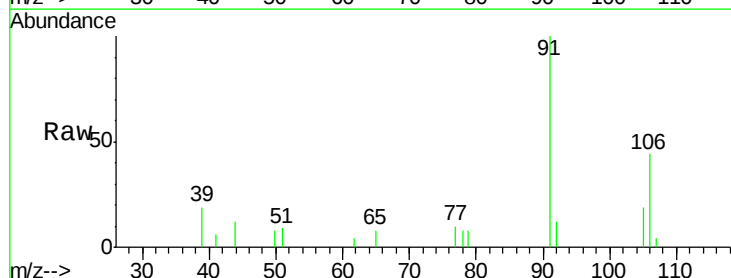


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

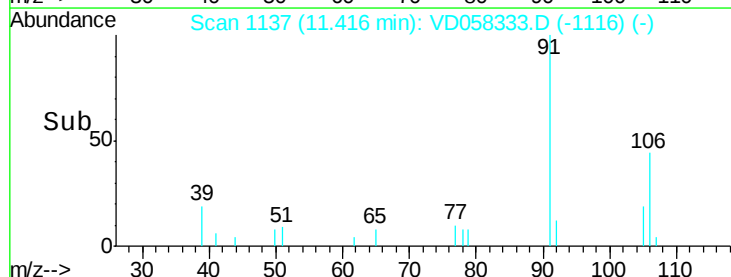
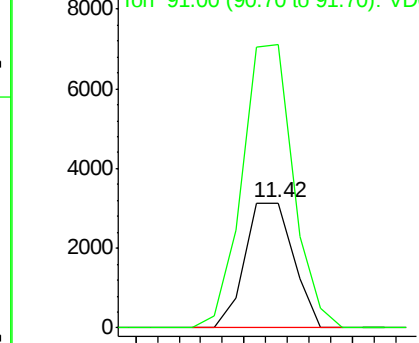


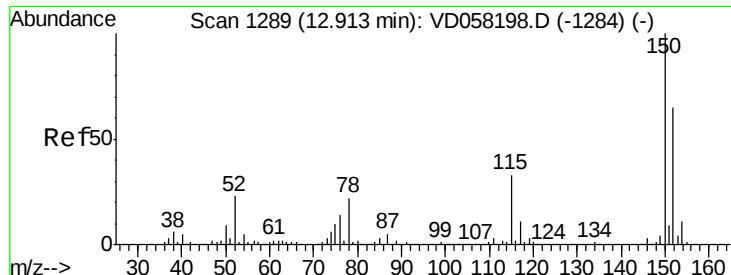
#69
o-Xylene
Concen: 1.03 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058333.D
Acq: 23 Jun 2018 10:23

Tgt Ion:106 Resp: 4879
Ion Ratio Lower Upper
106 100
91 226.3 120.2 360.6



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058333.D

Acq: 23 Jun 2018 10:23

Instrument :

MSVOA_D

ClientSampleId :

TR-05-062118RE

Tot Ion:152 Resp: 244042

Ion Ratio Lower Upper

152 100

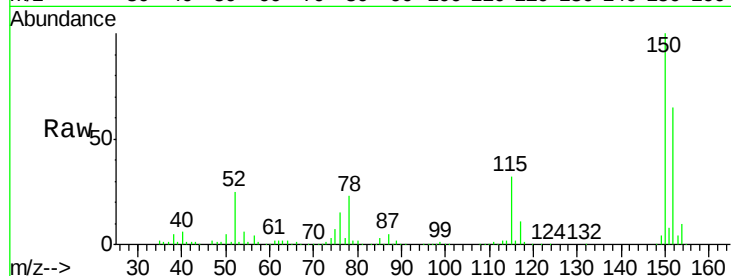
115 48.3 25.1 75.3

150 153.2 0.0 308.8

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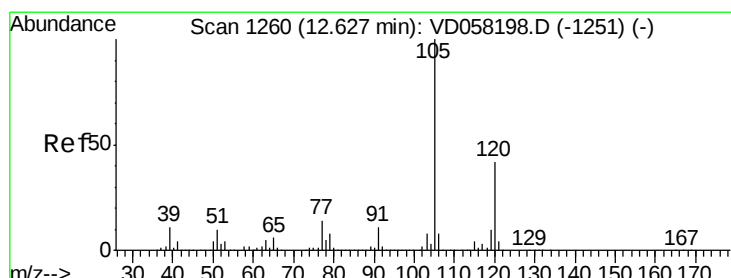
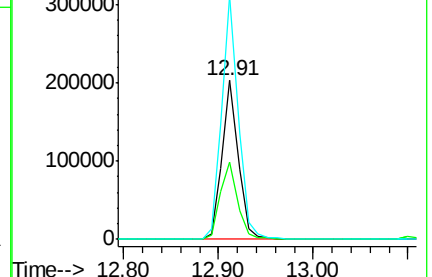
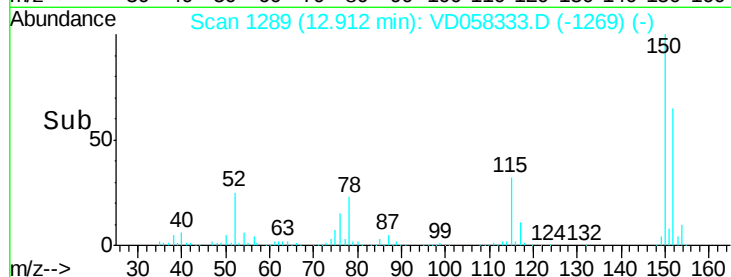
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 2.29 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VD058333.D

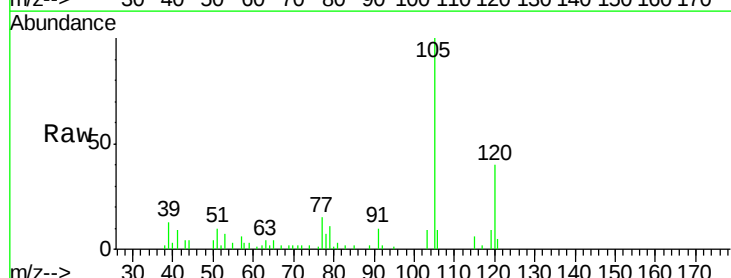
Acq: 23 Jun 2018 10:23

Tgt Ion:105 Resp: 28350

Ion Ratio Lower Upper

105 100

120 40.0 20.8 62.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

