

Data File : VD059407.D
Acq On : 25 Jun 2018 19:05
Operator : VA/AP
Sample : J3669-10RE
Misc : 6.58g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUP-0484-180620RE

Manual Integrations
APPROVED

apatel
6/28/2018 7:53:21 AM

Quant Time: Jul 05 02:09:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	826963	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	1041089	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	859627	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	464241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	323977	38.31	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	76.62%	
35) Dibromofluoromethane	5.53	113	333397	39.32	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	78.64%	
50) Toluene-d8	8.70	98	741806	37.42	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	74.84%	
62) 4-Bromofluorobenzene	11.93	95	344382	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
Target Compounds						
16) Acetone	2.59	43	24187	22.661	ug/l #	90
20) Methylene Chloride	3.05	84	78175	25.171	ug/l	100
44) Trichloroethene	6.97	130	471536	63.544	ug/l	93

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

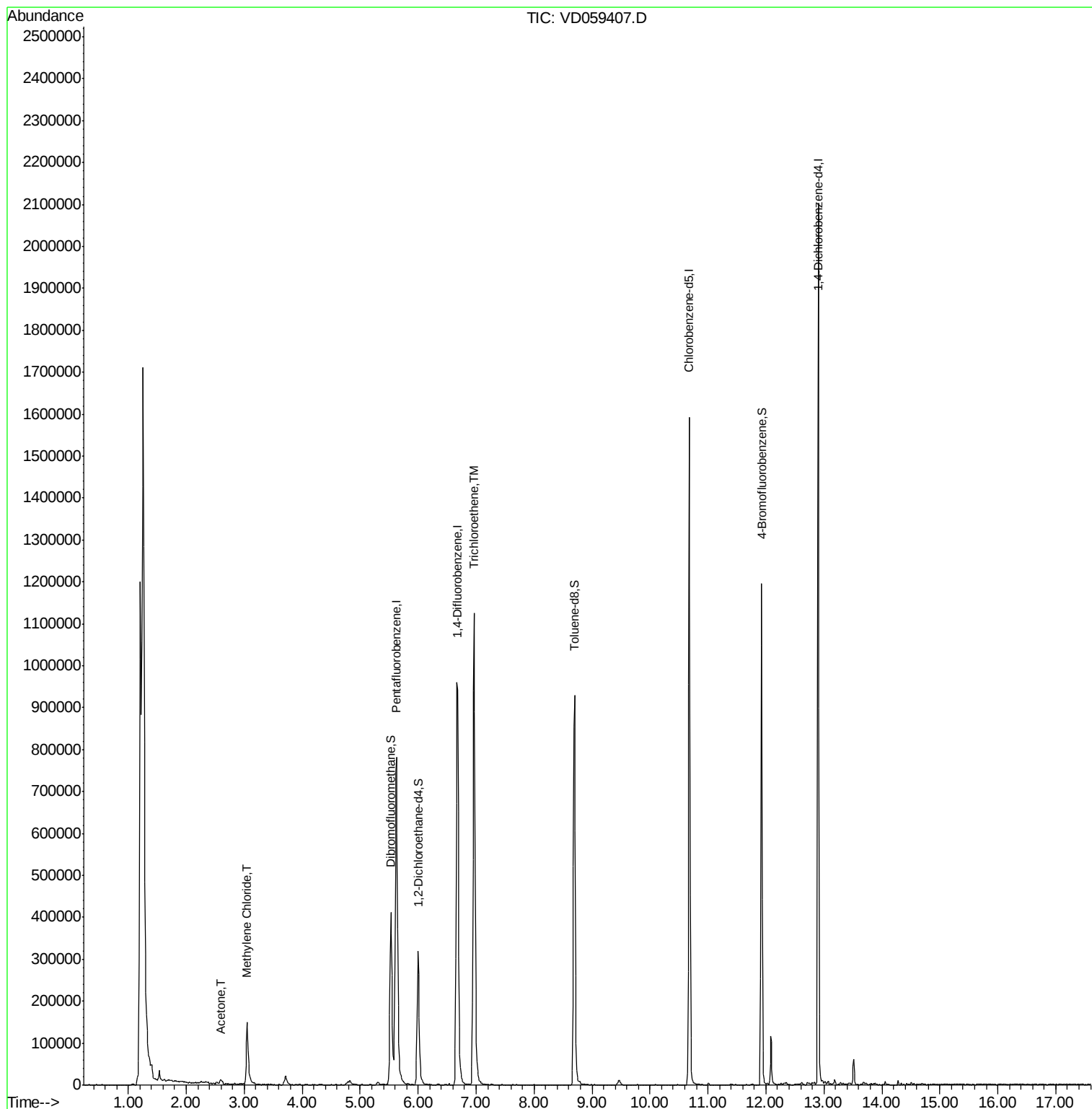
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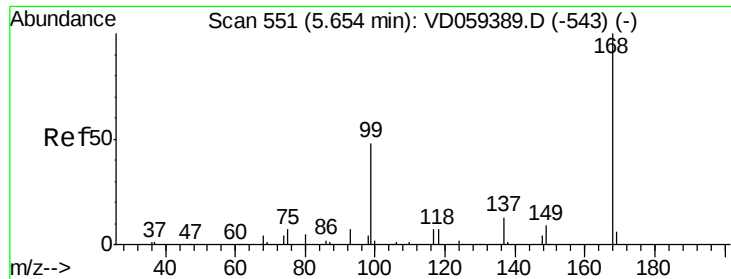
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#1

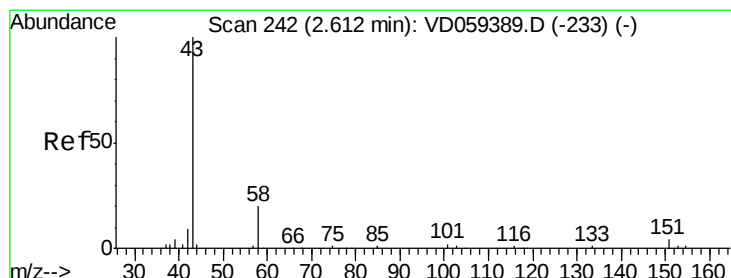
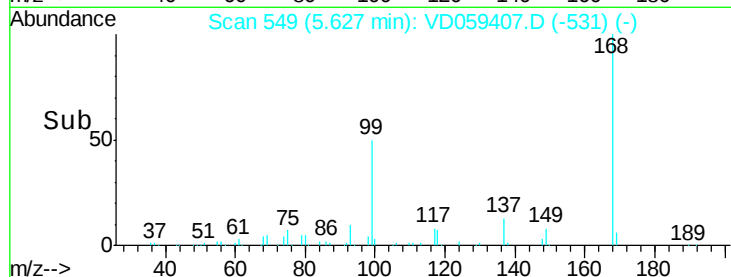
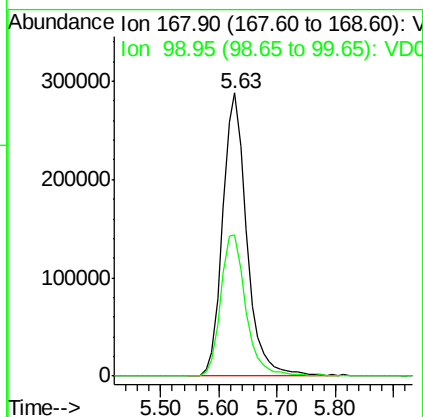
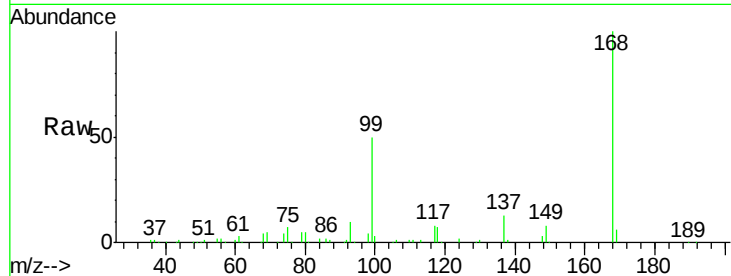
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: VD059407.D
 Acq: 25 Jun 2018 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0484-180620RE

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.9	41.0	61.6

Manual Integrations
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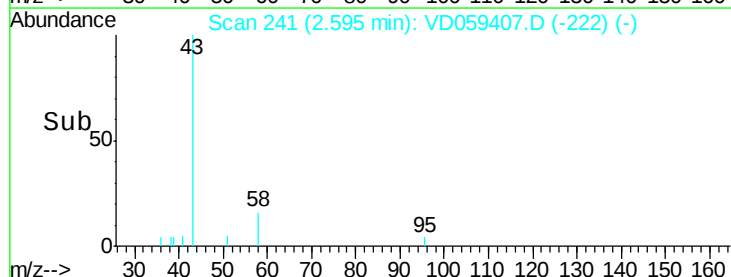
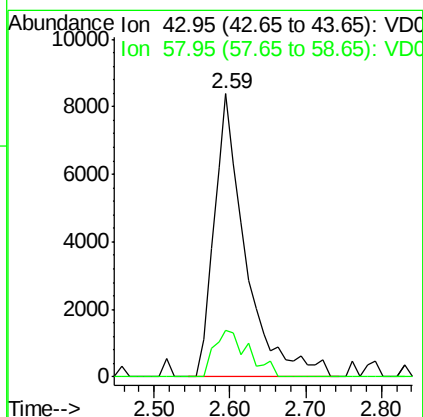
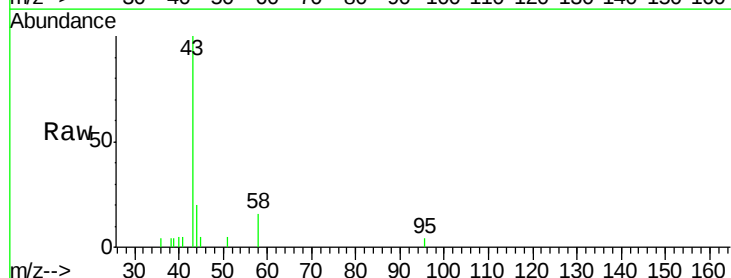
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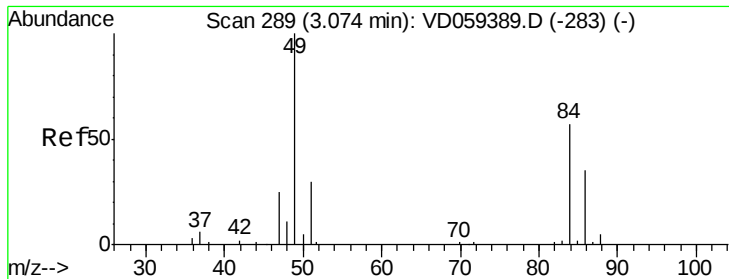


#16

Acetone
 Concen: 22.661 ug/l
 RT: 2.59 min Scan# 241
 Delta R.T. -0.02 min
 Lab File: VD059407.D
 Acq: 25 Jun 2018 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	16.3	16.8	25.2#





#20

Methylene Chloride

Concen: 25.171 ug/l

RT: 3.05 min Scan# 287

Delta R.T. -0.03 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

Instrument :

MSVOA_D

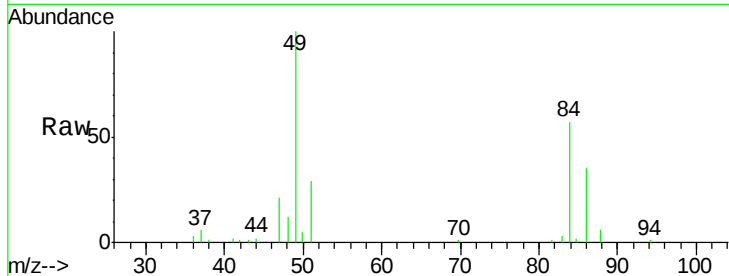
ClientSampleId :

DUP-0484-180620RE

Tgt Ion:	84	Resp:	78175
Ion Ratio	Lower	Upper	
84	100		
49	175.2	140.3	210.5
51	51.4	41.6	62.4
86	61.3	49.4	74.2

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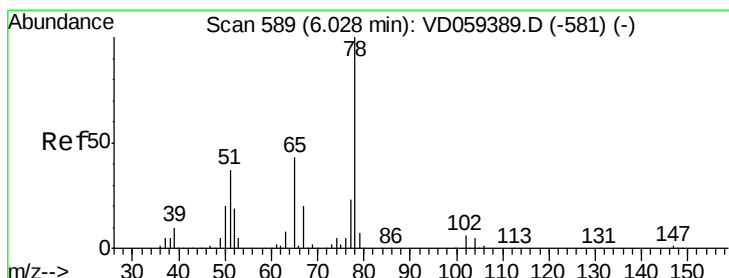
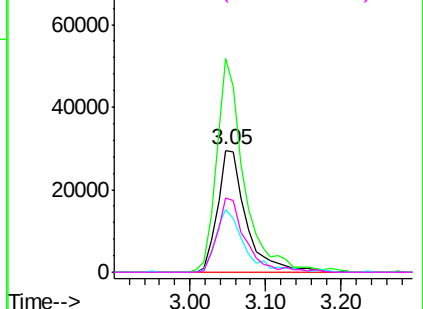
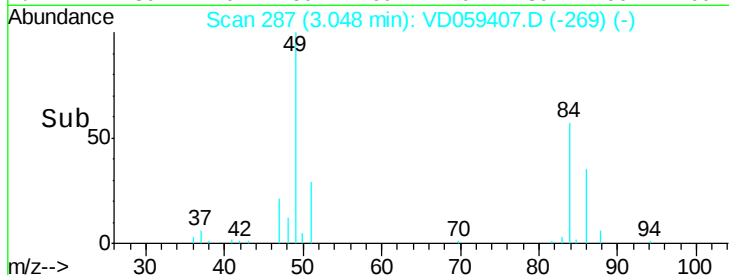


Abundance Ion 83.95 (83.65 to 84.65): VDC

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

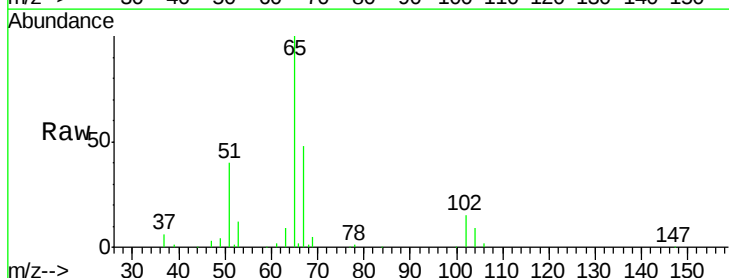
RT: 6.00 min Scan# 587

Delta R.T. -0.03 min

Lab File: VD059407.D

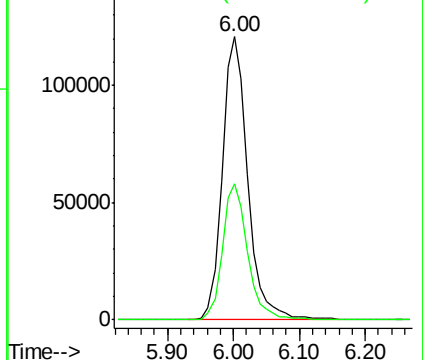
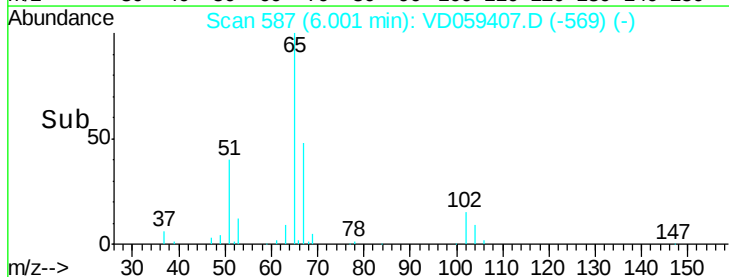
Acq: 25 Jun 2018 19:05

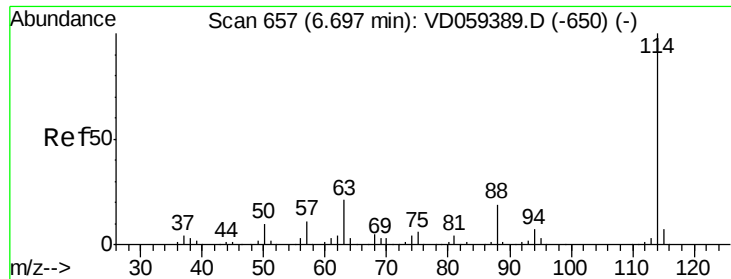
Tgt Ion:	65	Resp:	323977
Ion Ratio	Lower	Upper	
65	100		
67	48.3	0.0	93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

Instrument :

MSVOA_D

ClientSampleId :

DUP-0484-180620RE

Tgt Ion:114 Resp: 1041089

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

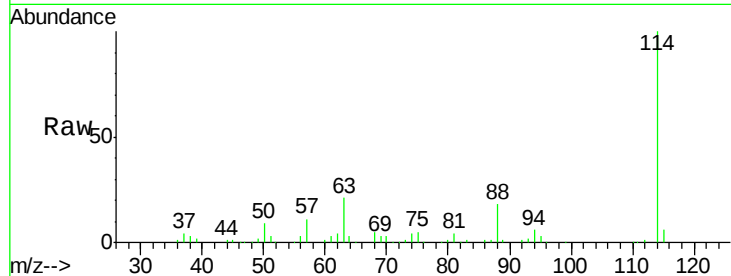
88 17.6 0.0 38.0

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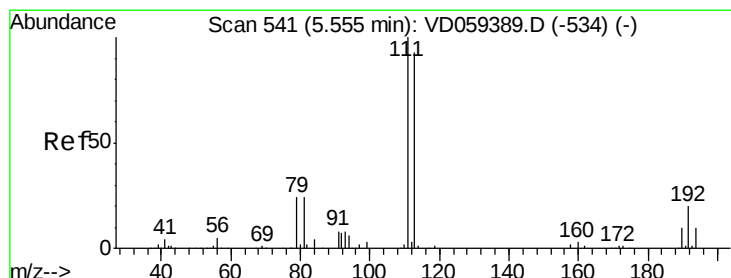
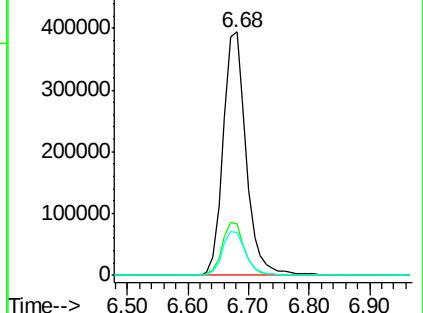
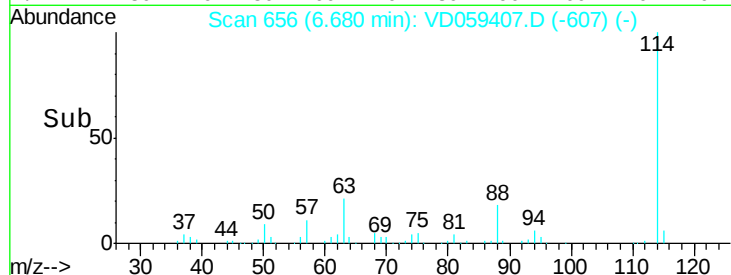
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Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.53 min Scan# 539

Delta R.T. -0.03 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

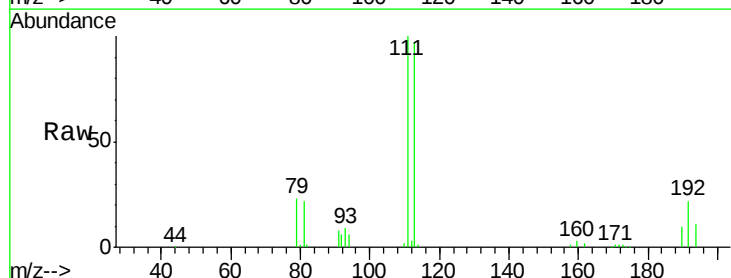
Tgt Ion:113 Resp: 333397

Ion Ratio Lower Upper

113 100

111 102.9 85.7 128.5

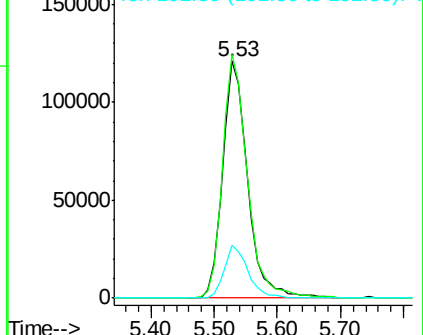
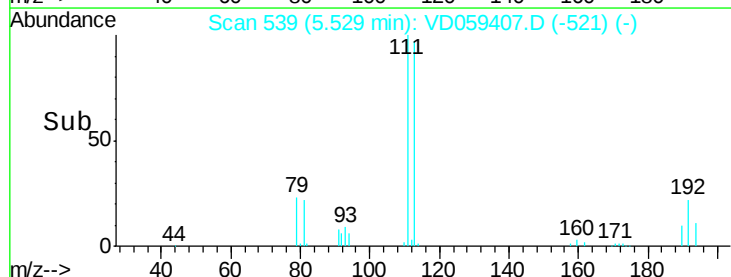
192 22.5 16.9 25.3

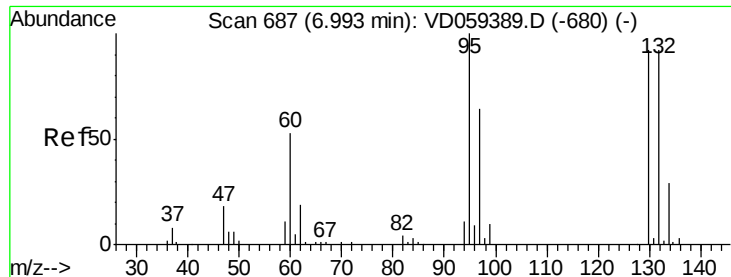


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 63.544 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.03 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:130 Resp: 471536

Ion Ratio Lower Upper

130 100

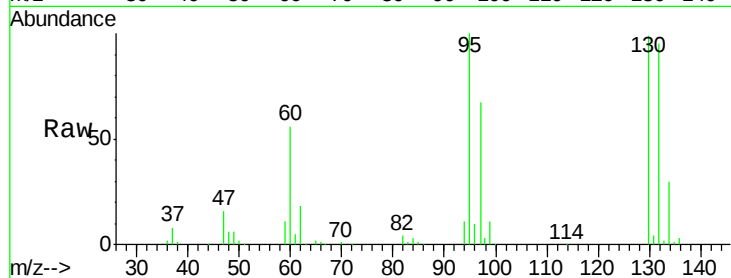
95 100.8 0.0 216.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

6.97

200000

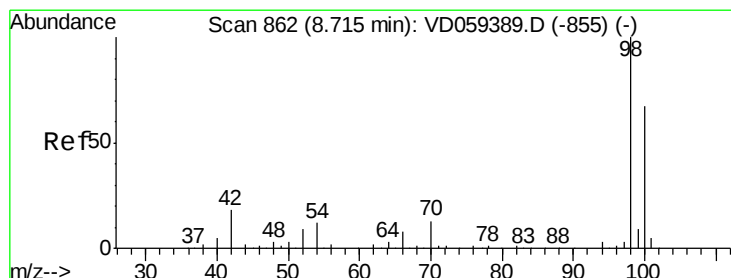
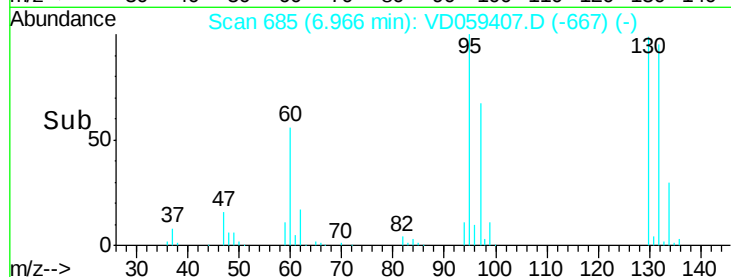
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059407.D

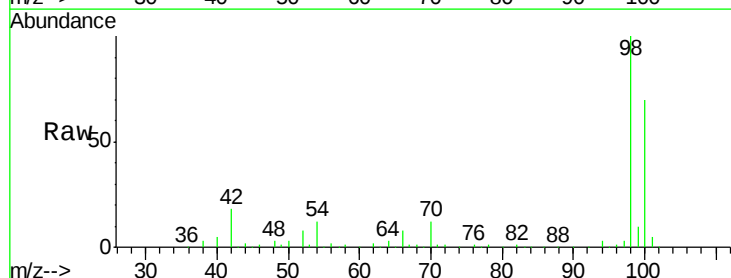
Acq: 25 Jun 2018 19:05

Tgt Ion: 98 Resp: 741806

Ion Ratio Lower Upper

98 100

100 69.6 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.70

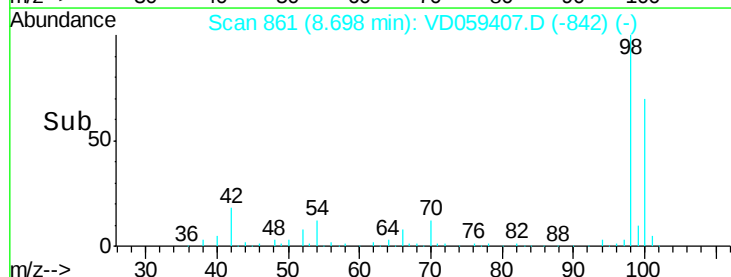
300000

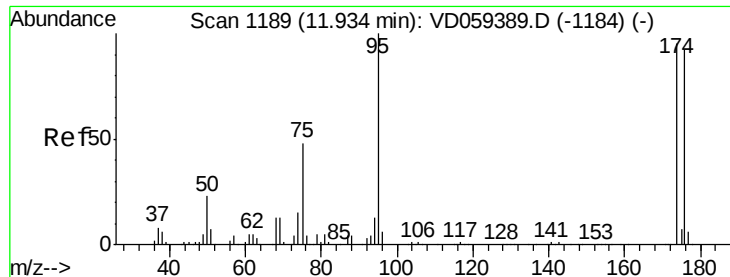
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

Instrument :

MSVOA_D

ClientSampleId :

DUP-0484-180620RE

Tgt Ion: 95 Resp: 344382

Ion Ratio Lower Upper

95 100

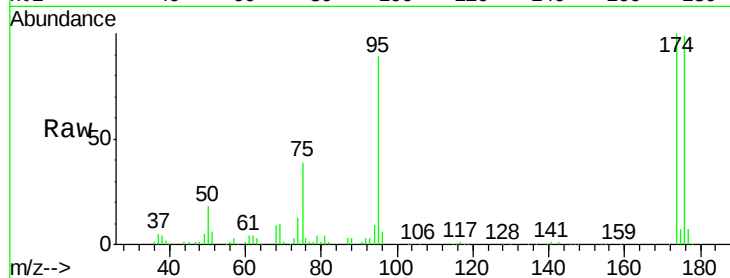
174 111.8 0.0 190.4

176 111.1 0.0 183.2

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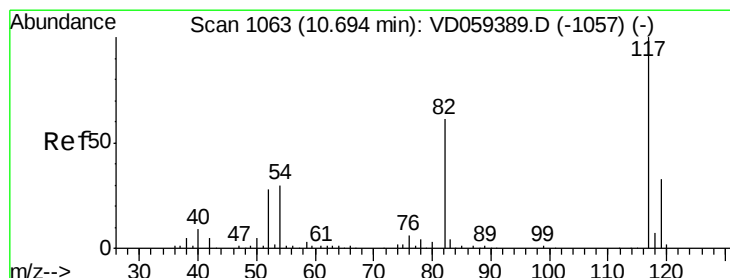
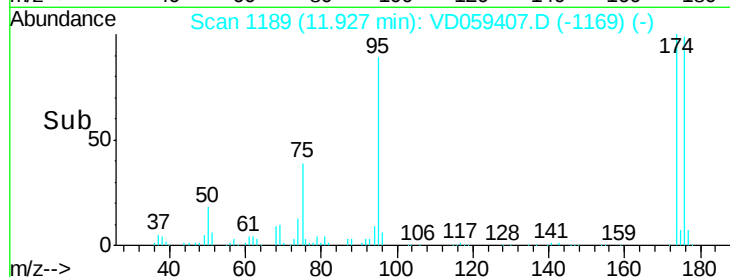
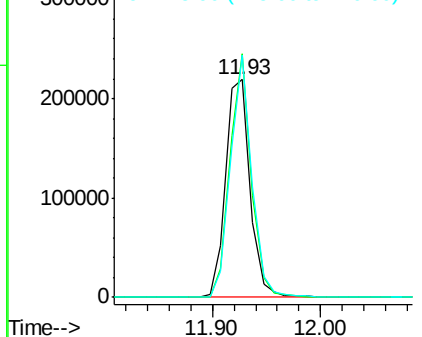
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Abundance Ion 95.00 (94.70 to 95.70): V

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: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059407.D

Acq: 25 Jun 2018 19:05

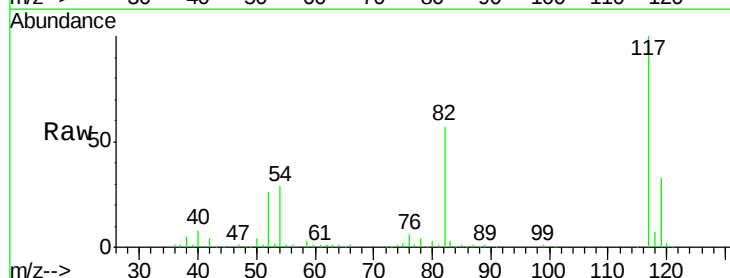
Tgt Ion: 117 Resp: 859627

Ion Ratio Lower Upper

117 100

82 57.4 49.0 73.6

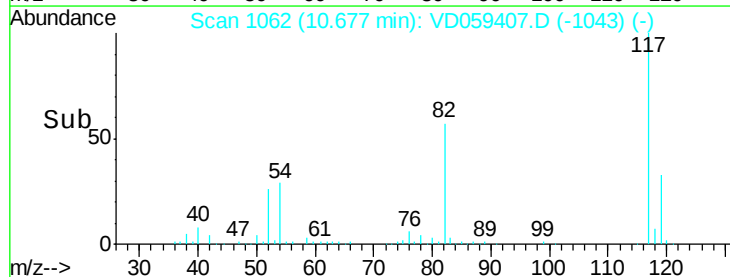
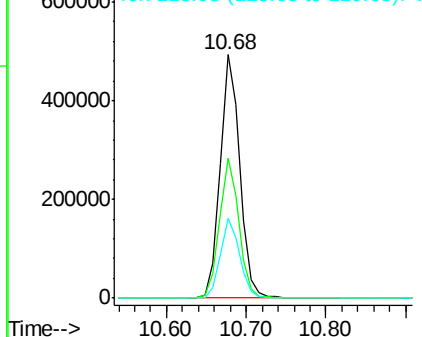
119 32.8 26.2 39.4

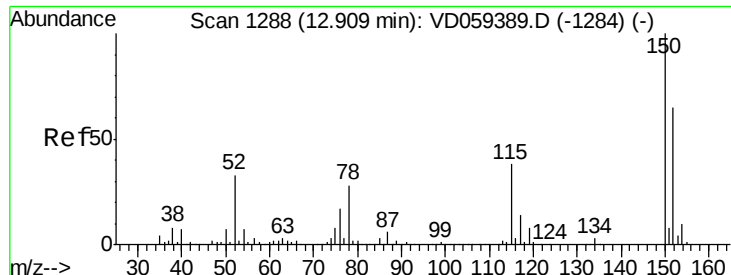


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





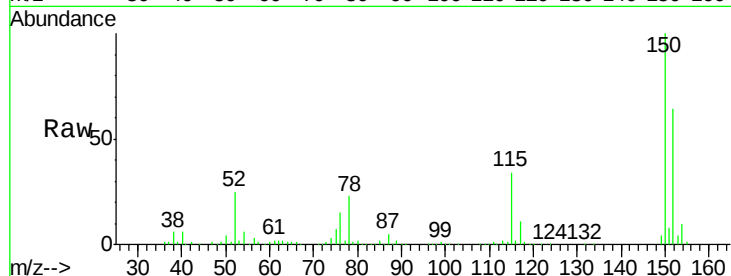
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059407.D
 Acq: 25 Jun 2018 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0484-180620RE

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		464241		
115	53.8	29.4	88.3		
150	156.6	0.0	308.2		

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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

