

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059423.D
 Acq On : 26 Jun 2018 14:16
 Operator : VA/AP
 Sample : J3706-01RE
 Misc : 8.26g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1-5RE

Quant Time: Jun 26 14:59:40 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

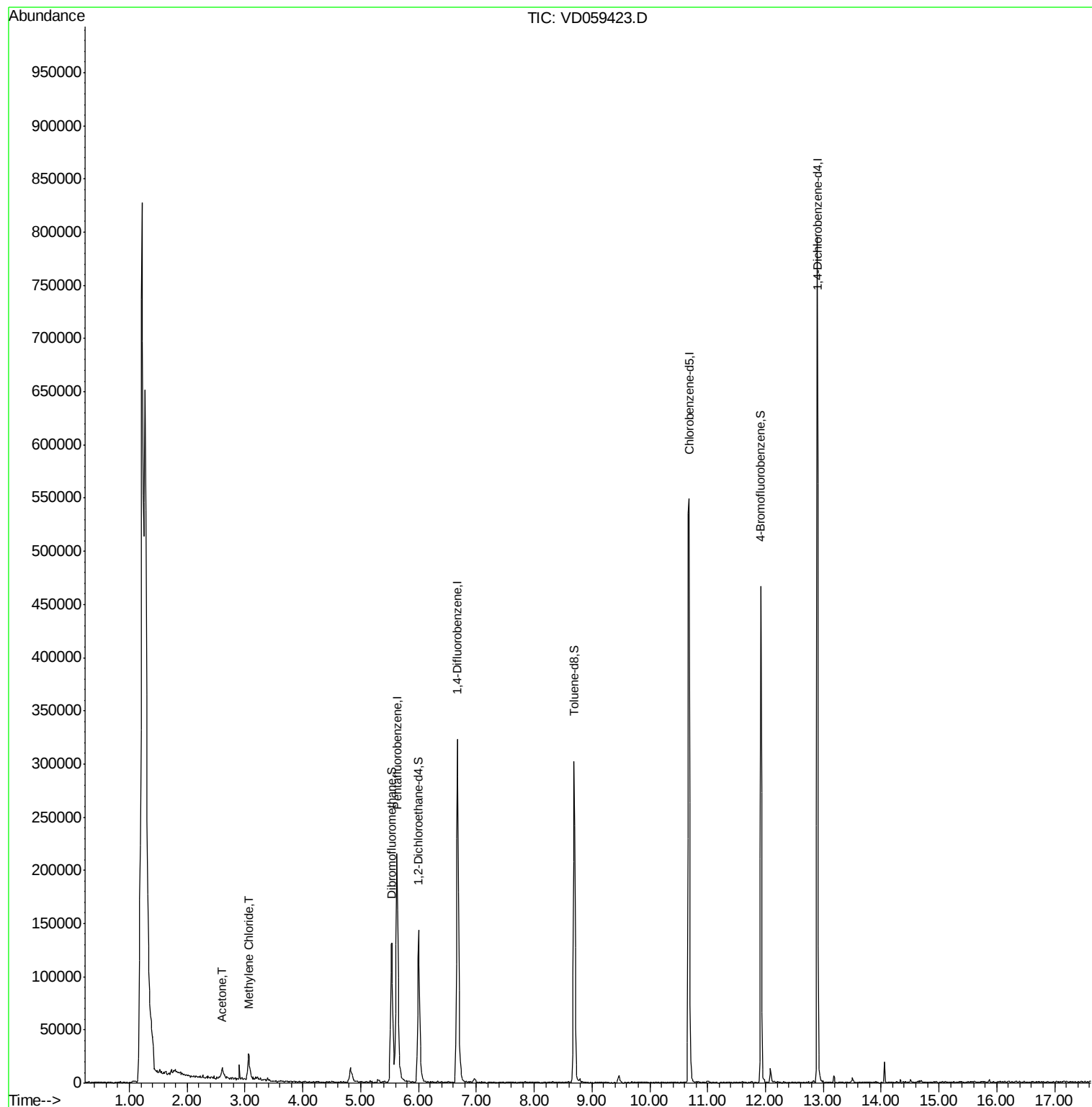
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220463	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	332401	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	314868	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	176658	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	139606	61.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.84%	
35) Dibromofluoromethane	5.54	113	110231	40.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.42%	
50) Toluene-d8	8.69	98	229432	36.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.50%	
62) 4-Bromofluorobenzene	11.92	95	114224	43.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.78%	
Target Compounds						
16) Acetone	2.61	43	21353	75.04	ug/l #	82
18) Methyl Acetate	2.93	43	953	Below Cal	#	66
20) Methylene Chloride	3.06	84	12852	14.52	ug/l #	89
31) Cyclohexane	5.63	56	5062	Below Cal	#	30

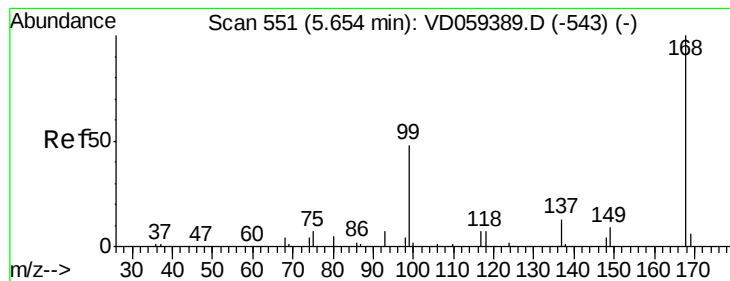
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059423.D

Acq: 26 Jun 2018 14:16

Instrument :

MSVOA_D

ClientSampleId :

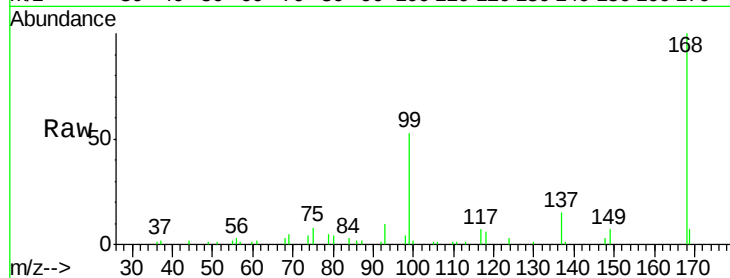
RO-1-5RE

Tot Ion:168 Resp: 220463

Ion Ratio Lower Upper

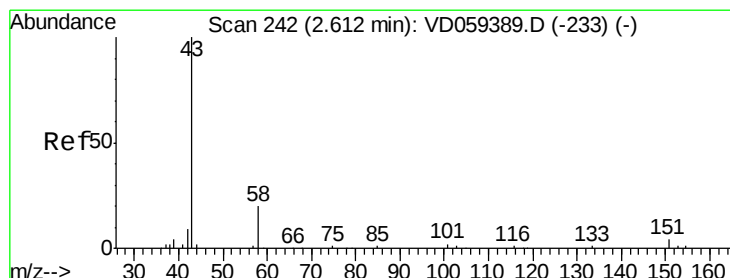
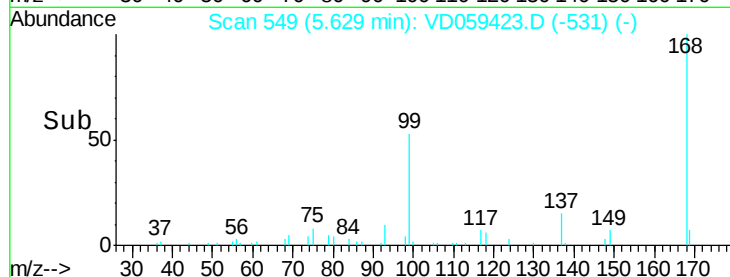
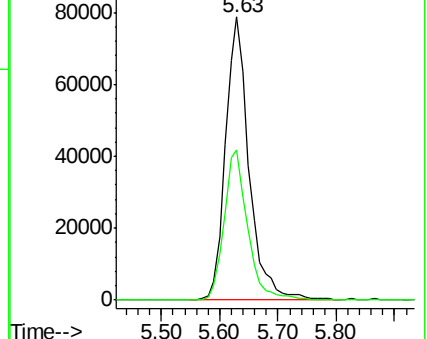
168 100

99 53.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 75.04 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059423.D

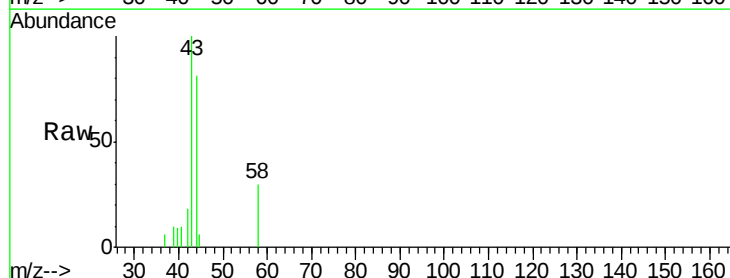
Acq: 26 Jun 2018 14:16

Tgt Ion: 43 Resp: 21353

Ion Ratio Lower Upper

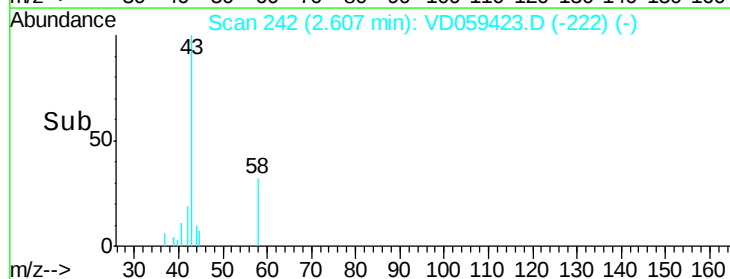
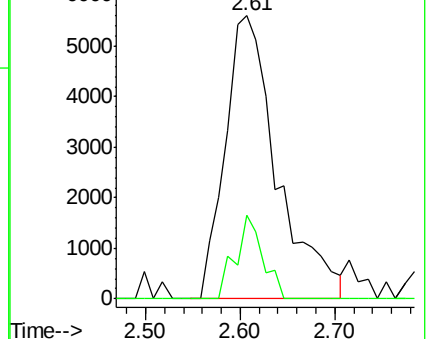
43 100

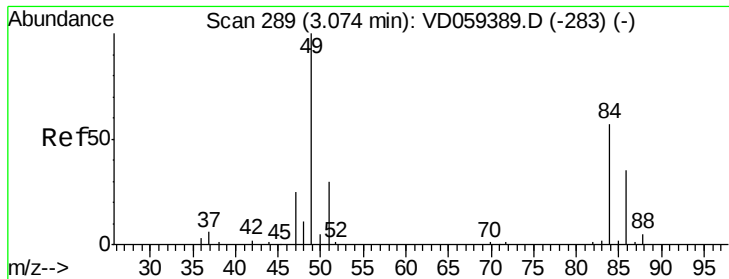
58 29.6 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

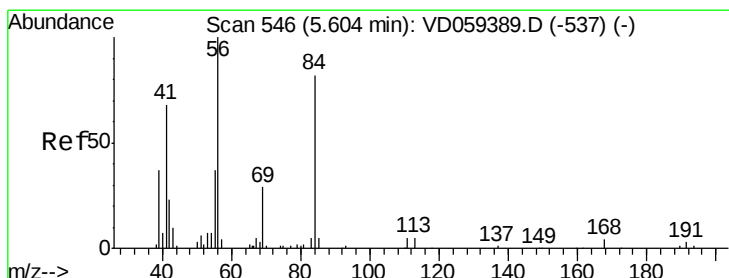
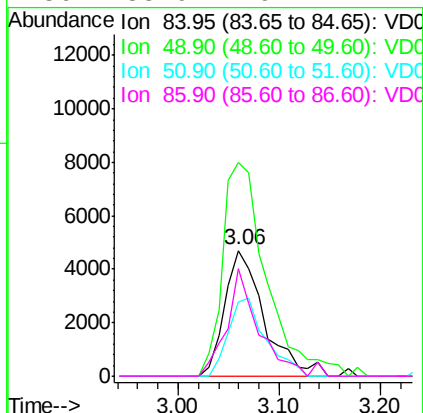
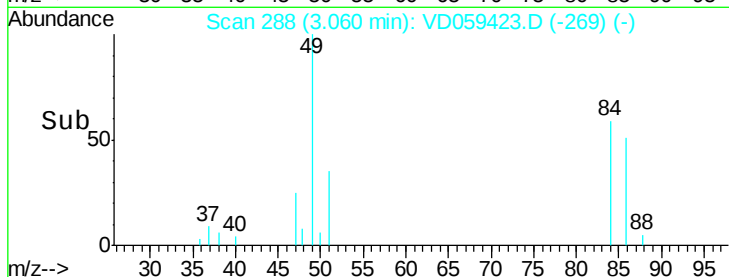
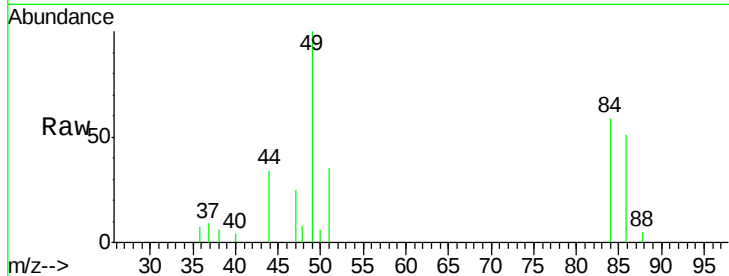




#20
Methvlene Chloride
Concen: 14.52 ua/l
RT: 3.06 min Scan# 288
Delta R.T. -0.01 min
Lab File: VD059423.D
Acq: 26 Jun 2018 14:16

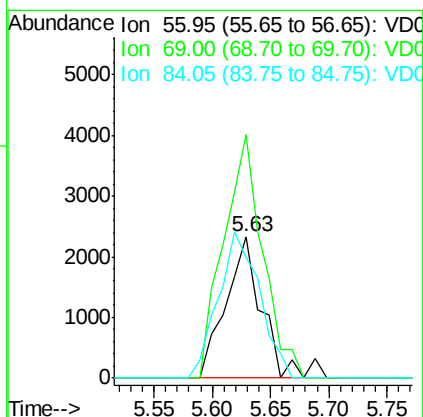
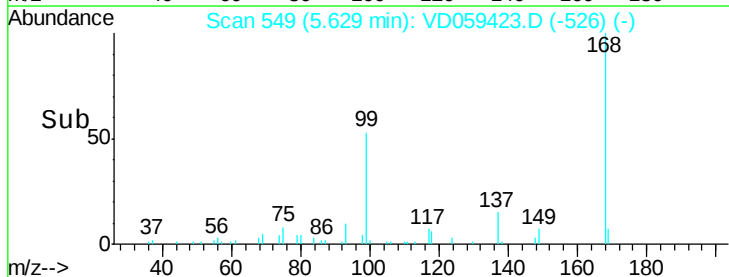
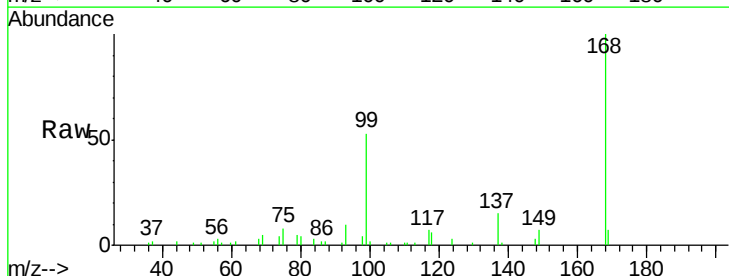
Instrument :
MSVOA_D
ClientSampleId :
RO-1-5RE

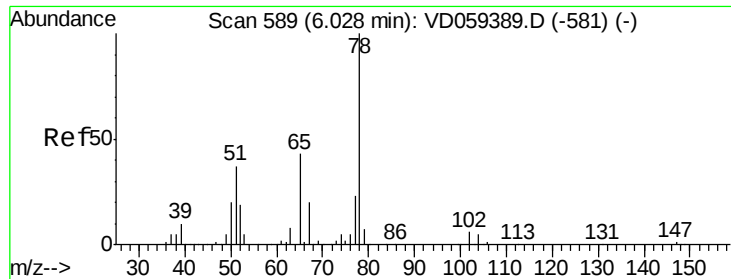
Tot Ion: 84 Resp: 12852
Ion Ratio Lower Upper
84 100
49 169.9 140.3 210.5
51 59.1 41.6 62.4
86 85.9 49.4 74.2#



#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 549
Delta R.T. 0.03 min
Lab File: VD059423.D
Acq: 26 Jun 2018 14:16

Tgt Ion: 56 Resp: 5062
Ion Ratio Lower Upper
56 100
69 172.3 22.9 34.3#
84 85.8 67.3 100.9

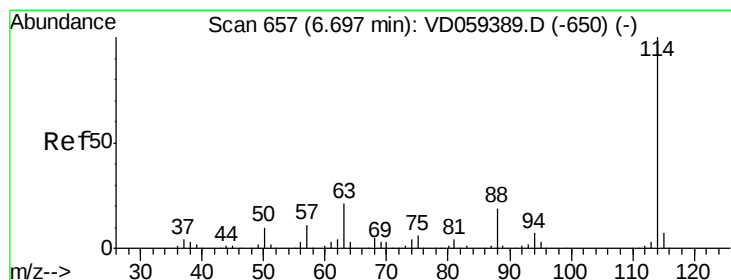
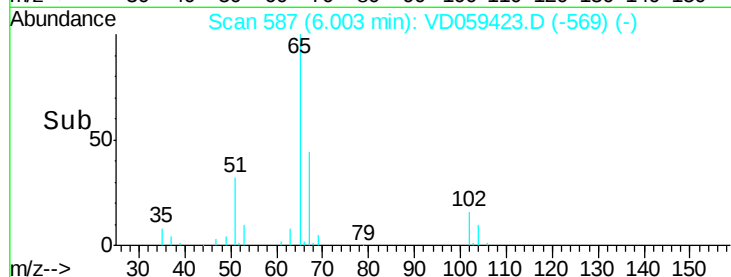
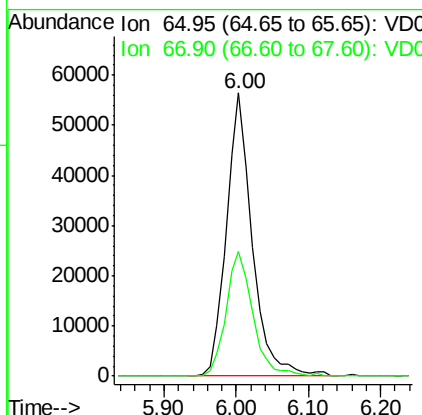
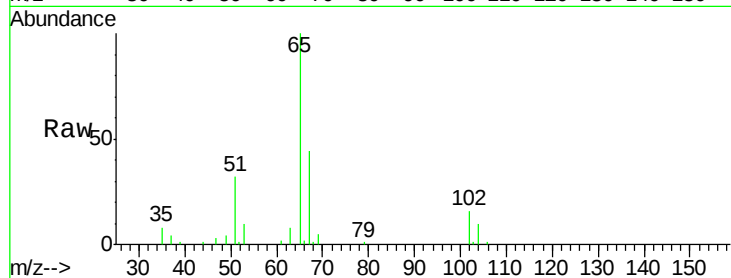




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD059423.D
 Acq: 26 Jun 2018 14:16

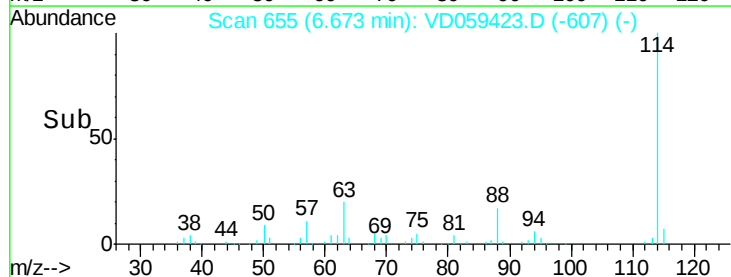
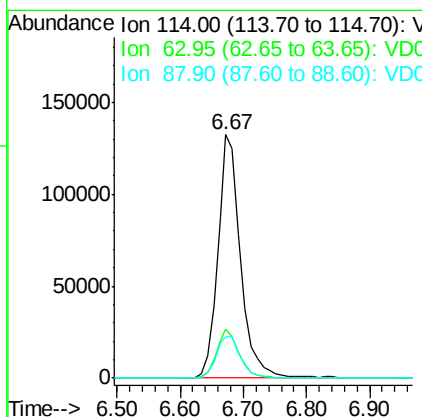
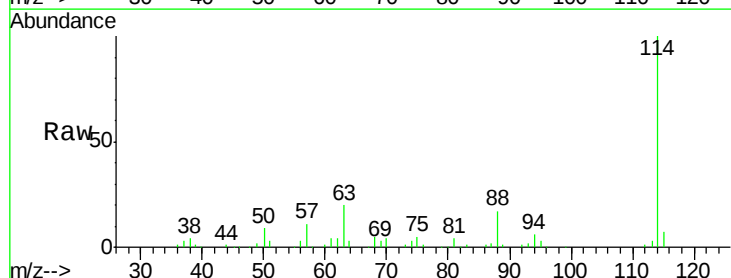
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1-5RE

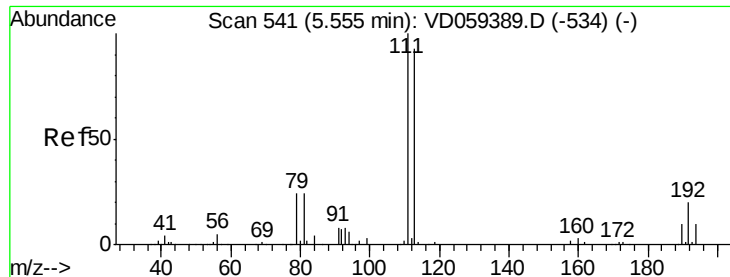
Tot Ion: 65 Resp: 139606
 Ion Ratio Lower Upper
 65 100
 67 44.2 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059423.D
 Acq: 26 Jun 2018 14:16

Tgt Ion: 114 Resp: 332401
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 17.1 0.0 38.0

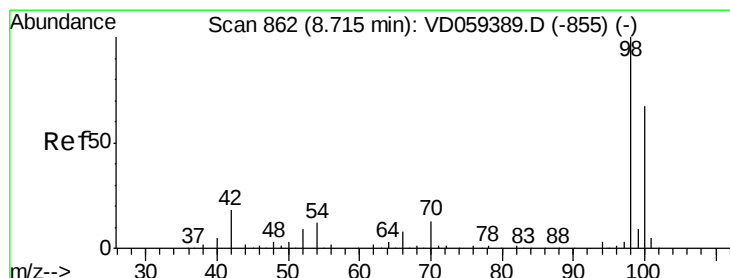
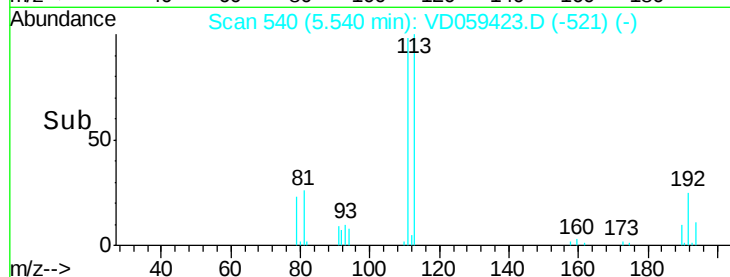
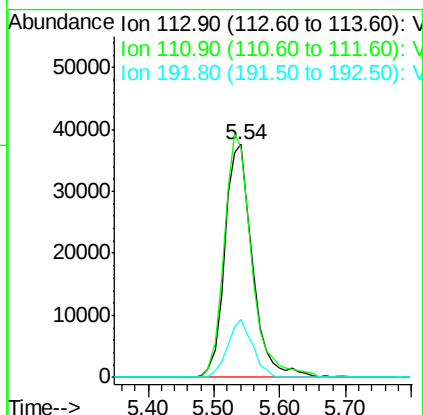
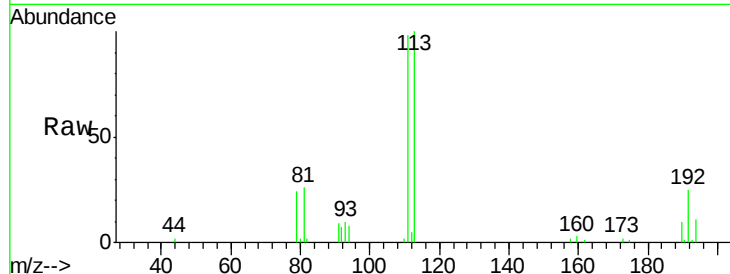




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059423.D
 Acq: 26 Jun 2018 14:16

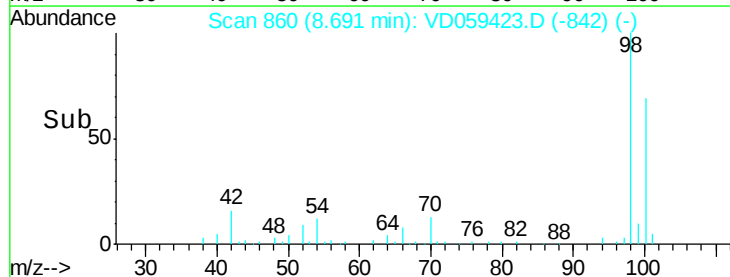
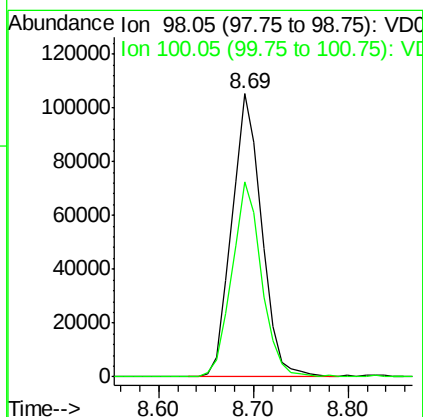
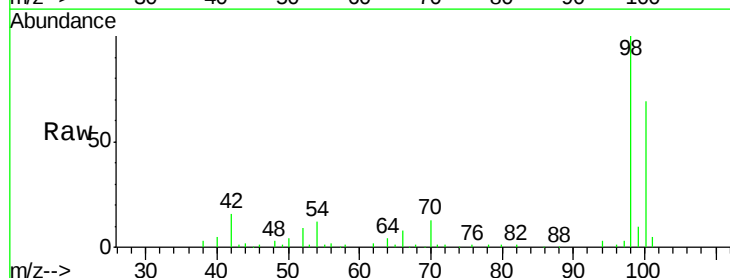
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1-5RE

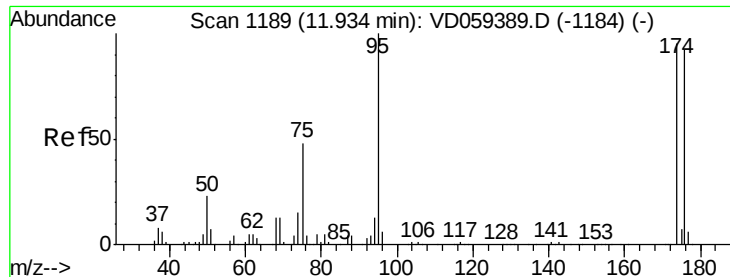
Tot Ion:113 Resp: 110231
 Ion Ratio Lower Upper
 113 100
 111 98.3 85.7 128.5
 192 25.1 16.9 25.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD059423.D
 Acq: 26 Jun 2018 14:16

Tgt Ion: 98 Resp: 229432
 Ion Ratio Lower Upper
 98 100
 100 68.9 54.4 81.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059423.D

Acq: 26 Jun 2018 14:16

Instrument :

MSVOA_D

ClientSampleId :

RO-1-5RE

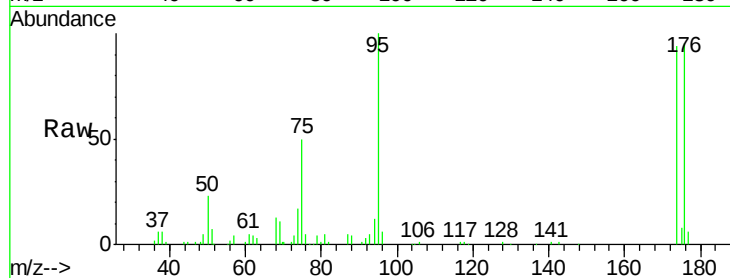
Tot Ion: 95 Resp: 114224

Ion Ratio Lower Upper

95 100

174 93.6 0.0 190.4

176 94.5 0.0 183.2



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

120000

100000

80000

60000

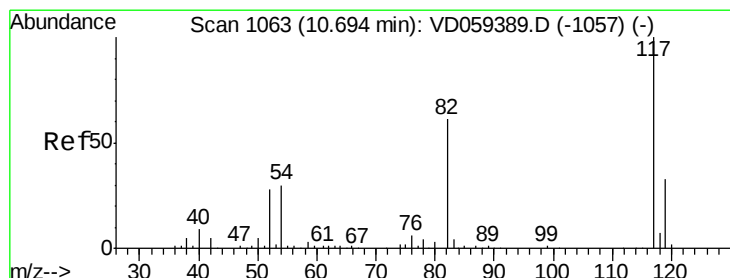
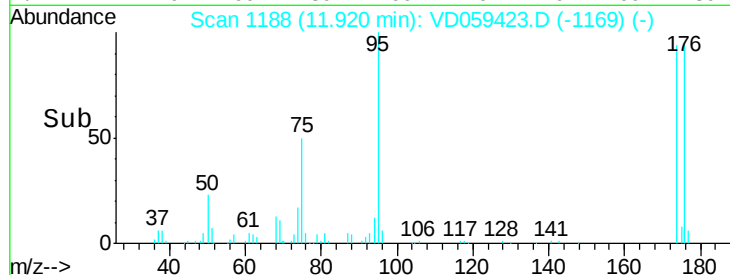
40000

20000

0

11.92

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059423.D

Acq: 26 Jun 2018 14:16

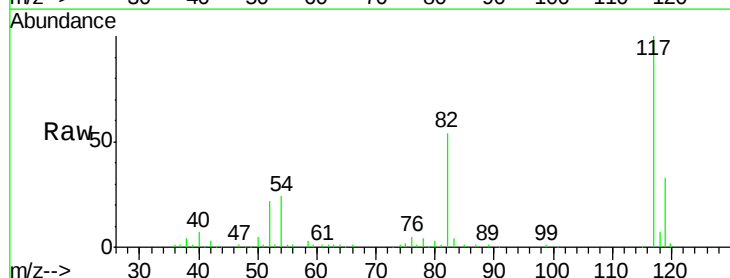
Tgt Ion: 117 Resp: 314868

Ion Ratio Lower Upper

117 100

82 54.1 49.0 73.6

119 33.0 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

250000

200000

150000

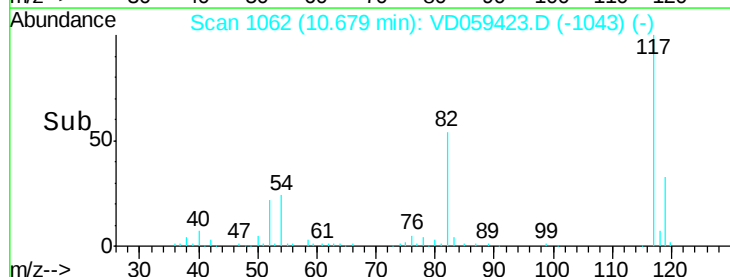
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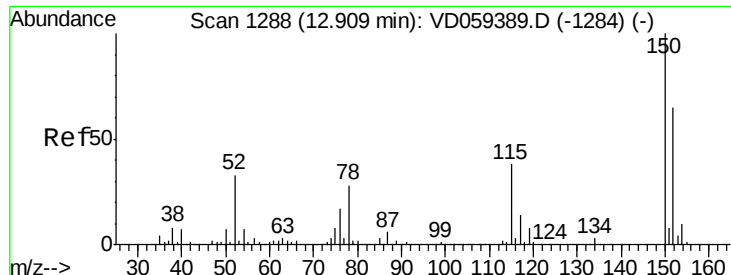
50000

0

10.68

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VD059423.D

Acq: 26 Jun 2018 14:16

Instrument :

MSVOA_D

ClientSampleId :

RO-1-5RE

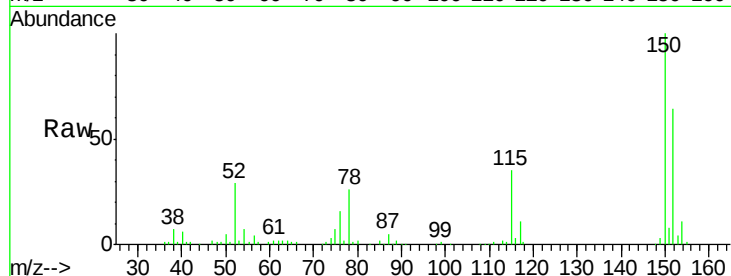
Tot Ion:152 Resp: 176658

Ion Ratio Lower Upper

152 100

115 54.5 29.4 88.3

150 156.4 0.0 308.2



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

