

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059424.D
 Acq On : 26 Jun 2018 15:27
 Operator : VA/AP
 Sample : J3240-05
 Misc : 7.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-062218

Quant Time: Jun 27 15:20:34 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

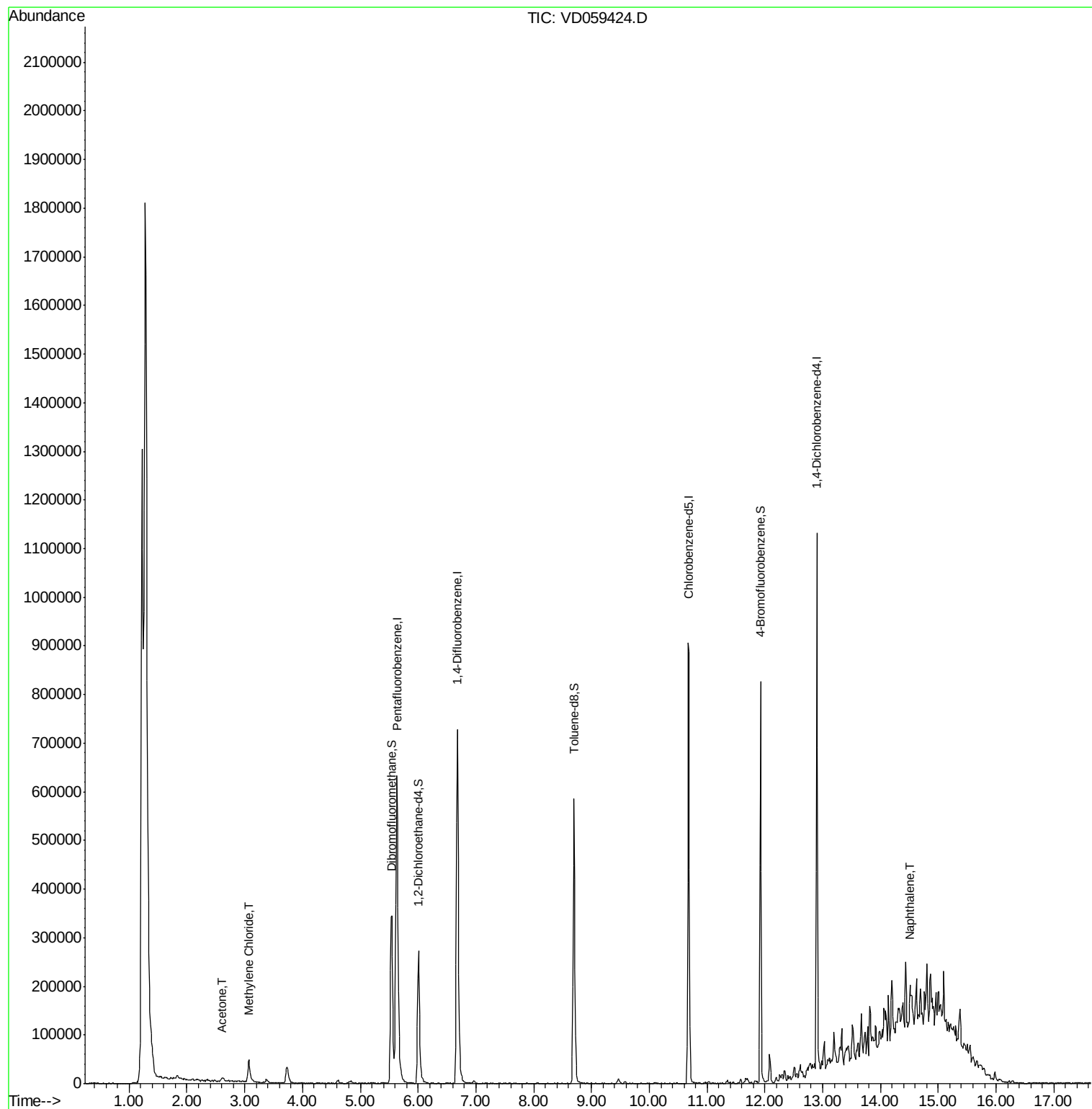
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	665850	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	792576	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	529615	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	228896	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	276688	40.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.26%	
35) Dibromofluoromethane	5.53	113	290248	44.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.92%	
50) Toluene-d8	8.69	98	448033	29.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.38%	
62) 4-Bromofluorobenzene	11.92	95	208131	33.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.30%	
Target Compounds						
16) Acetone	2.61	43	18099	21.06	ug/l #	88
20) Methylene Chloride	3.06	84	21426	6.84	ug/l	85
95) Naphthalene	14.51	128	22830	3.12	ug/l #	87

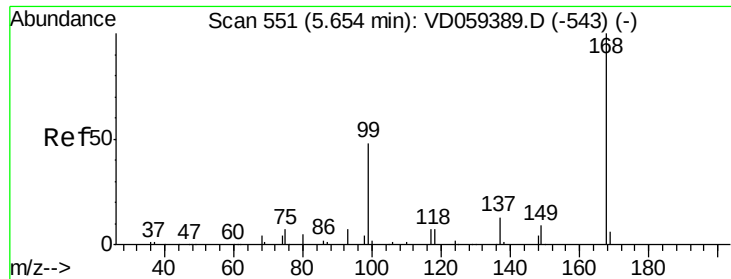
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062618\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

Instrument :

MSVOA_D

ClientSampleId :

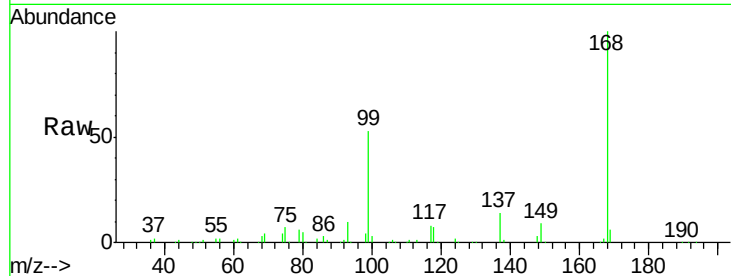
BU-02-062218

Tot Ion:168 Resp: 665850

Ion Ratio Lower Upper

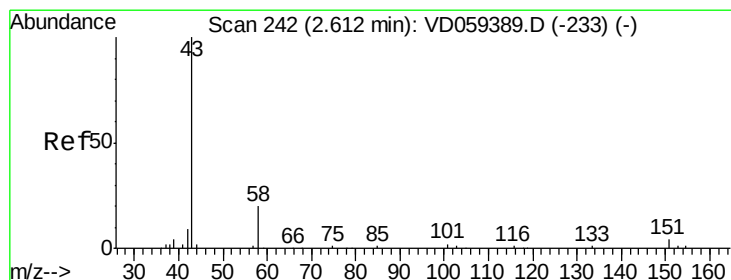
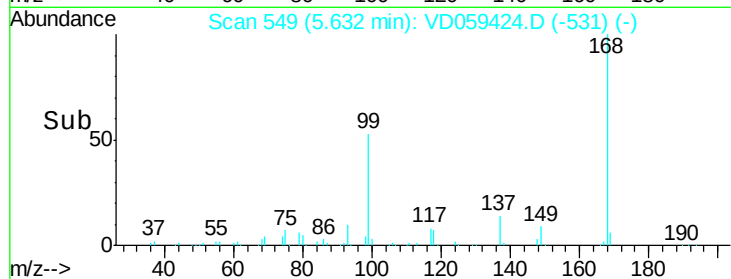
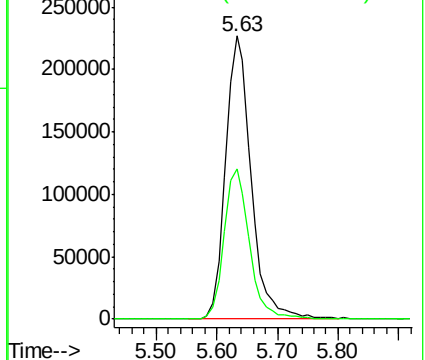
168 100

99 53.1 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: 21.06 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059424.D

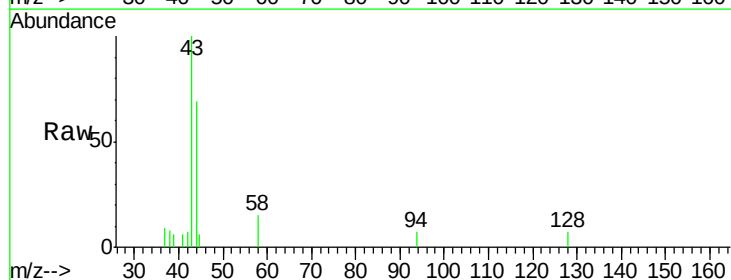
Acq: 26 Jun 2018 15:27

Tgt Ion: 43 Resp: 18099

Ion Ratio Lower Upper

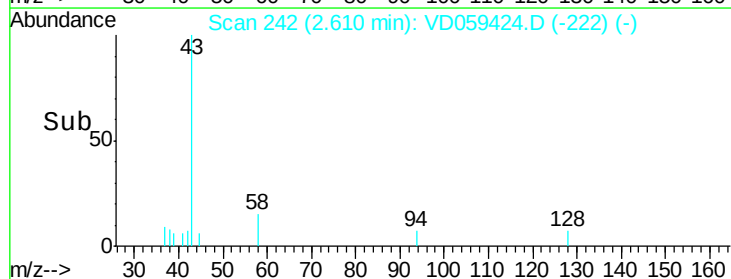
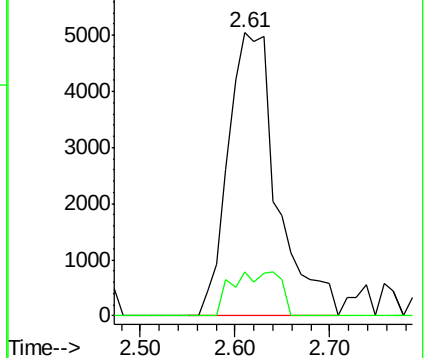
43 100

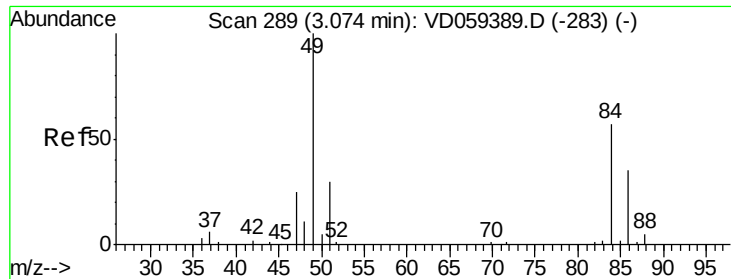
58 15.3 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

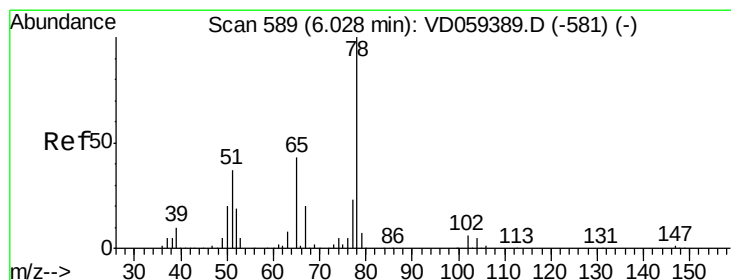
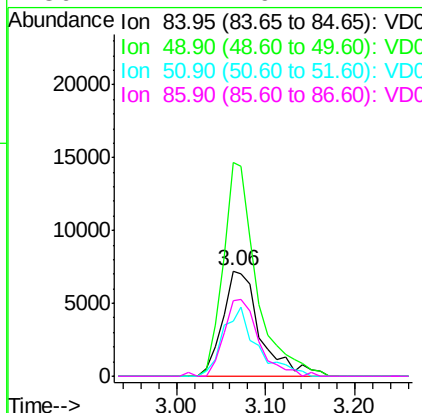
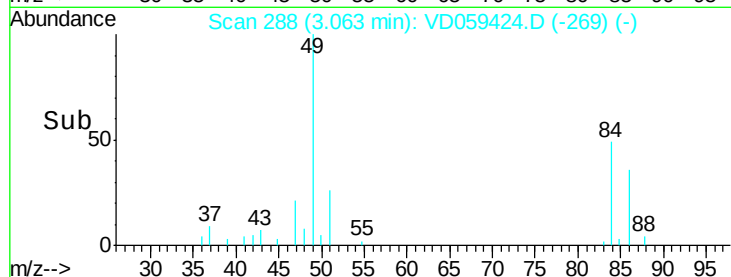
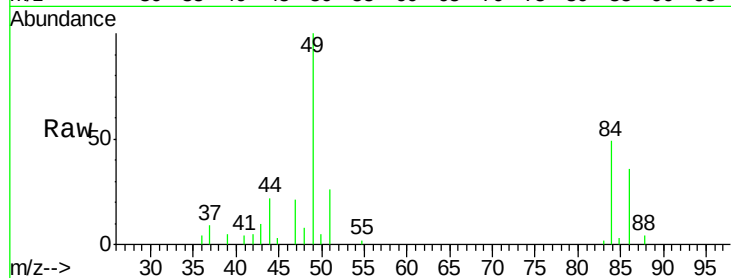




#20
Methylene Chloride
Concen: 6.84 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.01 min
Lab File: VD059424.D
Acq: 26 Jun 2018 15:27

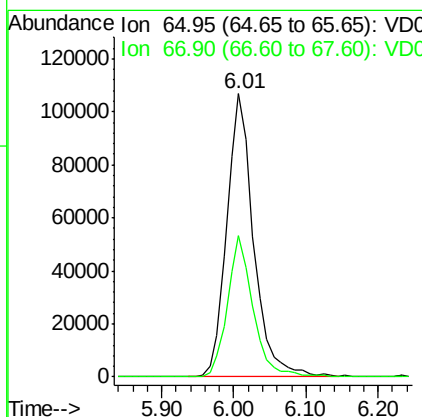
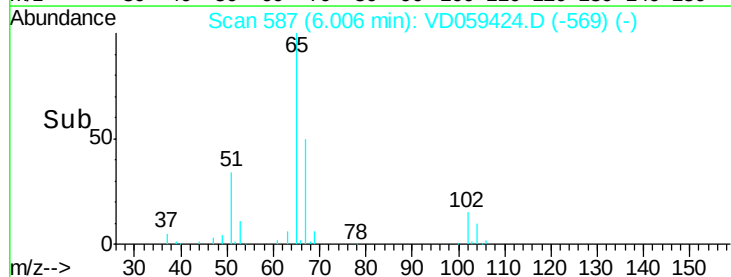
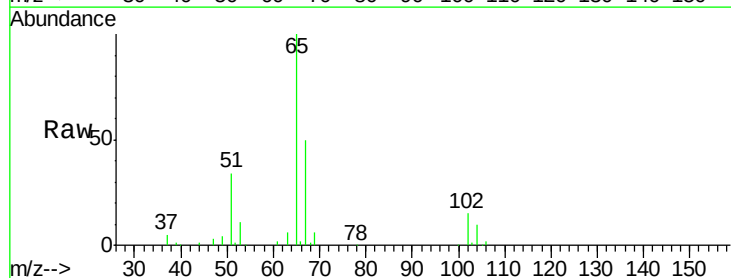
Instrument :
MSVOA_D
ClientSampleId :
BU-02-062218

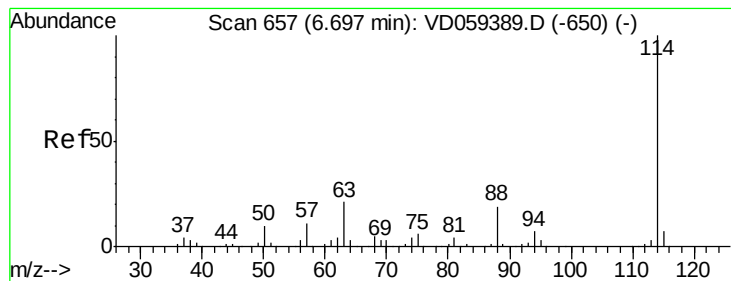
Tot Ion:	84	Resp:	21426
Ion	Ratio	Lower	Upper
84	100		
49	203.2	140.3	210.5
51	52.6	41.6	62.4
86	72.2	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059424.D
Acq: 26 Jun 2018 15:27

Tgt Ion:	65	Resp:	276688
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	93.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

Instrument :

MSVOA_D

ClientSampleId :

BU-02-062218

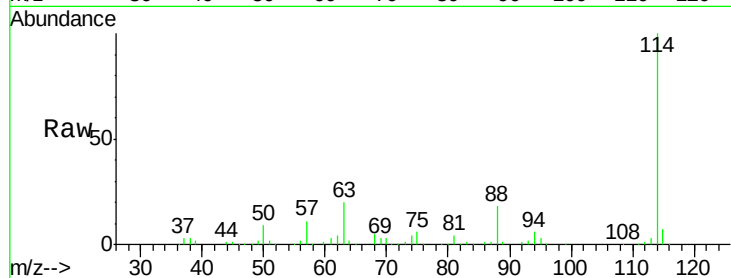
Tot Ion:114 Resp: 792576

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

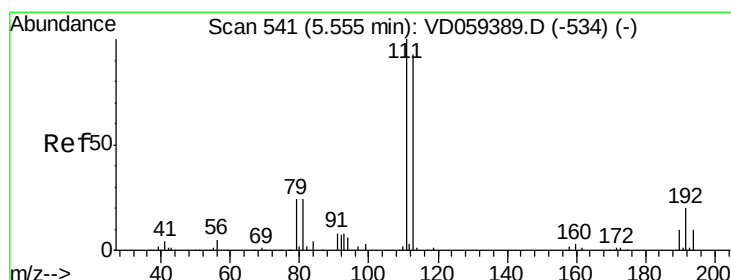
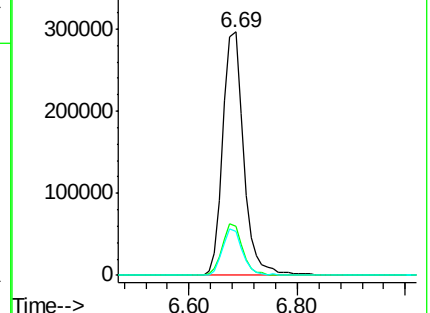
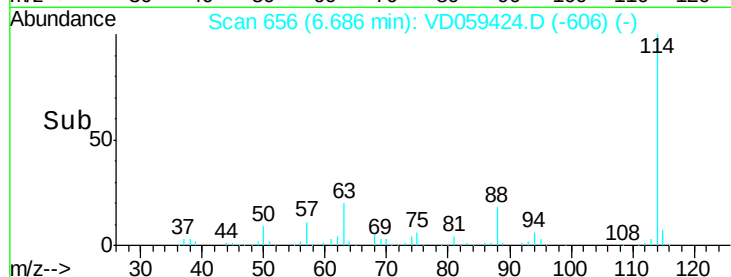
88 18.1 0.0 38.0



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: 5.53 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

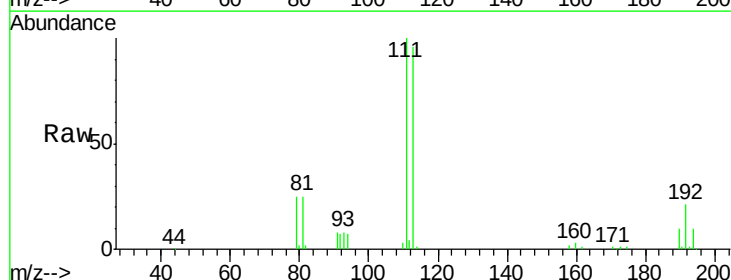
Tgt Ion:113 Resp: 290248

Ion Ratio Lower Upper

113 100

111 103.8 85.7 128.5

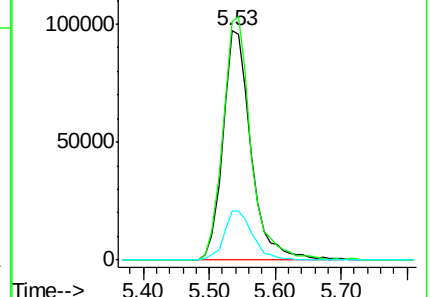
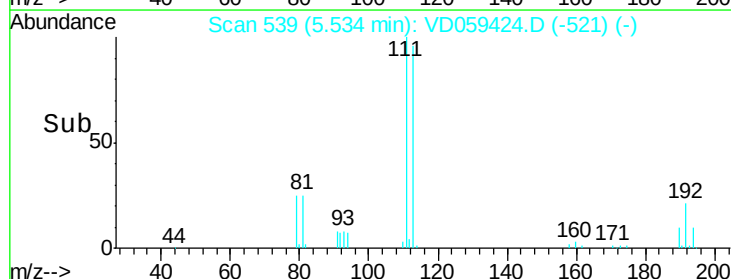
192 21.6 16.9 25.3

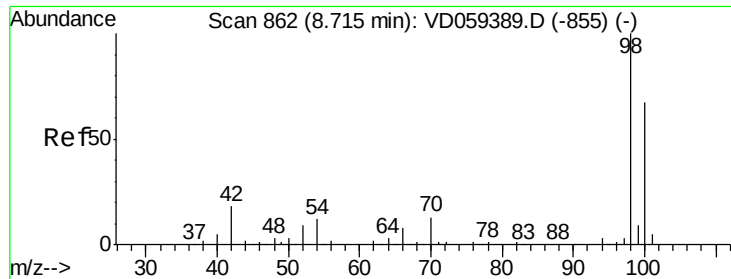


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

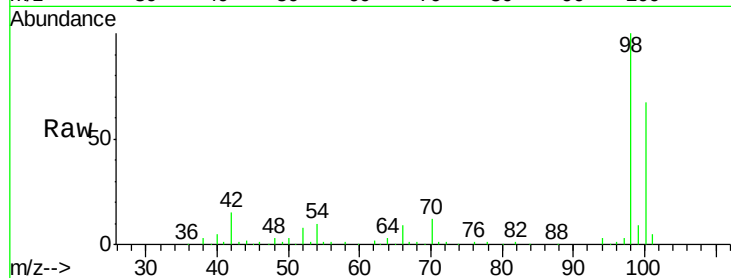




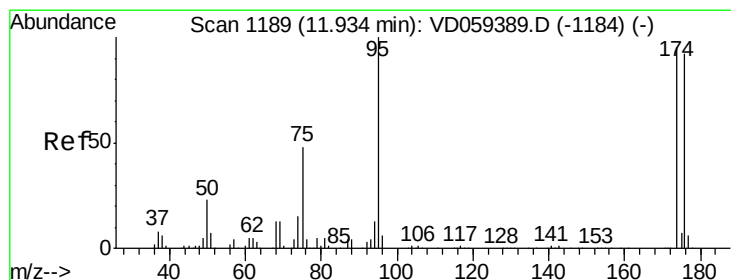
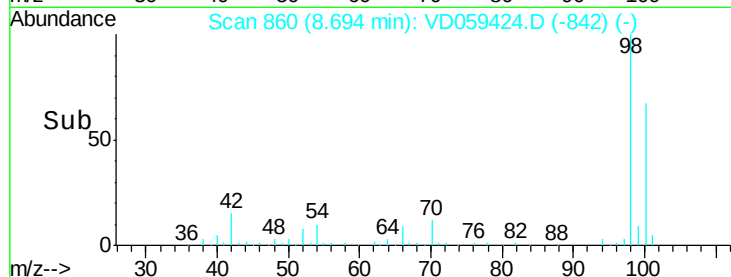
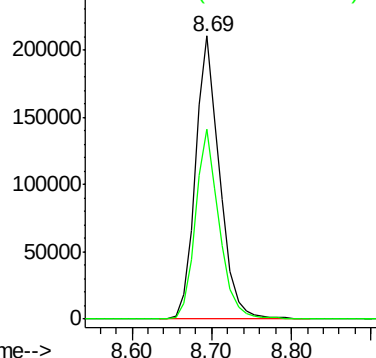
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059424.D
Acq: 26 Jun 2018 15:27

Instrument :
MSVOA_D
ClientSampleId :
BU-02-062218

Tot Ion: 98 Resp: 448033
Ion Ratio Lower Upper
98 100
100 67.2 54.4 81.6

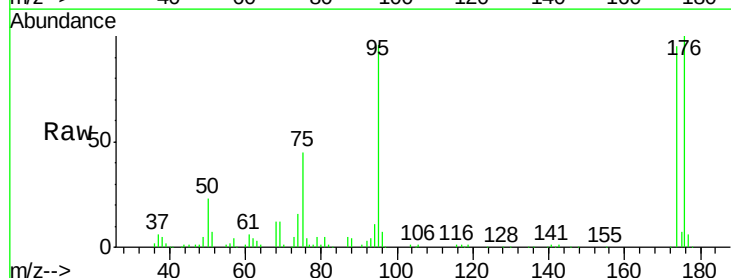


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

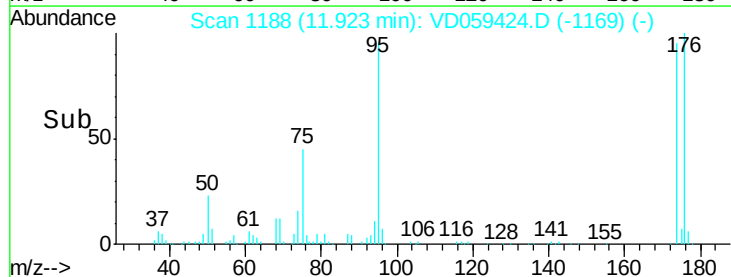
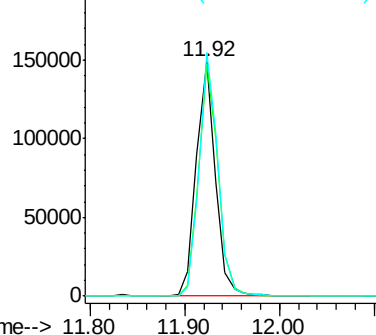


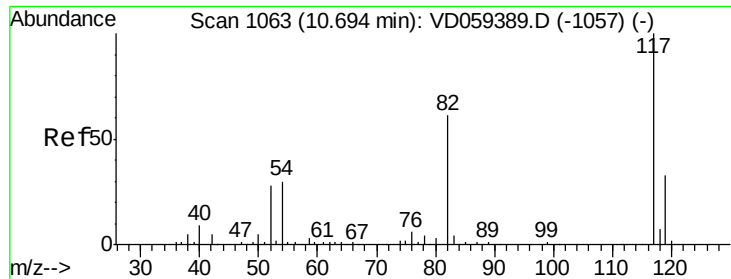
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059424.D
Acq: 26 Jun 2018 15:27

Tgt Ion: 95 Resp: 208131
Ion Ratio Lower Upper
95 100
174 99.0 0.0 190.4
176 103.8 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

Instrument :

MSVOA_D

ClientSampleId :

BU-02-062218

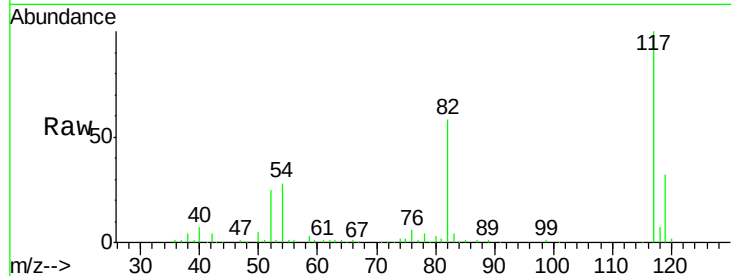
Tot Ion:117 Resp: 529615

Ion Ratio Lower Upper

117 100

82 58.0 49.0 73.6

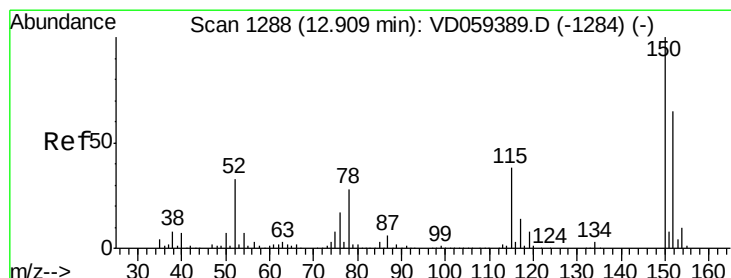
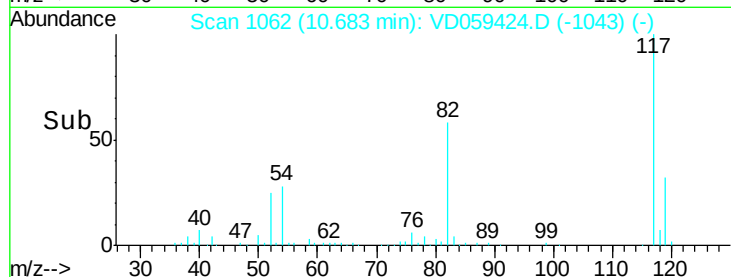
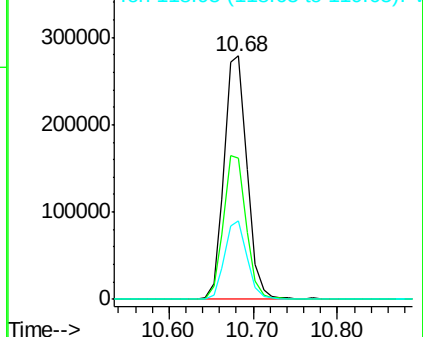
119 32.5 26.2 39.4



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: 50.00 ug/l

RT: 12.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

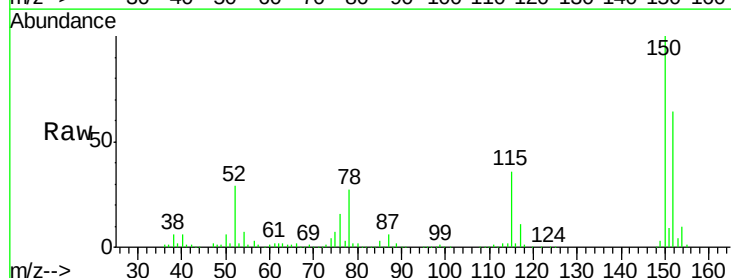
Tgt Ion:152 Resp: 228896

Ion Ratio Lower Upper

152 100

115 55.7 29.4 88.3

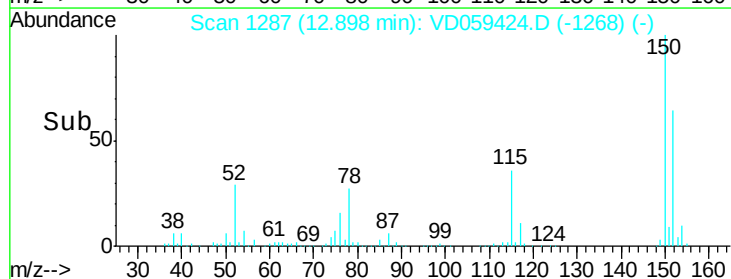
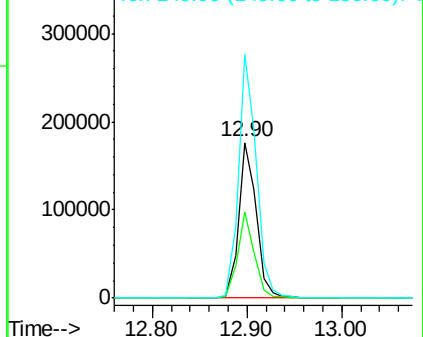
150 156.6 0.0 308.2

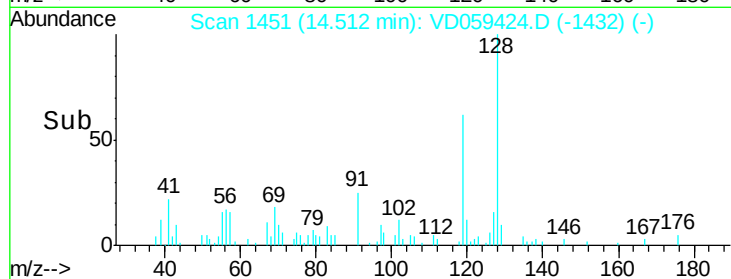
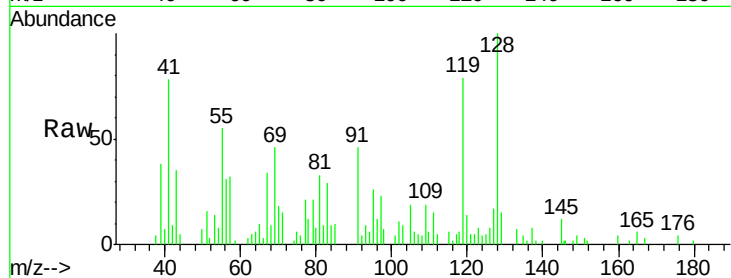
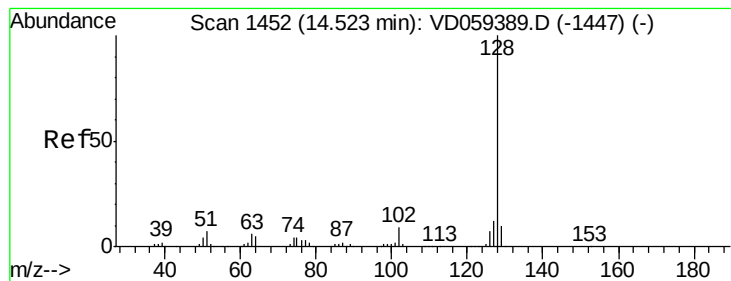


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.12 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VD059424.D

Acq: 26 Jun 2018 15:27

Instrument :

MSVOA_D

ClientSampleId :

BU-02-062218

Tot Ion:128 Resp: 22830

Ion Ratio Lower Upper

128 100

127 17.1 9.6 14.4#

129 15.1 8.2 12.2#

