

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059472.D
 Acq On : 28 Jun 2018 19:42
 Operator : VA/AP
 Sample : J3677-03
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 93-95-B2(0-2.5)

Quant Time: Jun 29 02:10:17 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	5.65	168	651220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	799264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	651406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	309284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	260652	39.14	ug/l	0.00
Spiked Amount			Recovery	=	78.28%	
35) Dibromofluoromethane	5.55	113	289134	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
50) Toluene-d8	8.71	98	553608	36.38	ug/l	0.00
Spiked Amount			Recovery	=	72.76%	
62) 4-Bromofluorobenzene	11.94	95	231974	36.64	ug/l	0.00
Spiked Amount			Recovery	=	73.28%	

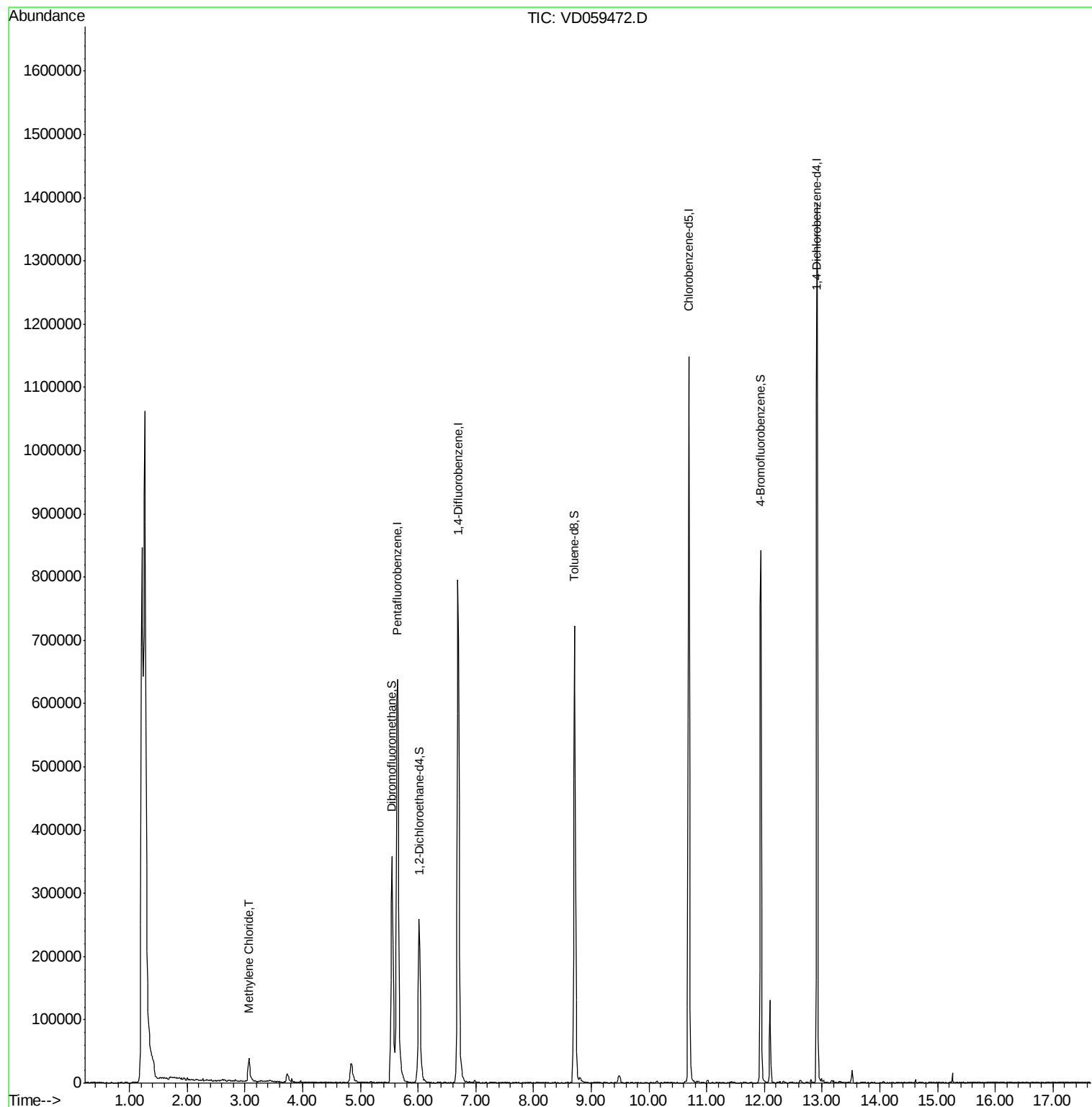
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	17567	5.31	ug/l	# 79

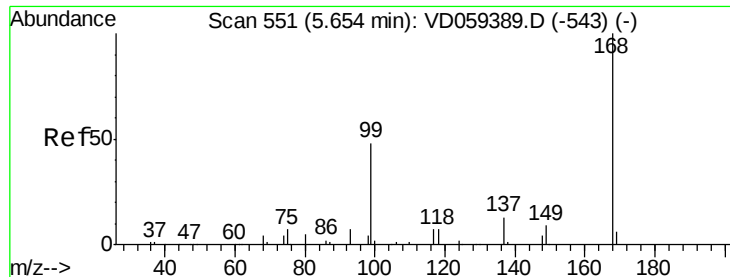
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059472.D

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Instrument :

MSVOA_D

ClientSampleId :

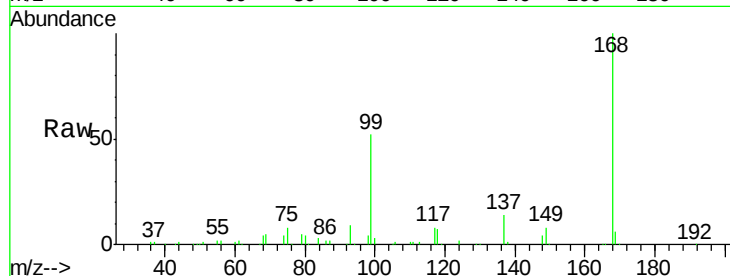
93-95-B2(0-2.5)

Tot Ion:168 Resp: 651220

Ion Ratio Lower Upper

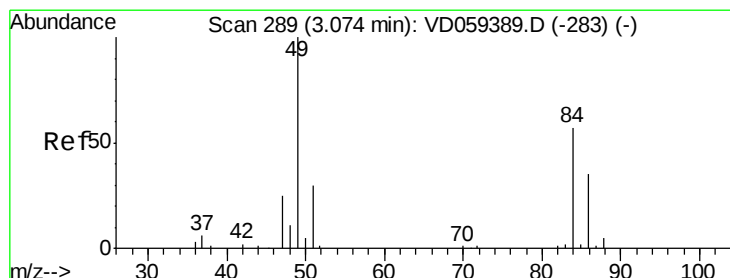
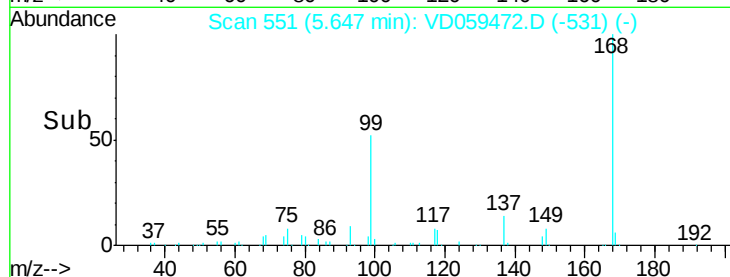
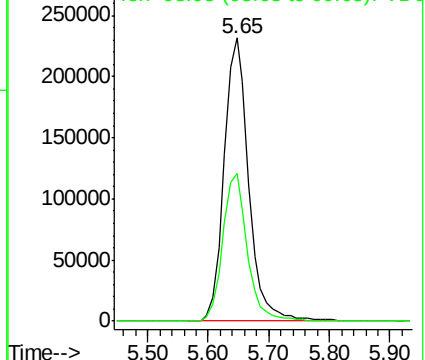
168 100

99 52.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.31 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Tgt Ion: 84 Resp: 17567

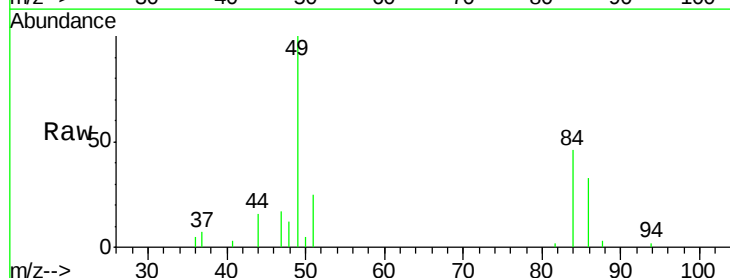
Ion Ratio Lower Upper

84 100

49 216.3 140.3 210.5#

51 54.0 41.6 62.4

86 70.4 49.4 74.2

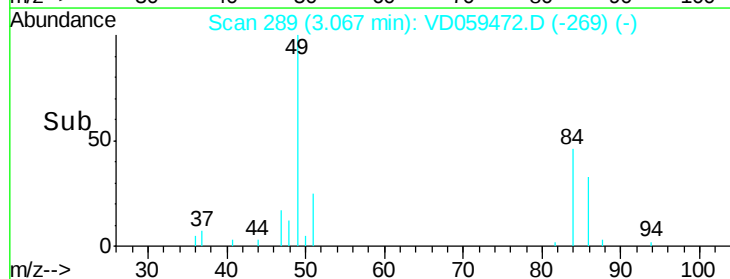
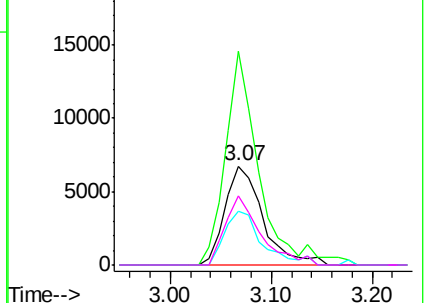


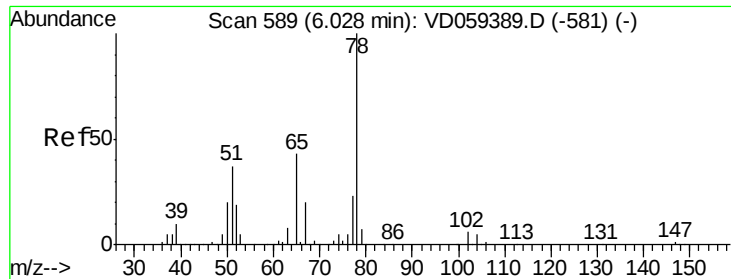
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

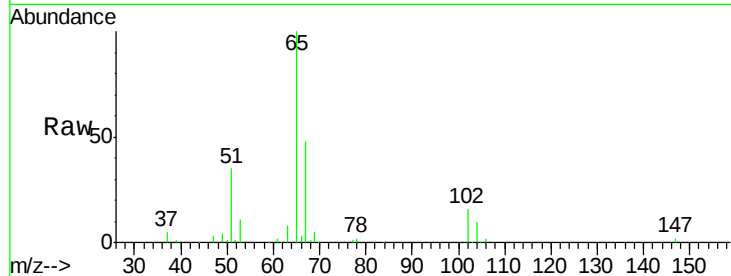
93-95-B2(0-2.5)

Tot Ion: 65 Resp: 260652

Ion Ratio Lower Upper

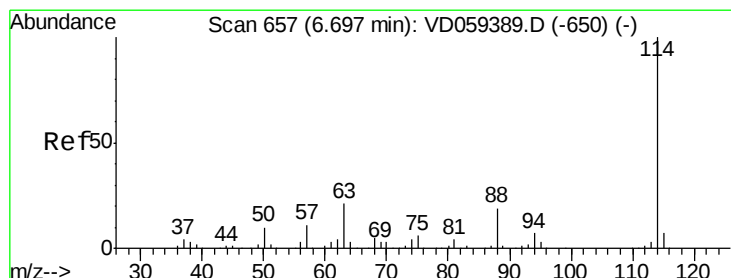
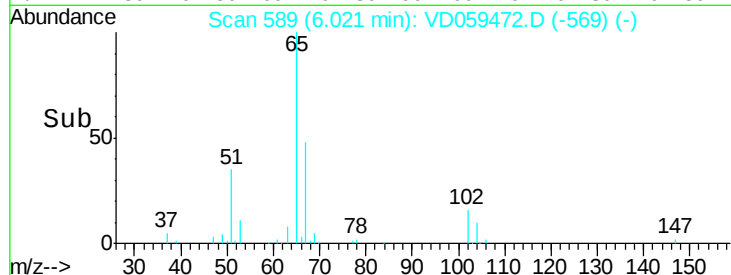
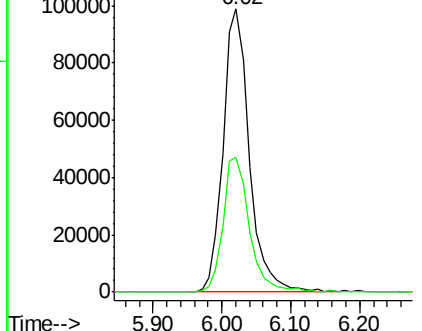
65 100

67 47.9 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: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

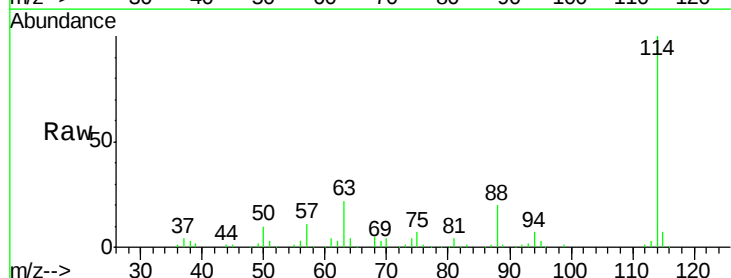
Tgt Ion: 114 Resp: 799264

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

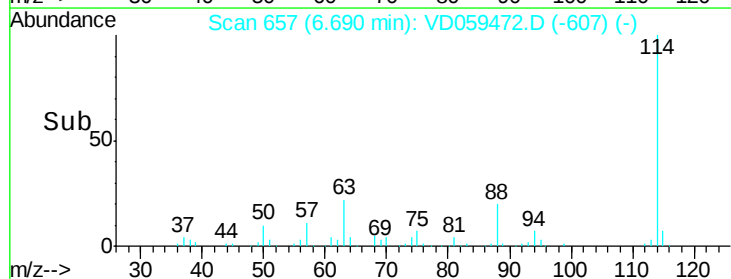
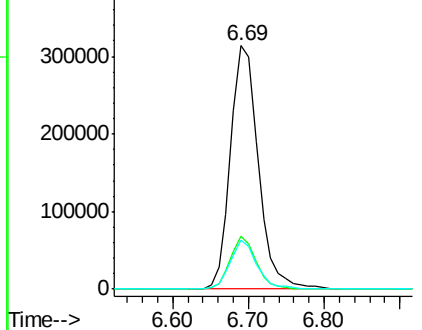
88 20.3 0.0 38.0

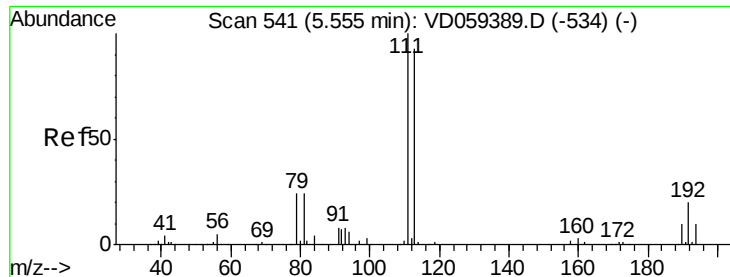


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

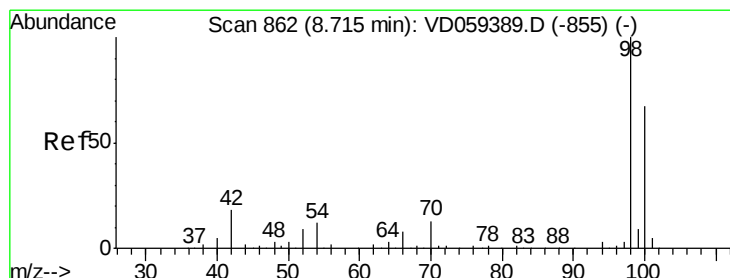
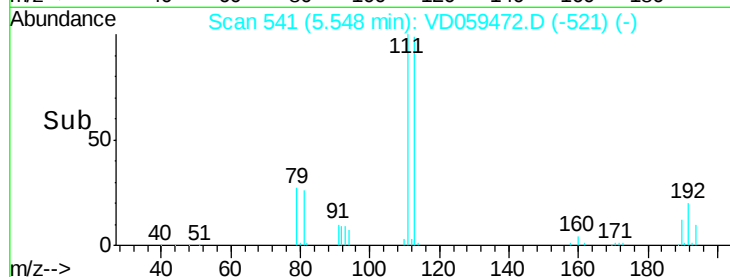
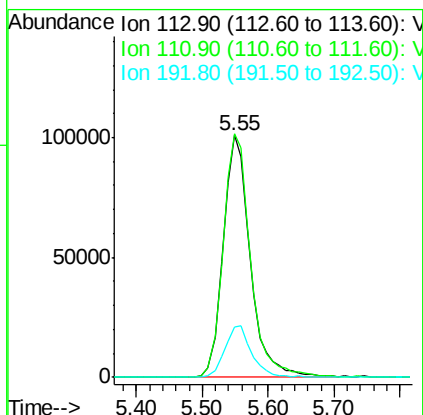
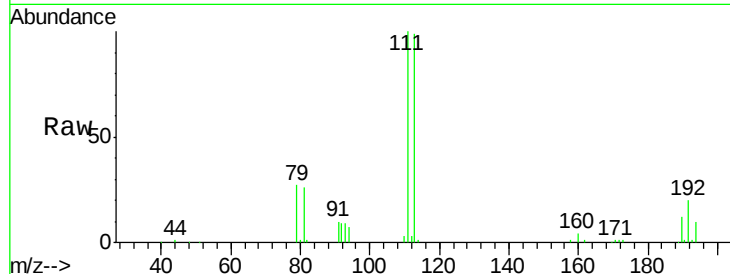




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

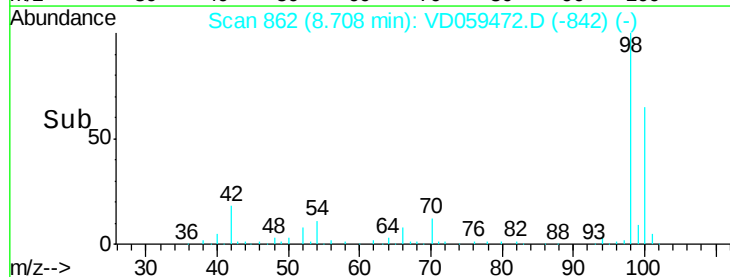
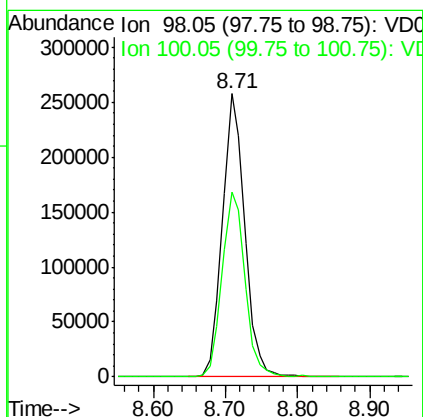
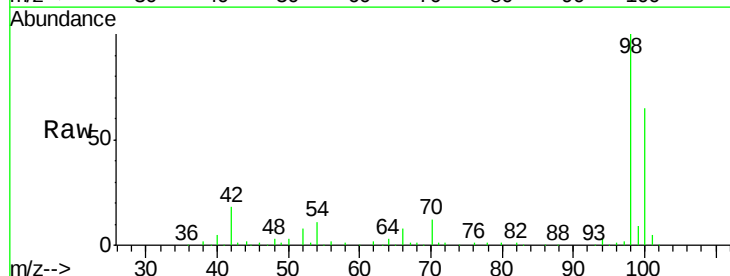
Instrument :
 MSVOA_D
 ClientSampleId :
 93-95-B2(0-2.5)

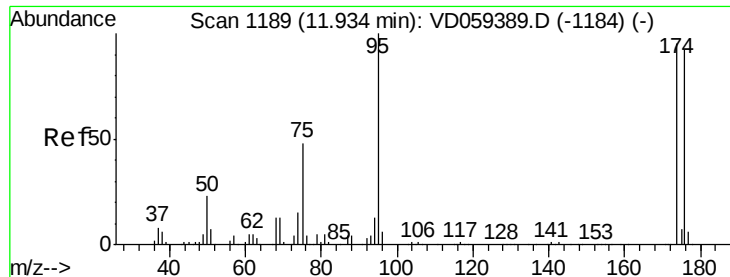
Tot Ion:113 Resp: 289134
 Ion Ratio Lower Upper
 113 100
 111 100.7 85.7 128.5
 192 20.6 16.9 25.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

Tgt Ion: 98 Resp: 553608
 Ion Ratio Lower Upper
 98 100
 100 65.4 54.4 81.6

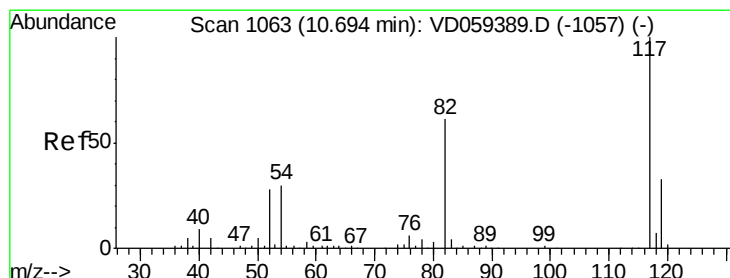
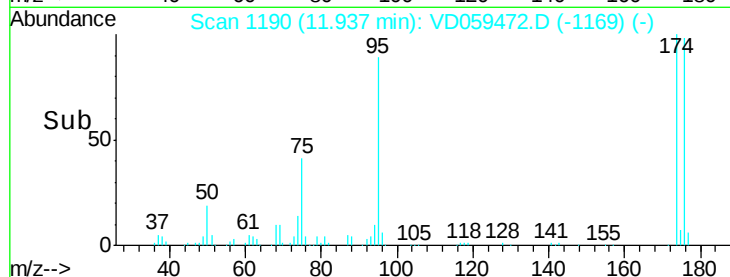
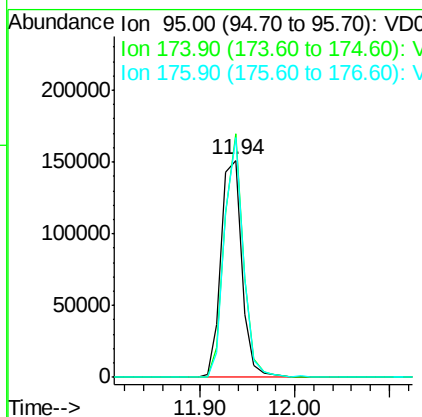
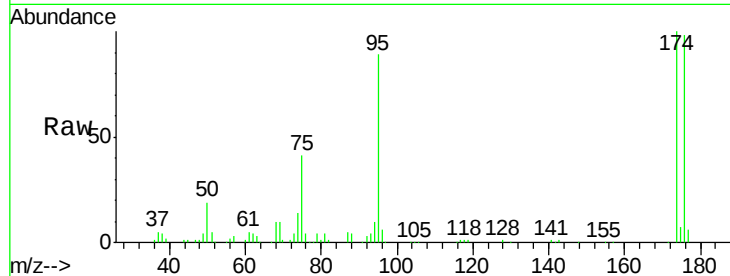




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

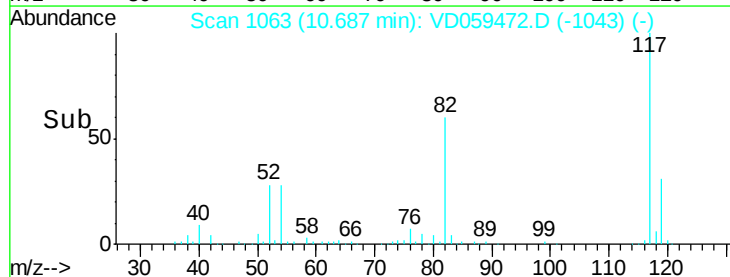
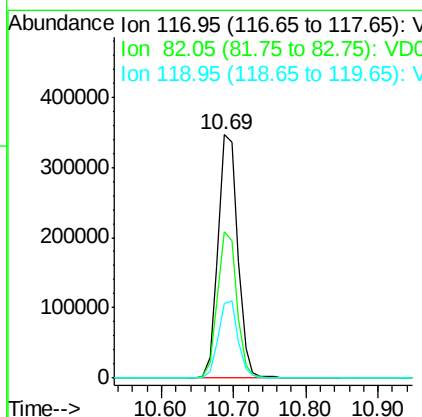
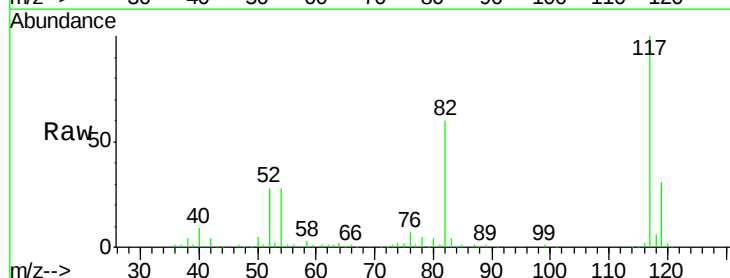
Instrument :
MSVOA_D
ClientSampleId :
93-95-B2(0-2.5)

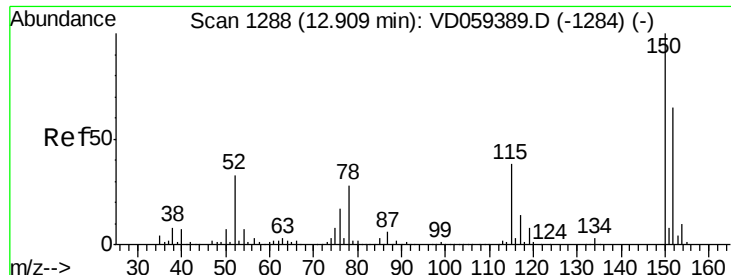
Tot Ion: 95 Resp: 231974
Ion Ratio Lower Upper
95 100
174 112.1 0.0 190.4
176 110.3 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

Tgt Ion: 117 Resp: 651406
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.6
119 30.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

93-95-B2(0-2.5)

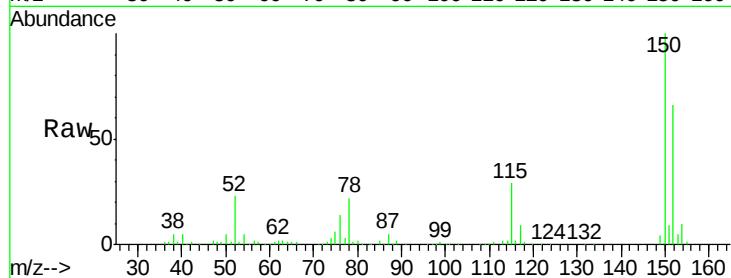
Tot Ion:152 Resp: 309284

Ion Ratio Lower Upper

152 100

115 43.3 29.4 88.3

150 151.2 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

