

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059473.D
 Acq On : 28 Jun 2018 20:10
 Operator : VA/AP
 Sample : J3677-04
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 93-95-B2(10-15)

Quant Time: Jun 29 02:12:38 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	488283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	606299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	451087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	182314	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	200617	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
35) Dibromofluoromethane	5.55	113	231311	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	419763	36.36	ug/l	0.00
Spiked Amount			Recovery	=	72.72%	
62) 4-Bromofluorobenzene	11.93	95	149389	31.11	ug/l	0.00
Spiked Amount			Recovery	=	62.22%	

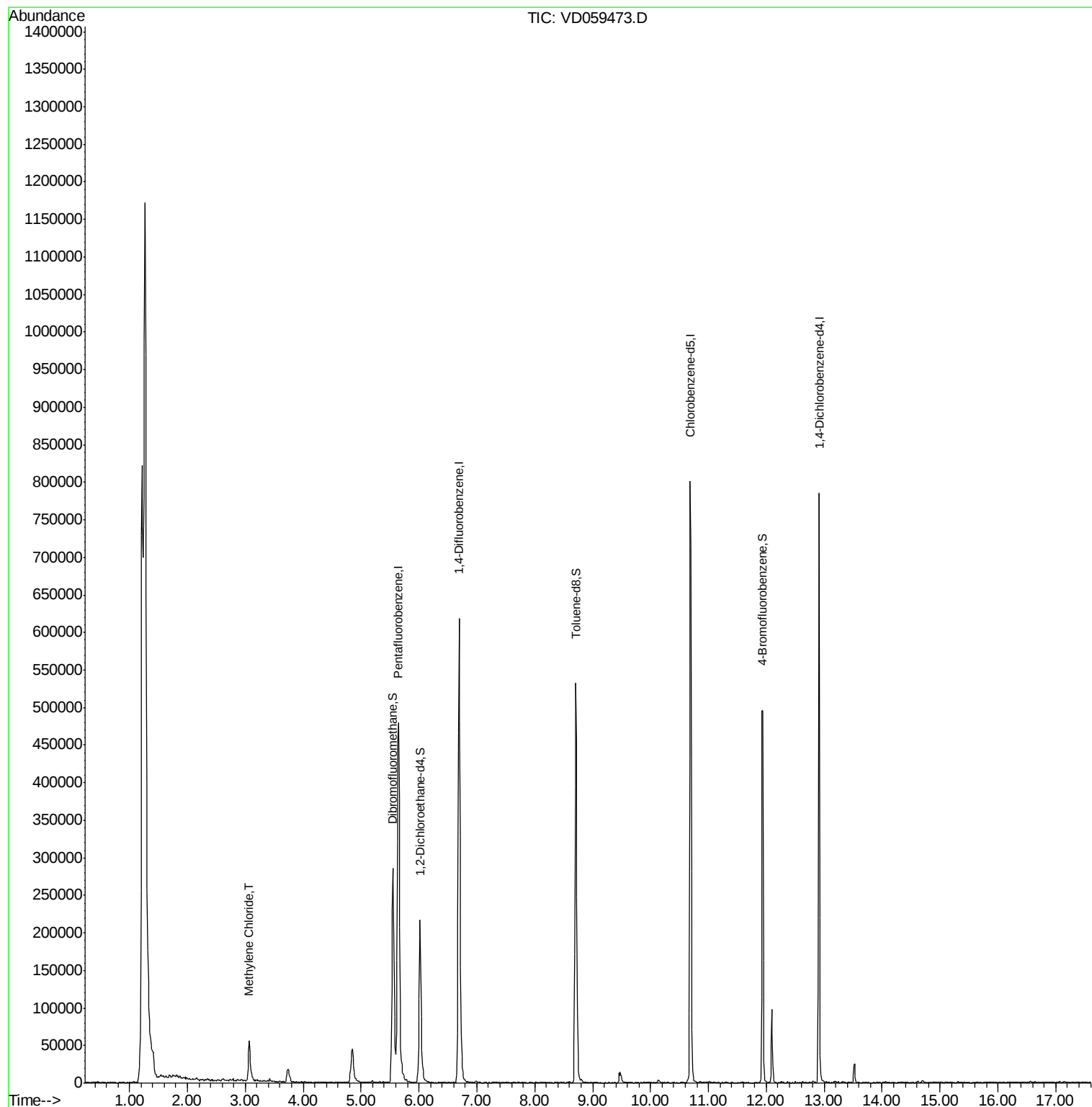
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	23041	11.25	ug/l	87

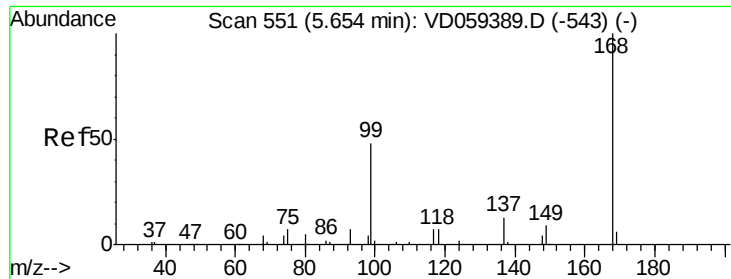
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
Data File : VD059473.D
Acq On : 28 Jun 2018 20:10
Operator : VA/AP
Sample : J3677-04
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
93-95-B2(10-15)

Quant Time: Jun 29 02:12:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

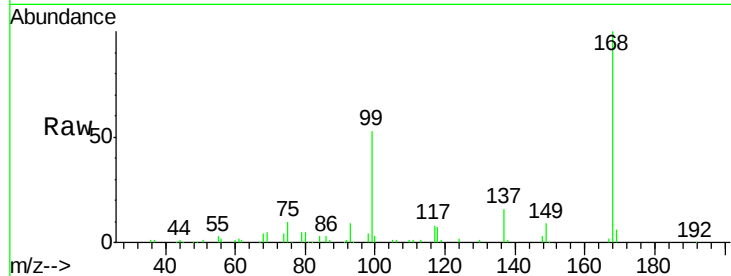
93-95-B2(10-15)

Tot Ion:168 Resp: 488283

Ion Ratio Lower Upper

168 100

99 52.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

150000

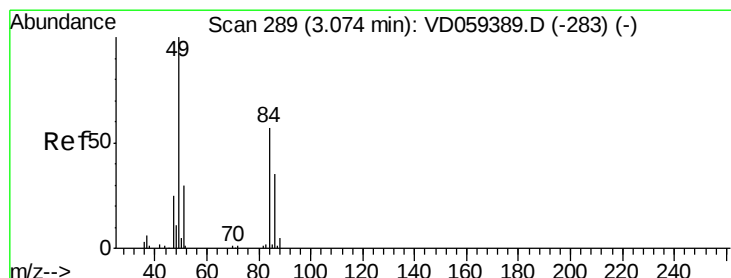
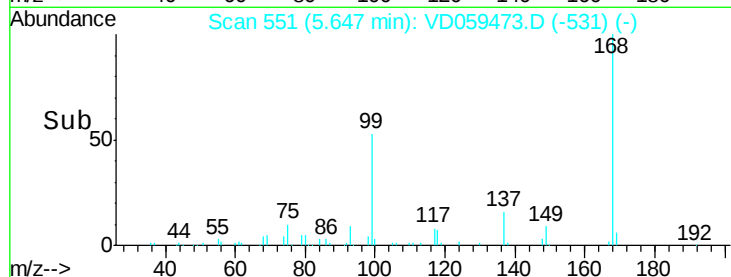
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#20

Methylene Chloride

Concen: 11.25 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Tgt Ion: 84 Resp: 23041

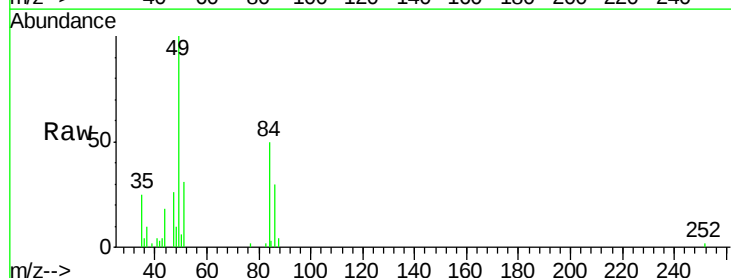
Ion Ratio Lower Upper

84 100

49 198.5 140.3 210.5

51 60.9 41.6 62.4

86 59.3 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

3.07

25000

20000

15000

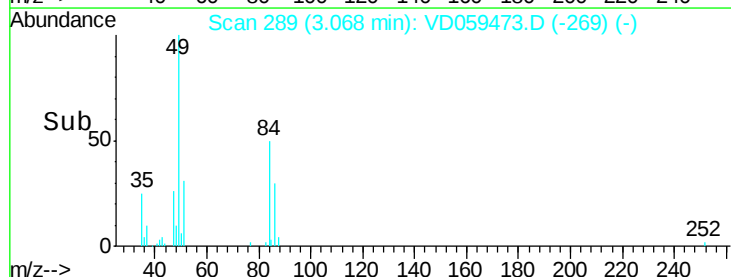
10000

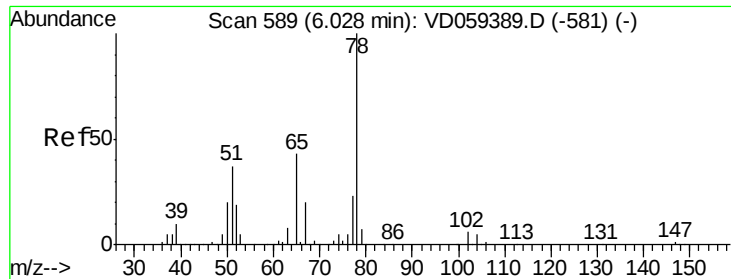
5000

0

Time-->

3.00 3.10 3.20





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

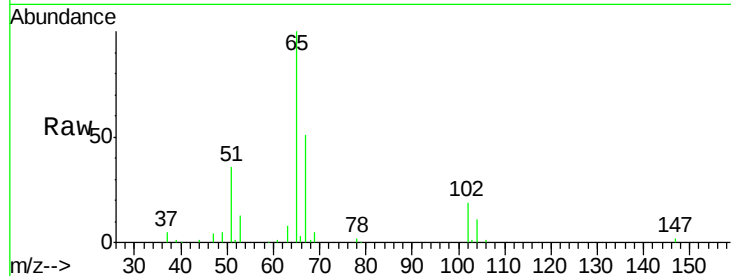
93-95-B2(10-15)

Tot Ion: 65 Resp: 200617

Ion Ratio Lower Upper

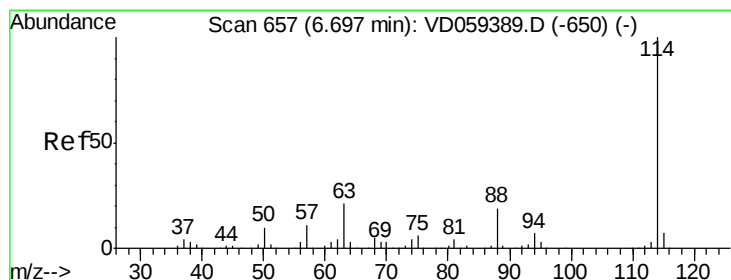
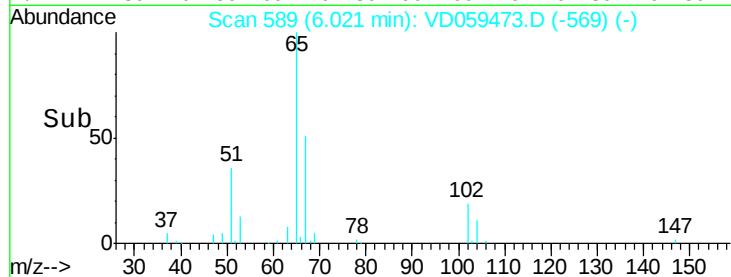
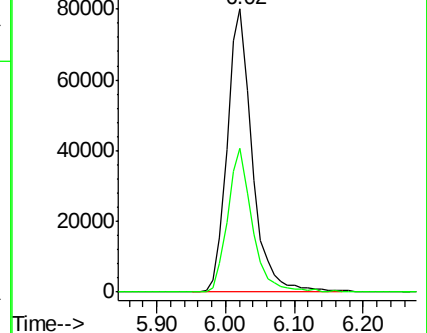
65 100

67 51.0 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: VD059473.D

Acq: 28 Jun 2018 20:10

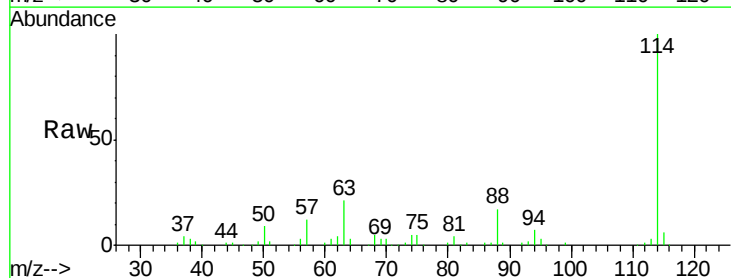
Tgt Ion: 114 Resp: 606299

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

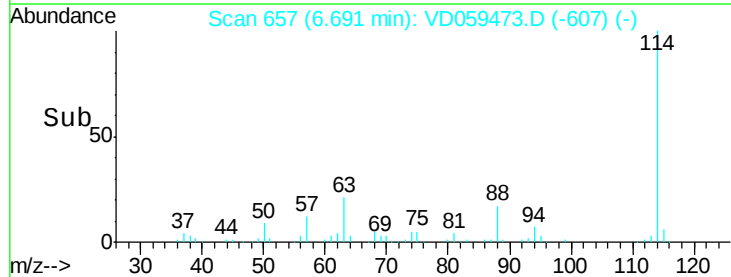
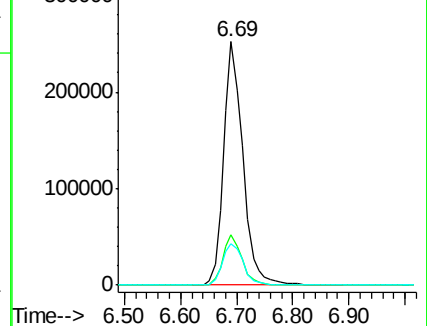
88 16.9 0.0 38.0

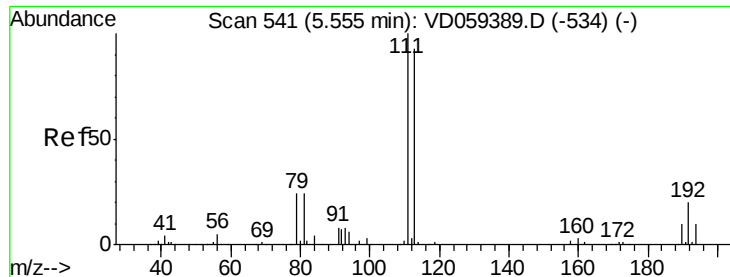


Abundance Ion 114.00 (113.70 to 114.70): V

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: VD059473.D

Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

93-95-B2(10-15)

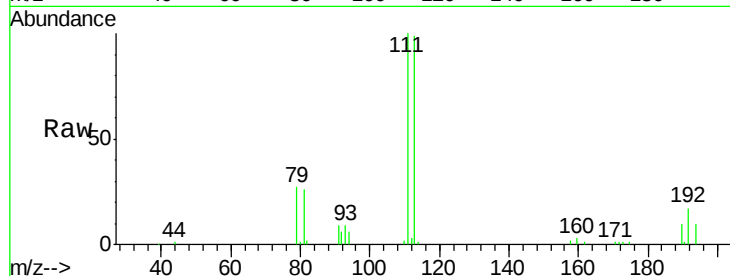
Tot Ion:113 Resp: 231311

Ion Ratio Lower Upper

113 100

111 101.0 85.7 128.5

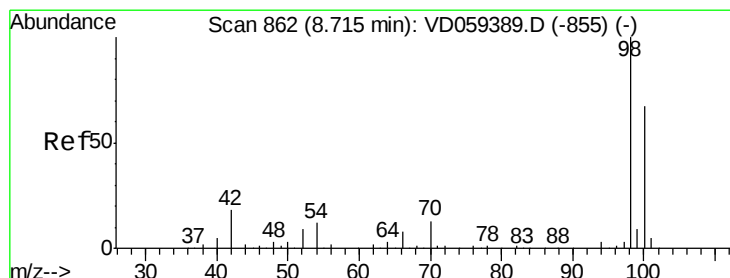
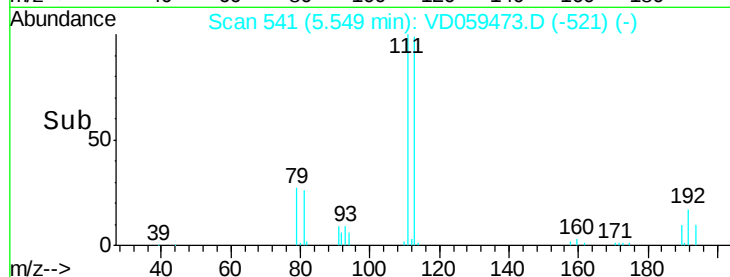
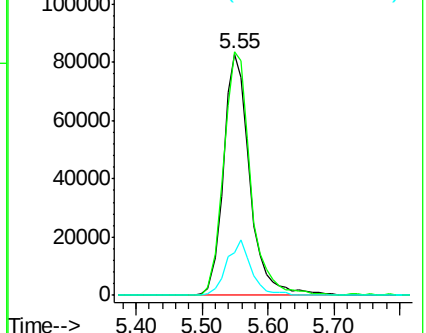
192 17.6 16.9 25.3



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: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059473.D

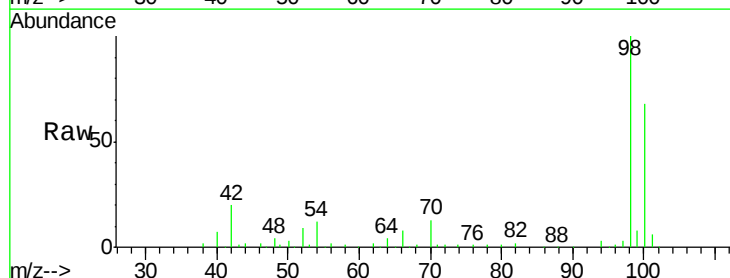
Acq: 28 Jun 2018 20:10

Tgt Ion: 98 Resp: 419763

Ion Ratio Lower Upper

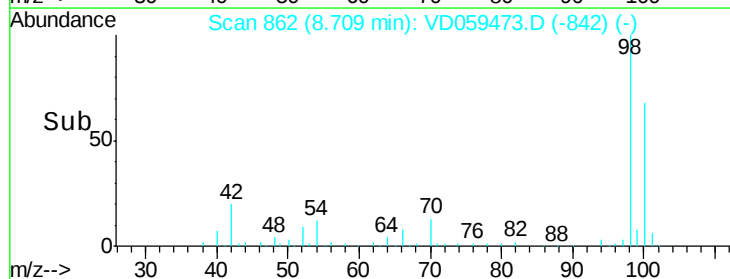
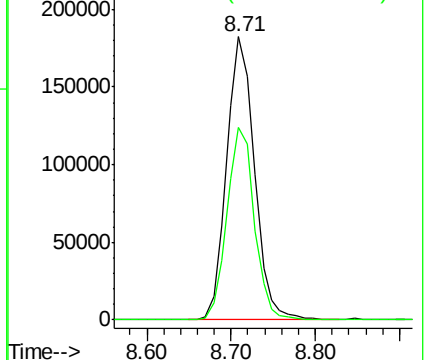
98 100

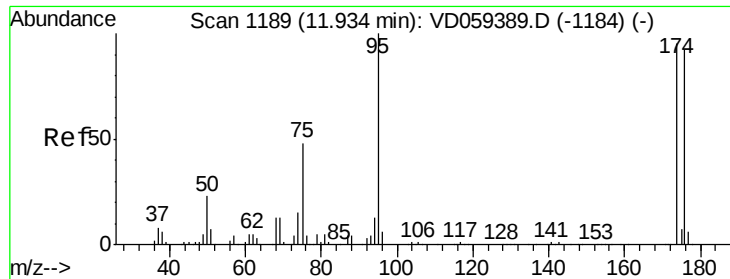
100 68.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

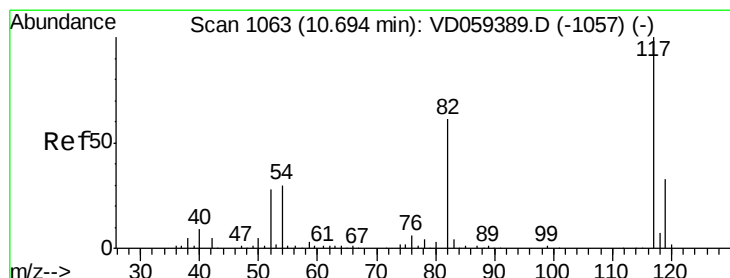
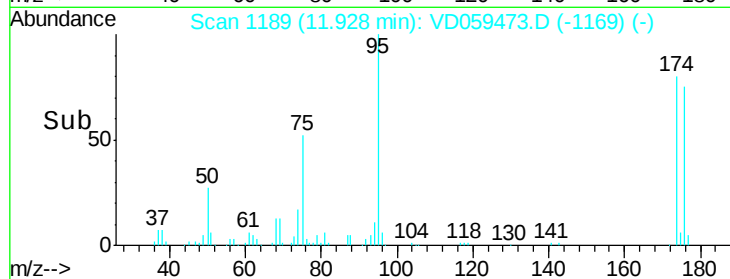
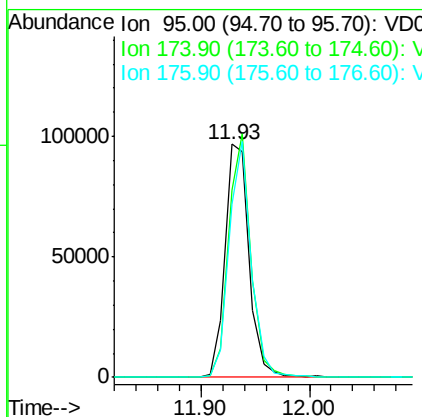
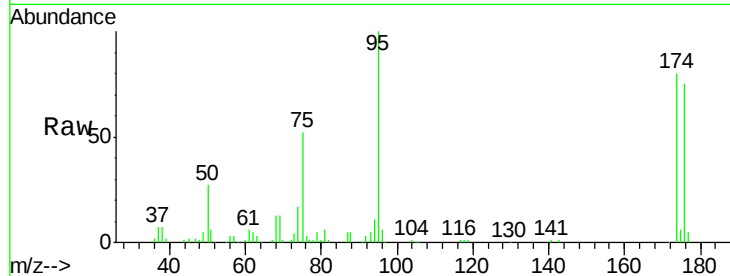




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

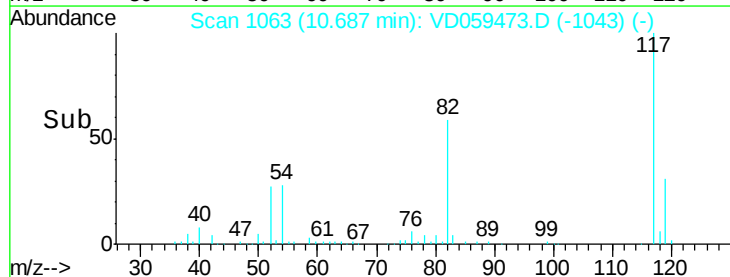
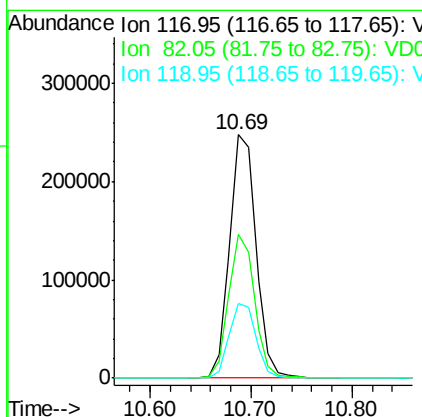
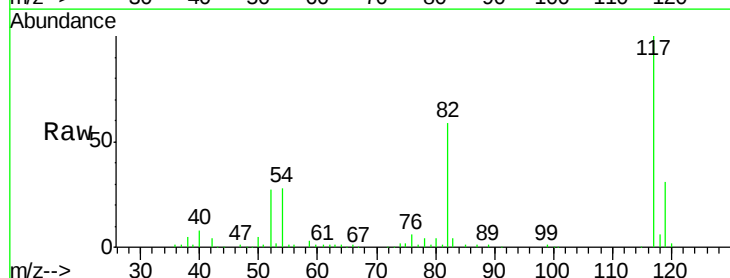
Instrument :
MSVOA_D
ClientSampleId :
93-95-B2(10-15)

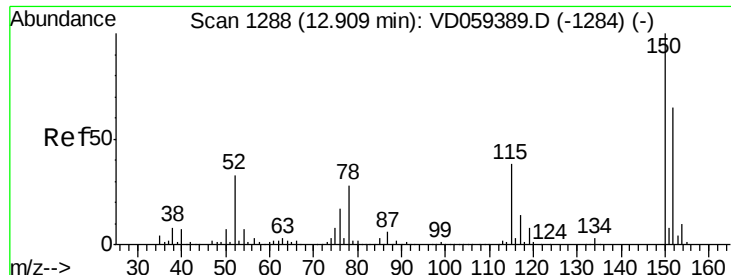
Tot Ion: 95 Resp: 149389
Ion Ratio Lower Upper
95 100
174 80.1 0.0 190.4
176 74.5 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059473.D
Acq: 28 Jun 2018 20:10

Tgt Ion: 117 Resp: 451087
Ion Ratio Lower Upper
117 100
82 58.9 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: VD059473.D

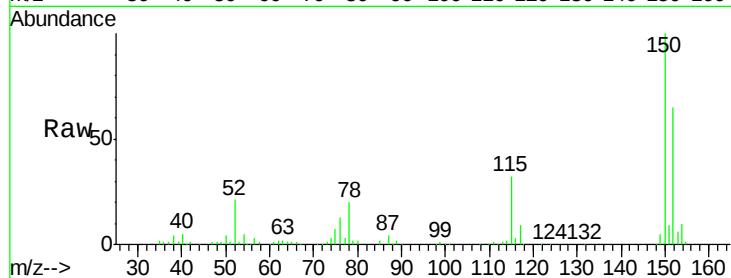
Acq: 28 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

93-95-B2(10-15)



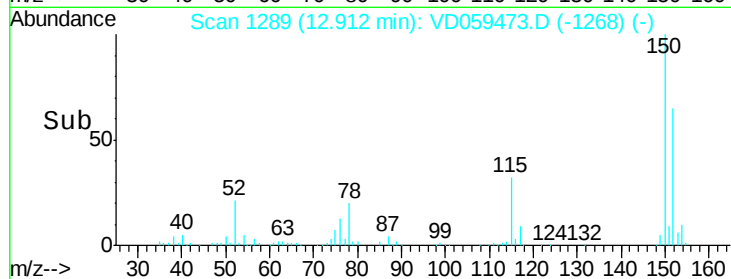
Tot Ion:152 Resp: 182314

Ion Ratio Lower Upper

152 100

115 48.8 29.4 88.3

150 153.3 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

