

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059477.D
 Acq On : 28 Jun 2018 22:04
 Operator : VA/AP
 Sample : J3677-12RE
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B3(7-9)RE

Quant Time: Jun 29 02:25:30 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	530729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	670676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	516414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	214230	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	226323	41.70	ug/l	0.00
Spiked Amount			Recovery	=	83.40%	
35) Dibromofluoromethane	5.55	113	256125	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	513187	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
62) 4-Bromofluorobenzene	11.93	95	198662	37.40	ug/l	0.00
Spiked Amount			Recovery	=	74.80%	

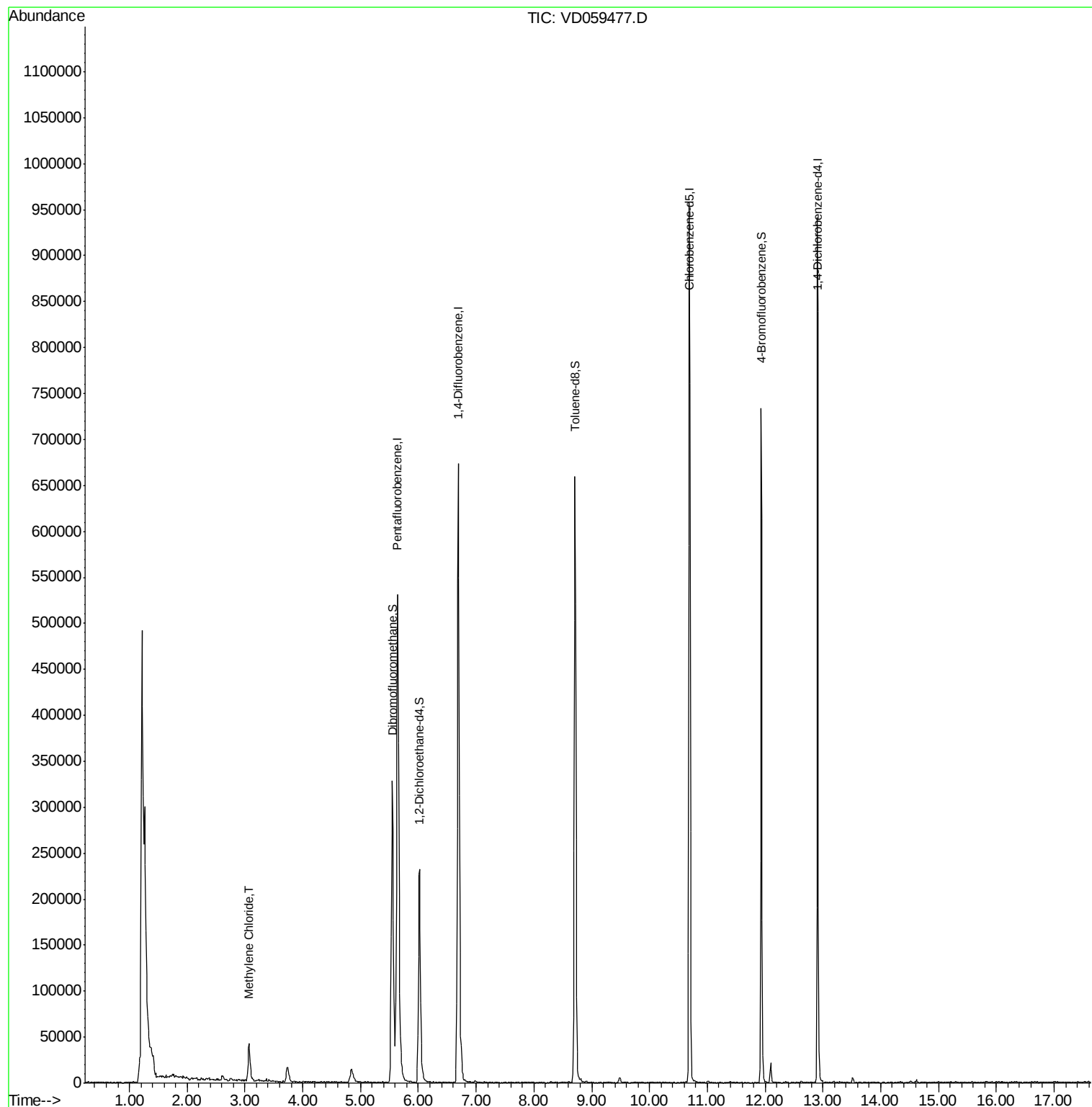
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	18688	7.73	ug/l	87

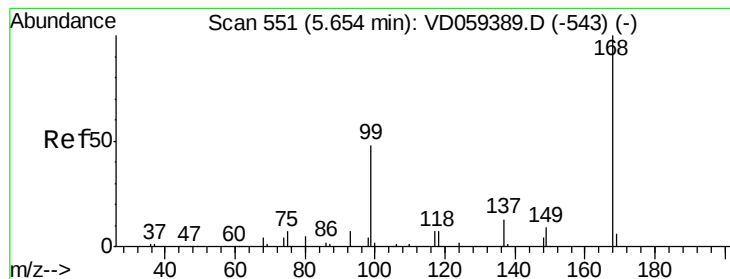
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059477.D

Acq: 28 Jun 2018 22:04

Instrument :

MSVOA_D

ClientSampleId :

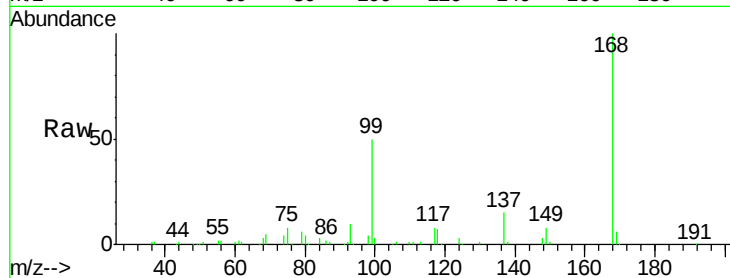
147-149-B3(7-9)RE

Tot Ion:168 Resp: 530729

Ion Ratio Lower Upper

168 100

99 49.9 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

200000

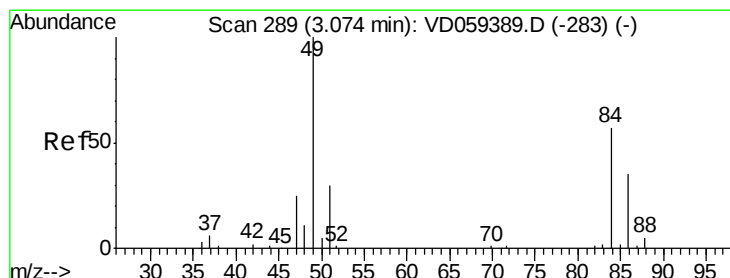
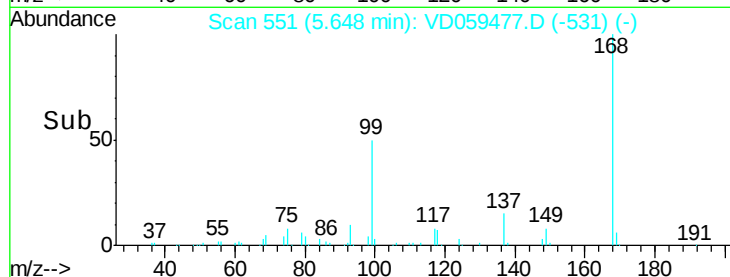
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 7.73 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059477.D

Acq: 28 Jun 2018 22:04

Tgt Ion: 84 Resp: 18688

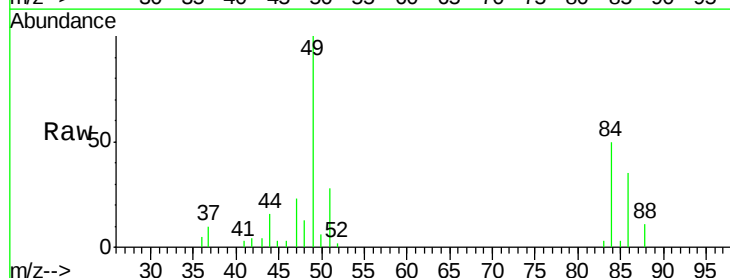
Ion Ratio Lower Upper

84 100

49 199.5 140.3 210.5

51 55.2 41.6 62.4

86 69.3 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

20000

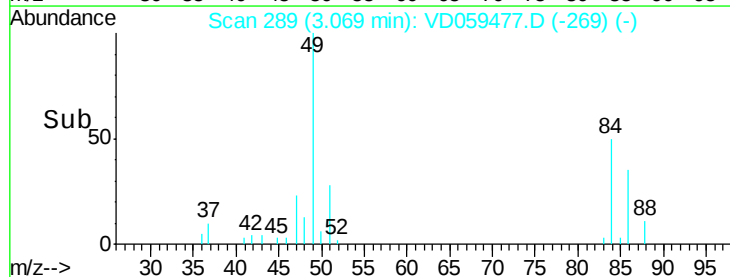
15000

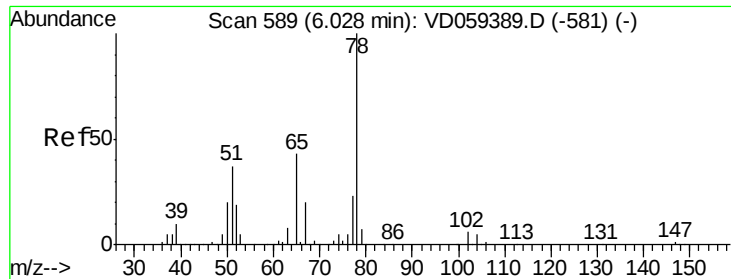
10000

5000

0

Time--> 3.00 3.10 3.20

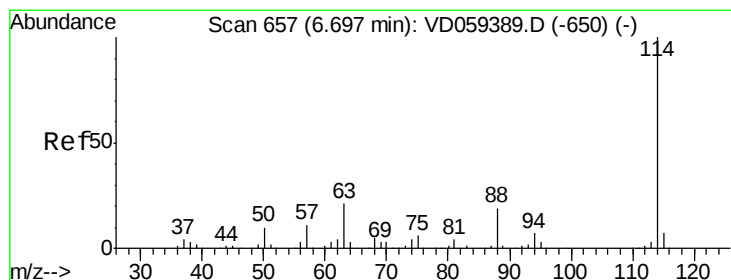
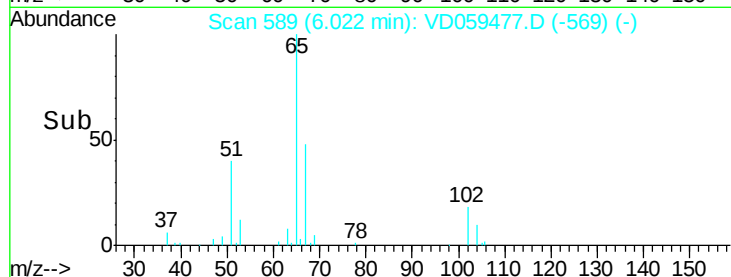
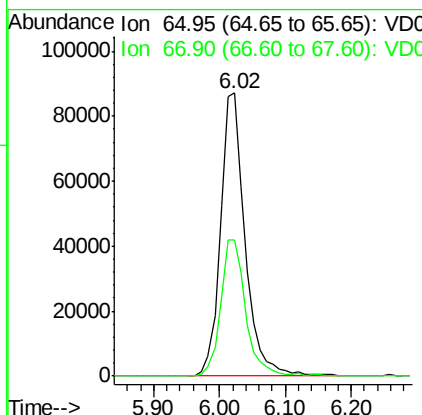
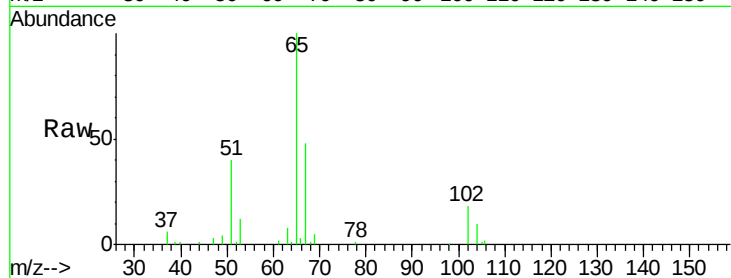




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059477.D
 Acq: 28 Jun 2018 22:04

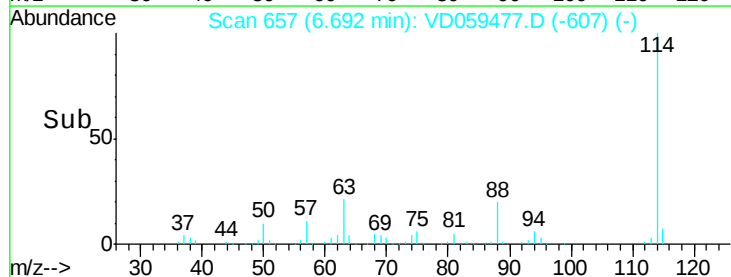
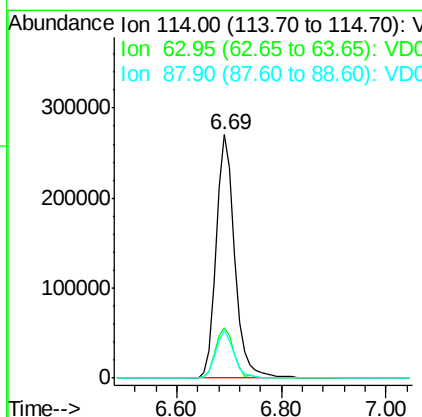
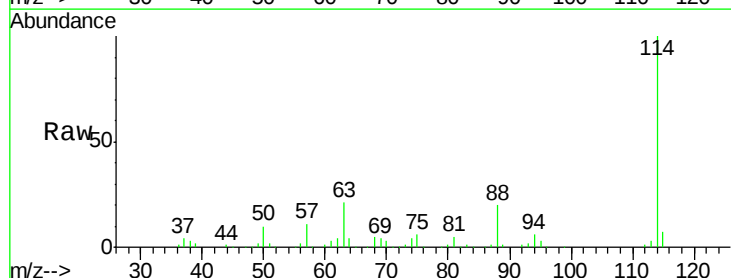
Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B3(7-9)RE

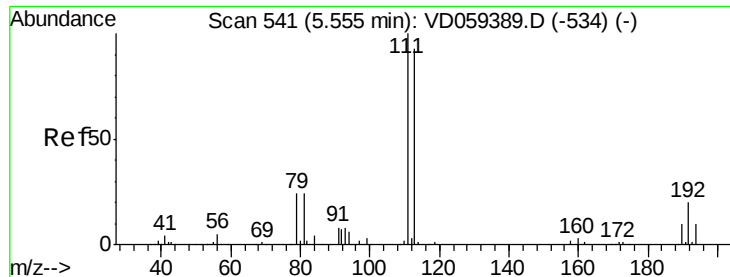
Tot Ion: 65 Resp: 226323
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059477.D
 Acq: 28 Jun 2018 22:04

Tgt Ion: 114 Resp: 670676
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 19.5 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD059477.D

Acq: 28 Jun 2018 22:04

Instrument :
MSVOA_D
ClientSampleId :
147-149-B3(7-9)RE

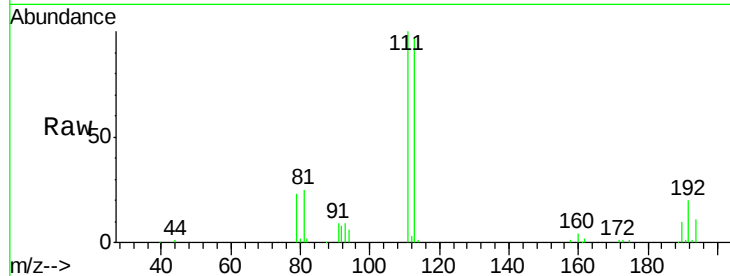
Tot Ion:113 Resp: 256125

Ion Ratio Lower Upper

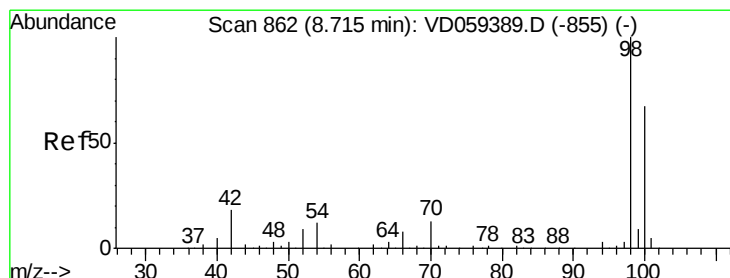
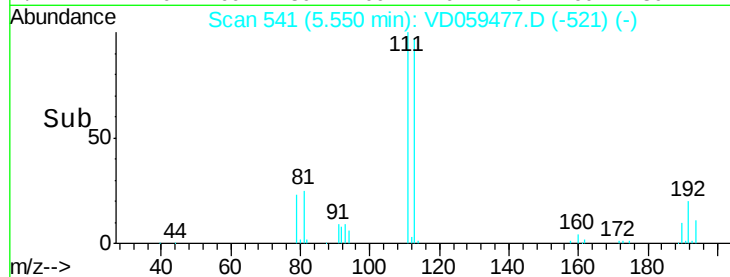
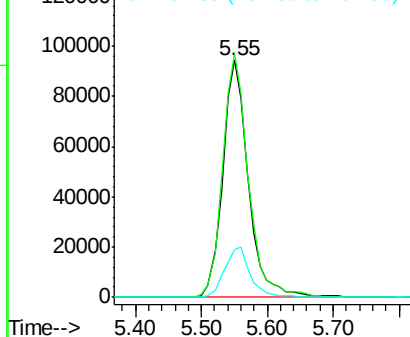
113 100

111 102.8 85.7 128.5

192 20.1 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: VD059477.D

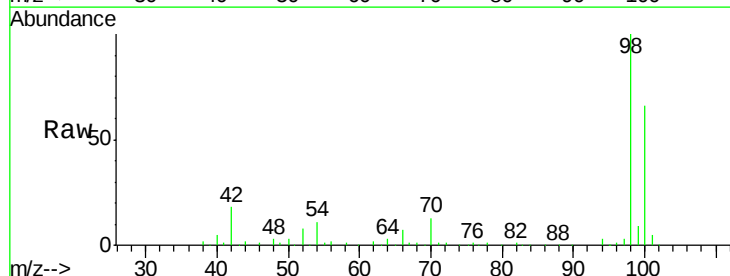
Acq: 28 Jun 2018 22:04

Tgt Ion: 98 Resp: 513187

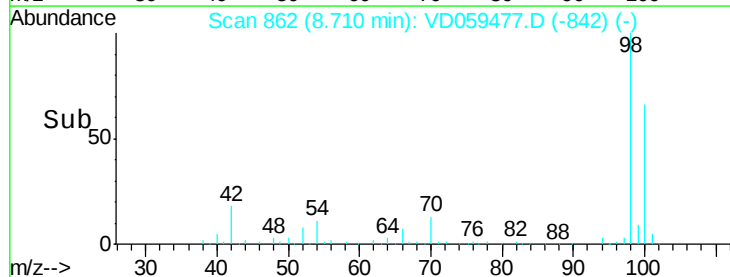
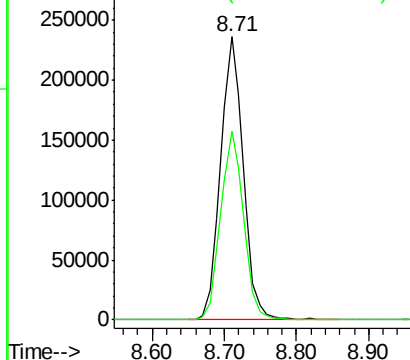
Ion Ratio Lower Upper

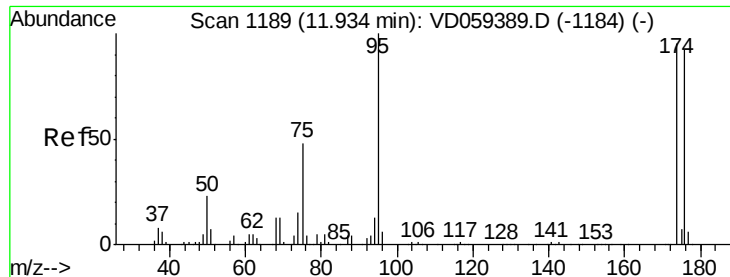
98 100

100 66.5 54.4 81.6



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059477.D

Acq: 28 Jun 2018 22:04

Instrument :

MSVOA_D

ClientSampleId :

147-149-B3(7-9)RE

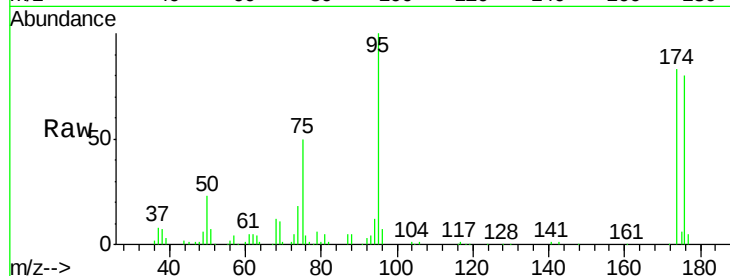
Tot Ion: 95 Resp: 198662

Ion Ratio Lower Upper

95 100

174 82.7 0.0 190.4

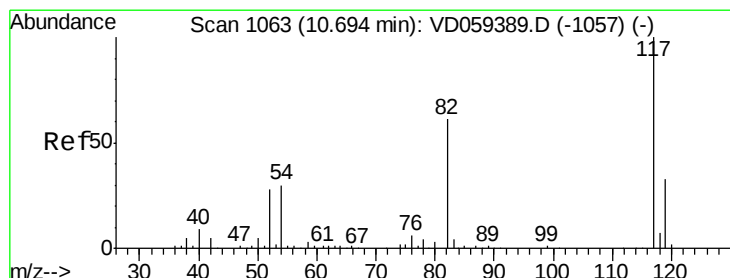
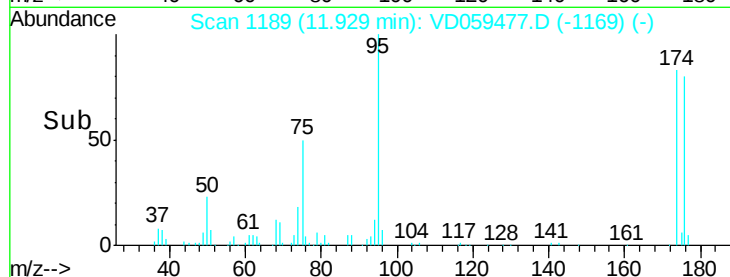
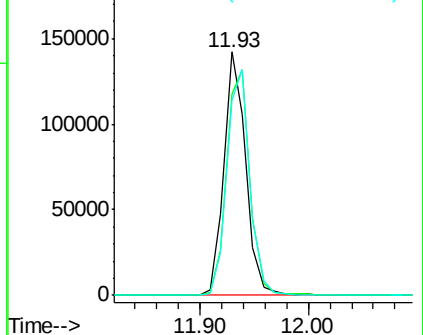
176 80.2 0.0 183.2



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059477.D

Acq: 28 Jun 2018 22:04

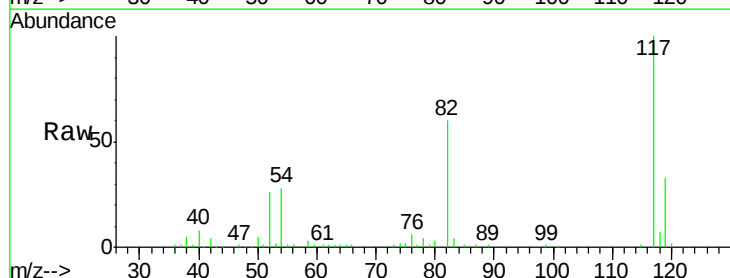
Tgt Ion: 117 Resp: 516414

Ion Ratio Lower Upper

117 100

82 59.9 49.0 73.6

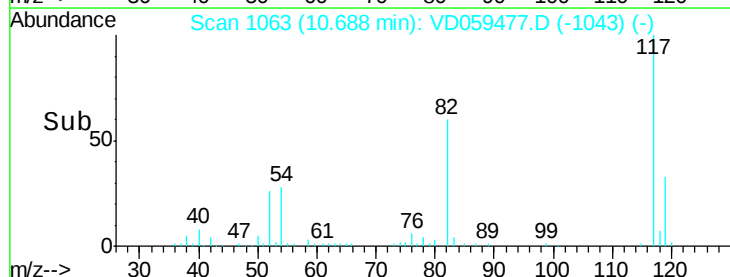
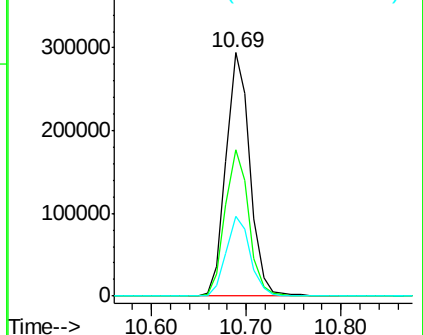
119 32.9 26.2 39.4

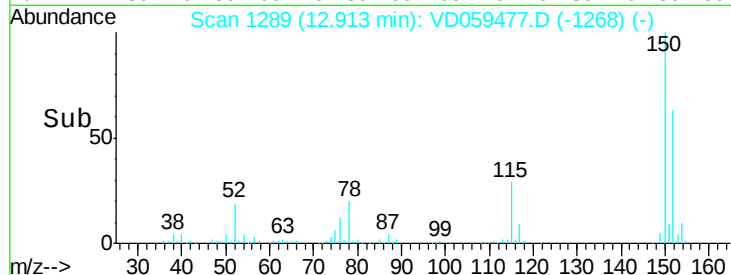
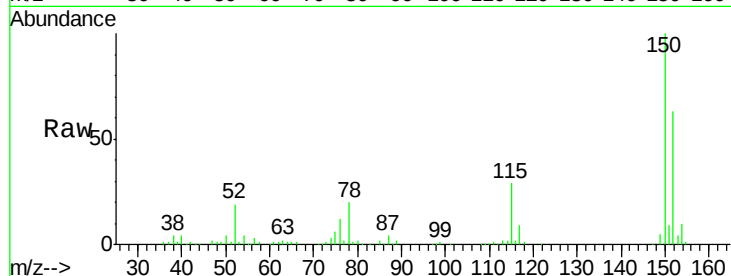
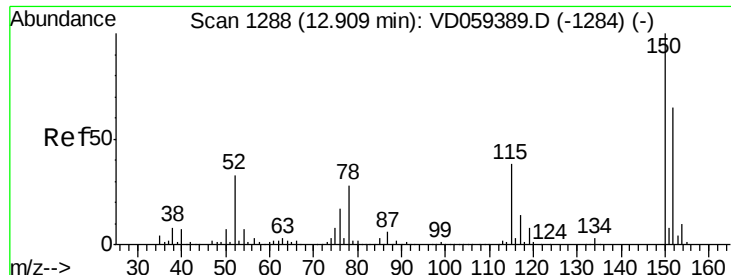


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD059477.D
 Acq: 28 Jun 2018 22:04

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B3(7-9)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	46.2	29.4	88.3
150	158.7	0.0	308.2

