

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059777.D
 Acq On : 14 Aug 2018 20:08
 Operator : VA/AP
 Sample : J4447-36
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 10:51:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

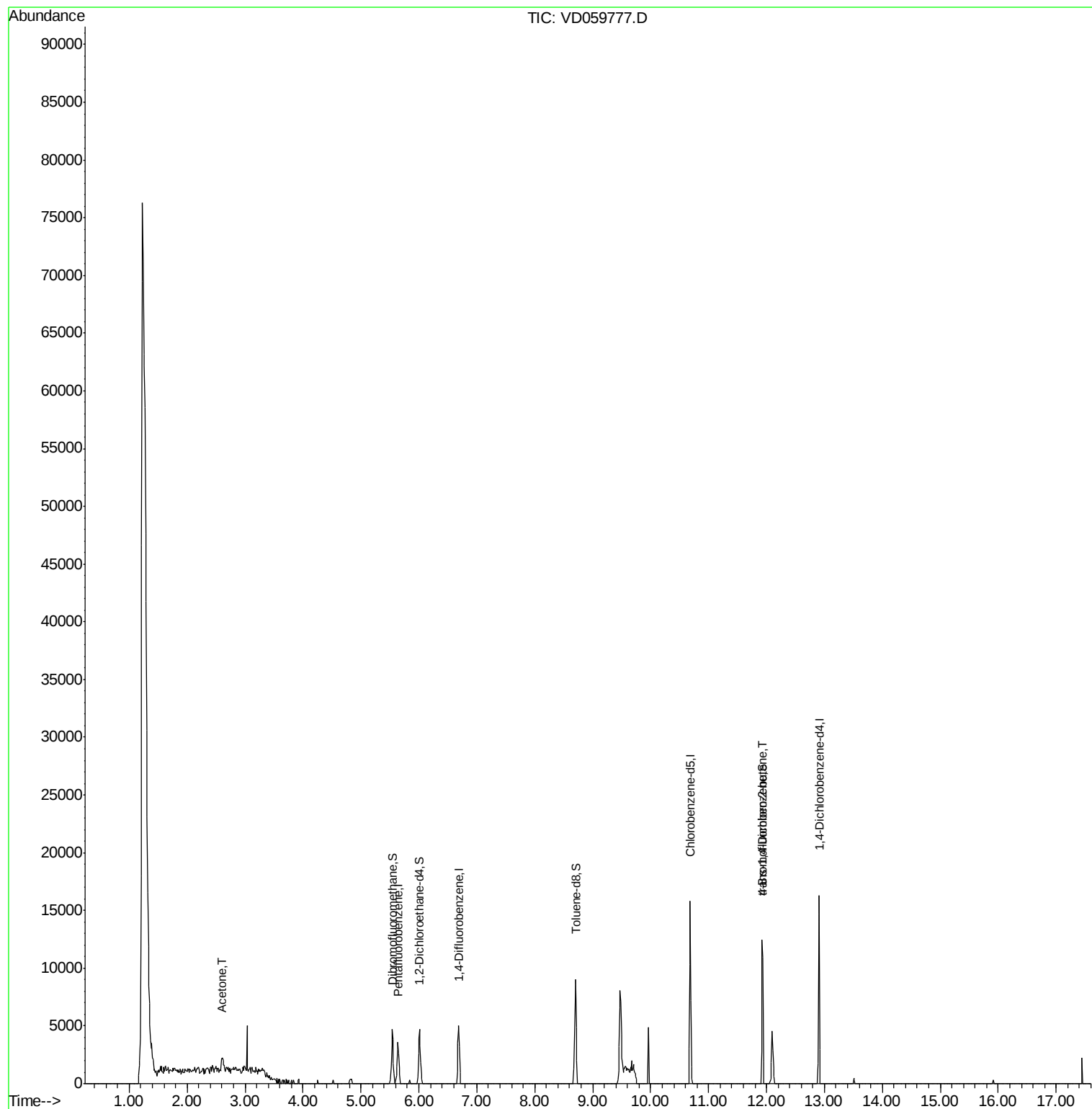
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	4591	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	8553	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	9068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	4528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	6070	84.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	168.94%	
35) Dibromofluoromethane	5.54	113	3955	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	8.71	98	8517	48.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.93	95	4033	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.61	43	2331	198.569	ug/l #	59
81) trans-1,4-Dichloro-2-buten	11.93	75	2139	141.780	ug/l #	1

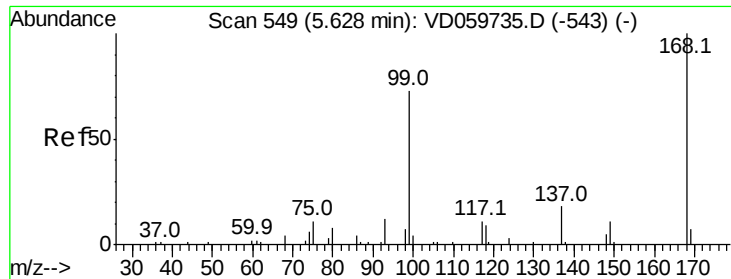
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 11 05:42:24 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

Instrument :

MSVOA_D

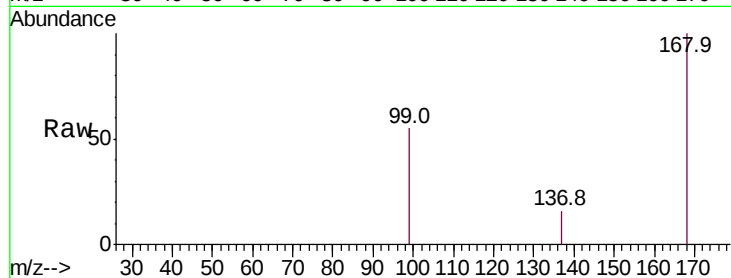
ClientSampled :

Tot Ion:168 Resp: 4591

Ion Ratio Lower Upper

168 100

99 55.4 61.4 92.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

2000

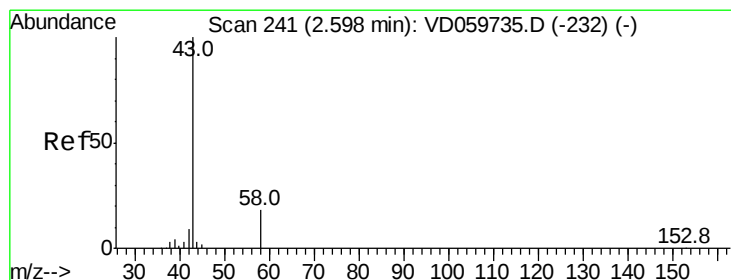
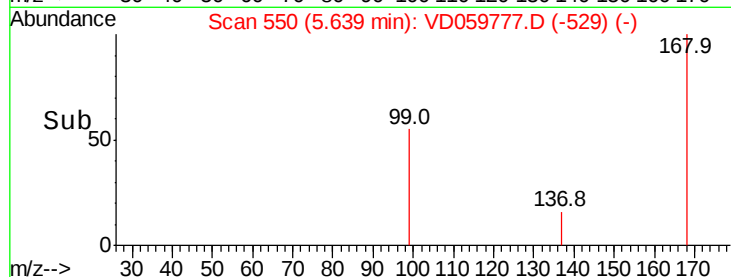
1500

1000

500

0

Time-->



#16

Acetone

Concen: 198.569 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD059777.D

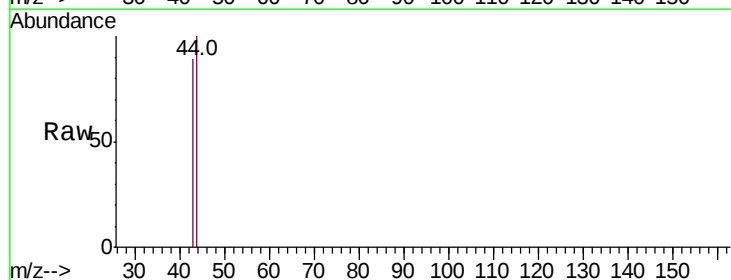
Acq: 14 Aug 2018 20:08

Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

58 0.0 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

1200

1000

800

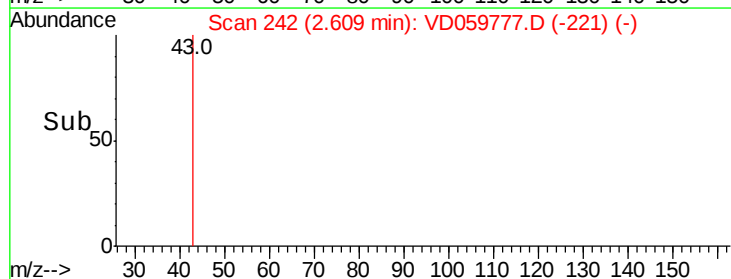
600

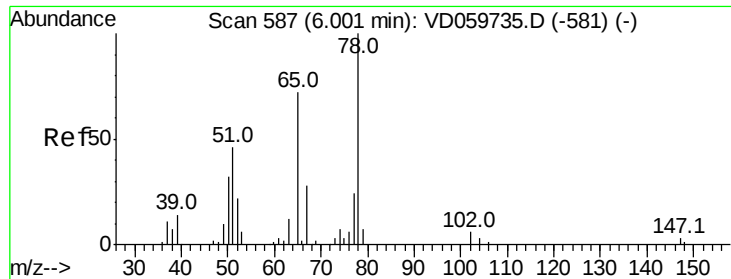
400

200

0

Time-->

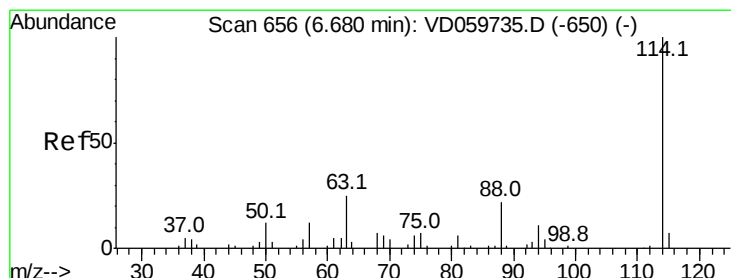
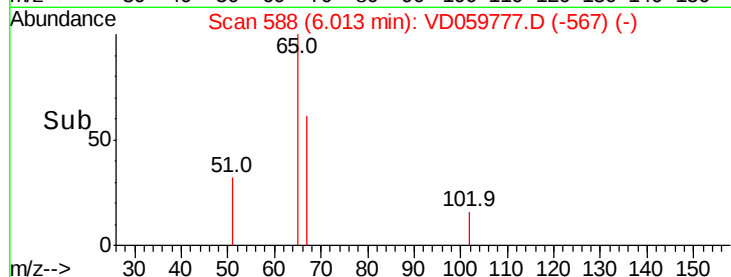
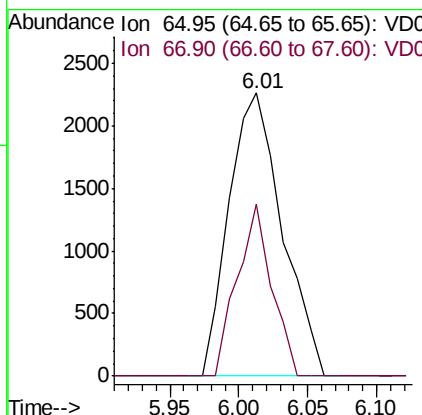
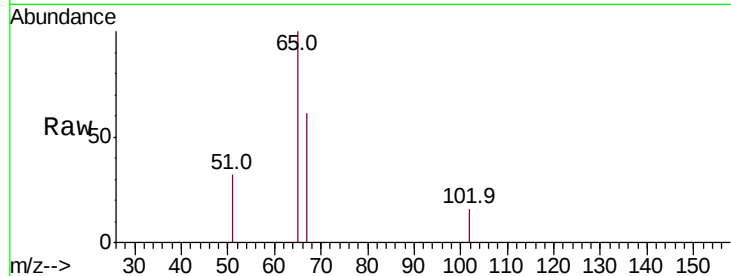




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059777.D
 Acq: 14 Aug 2018 20:08

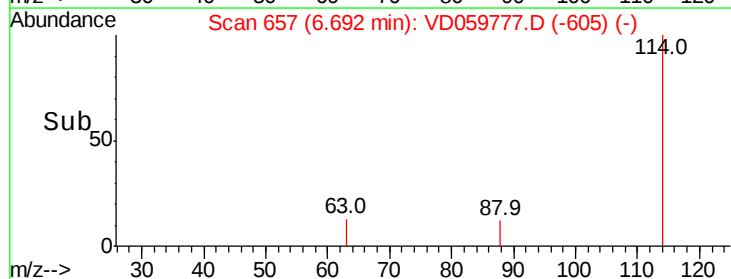
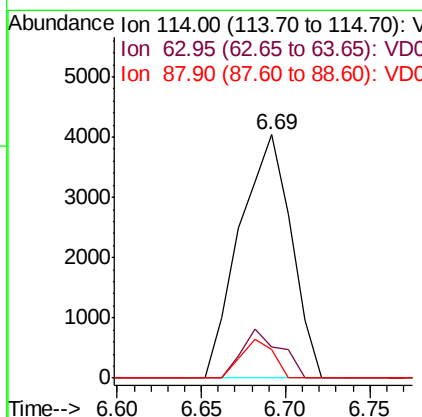
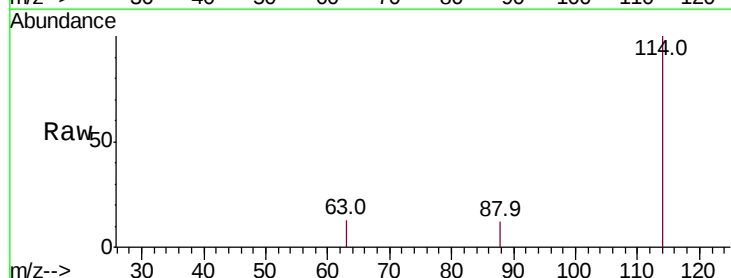
Instrument :
 MSVOA_D
 ClientSampleId :

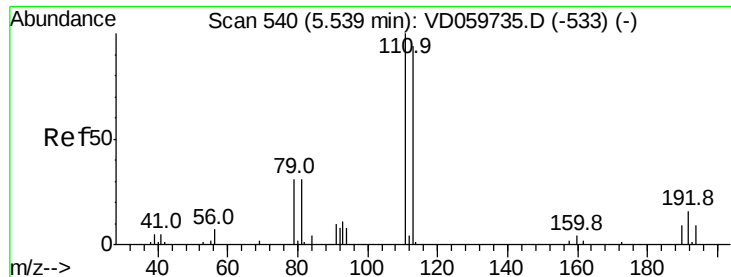
Tot Ion: 65 Resp: 6070
 Ion Ratio Lower Upper
 65 100
 67 60.7 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059777.D
 Acq: 14 Aug 2018 20:08

Tgt Ion: 114 Resp: 8553
 Ion Ratio Lower Upper
 114 100
 63 12.7 0.0 50.6
 88 11.9 0.0 43.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. 0.00 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

Instrument :
MSVOA_D
ClientSampleId :

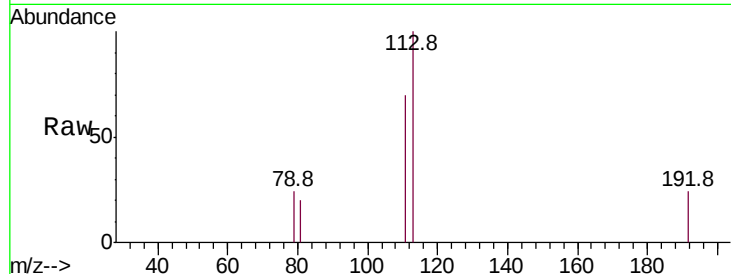
Tot Ion:113 Resp: 3955

Ion Ratio Lower Upper

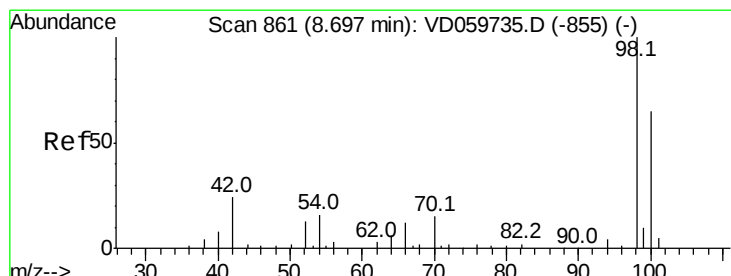
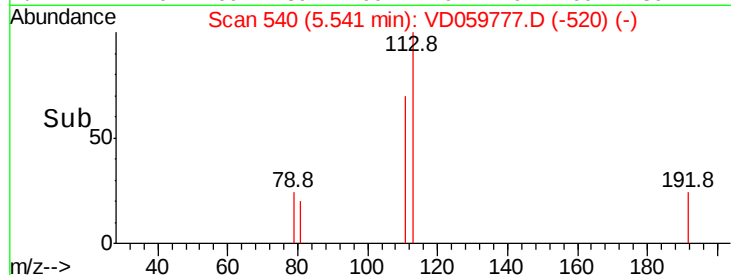
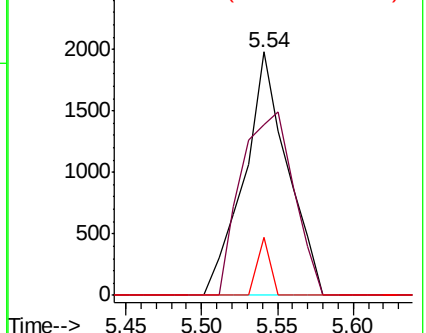
113 100

111 70.3 85.3 127.9#

192 24.0 13.9 20.9#



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: VD059777.D

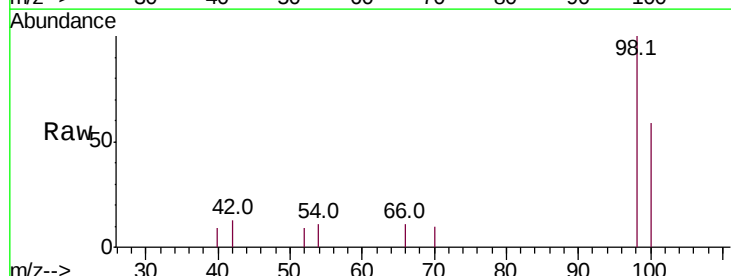
Acq: 14 Aug 2018 20:08

Tgt Ion: 98 Resp: 8517

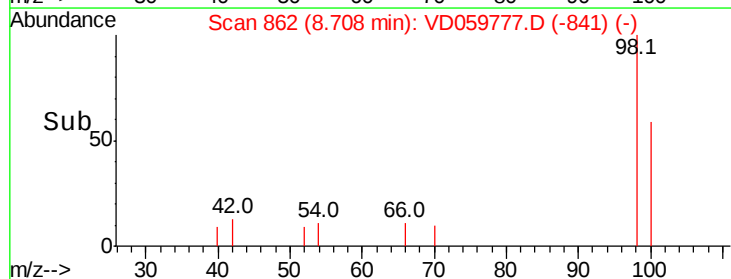
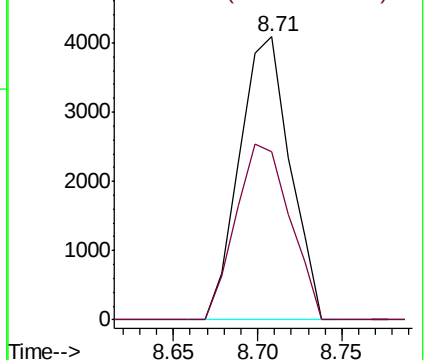
Ion Ratio Lower Upper

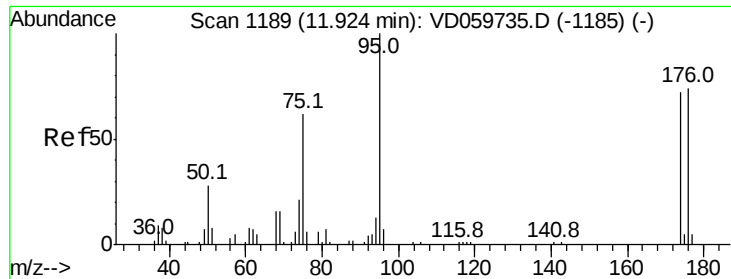
98 100

100 59.2 52.2 78.2



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. 0.00 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

Instrument :

MSVOA_D

ClientSampleId :

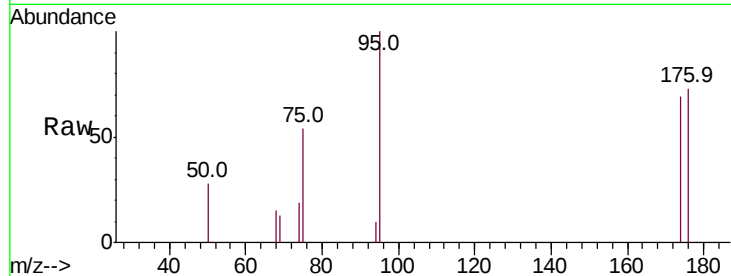
Tot Ion: 95 Resp: 4033

Ion Ratio Lower Upper

95 100

174 68.7 0.0 143.2

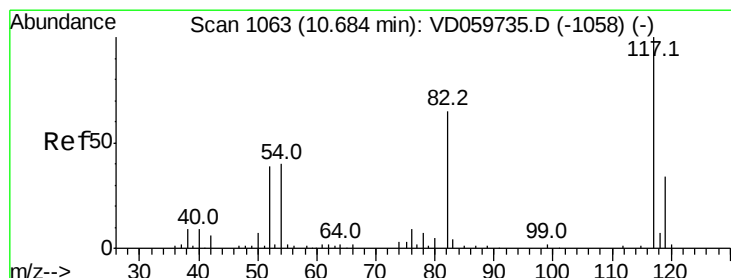
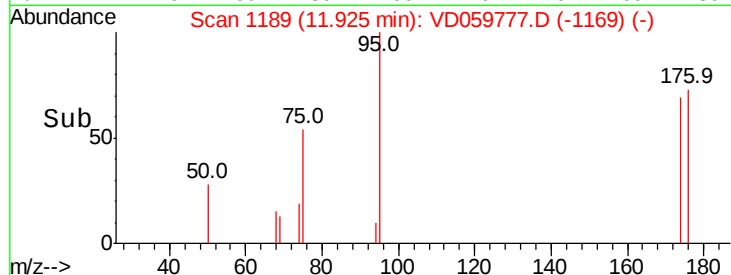
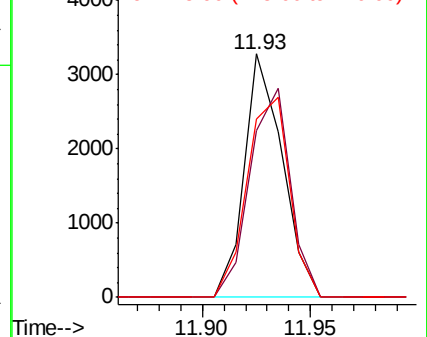
176 73.3 0.0 147.2



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: 50.000 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

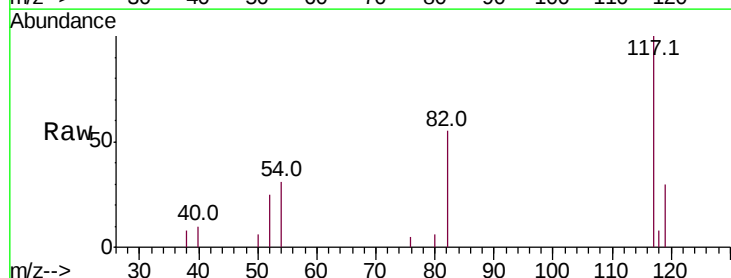
Tgt Ion: 117 Resp: 9068

Ion Ratio Lower Upper

117 100

82 54.9 51.9 77.9

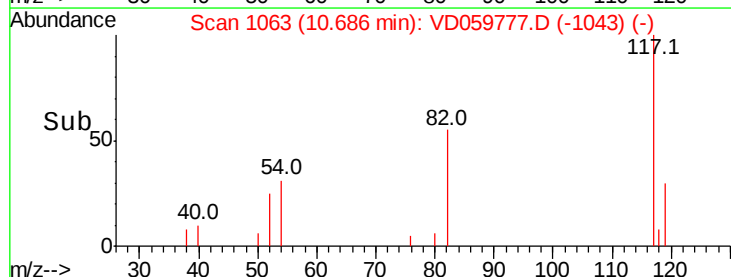
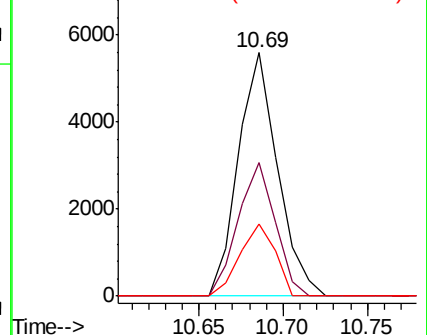
119 29.9 27.4 41.0

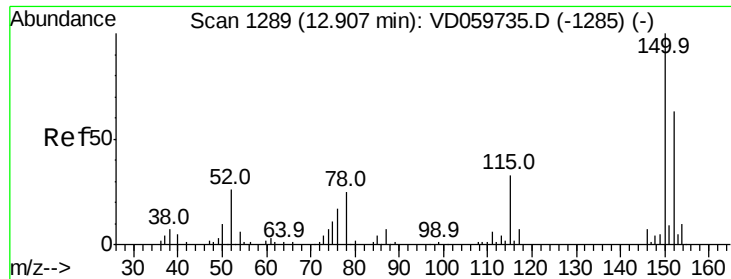


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

Instrument :

MSVOA_D

ClientSampleId :

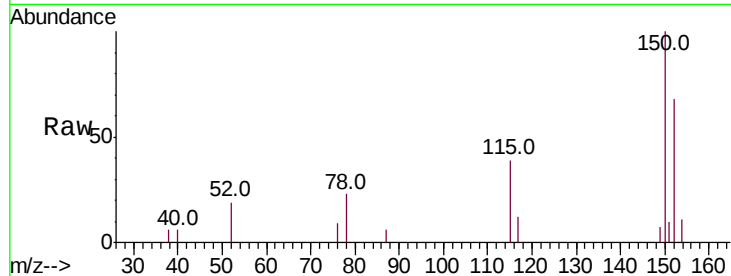
Tot Ion:152 Resp: 4528

Ion Ratio Lower Upper

152 100

115 57.7 29.8 89.3

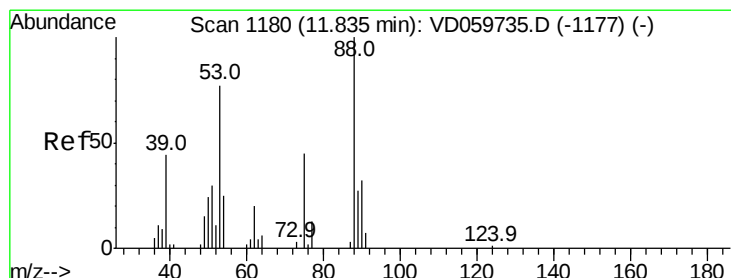
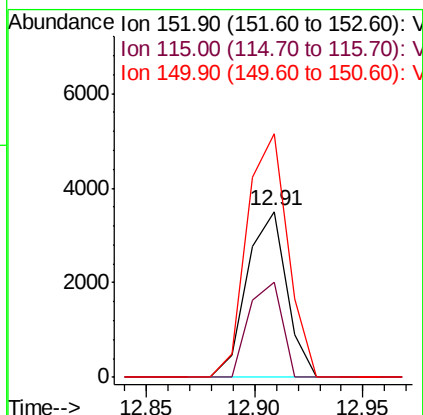
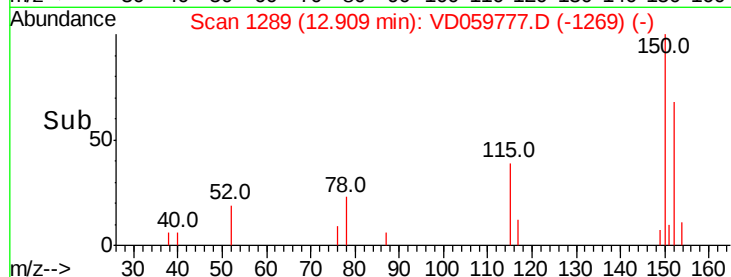
150 146.6 0.0 320.4



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



#81

trans-1,4-Dichloro-2-butene

Concen: 141.780 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059777.D

Acq: 14 Aug 2018 20:08

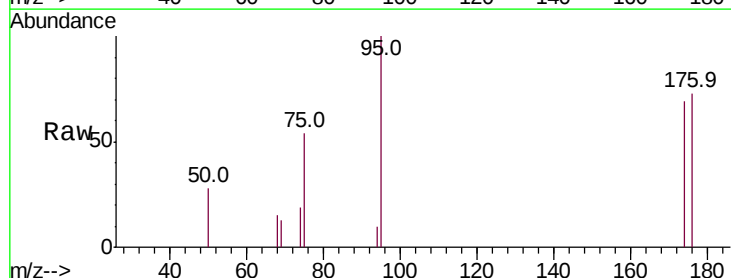
Tgt Ion: 75 Resp: 2139

Ion Ratio Lower Upper

75 100

53 0.0 137.5 206.3#

89 0.0 48.3 72.5#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

