

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059929.D
 Acq On : 31 Aug 2018 11:57
 Operator : JC/SY
 Sample : VD0831SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

Quant Time: Aug 31 14:42:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1356869	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1835707	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1522331	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	816651	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	604523	52.86	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	6.30	113	765927	53.22	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	9.44	98	2191703	54.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.41	95	834166	51.42	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.84%	

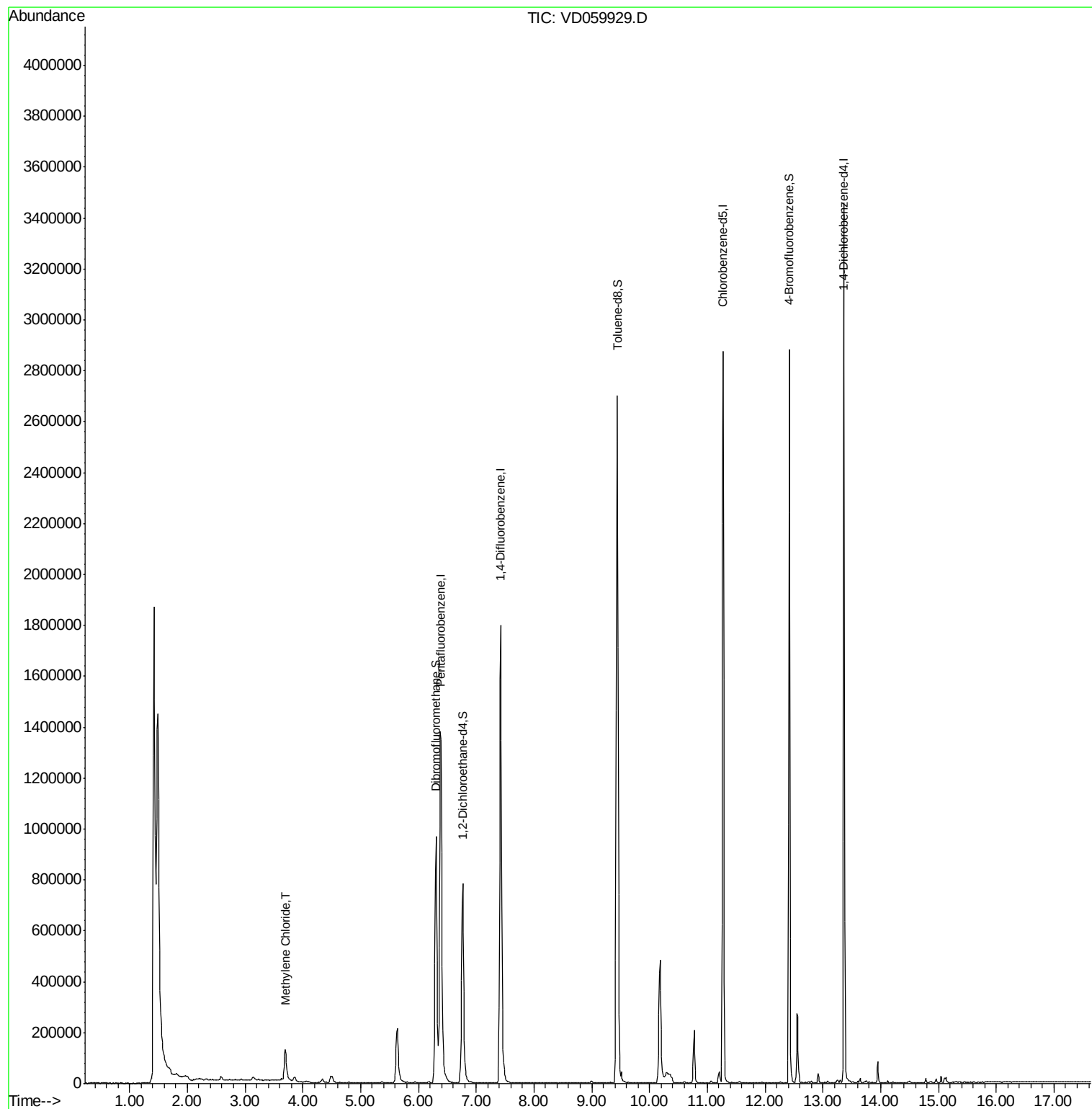
Target Compounds						Qvalue
20) Methylene Chloride	3.70	84	69103	1.35	ug/l	98

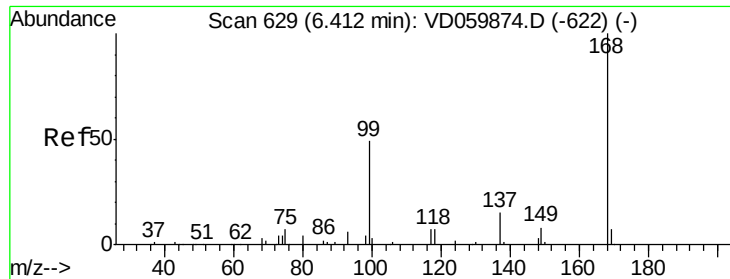
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 627

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

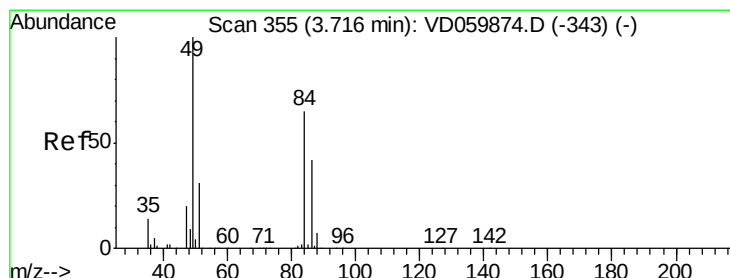
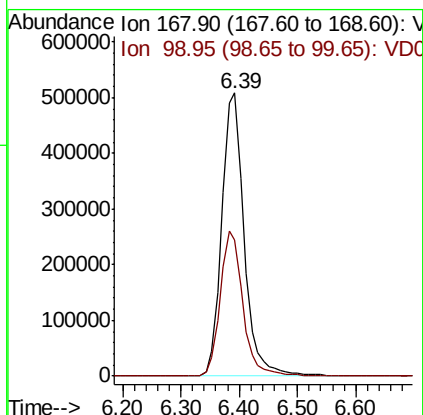
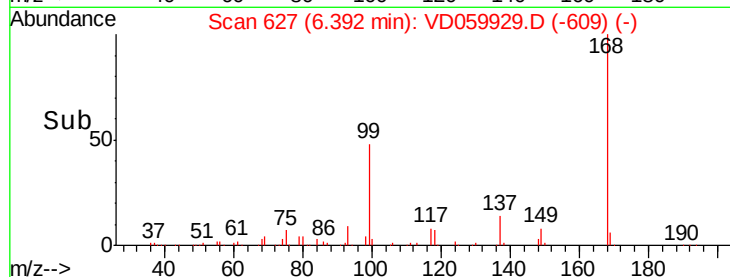
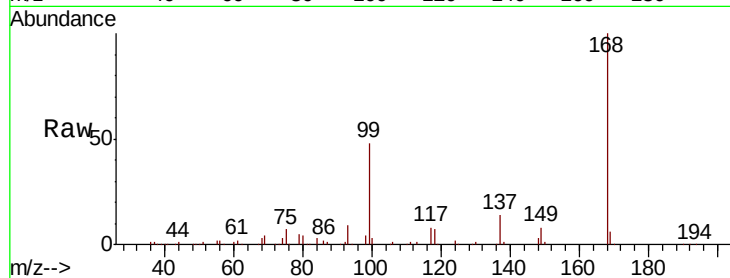
VD0831SBL01

Tot Ion:168 Resp: 1356869

Ion Ratio Lower Upper

168 100

99 48.0 42.2 63.2



#20

Methylene Chloride

Concen: 1.35 ug/l

RT: 3.70 min Scan# 353

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Tgt Ion: 84 Resp: 69103

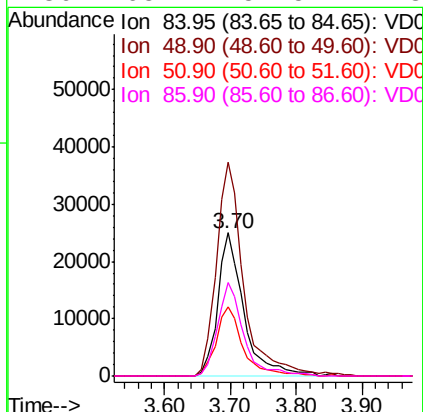
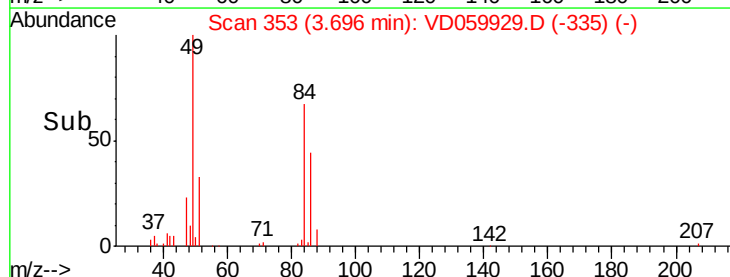
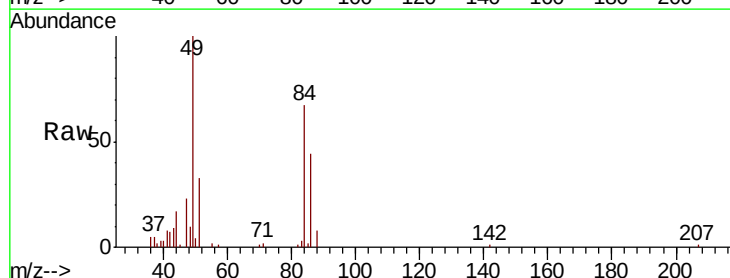
Ion Ratio Lower Upper

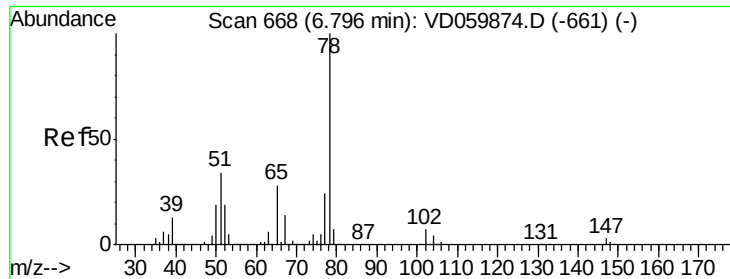
84 100

49 149.2 122.6 183.8

51 48.7 38.4 57.6

86 65.2 51.5 77.3

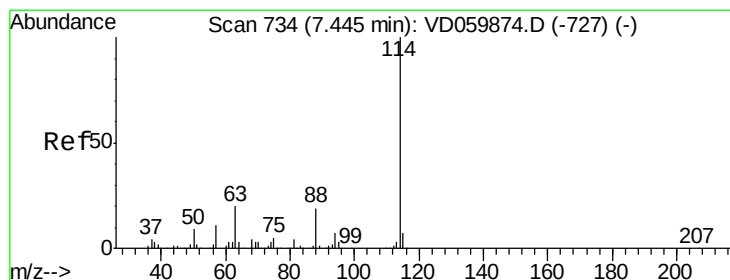
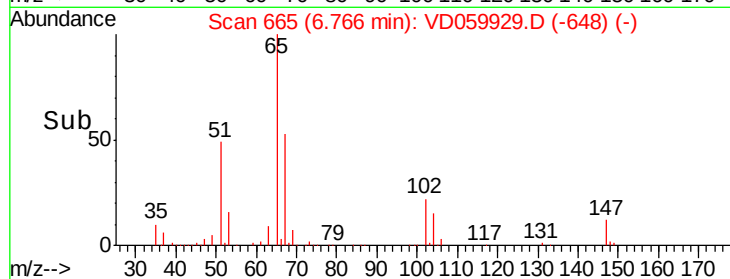
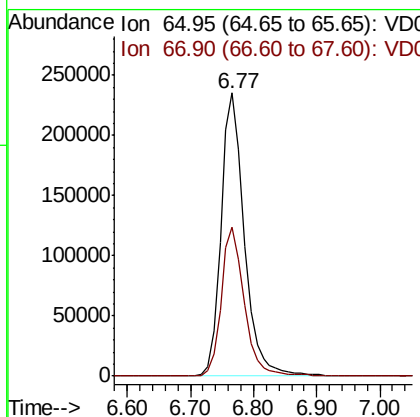
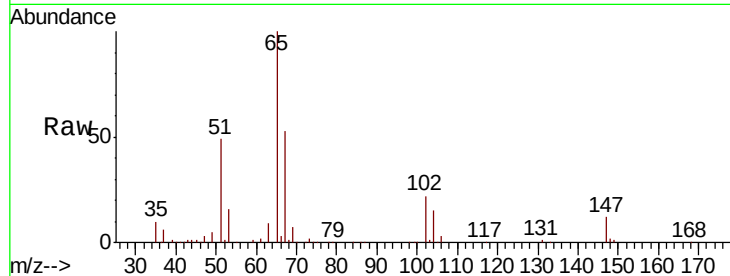




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

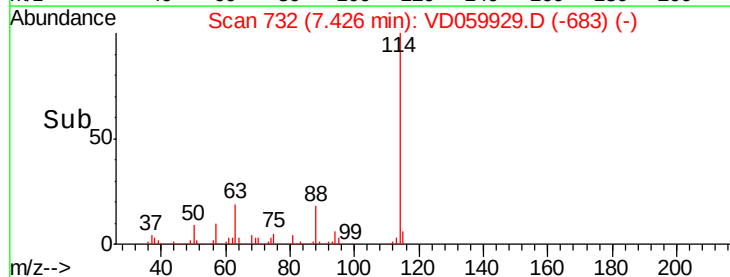
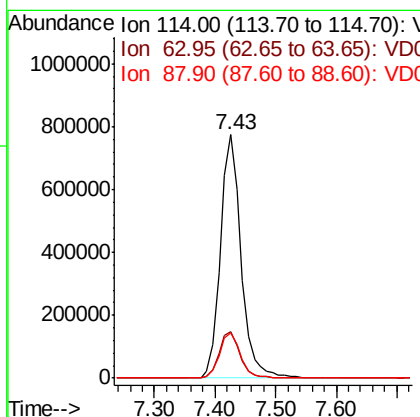
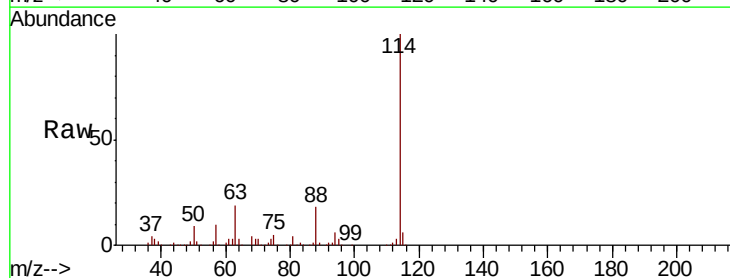
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

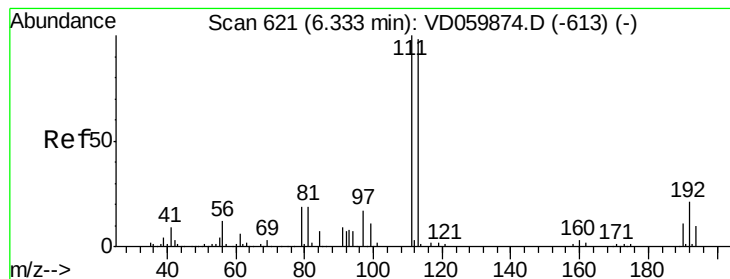
Tot Ion: 65 Resp: 604523
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

Tgt Ion: 114 Resp: 1835707
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 18.4 0.0 37.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 618

Delta R.T. -0.03 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

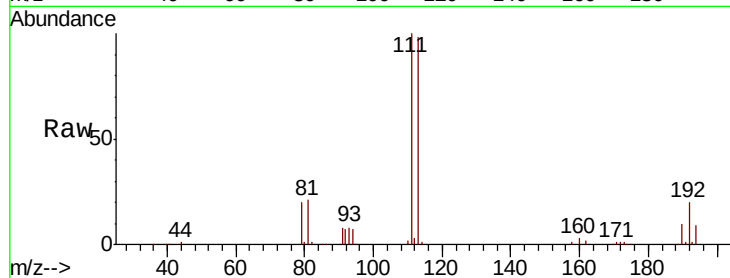
Tot Ion:113 Resp: 765927

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

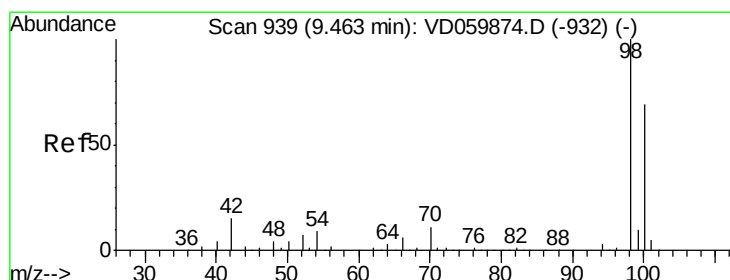
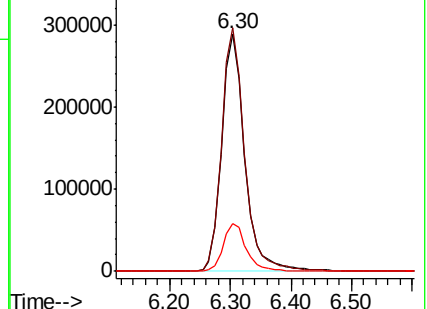
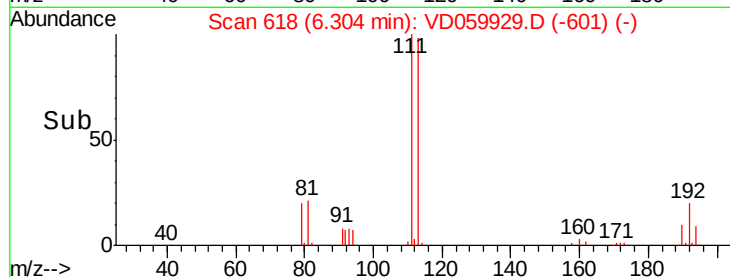
192 20.2 17.0 25.6



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: 9.44 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059929.D

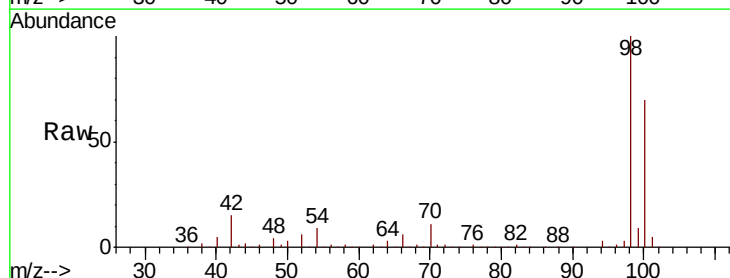
Acq: 31 Aug 2018 11:57

Tgt Ion: 98 Resp: 2191703

Ion Ratio Lower Upper

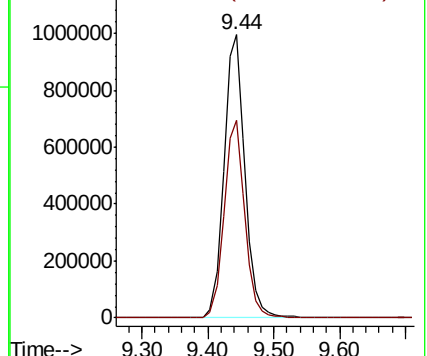
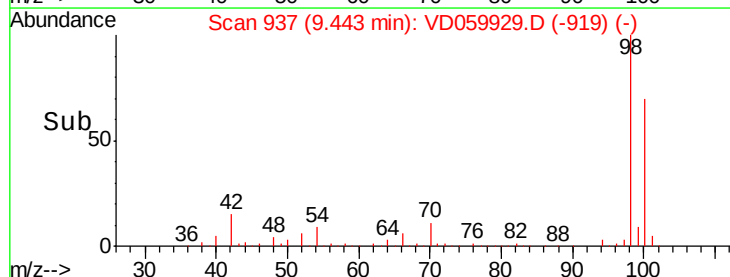
98 100

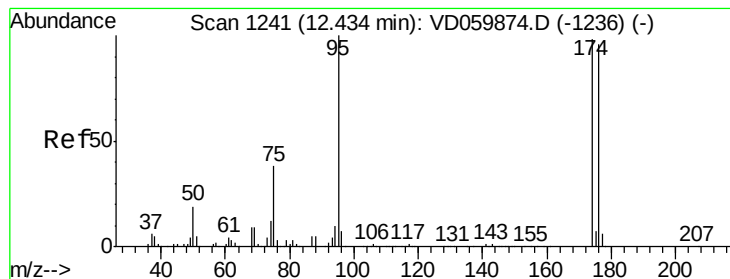
100 69.9 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

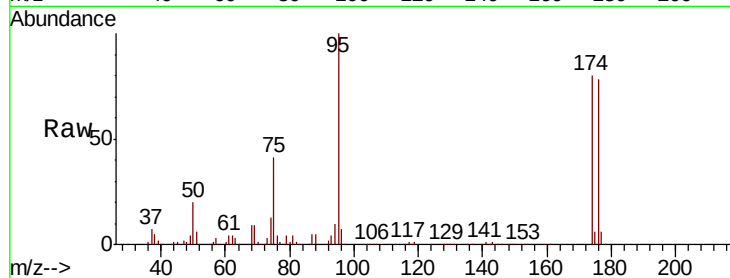
Tot Ion: 95 Resp: 834166

Ion Ratio Lower Upper

95 100

174 80.4 0.0 195.6

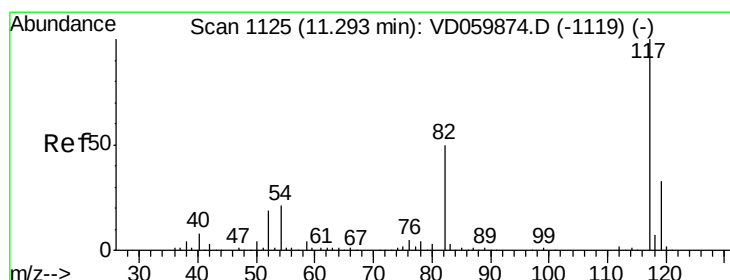
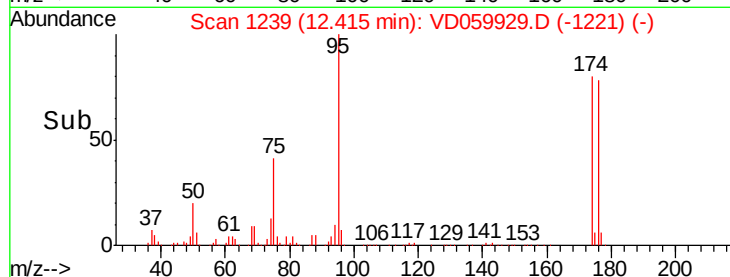
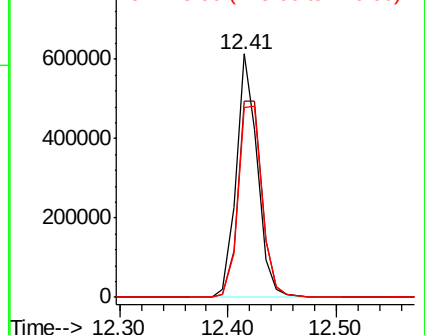
176 78.0 0.0 191.2



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: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

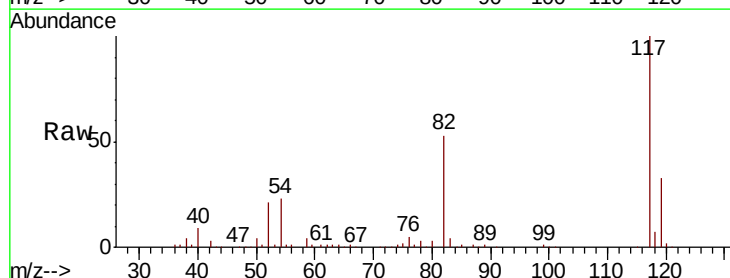
Tgt Ion: 117 Resp: 1522331

Ion Ratio Lower Upper

117 100

82 52.9 40.1 60.1

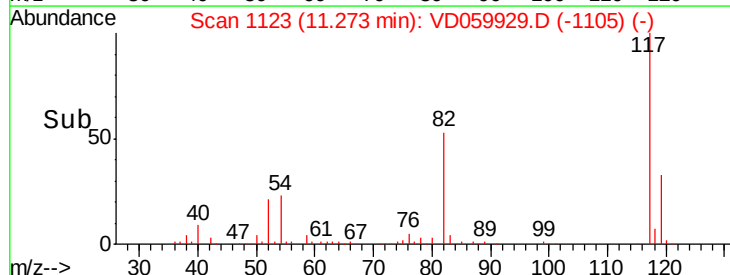
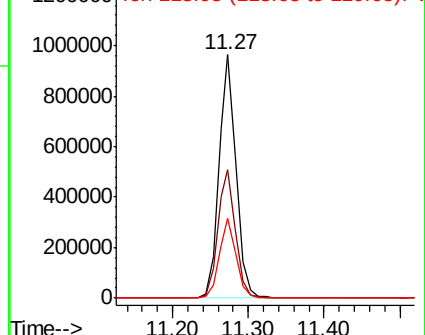
119 32.6 26.7 40.1

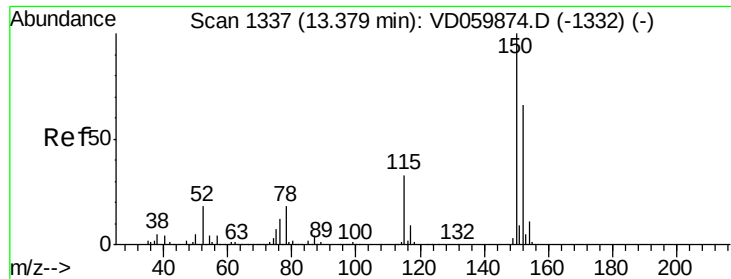


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

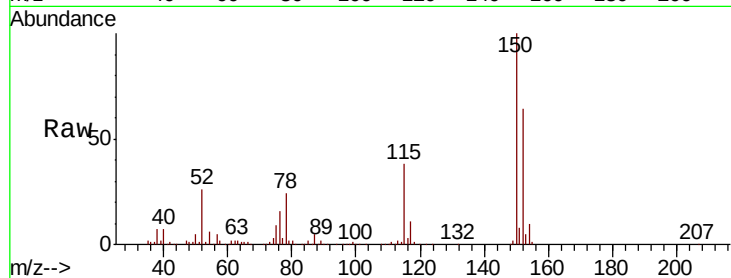
Tot Ion:152 Resp: 816651

Ion Ratio Lower Upper

152 100

115 58.7 25.7 77.0

150 156.5 0.0 310.2



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

