

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061729.D
 Acq On : 11 Apr 2019 00:07
 Operator : VA/AP
 Sample : VD0410SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL02

Quant Time: Apr 11 09:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

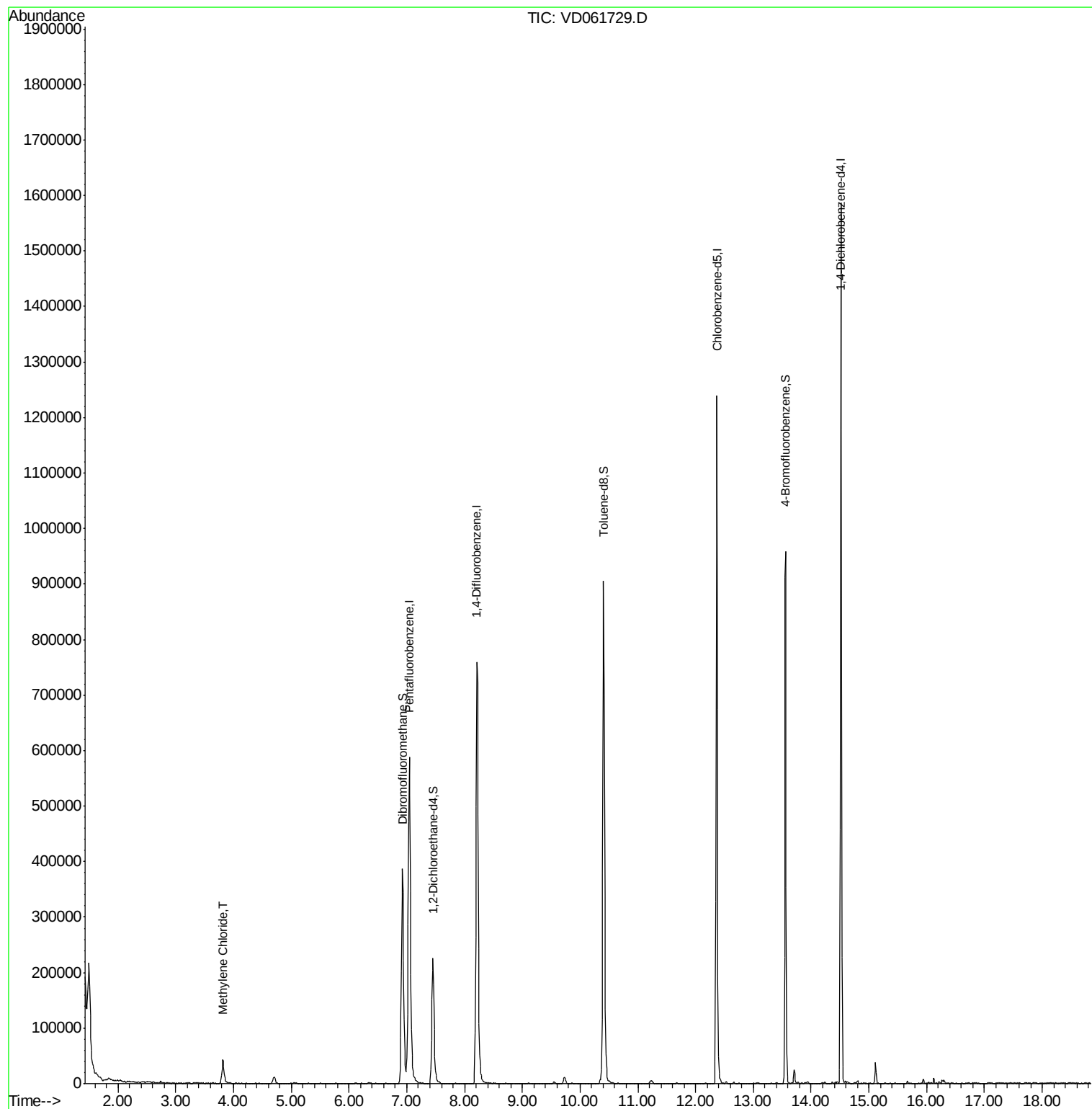
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	600770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	957311	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	786897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	368729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	230415	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	6.92	113	362832	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
50) Toluene-d8	10.41	98	795148	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	13.55	95	328200	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
Target Compounds						
20) Methylene Chloride	3.81	84	32543	4.213	ug/l	Qvalue 95

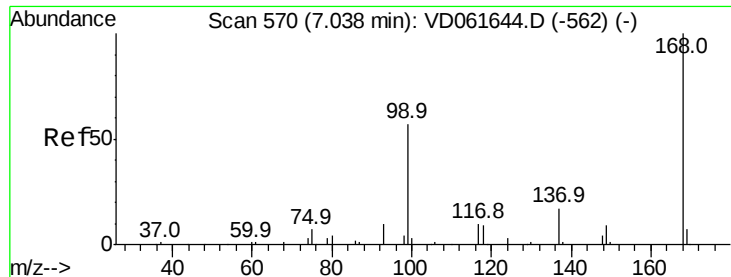
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061729.D

Acq: 11 Apr 2019 00:07

Instrument :

MSVOA_D

ClientSampleId :

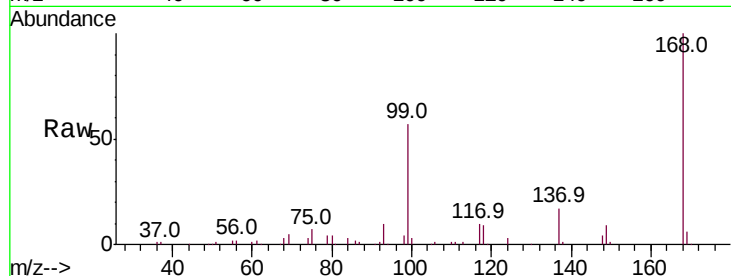
VD0410SBL02

Tot Ion:168 Resp: 600770

Ion Ratio Lower Upper

168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

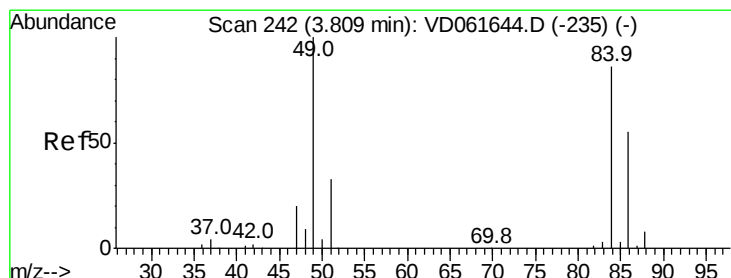
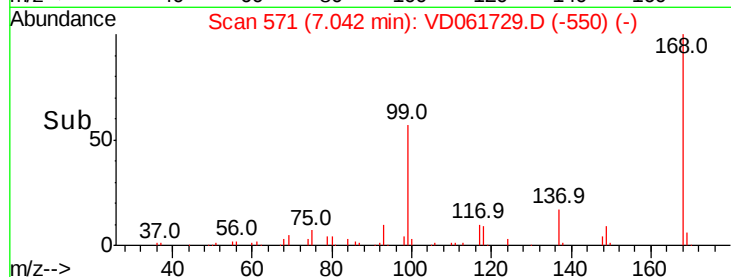
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.213 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061729.D

Acq: 11 Apr 2019 00:07

Tgt Ion: 84 Resp: 32543

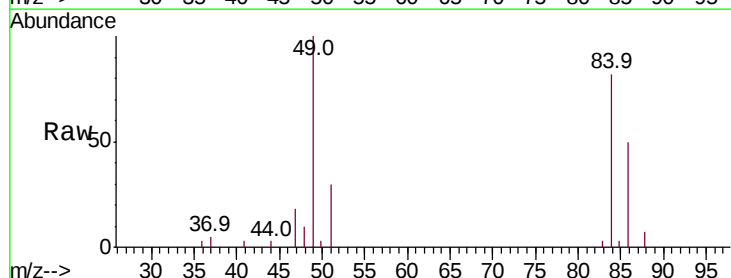
Ion Ratio Lower Upper

84 100

49 122.1 93.0 139.4

51 36.3 30.4 45.6

86 60.6 51.0 76.4



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

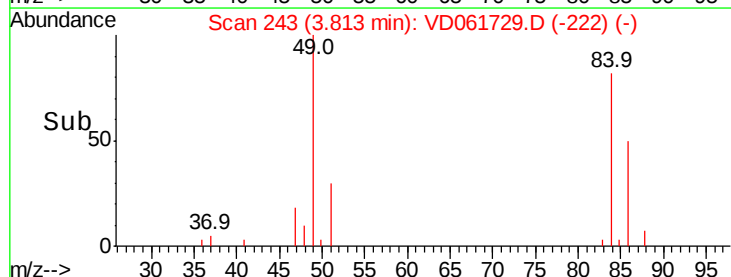
15000

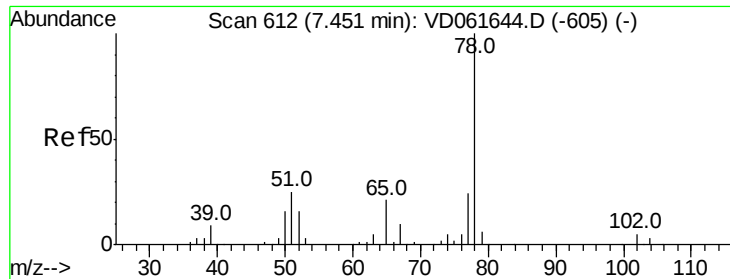
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061729.D

Acq: 11 Apr 2019 00:07

Instrument :

MSVOA_D

ClientSampleId :

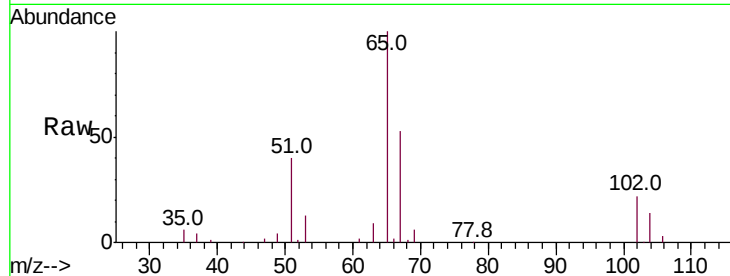
VD0410SBL02

Tot Ion: 65 Resp: 230415

Ion Ratio Lower Upper

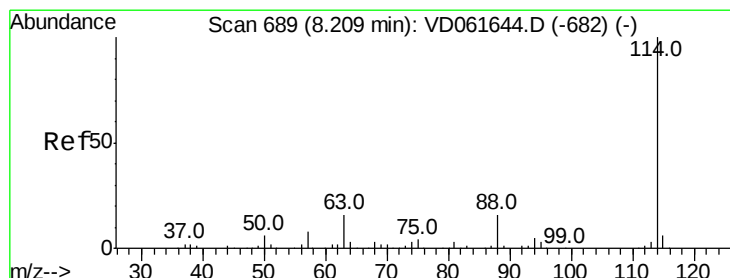
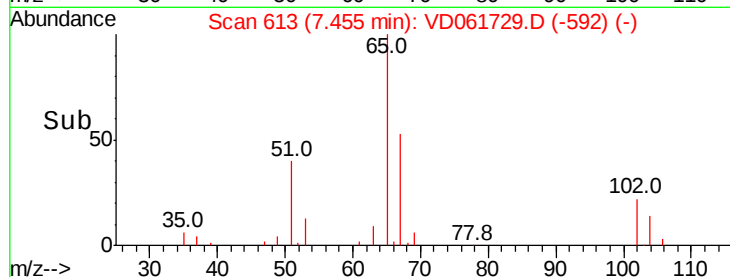
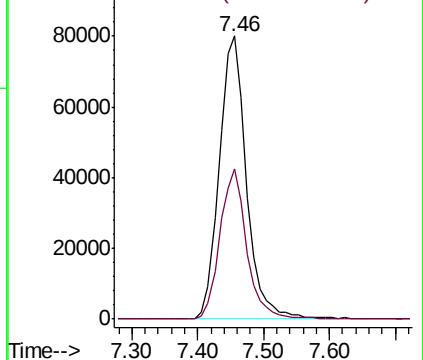
65 100

67 52.9 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061729.D

Acq: 11 Apr 2019 00:07

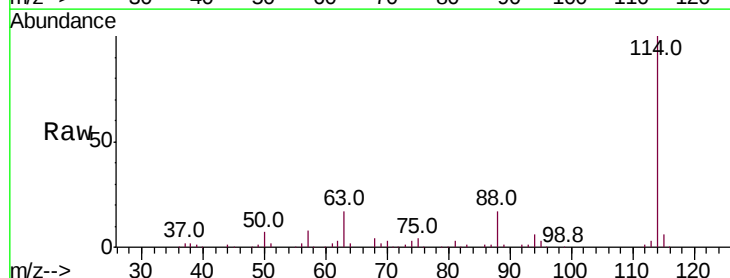
Tgt Ion: 114 Resp: 957311

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.2

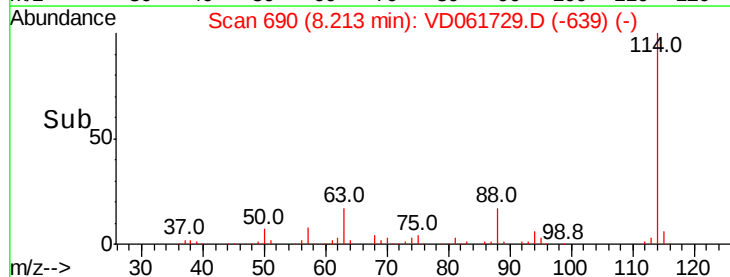
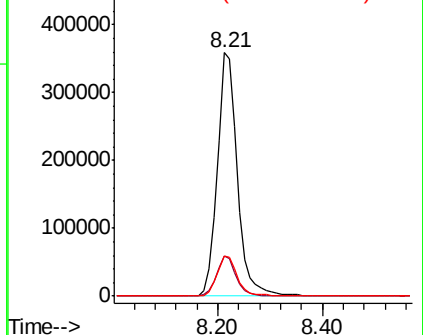
88 16.6 0.0 31.8

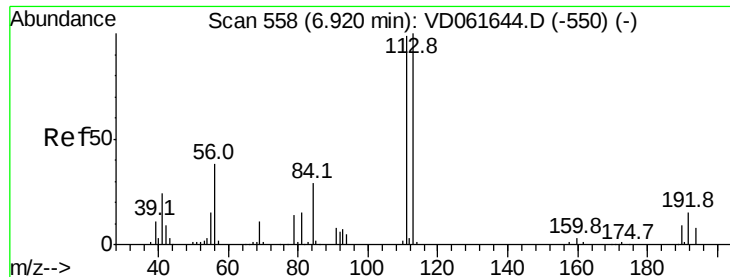


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

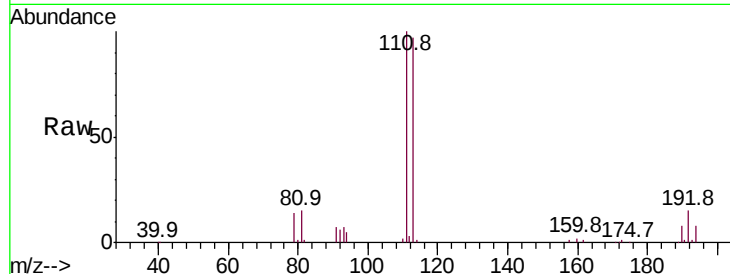




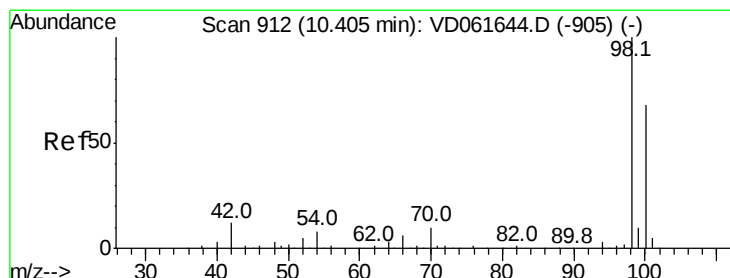
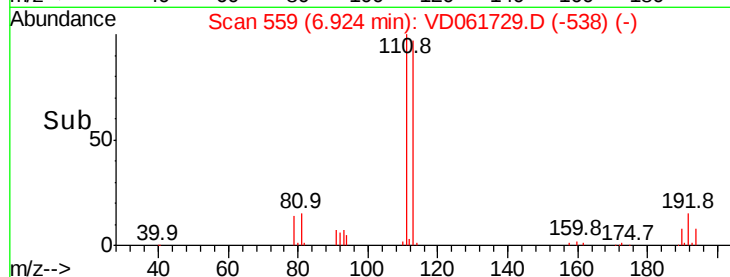
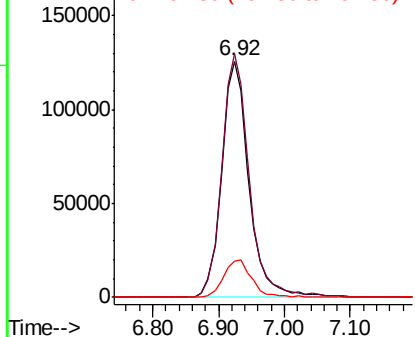
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061729.D
 Acq: 11 Apr 2019 00:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	79.3	118.9
192	15.1	12.3	18.5

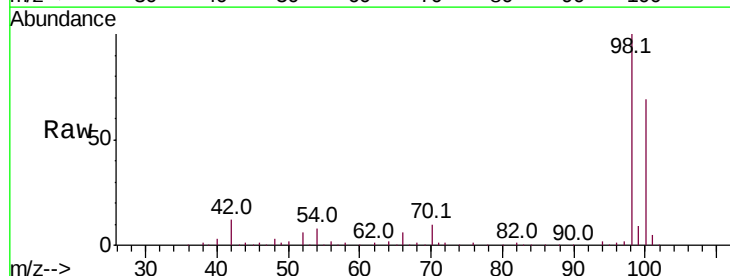


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

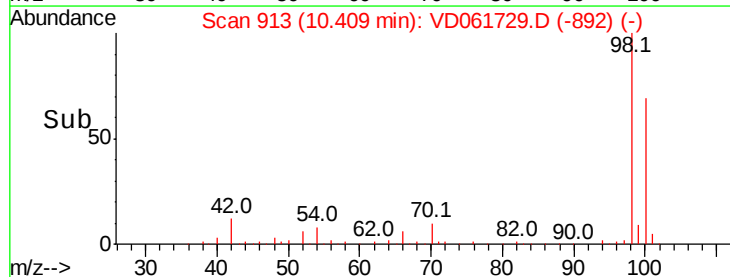
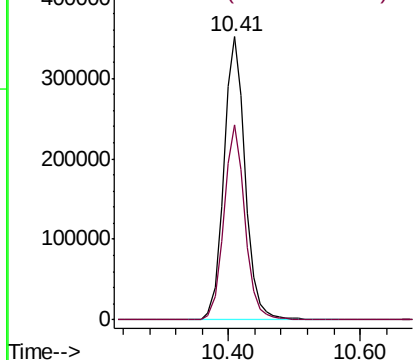


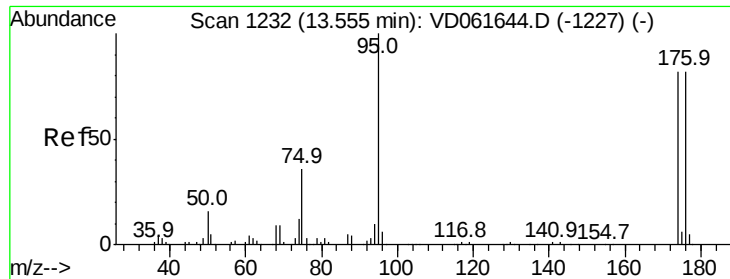
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD061729.D
 Acq: 11 Apr 2019 00:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.4	83.0



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

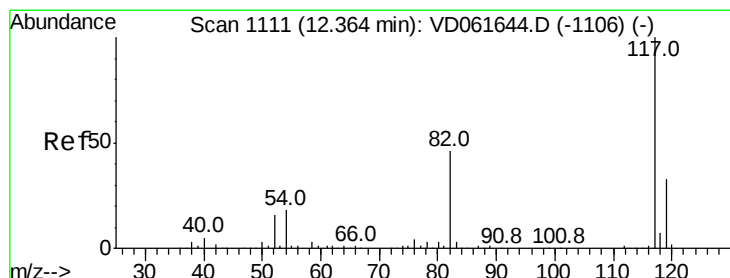
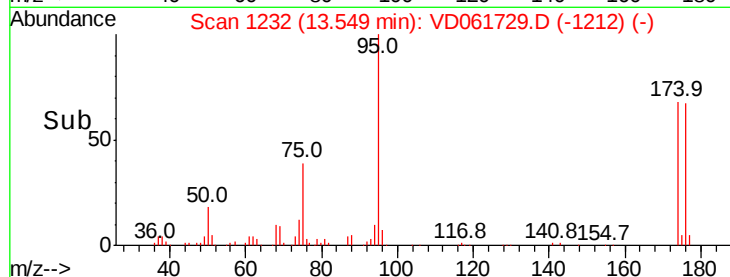
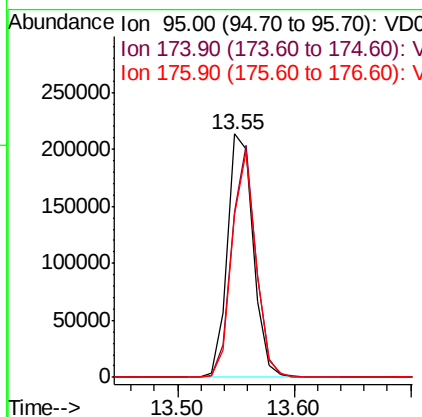
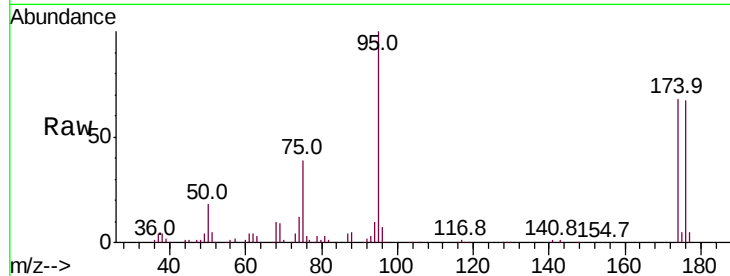




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061729.D
 Acq: 11 Apr 2019 00:07

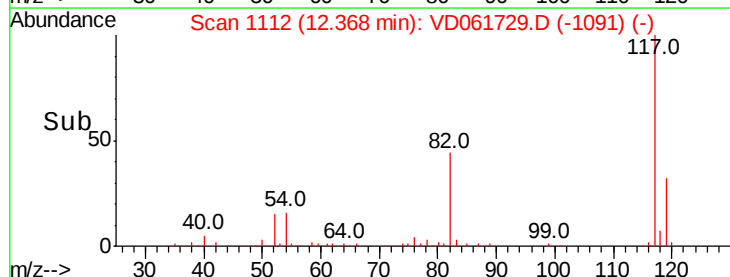
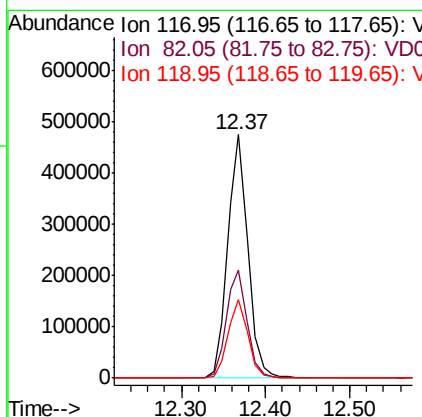
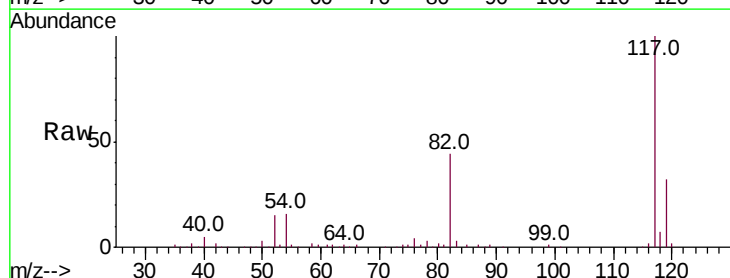
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL02

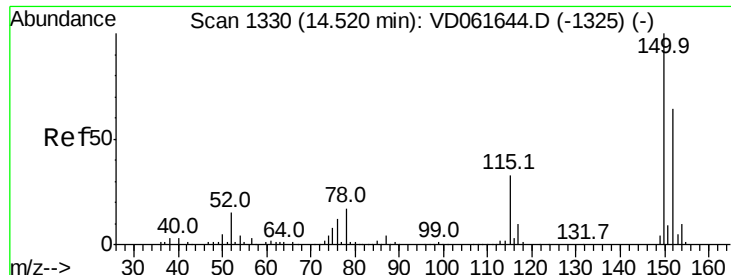
Tot Ion: 95 Resp: 328200
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 164.6
 176 67.1 0.0 165.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD061729.D
 Acq: 11 Apr 2019 00:07

Tgt Ion: 117 Resp: 786897
 Ion Ratio Lower Upper
 117 100
 82 44.2 36.8 55.2
 119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061729.D

Acq: 11 Apr 2019 00:07

Instrument :

MSVOA_D

ClientSampleId :

VD0410SBL02

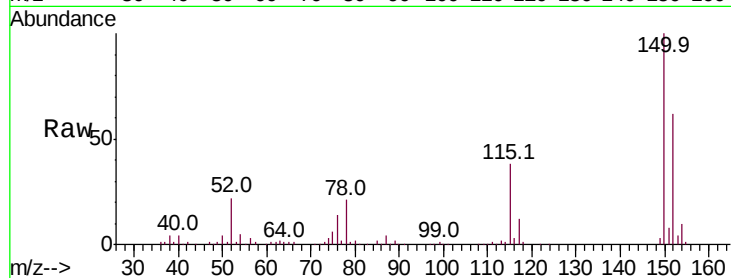
Tot Ion:152 Resp: 368729

Ion Ratio Lower Upper

152 100

115 60.5 26.4 79.2

150 161.3 0.0 320.6



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

