

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061113.D
 Acq On : 16 Mar 2019 16:59
 Operator : VA/AP
 Sample : K1911-04RE
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

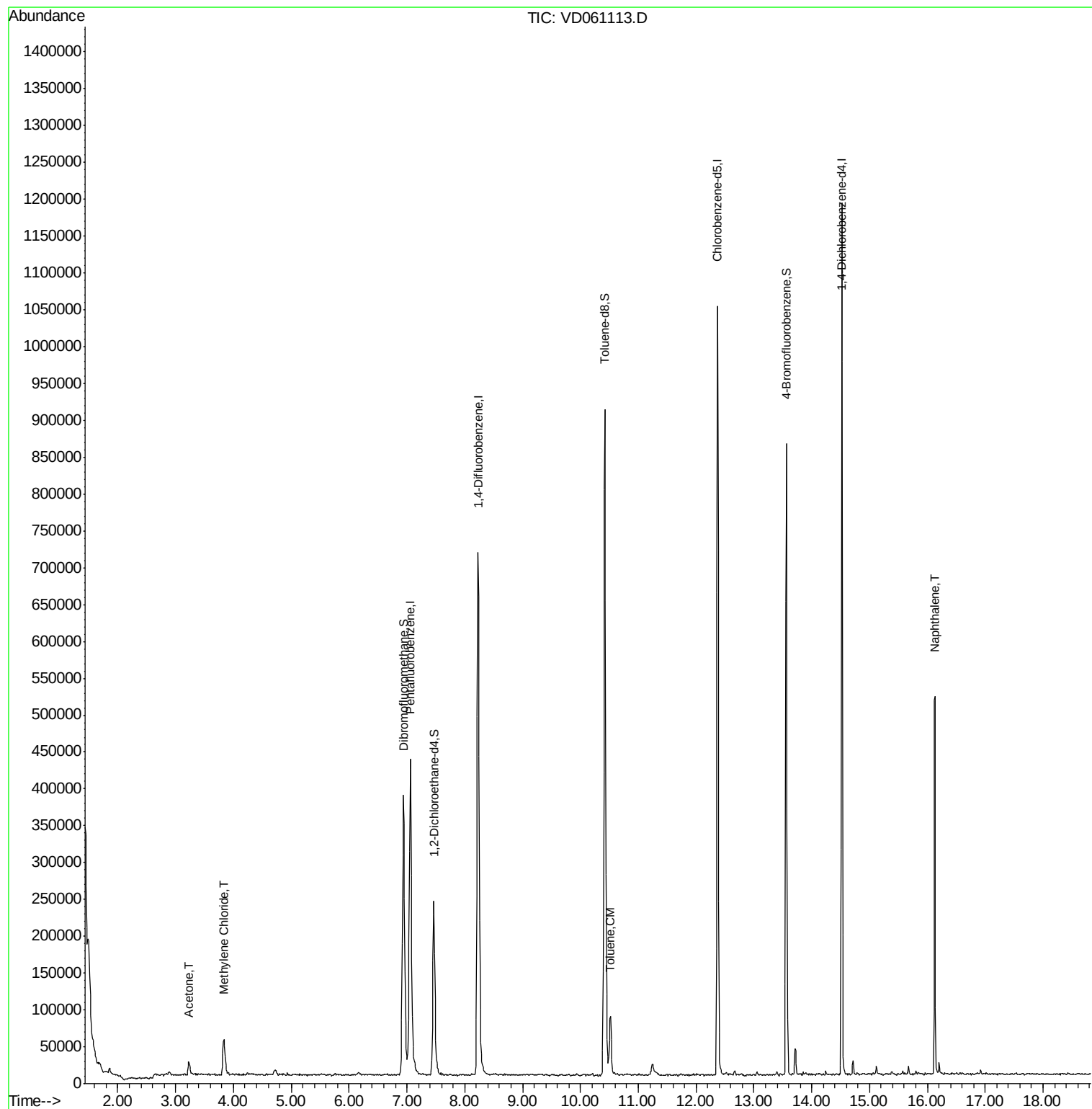
Quant Time: Mar 18 04:32:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

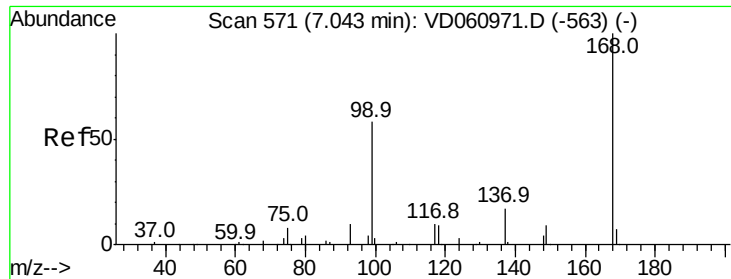
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	439713	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	871817	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	652467	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	284268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	223659	61.11	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.22%	
35) Dibromofluoromethane	6.94	113	364770	56.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.76%	
50) Toluene-d8	10.42	98	789888	48.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	13.56	95	275733	43.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	3.23	43	33270	31.787	ug/l	90
20) Methylene Chloride	3.84	84	36720	3.342	ug/l	90
52) Toluene	10.52	92	43139	3.694	ug/l	96
95) Naphthalene	16.13	128	378248	68.923	ug/l	100

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061113.D

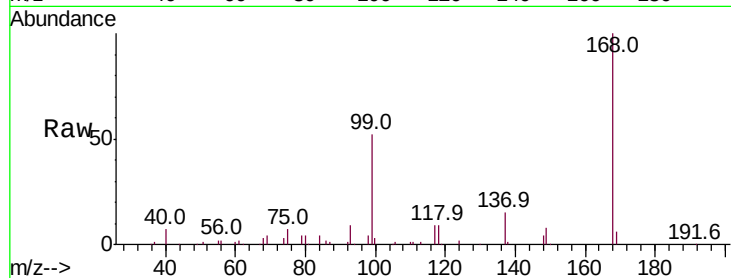
Acq: 16 Mar 2019 16:59

Tot Ion:168 Resp: 439713

Ion Ratio Lower Upper

168 100

99 51.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

150000

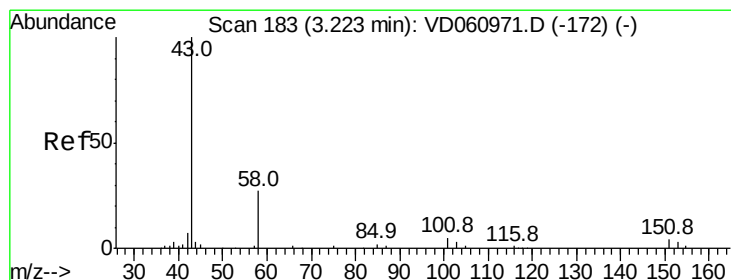
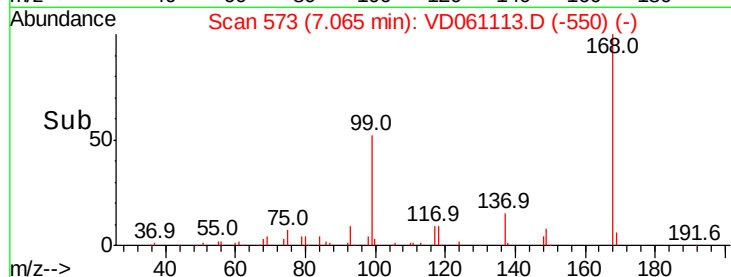
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 31.787 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061113.D

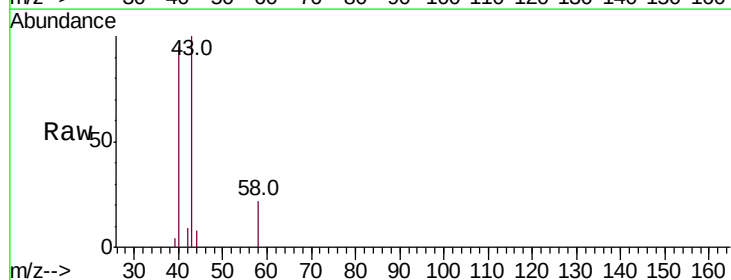
Acq: 16 Mar 2019 16:59

Tgt Ion: 43 Resp: 33270

Ion Ratio Lower Upper

43 100

58 21.9 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

15000

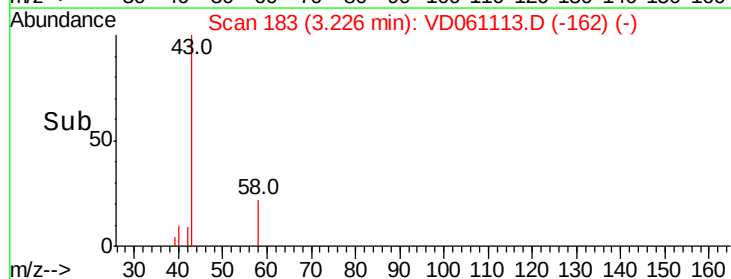
10000

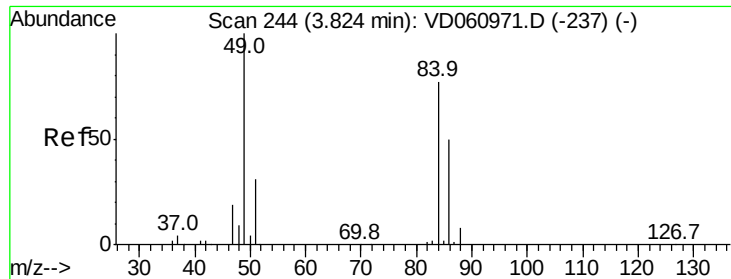
5000

0

Time-->

3.20 3.30





#20

Methylene Chloride

Concen: 3.342 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD061113.D

Acq: 16 Mar 2019 16:59

Tot Ion: 84 Resp: 36720

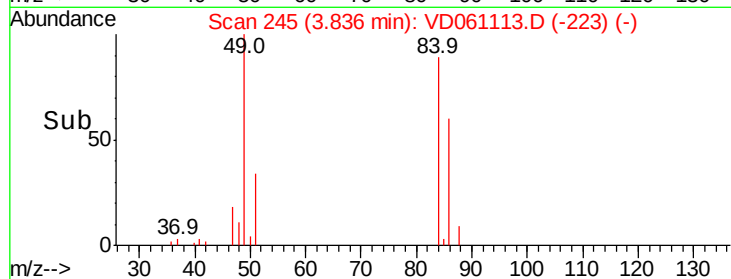
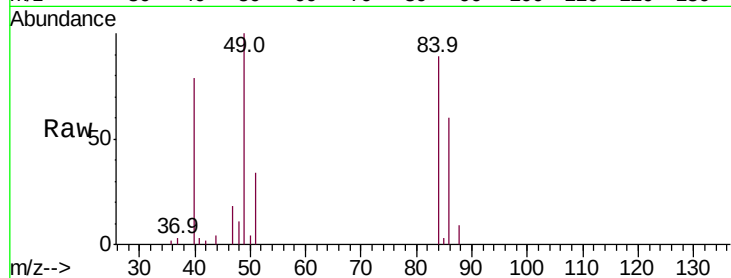
Ion Ratio Lower Upper

84 100

49 111.9 104.2 156.2

51 37.6 32.3 48.5

86 66.9 52.3 78.5

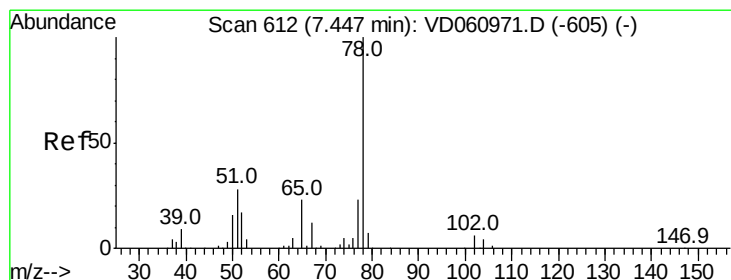
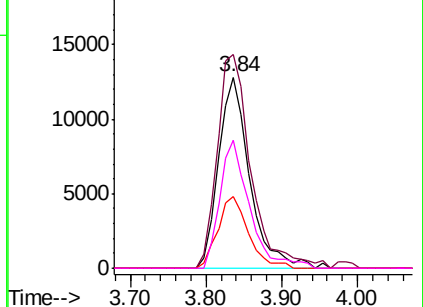


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061113.D

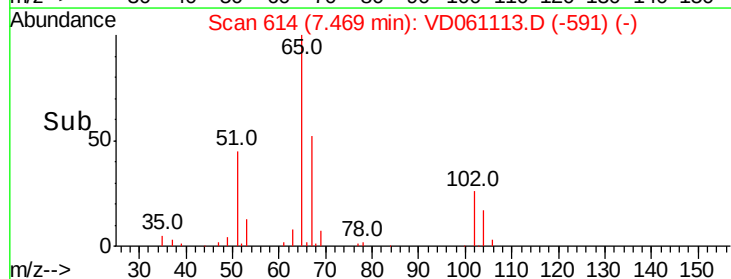
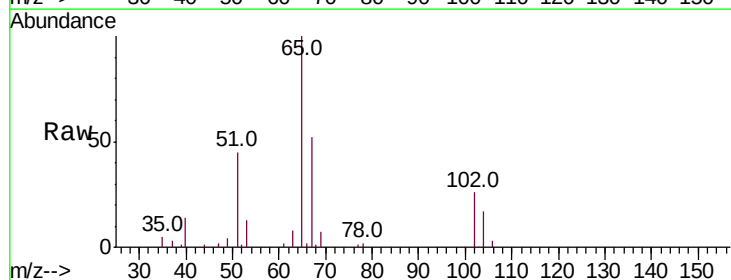
Acq: 16 Mar 2019 16:59

Tgt Ion: 65 Resp: 223659

Ion Ratio Lower Upper

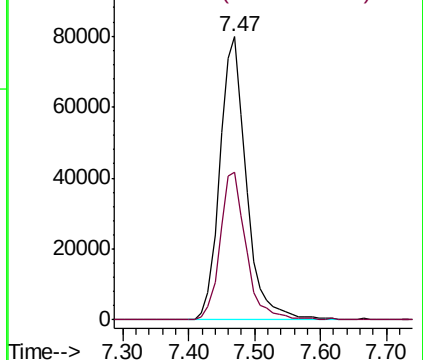
65 100

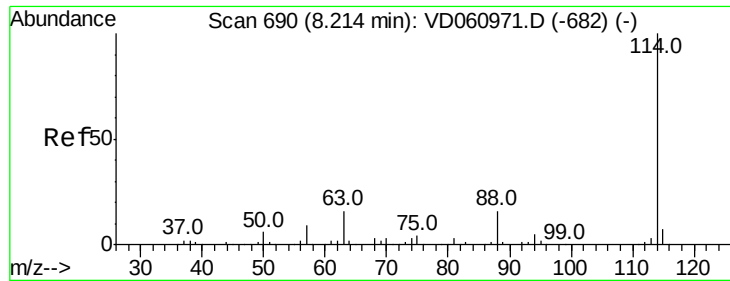
67 52.2 0.0 105.2



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061113.D

Acq: 16 Mar 2019 16:59

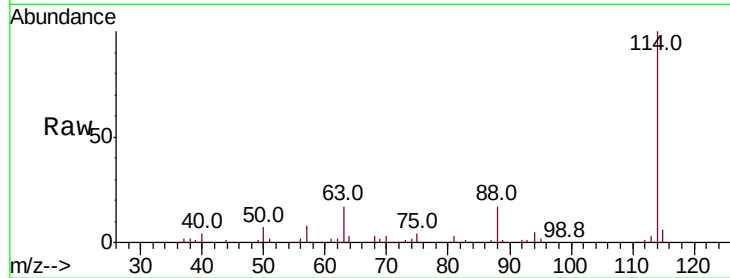
Tot Ion:114 Resp: 871817

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.4

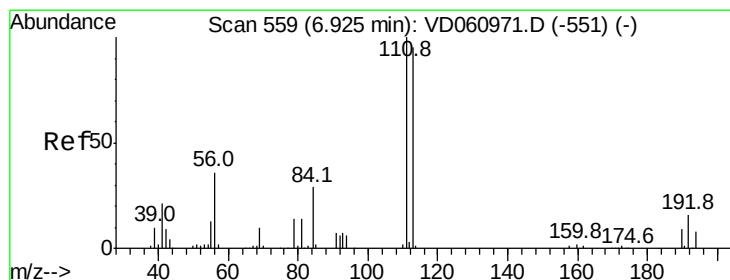
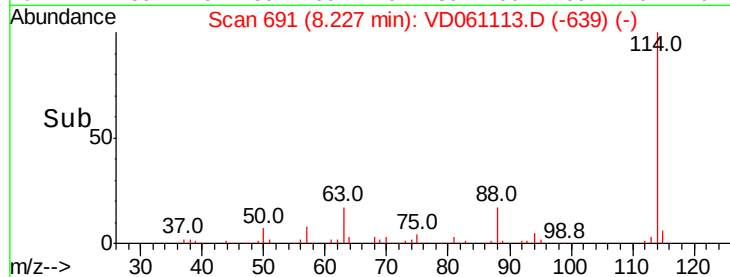
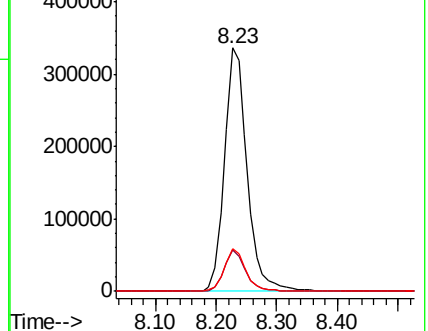
88 17.4 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061113.D

Acq: 16 Mar 2019 16:59

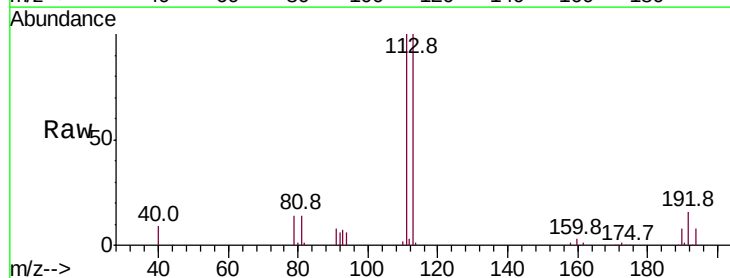
Tgt Ion:113 Resp: 364770

Ion Ratio Lower Upper

113 100

111 99.9 84.2 126.4

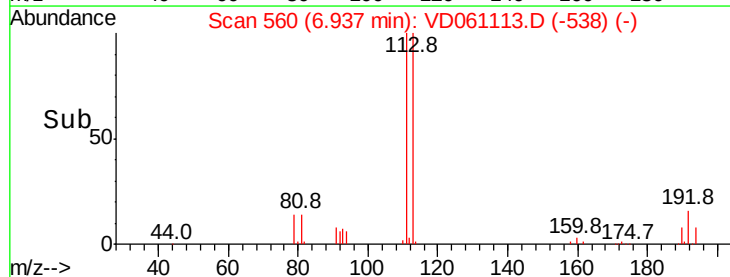
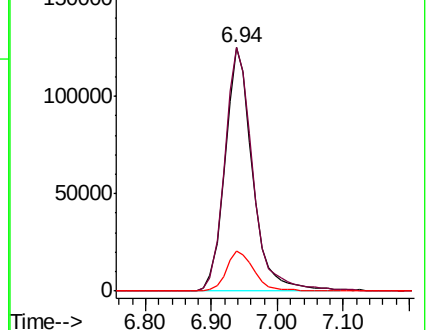
192 16.5 13.1 19.7

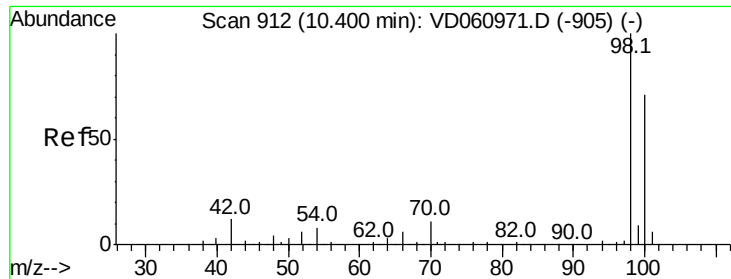


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

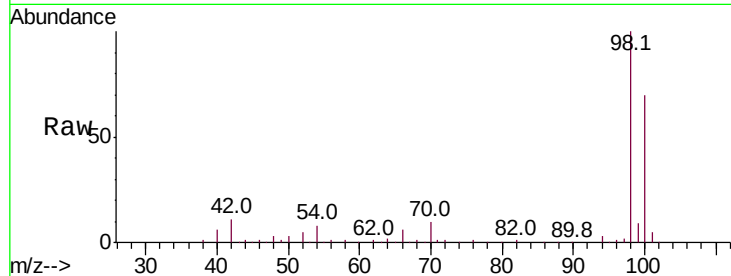
Ion 191.80 (191.50 to 192.50): V



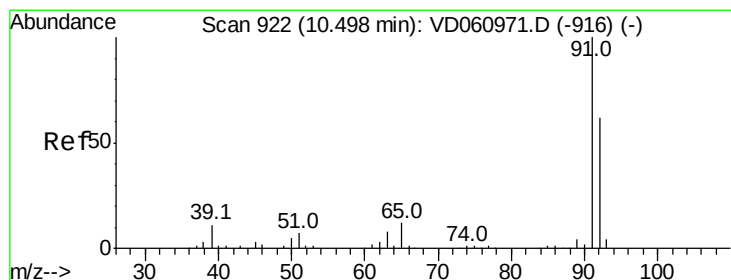
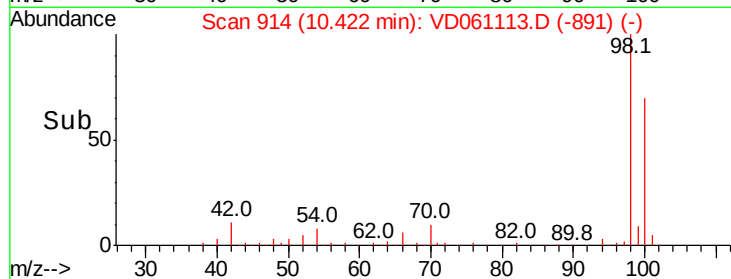
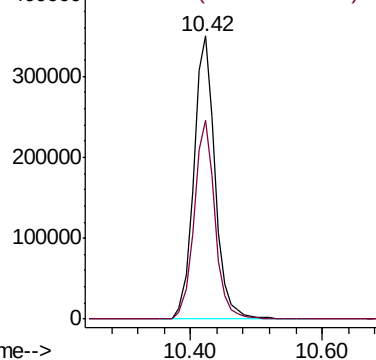


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061113.D
Acq: 16 Mar 2019 16:59

Tot Ion: 98 Resp: 789888
Ion Ratio Lower Upper
98 100
100 70.4 57.4 86.2

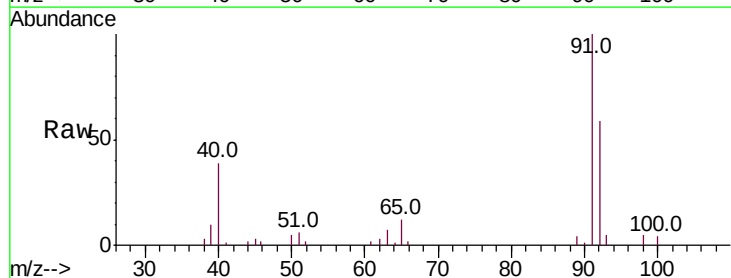


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

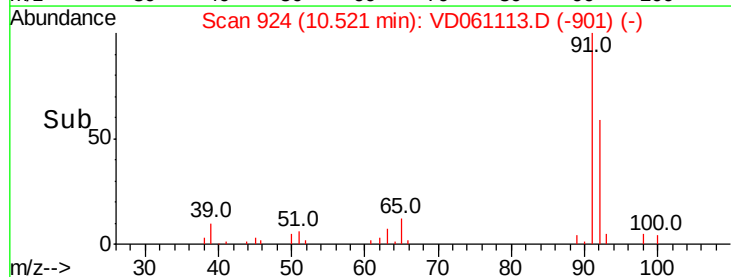
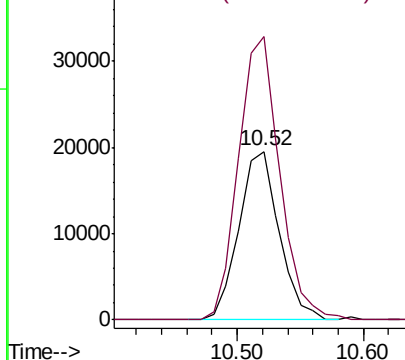


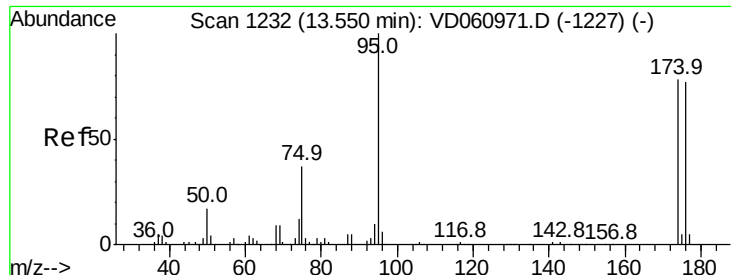
#52
Toluene
Concen: 3.694 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD061113.D
Acq: 16 Mar 2019 16:59

Tgt Ion: 92 Resp: 43139
Ion Ratio Lower Upper
92 100
91 168.2 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VD0
Ion 91.00 (90.70 to 91.70): VD0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061113.D

Acq: 16 Mar 2019 16:59

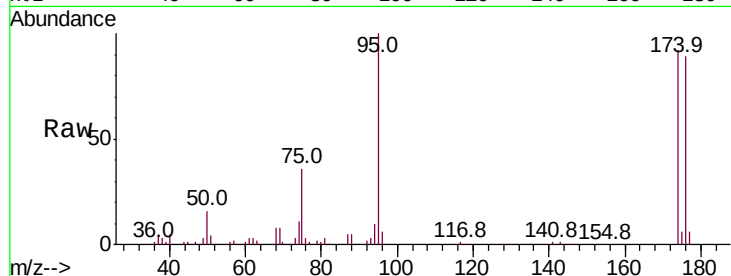
Tot Ion: 95 Resp: 275733

Ion Ratio Lower Upper

95 100

174 92.1 0.0 155.6

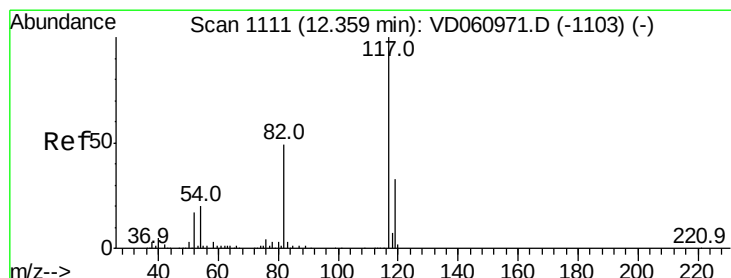
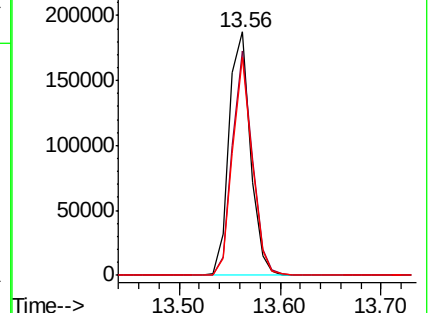
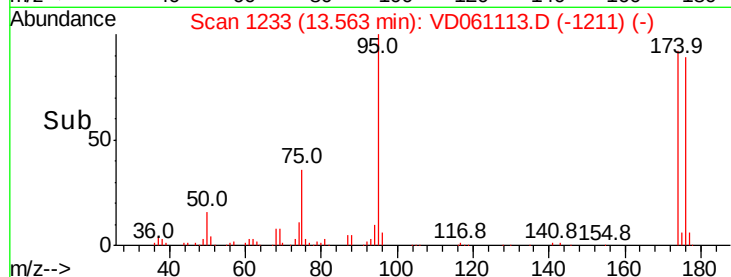
176 89.5 0.0 153.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061113.D

Acq: 16 Mar 2019 16:59

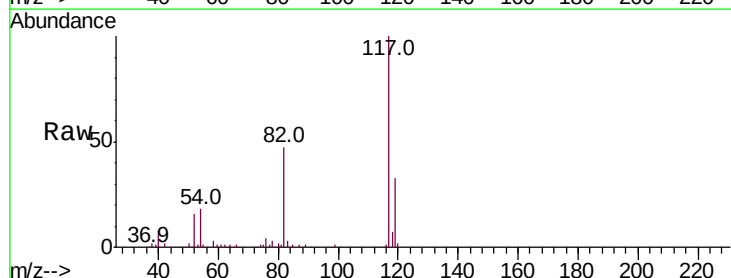
Tgt Ion: 117 Resp: 652467

Ion Ratio Lower Upper

117 100

82 46.7 38.9 58.3

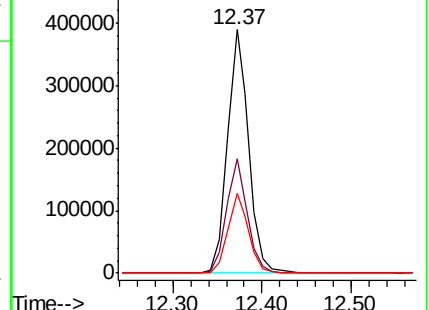
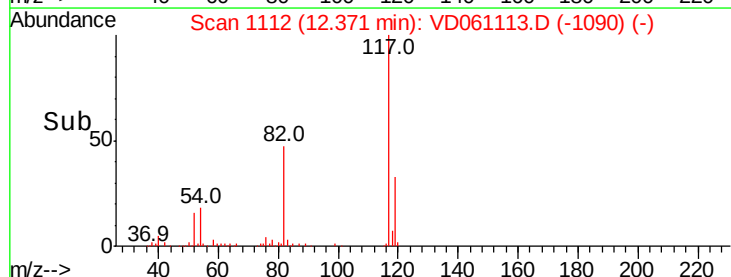
119 32.6 26.6 39.8

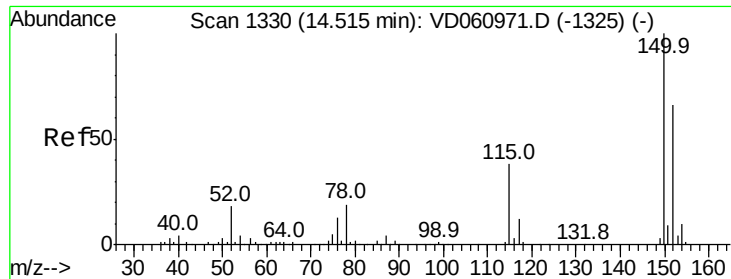


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

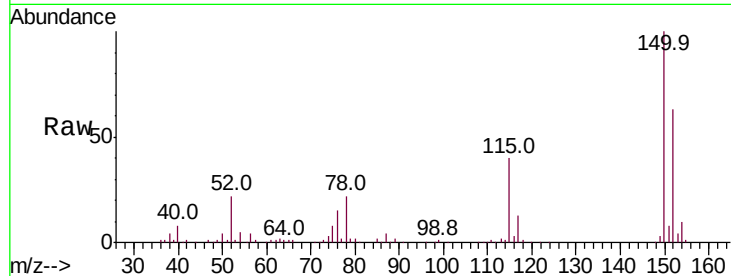




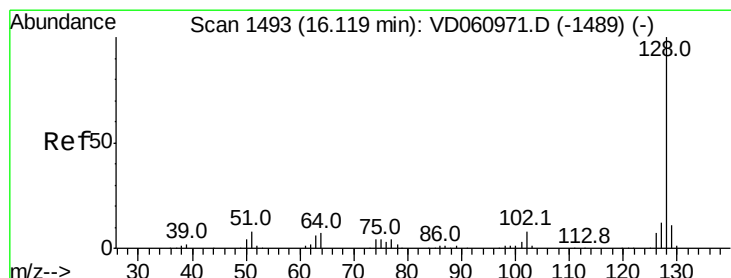
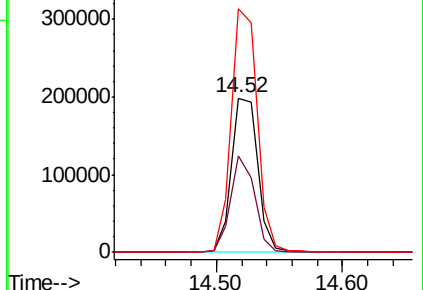
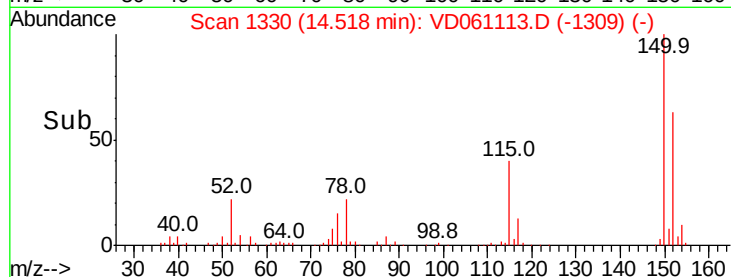
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061113.D
Acq: 16 Mar 2019 16:59

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.6	85.9
150	157.5	0.0	310.6



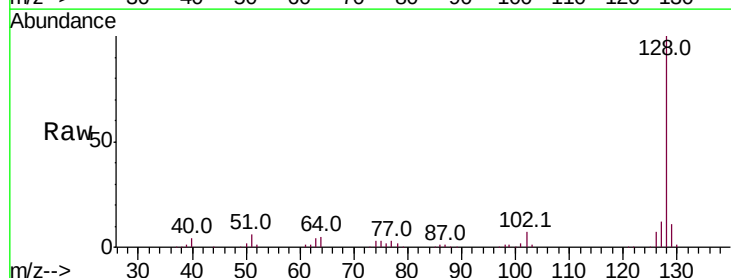
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 68.923 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD061113.D
Acq: 16 Mar 2019 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.8
129	10.8	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

