

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061041.D
 Acq On : 13 Mar 2019 14:46
 Operator : VA/AP
 Sample : K1866-07
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

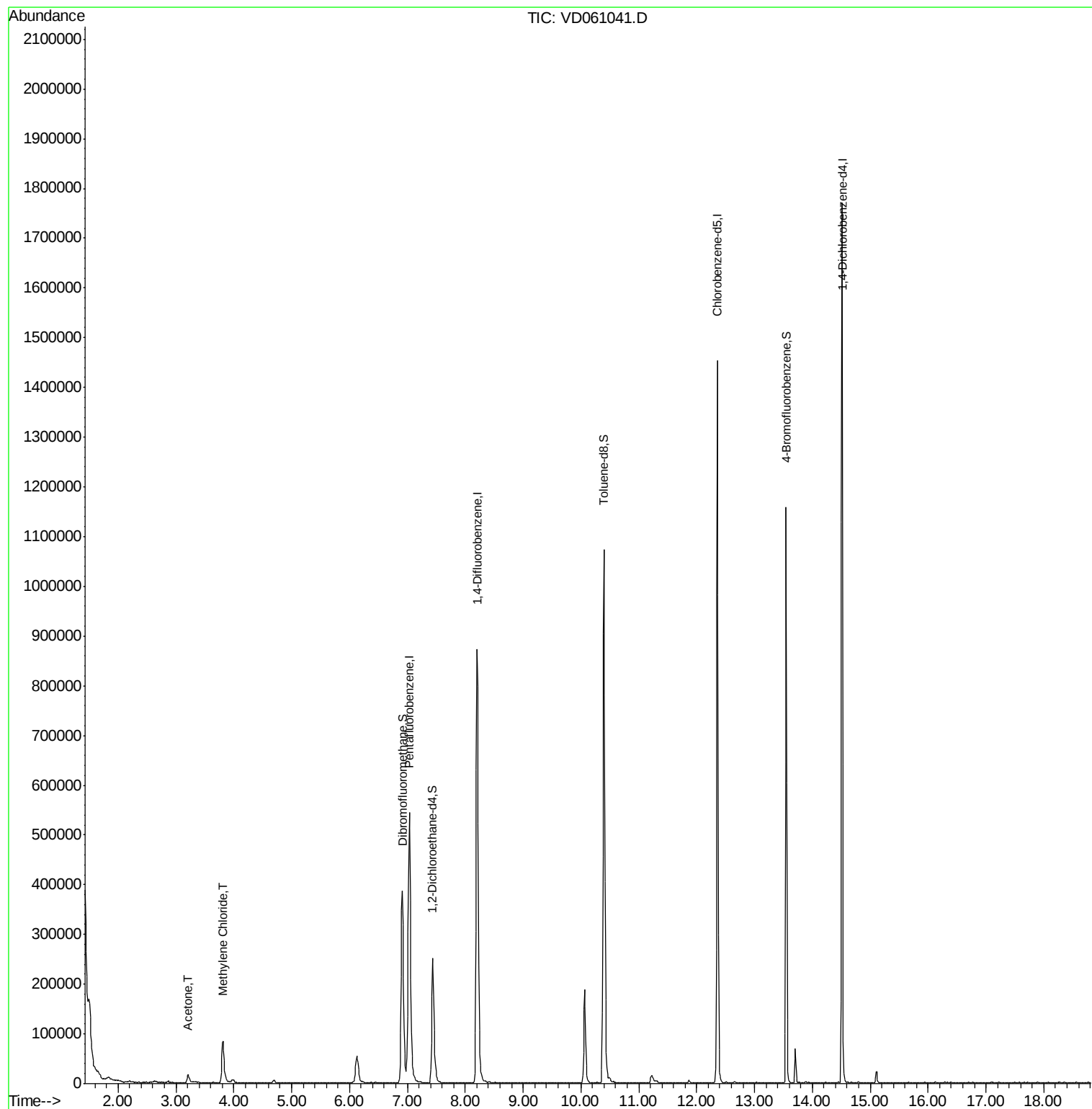
Quant Time: Mar 14 02:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	602950	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1084470	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	915246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	404878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	235777	46.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	6.91	113	372455	46.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.40	98	934199	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
62) 4-Bromofluorobenzene	13.55	95	356736	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	3.21	43	33903	23.623	ug/l	96
20) Methylene Chloride	3.81	84	64282	5.690	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061041.D

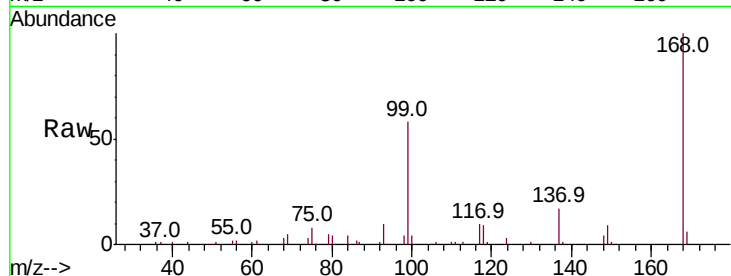
Acq: 13 Mar 2019 14:46

Tot Ion:168 Resp: 602950

Ion Ratio Lower Upper

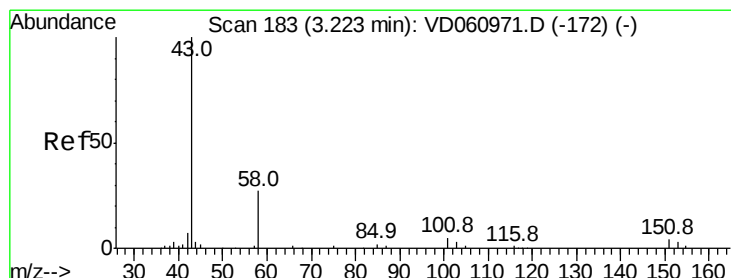
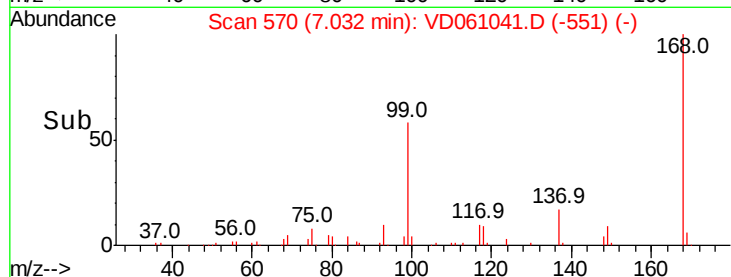
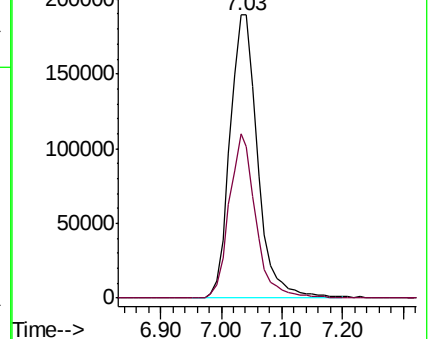
168 100

99 58.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 23.623 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061041.D

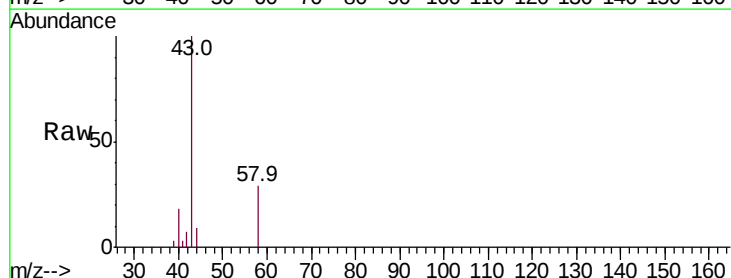
Acq: 13 Mar 2019 14:46

Tgt Ion: 43 Resp: 33903

Ion Ratio Lower Upper

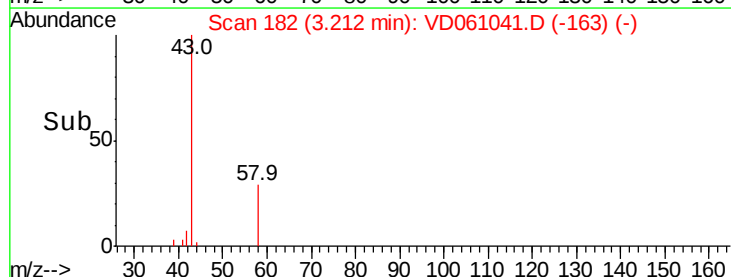
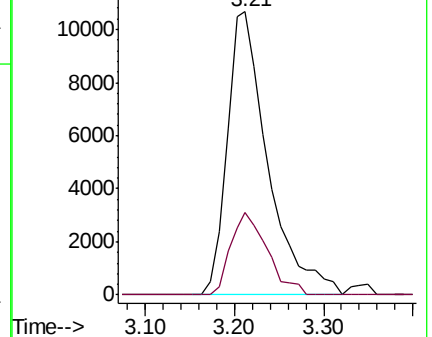
43 100

58 29.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

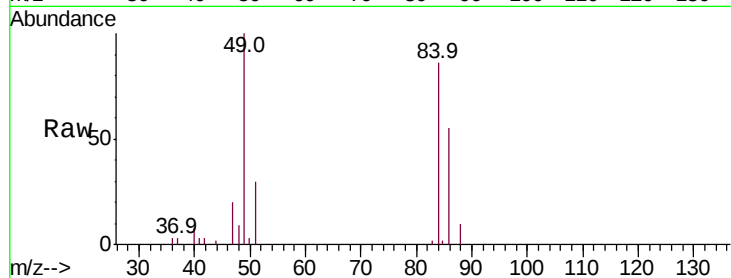




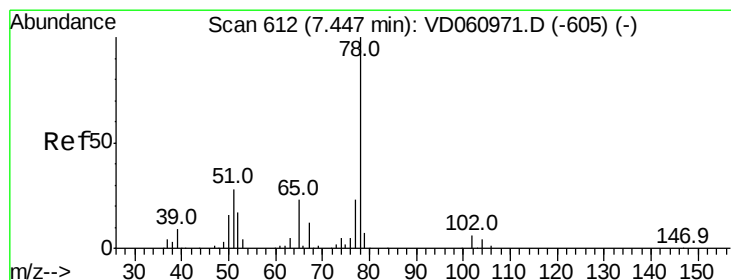
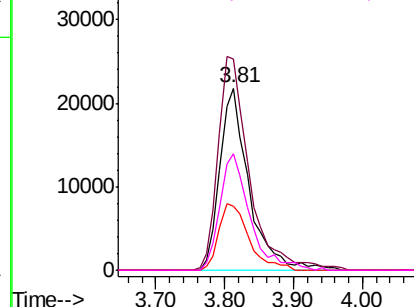
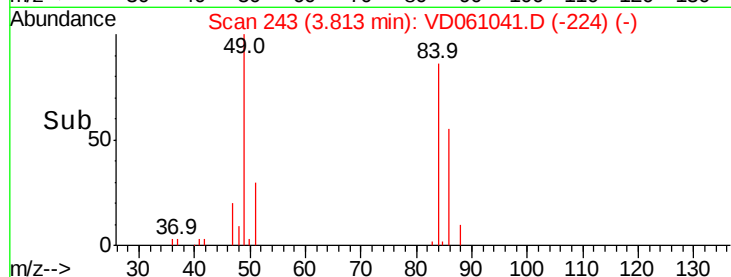
#20
Methvlene Chloride
Concen: 5.690 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061041.D
Acq: 13 Mar 2019 14:46

Tot Ion: 84 Resp: 64282

Ion	Ratio	Lower	Upper
84	100		
49	116.2	104.2	156.2
51	34.8	32.3	48.5
86	64.3	52.3	78.5



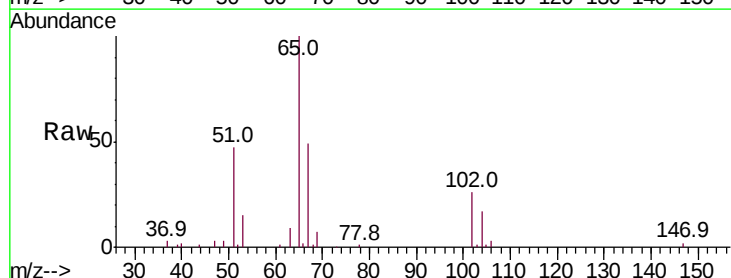
Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



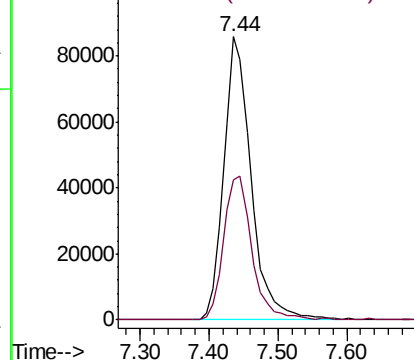
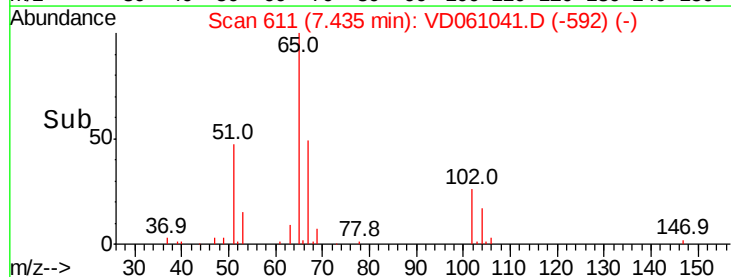
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061041.D
Acq: 13 Mar 2019 14:46

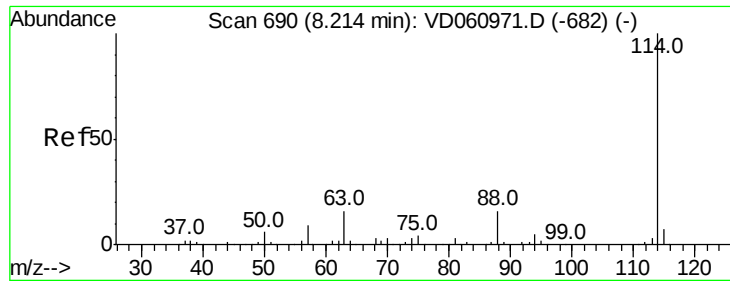
Tgt Ion: 65 Resp: 235777

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

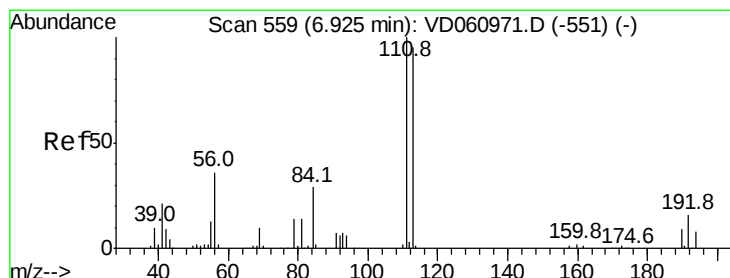
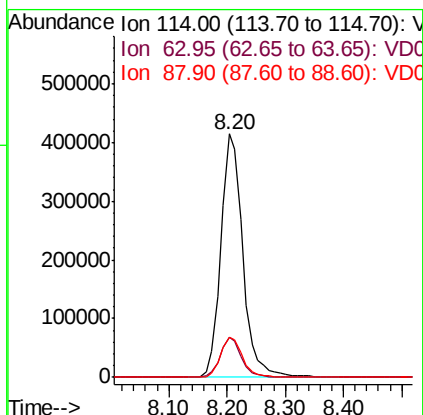
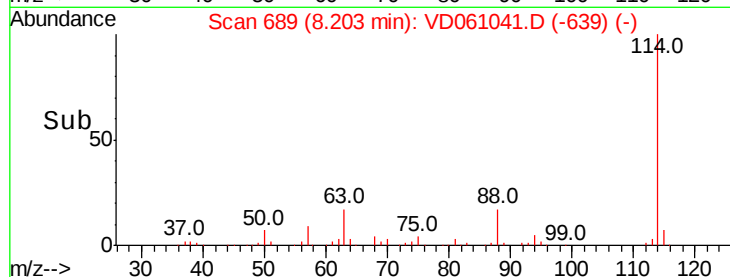
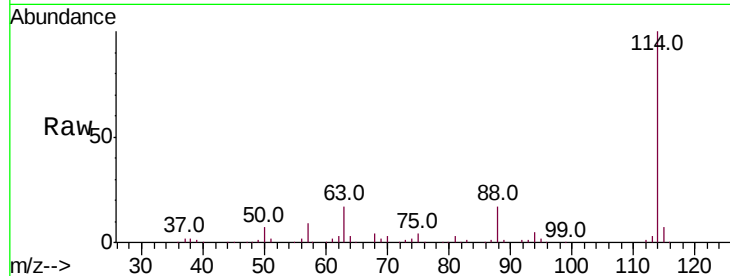




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061041.D
 Acq: 13 Mar 2019 14:46

Tot Ion:114 Resp: 1084470

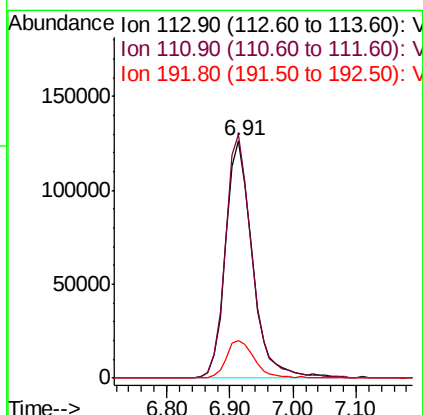
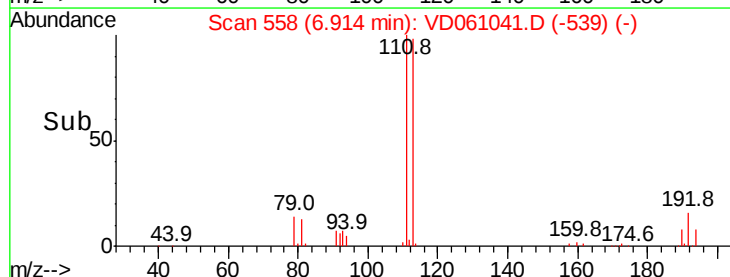
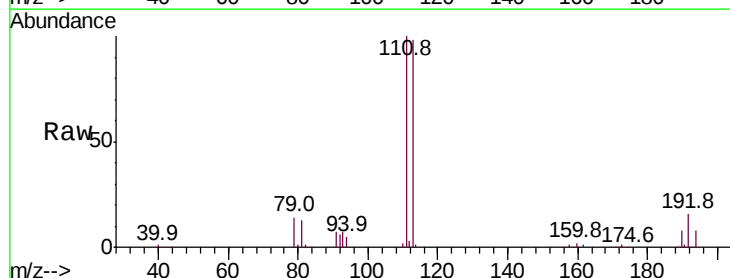
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	31.4
88	16.7	0.0	33.0

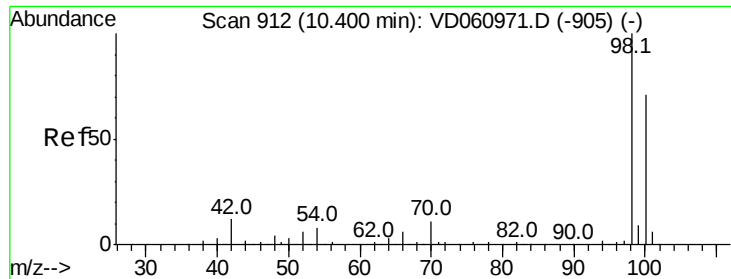


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061041.D
 Acq: 13 Mar 2019 14:46

Tgt Ion:113 Resp: 372455

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.2	126.4
192	16.0	13.1	19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061041.D

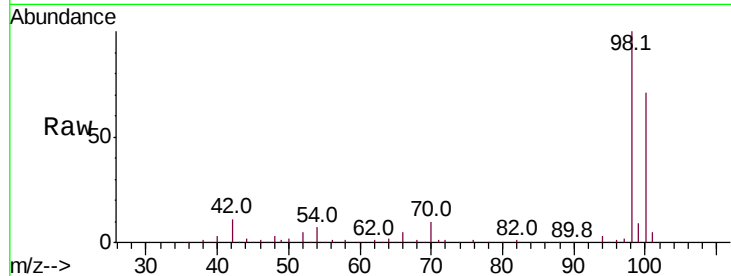
Acq: 13 Mar 2019 14:46

Tot Ion: 98 Resp: 934199

Ion Ratio Lower Upper

98 100

100 70.6 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

400000

300000

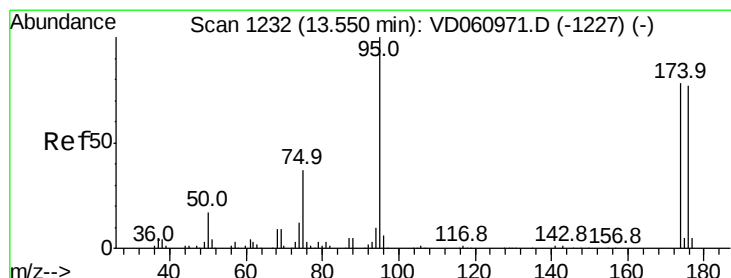
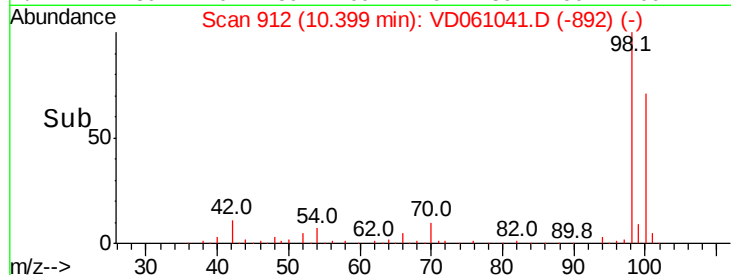
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061041.D

Acq: 13 Mar 2019 14:46

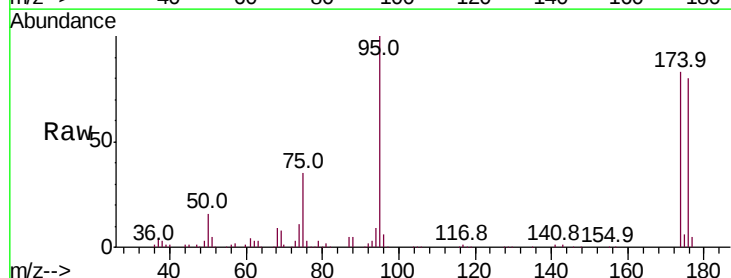
Tgt Ion: 95 Resp: 356736

Ion Ratio Lower Upper

95 100

174 82.7 0.0 155.6

176 79.8 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

300000

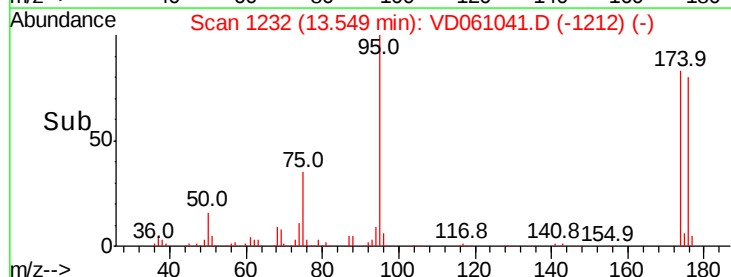
200000

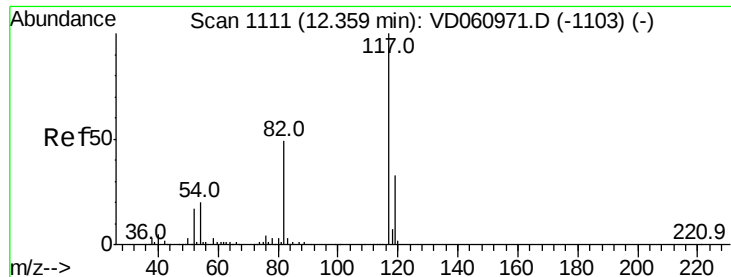
100000

0

Time-->

13.50 13.55 13.60





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061041.D

Acq: 13 Mar 2019 14:46

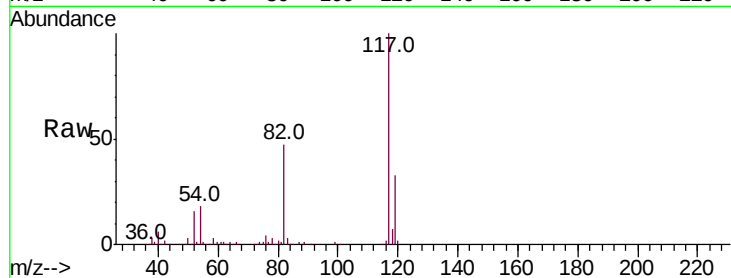
Tot Ion:117 Resp: 915246

Ion Ratio Lower Upper

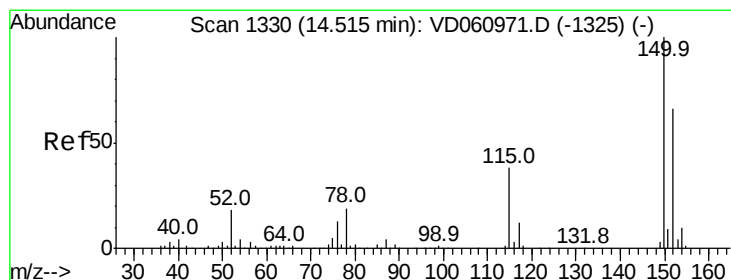
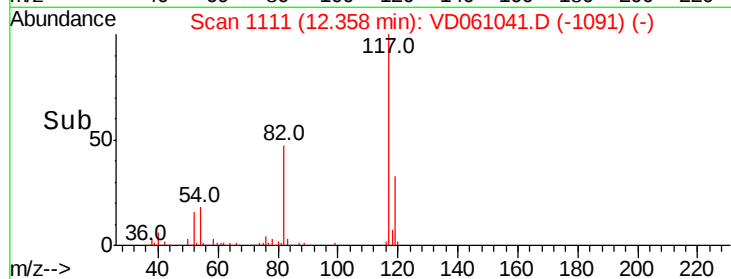
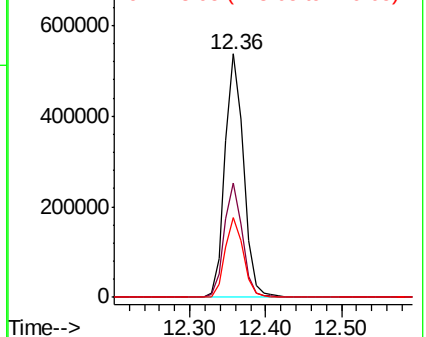
117 100

82 47.2 38.9 58.3

119 32.9 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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061041.D

Acq: 13 Mar 2019 14:46

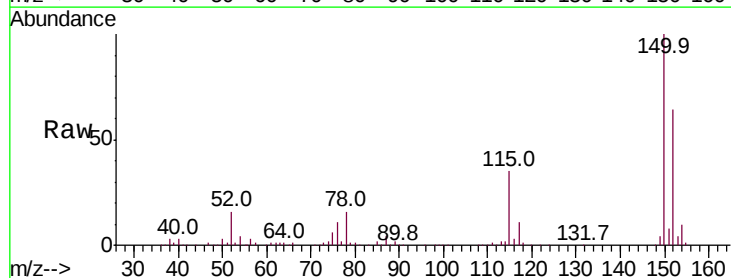
Tgt Ion:152 Resp: 404878

Ion Ratio Lower Upper

152 100

115 54.4 28.6 85.9

150 156.7 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

