

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061045.D
 Acq On : 13 Mar 2019 16:36
 Operator : VA/AP
 Sample : K1847-03
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

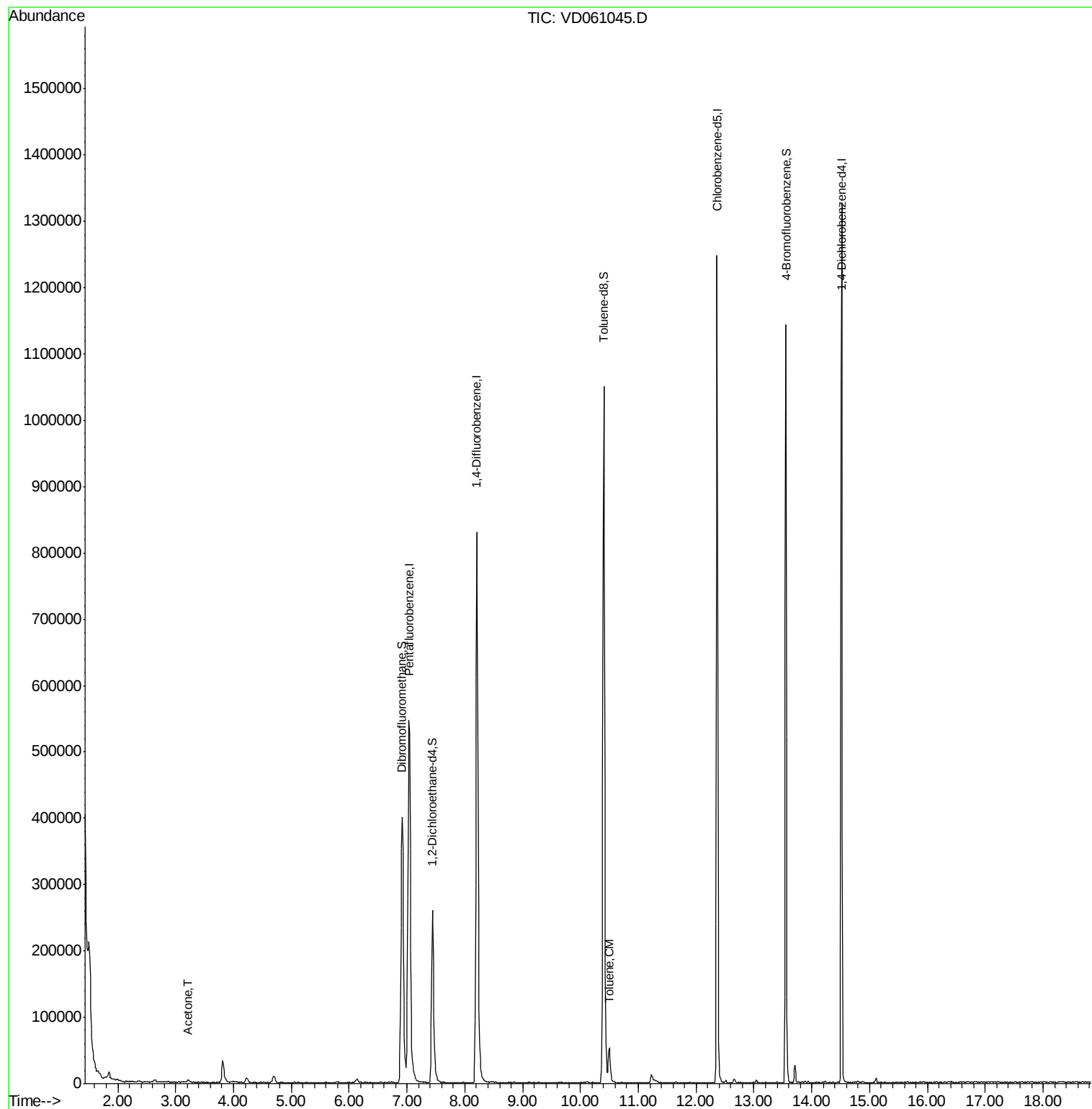
Quant Time: Mar 14 03:14:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	583277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1045439	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	776884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	314189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	255267	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	6.92	113	397553	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.40	98	917111	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	13.55	95	348792	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	3.22	43	8891	6.404	ug/l #	78
52) Toluene	10.50	92	30269	2.162	ug/l	98

(#) = 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: VD061045.D

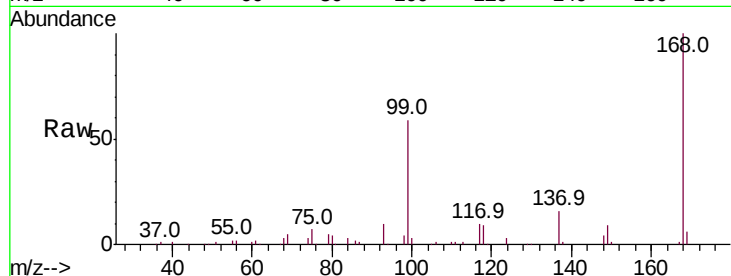
Acq: 13 Mar 2019 16:36

Tot Ion:168 Resp: 583277

Ion Ratio Lower Upper

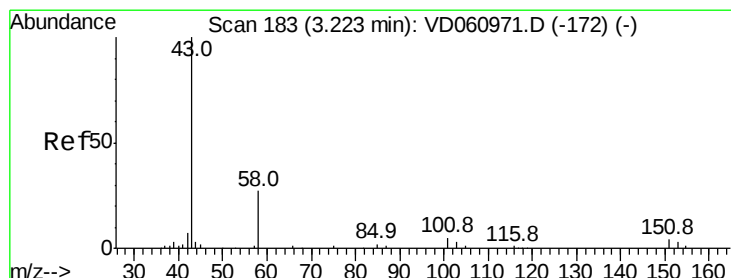
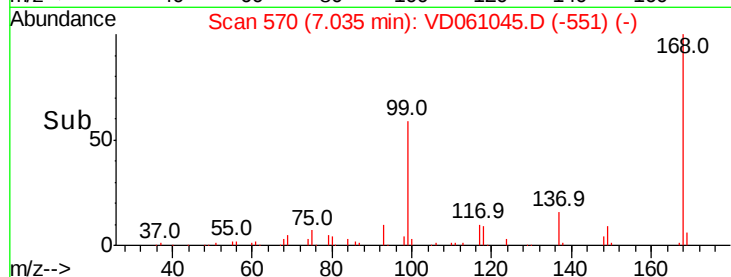
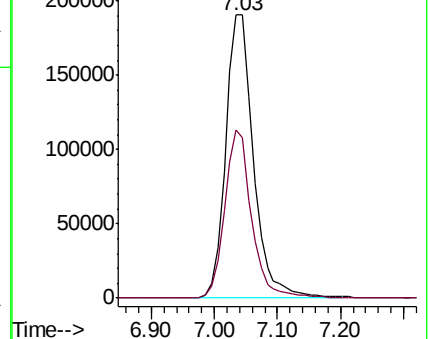
168 100

99 59.3 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: 6.404 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061045.D

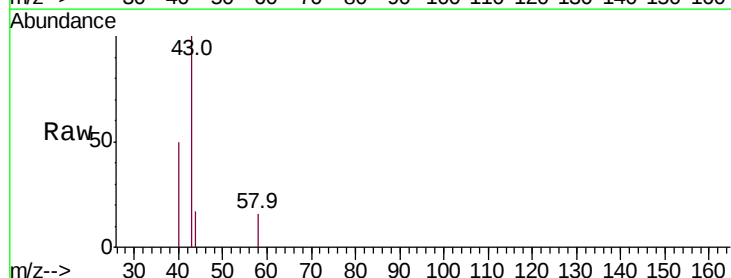
Acq: 13 Mar 2019 16:36

Tgt Ion: 43 Resp: 8891

Ion Ratio Lower Upper

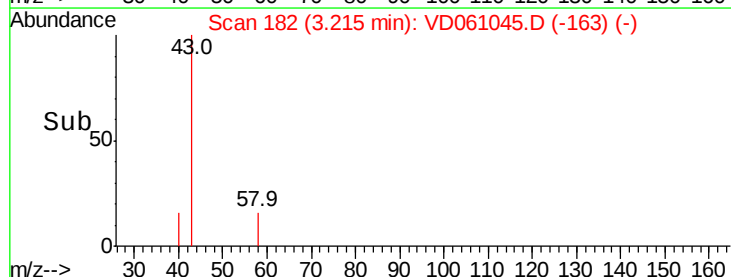
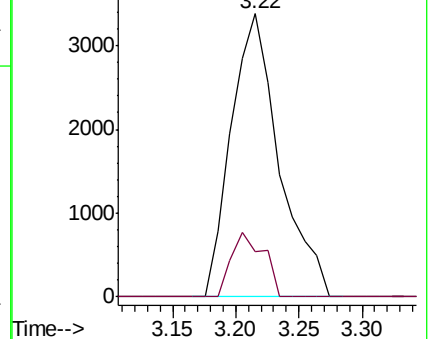
43 100

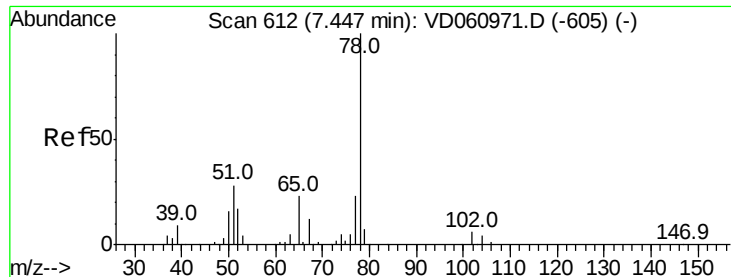
58 15.9 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): 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: VD061045.D

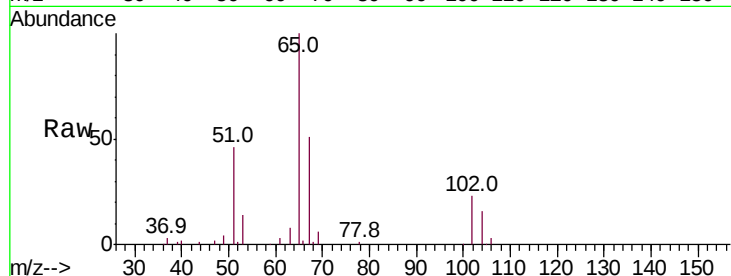
Acq: 13 Mar 2019 16:36

Tot Ion: 65 Resp: 255267

Ion Ratio Lower Upper

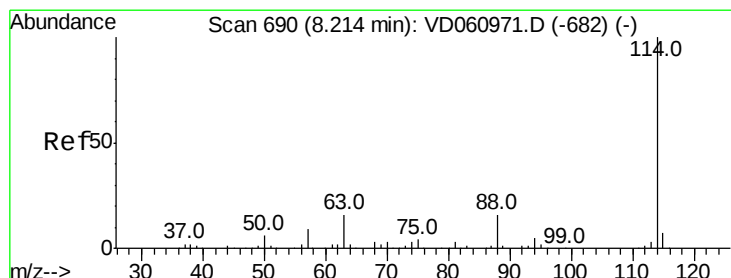
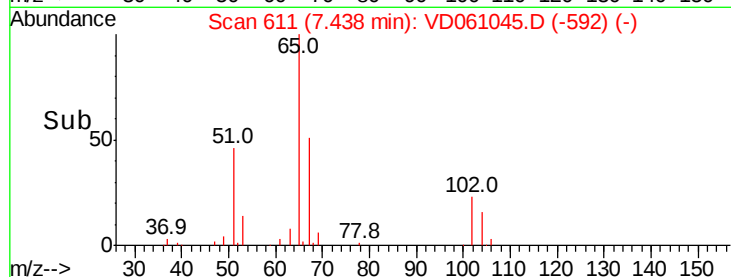
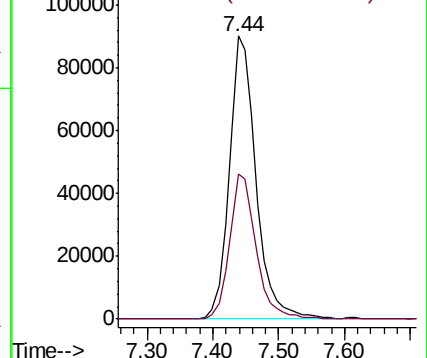
65 100

67 51.5 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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061045.D

Acq: 13 Mar 2019 16:36

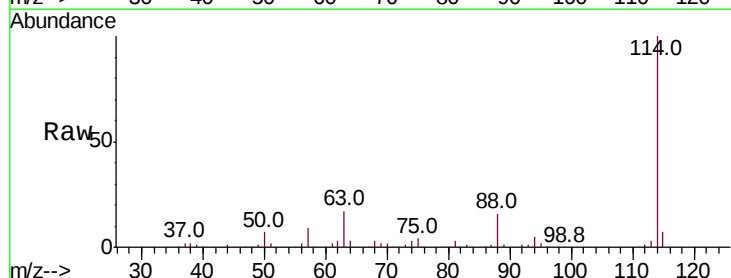
Tgt Ion: 114 Resp: 1045439

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.4

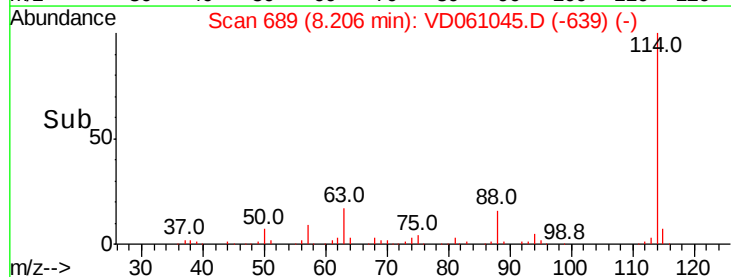
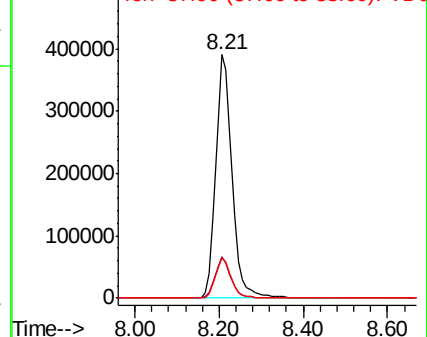
88 16.4 0.0 33.0

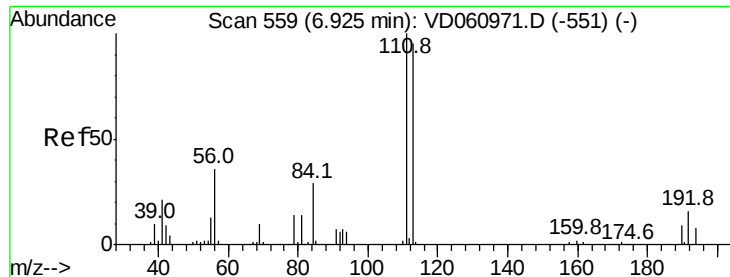


Abundance Ion 114.00 (113.70 to 114.70): V

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# 558

Delta R.T. -0.01 min

Lab File: VD061045.D

Acq: 13 Mar 2019 16:36

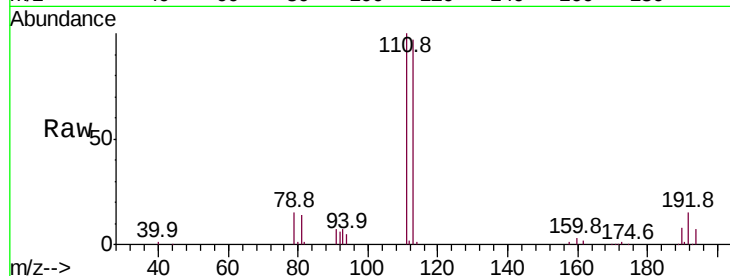
Tot Ion:113 Resp: 397553

Ion Ratio Lower Upper

113 100

111 102.9 84.2 126.4

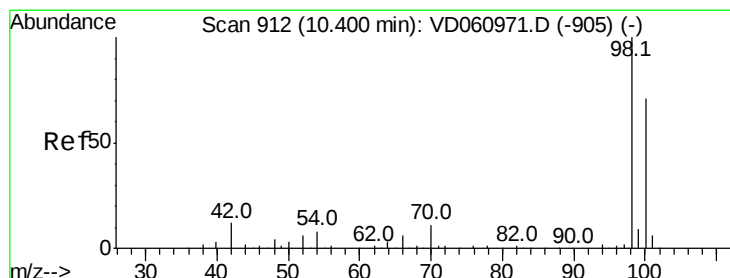
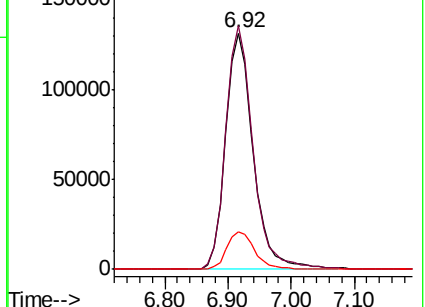
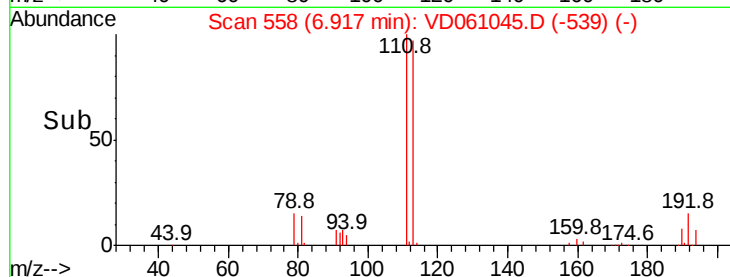
192 15.7 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061045.D

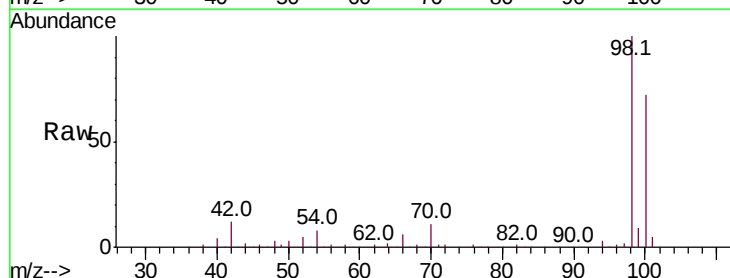
Acq: 13 Mar 2019 16:36

Tgt Ion: 98 Resp: 917111

Ion Ratio Lower Upper

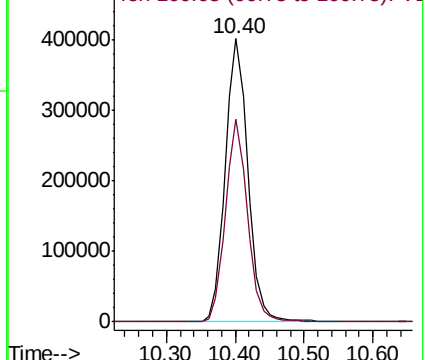
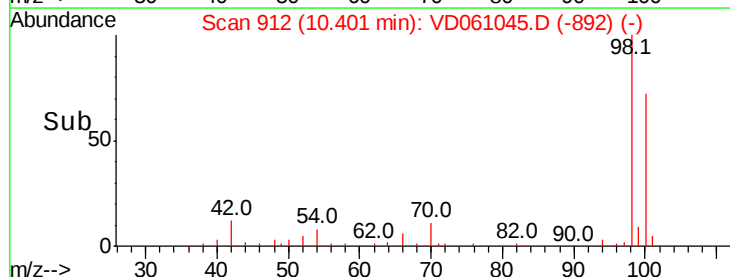
98 100

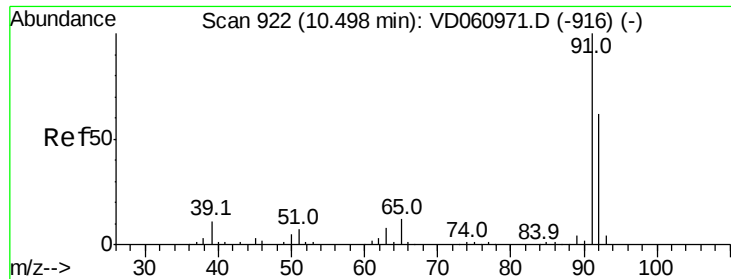
100 71.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.162 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD061045.D

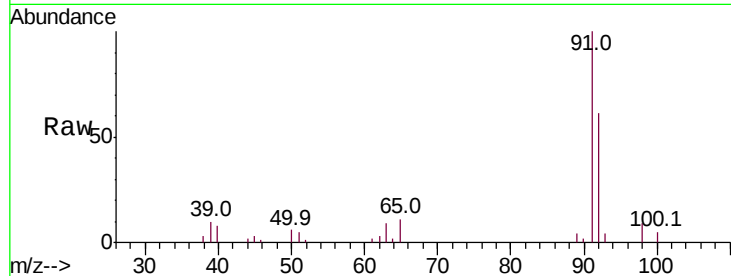
Acq: 13 Mar 2019 16:36

Tot Ion: 92 Resp: 30269

Ion Ratio Lower Upper

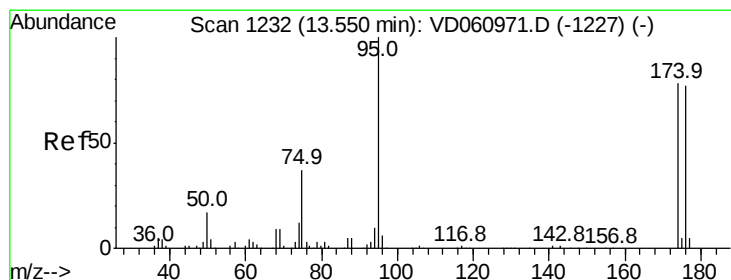
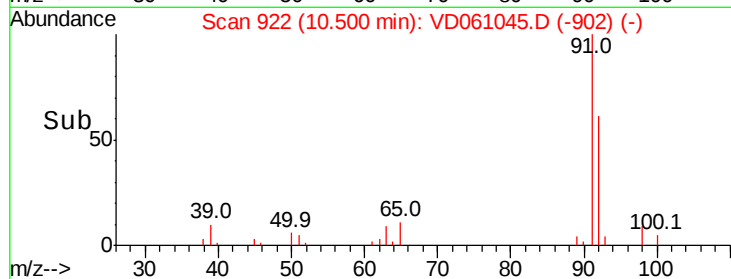
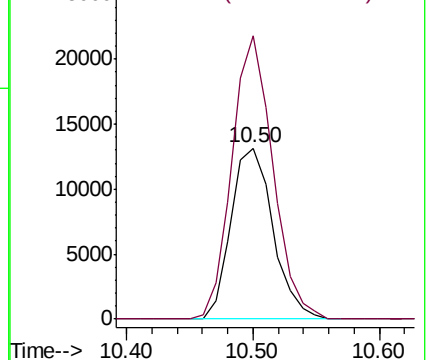
92 100

91 165.3 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061045.D

Acq: 13 Mar 2019 16:36

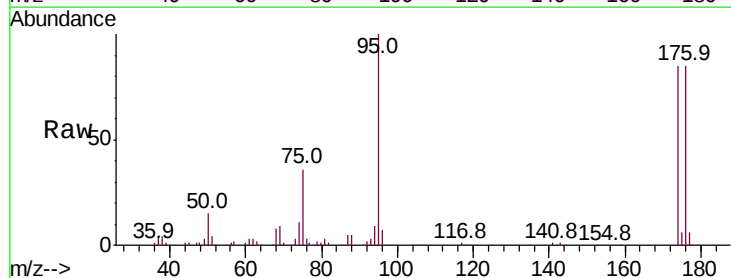
Tgt Ion: 95 Resp: 348792

Ion Ratio Lower Upper

95 100

174 84.8 0.0 155.6

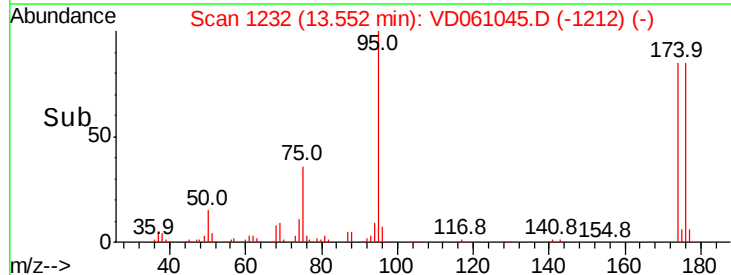
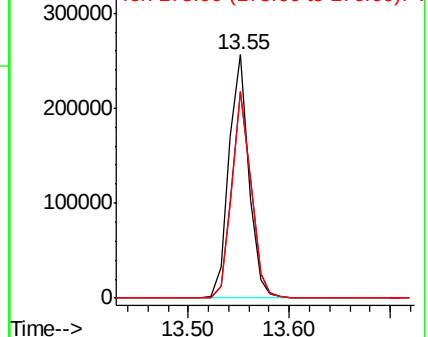
176 84.7 0.0 153.8

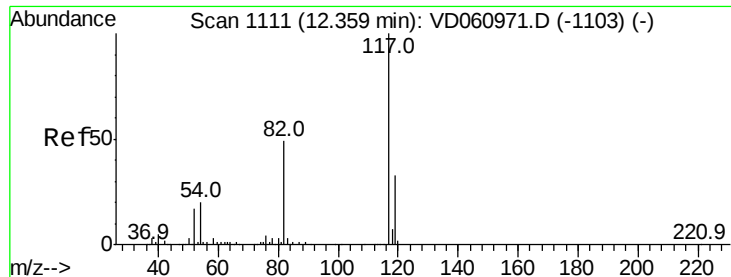


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

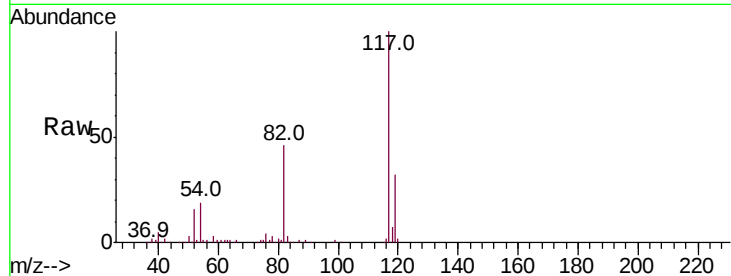
Ion 175.90 (175.60 to 176.60): V



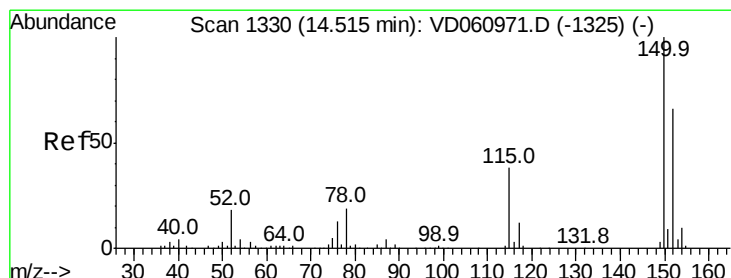
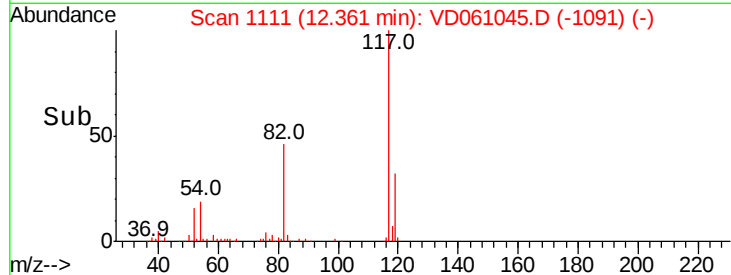
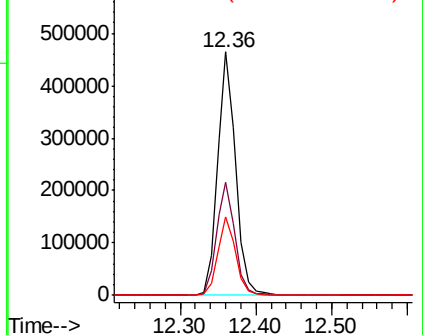


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061045.D
Acq: 13 Mar 2019 16:36

Tot Ion:117 Resp: 776884
Ion Ratio Lower Upper
117 100
82 46.4 38.9 58.3
119 32.2 26.6 39.8

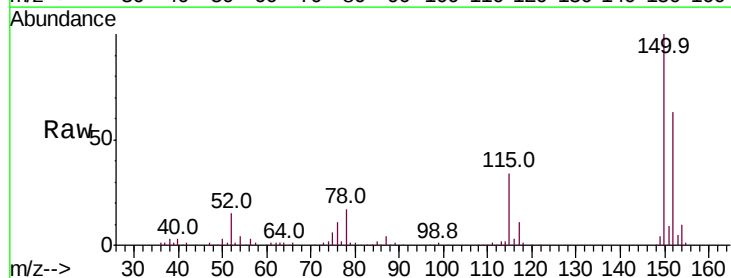


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061045.D
Acq: 13 Mar 2019 16:36

Tgt Ion:152 Resp: 314189
Ion Ratio Lower Upper
152 100
115 54.8 28.6 85.9
150 158.9 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

