

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061132.D
 Acq On : 17 Mar 2019 3:33
 Operator : VA/AP
 Sample : K1691-11
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

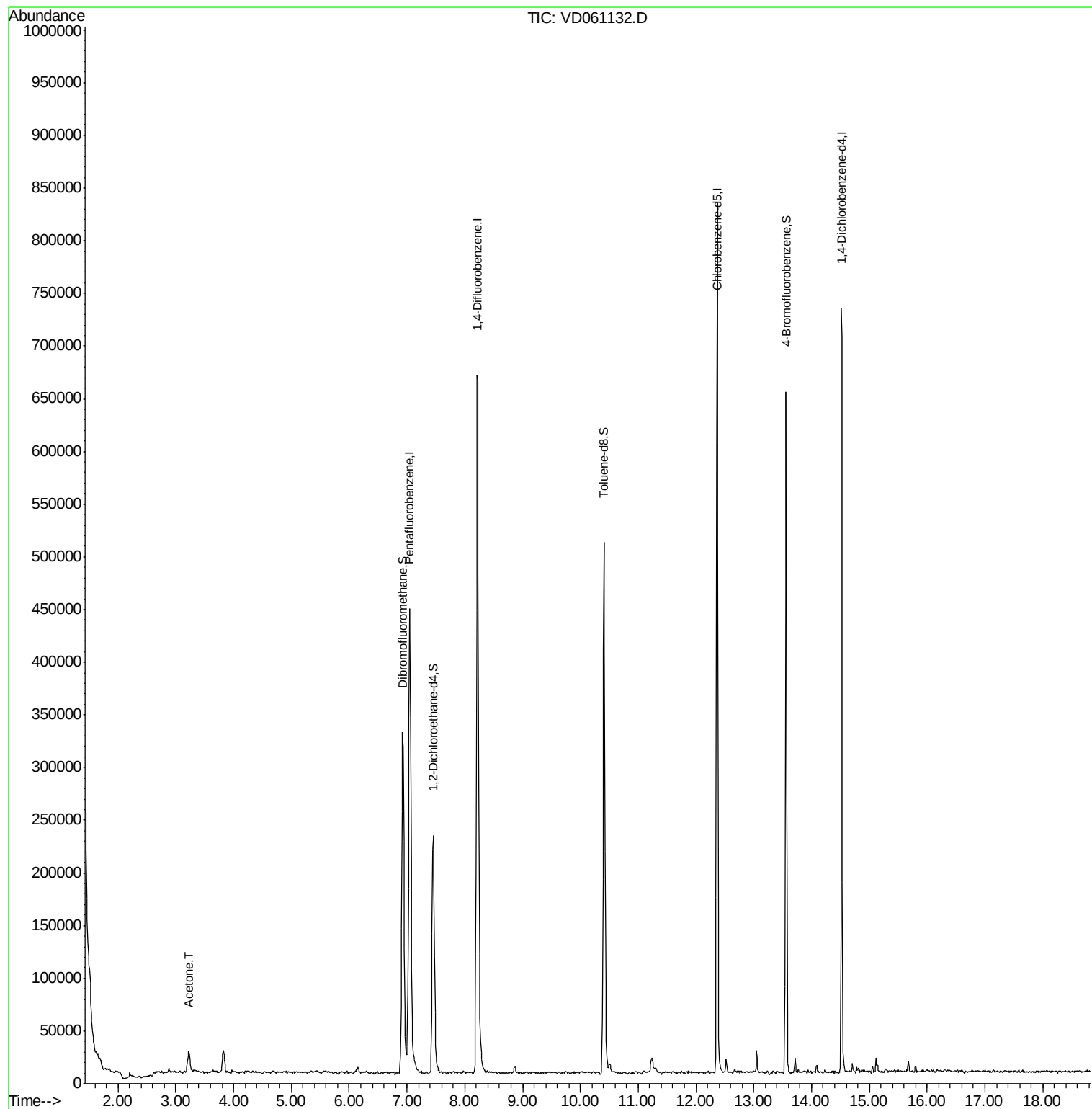
Quant Time: Mar 18 05:34:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

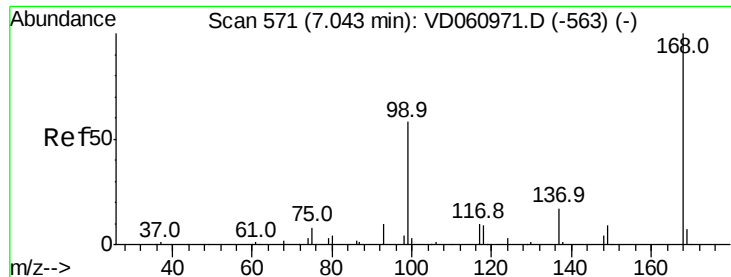
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.04	168	471077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	854986	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	517299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	184633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	215795	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	6.92	113	311450	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.41	98	438247	27.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.00%	
62) 4-Bromofluorobenzene	13.56	95	205681	33.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.54%	
Target Compounds						Qvalue
16) Acetone	3.22	43	41768	37.250	ug/l	98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061132.D

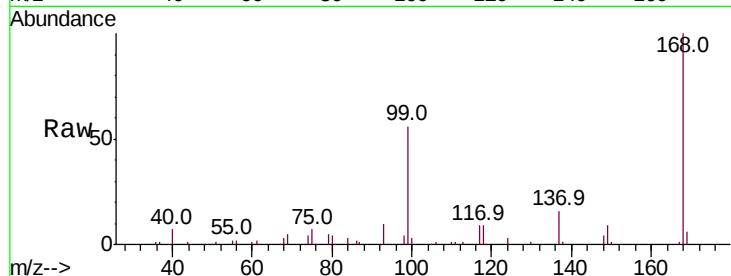
Acq: 17 Mar 2019 3:33

Tot Ion:168 Resp: 471077

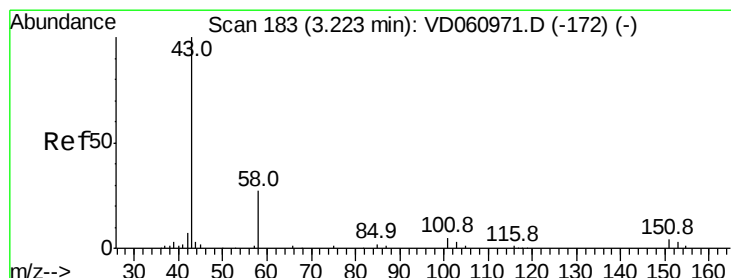
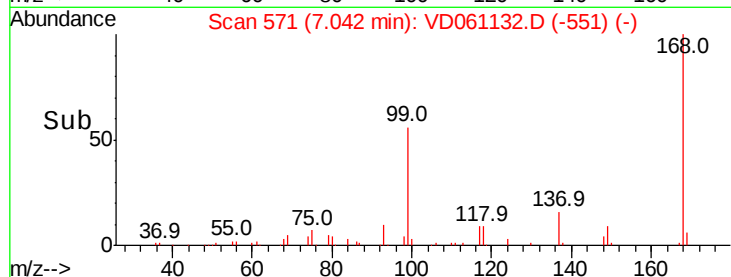
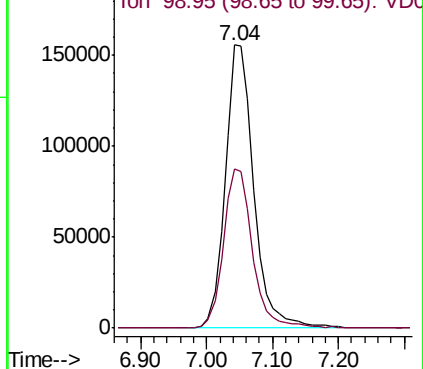
Ion Ratio Lower Upper

168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 37.250 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061132.D

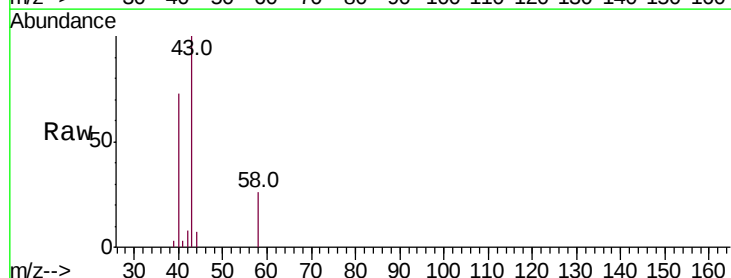
Acq: 17 Mar 2019 3:33

Tgt Ion: 43 Resp: 41768

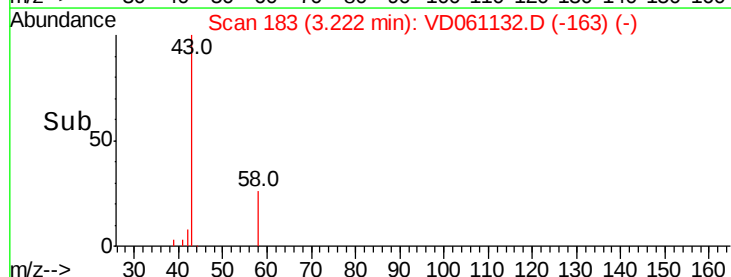
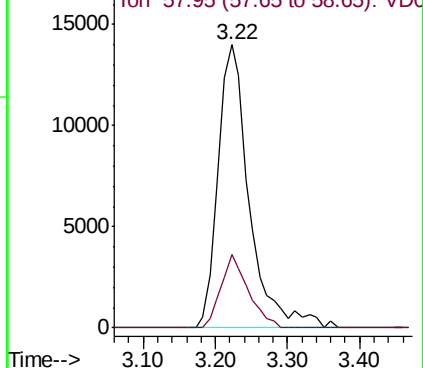
Ion Ratio Lower Upper

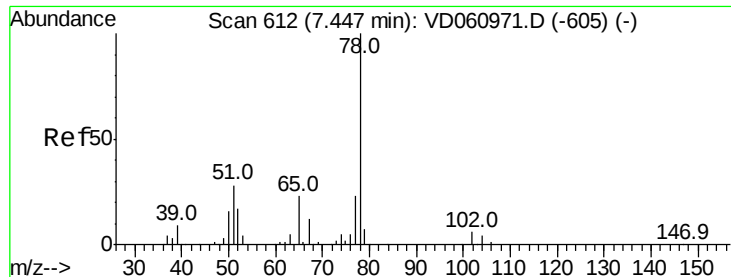
43 100

58 26.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061132.D

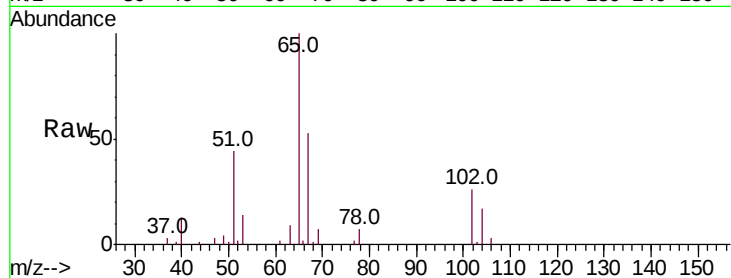
Acq: 17 Mar 2019 3:33

Tot Ion: 65 Resp: 215795

Ion Ratio Lower Upper

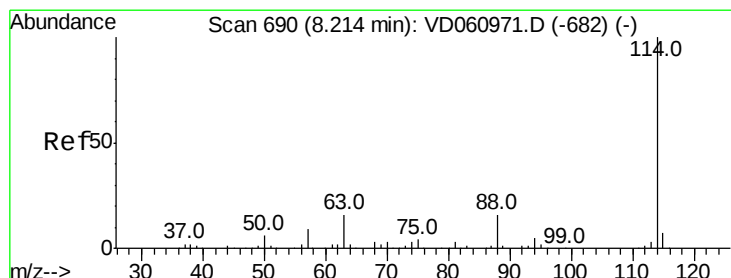
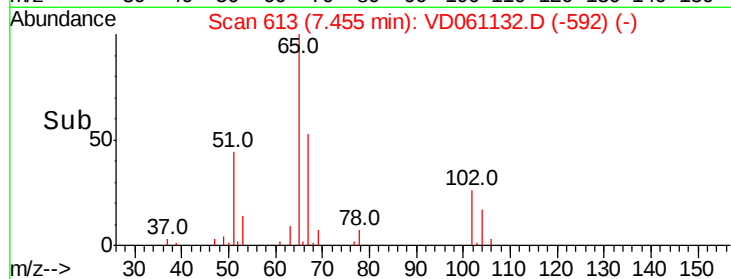
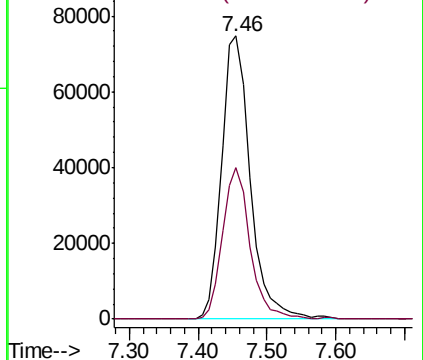
65 100

67 53.4 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: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061132.D

Acq: 17 Mar 2019 3:33

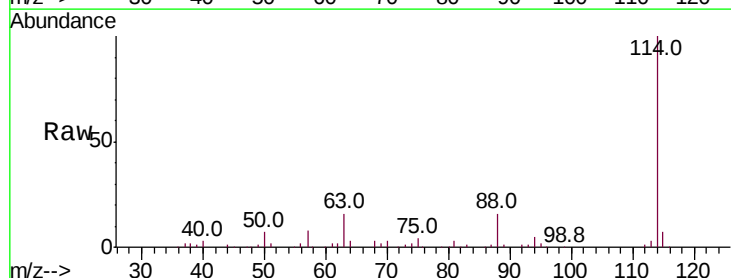
Tgt Ion: 114 Resp: 854986

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.4

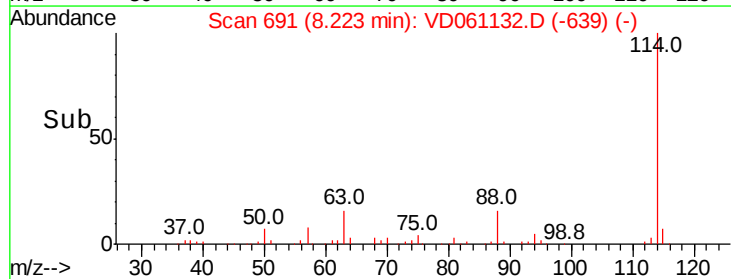
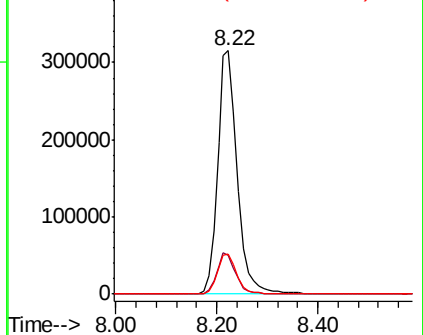
88 16.4 0.0 33.0

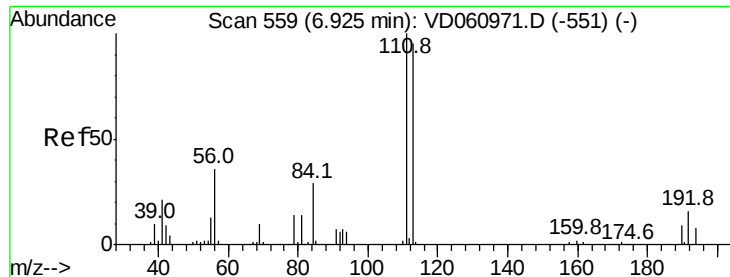


Abundance Ion 114.00 (113.70 to 114.70): V

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# 559

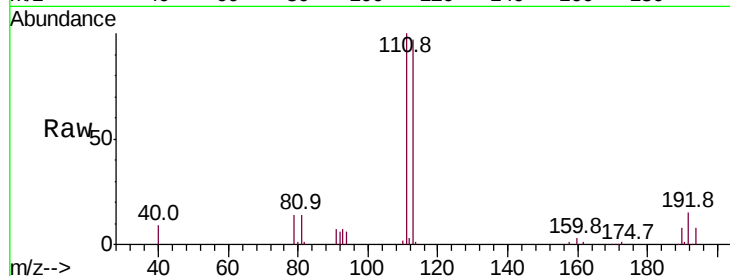
Delta R.T. -0.00 min

Lab File: VD061132.D

Acq: 17 Mar 2019 3:33

Tot Ion:113 Resp: 311450

Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.4
192	15.8	13.1	19.7

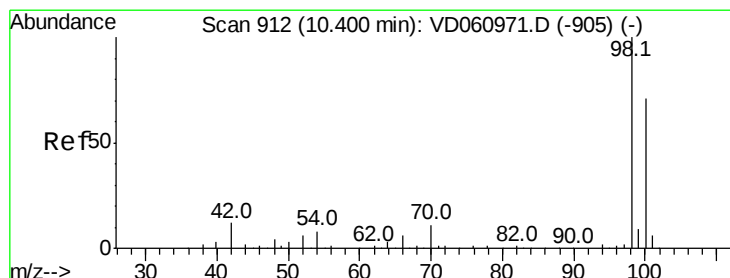
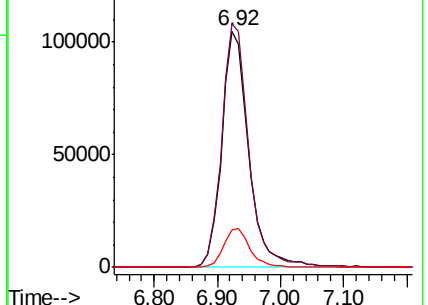
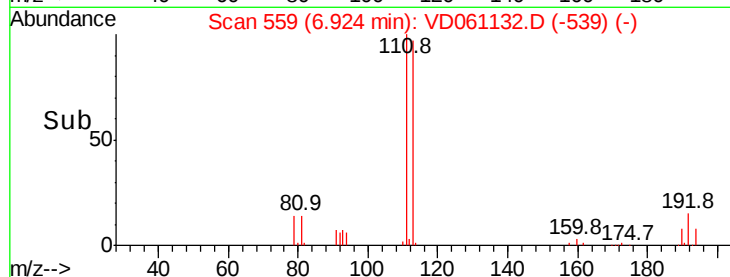


Abundance

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: 10.41 min Scan# 913

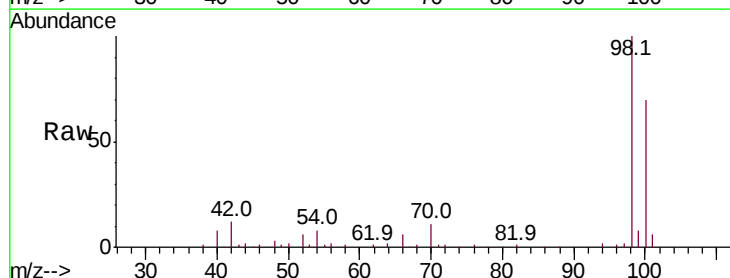
Delta R.T. 0.01 min

Lab File: VD061132.D

Acq: 17 Mar 2019 3:33

Tgt Ion: 98 Resp: 438247

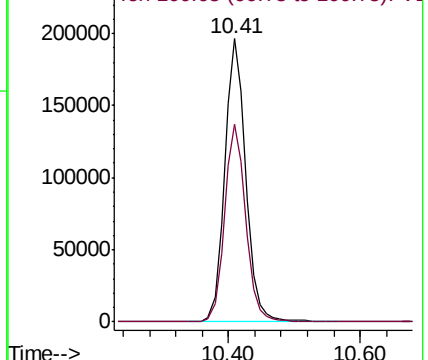
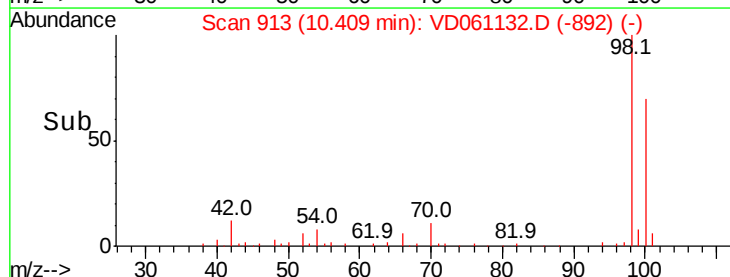
Ion	Ratio	Lower	Upper
98	100		
100	69.6	57.4	86.2

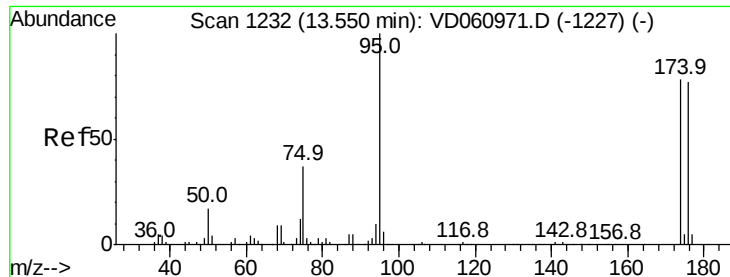


Abundance

Ion 98.05 (97.75 to 98.75): V

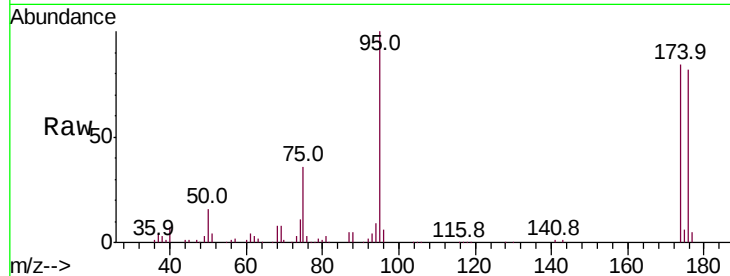
Ion 100.05 (99.75 to 100.75): V



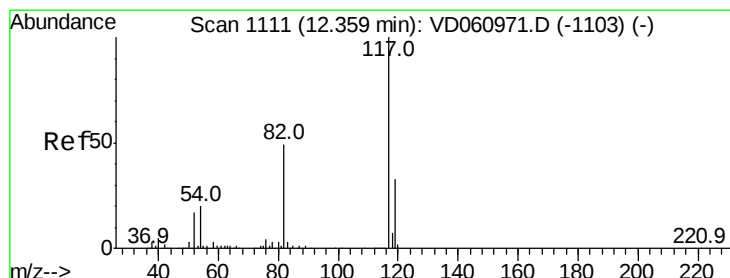
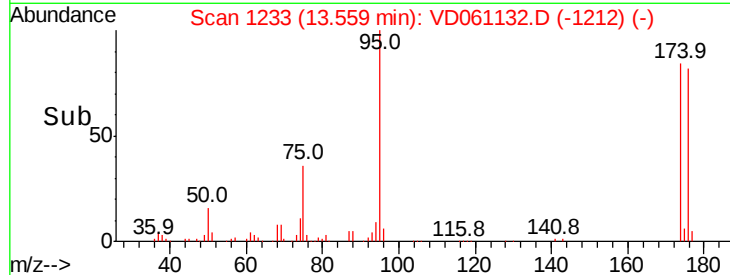
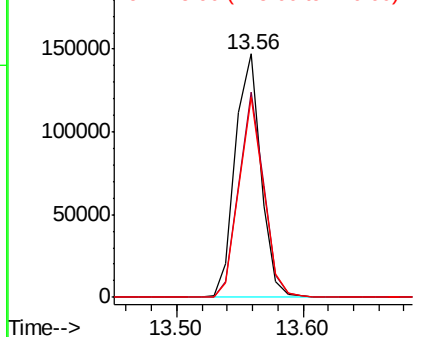


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061132.D
Acq: 17 Mar 2019 3:33

Tot Ion: 95 Resp: 205681
Ion Ratio Lower Upper
95 100
174 84.3 0.0 155.6
176 82.0 0.0 153.8

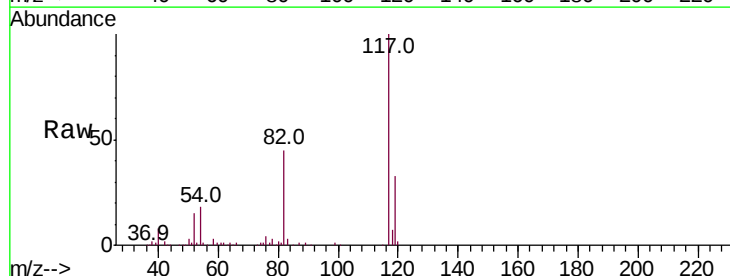


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

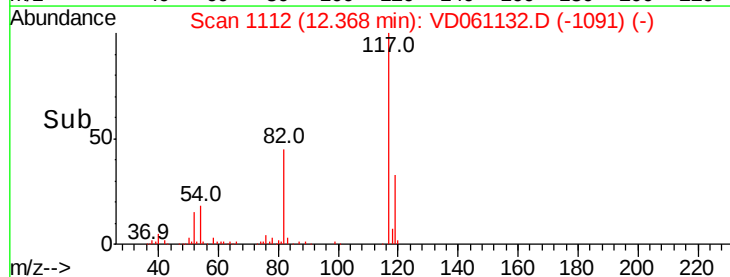
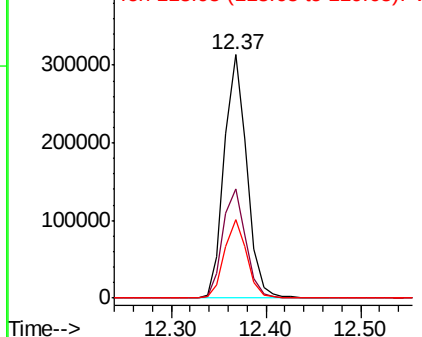


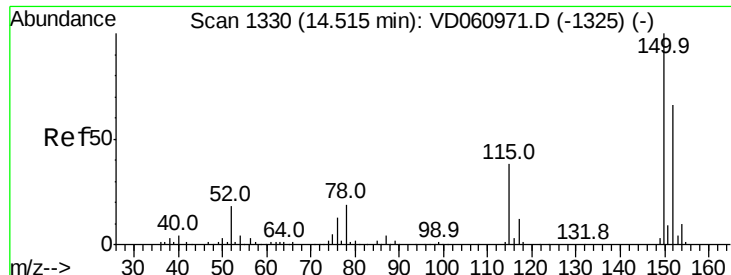
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061132.D
Acq: 17 Mar 2019 3:33

Tgt Ion: 117 Resp: 517299
Ion Ratio Lower Upper
117 100
82 45.0 38.9 58.3
119 32.5 26.6 39.8



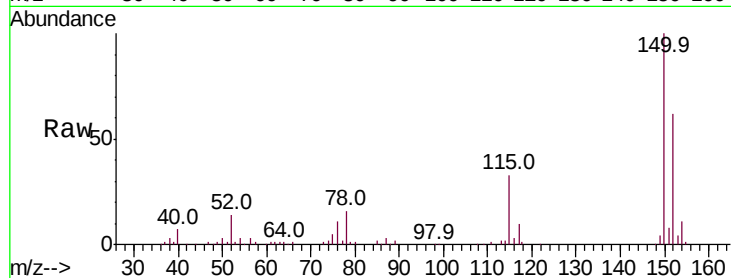
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061132.D
 Acq: 17 Mar 2019 3:33

Tot Ion:	152	Resp:	184633
Ion	Ratio	Lower	Upper
152	100		
115	53.8	28.6	85.9
150	161.4	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

