

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061050.D
 Acq On : 13 Mar 2019 18:53
 Operator : VA/AP
 Sample : K1869-01
 Misc : 6.63g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

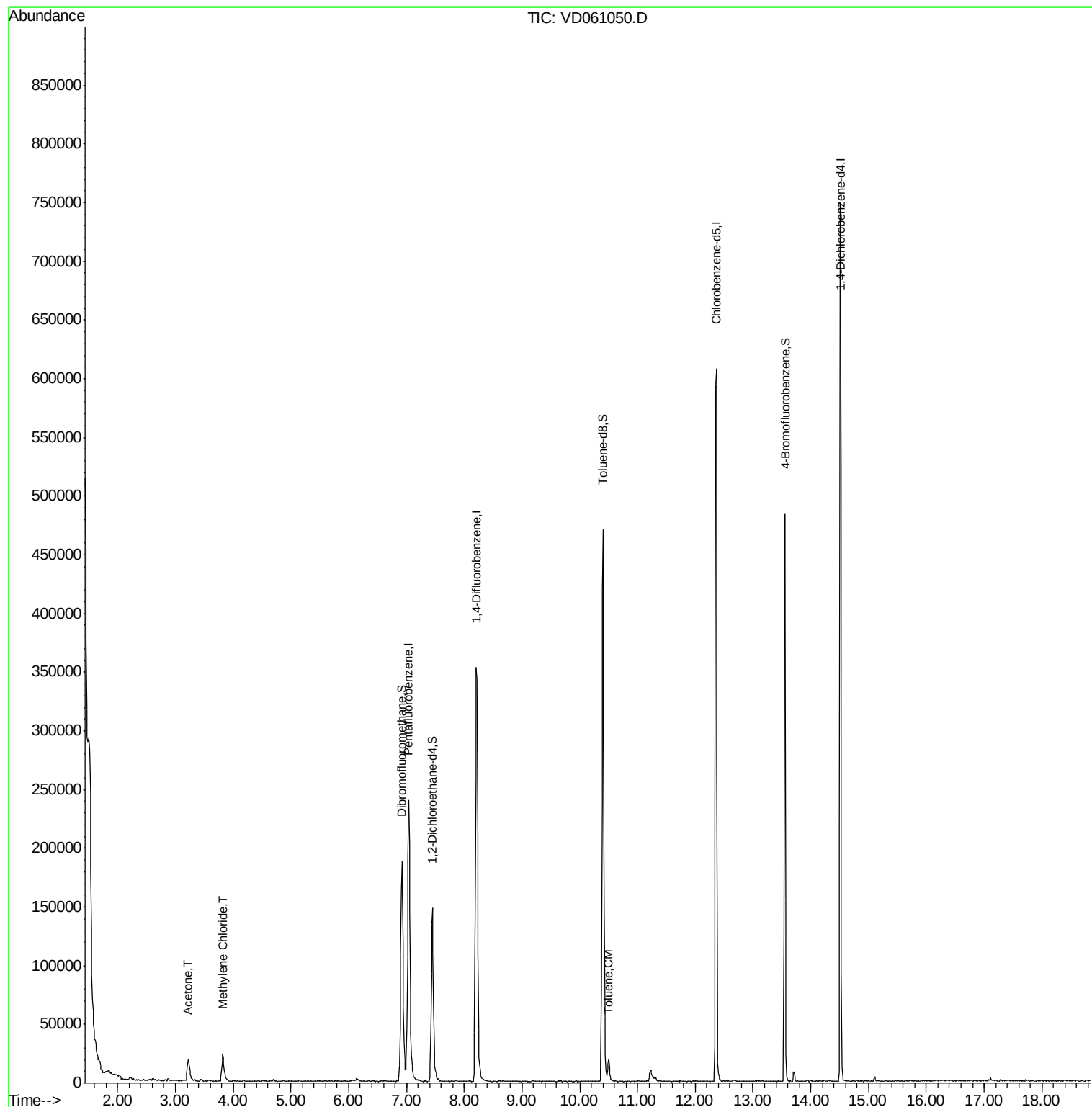
Quant Time: Mar 14 03:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

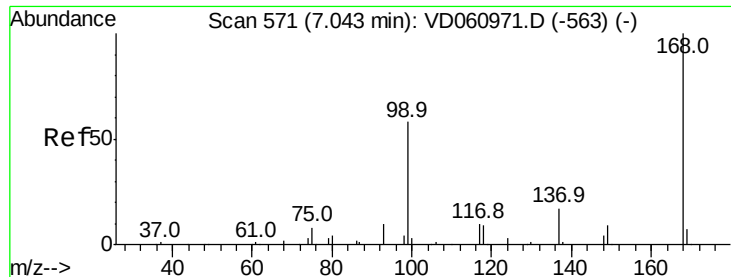
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	239782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	444492	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	397378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	168233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	143588	71.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.88%	
35) Dibromofluoromethane	6.92	113	187628	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.76%	
50) Toluene-d8	10.40	98	405209	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	13.54	95	174059	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
Target Compounds						
16) Acetone	3.22	43	39883	69.878	ug/l	95
20) Methylene Chloride	3.82	84	17021	2.070	ug/l #	94
52) Toluene	10.50	92	10371	1.742	ug/l	99

(#) = 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# 570

Delta R.T. -0.01 min

Lab File: VD061050.D

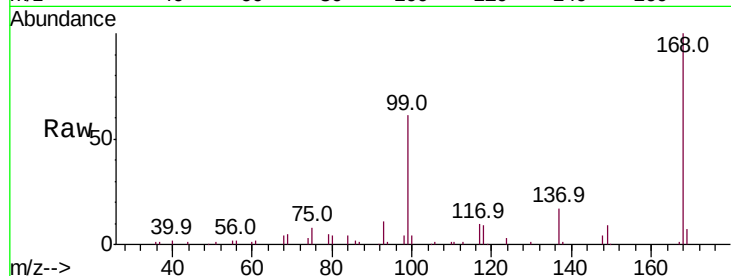
Acq: 13 Mar 2019 18:53

Tot Ion:168 Resp: 239782

Ion Ratio Lower Upper

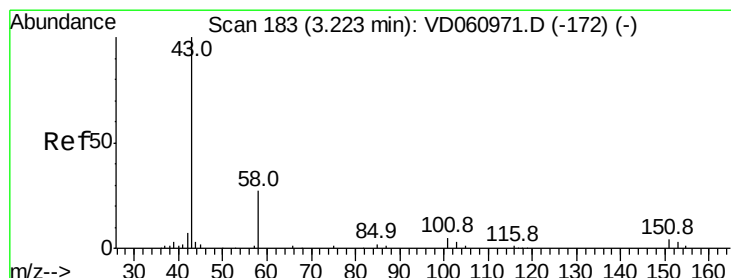
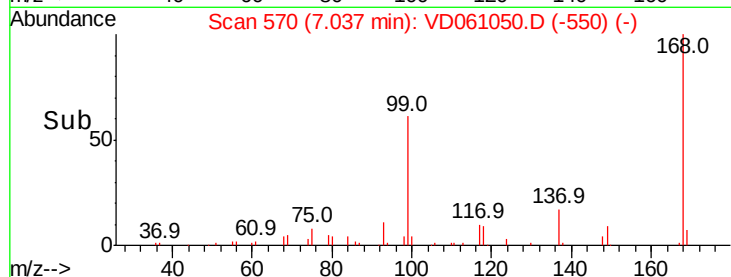
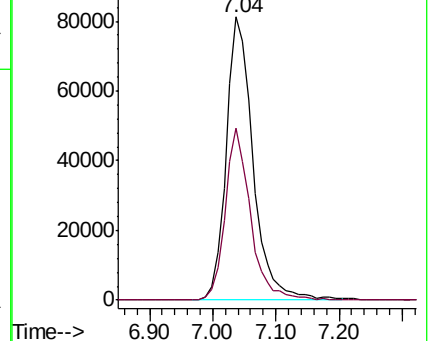
168 100

99 60.9 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: 69.878 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061050.D

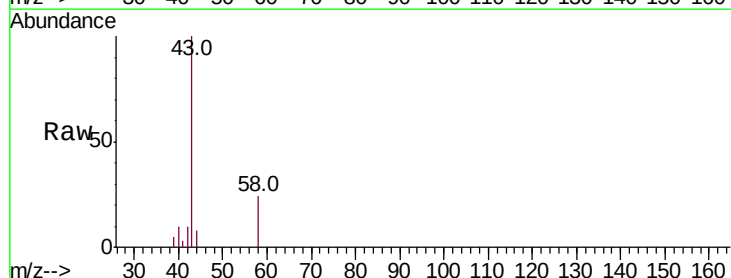
Acq: 13 Mar 2019 18:53

Tgt Ion: 43 Resp: 39883

Ion Ratio Lower Upper

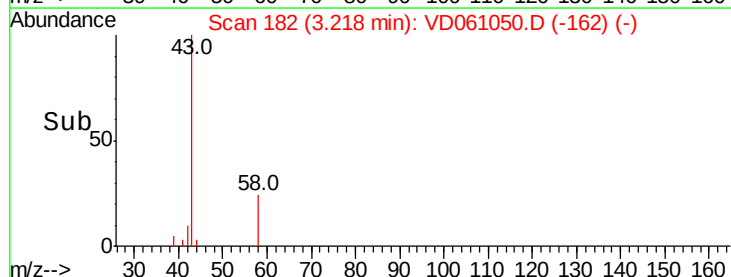
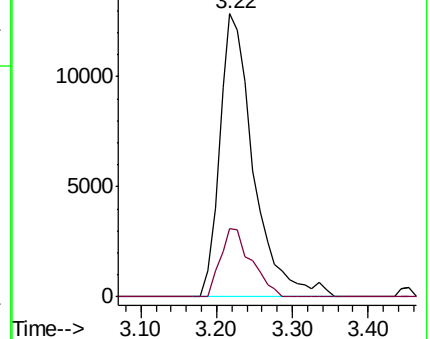
43 100

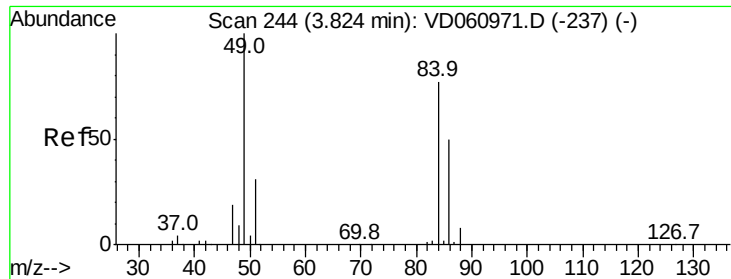
58 24.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.070 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD061050.D

Acq: 13 Mar 2019 18:53

Tot Ion: 84 Resp: 17021

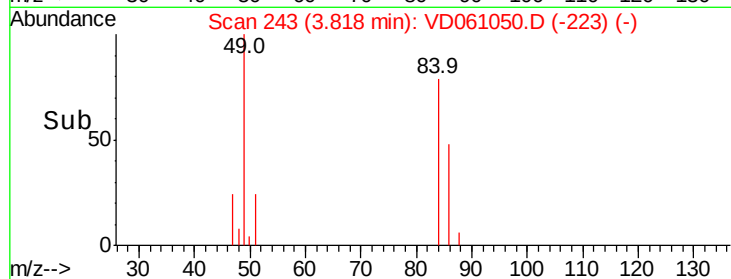
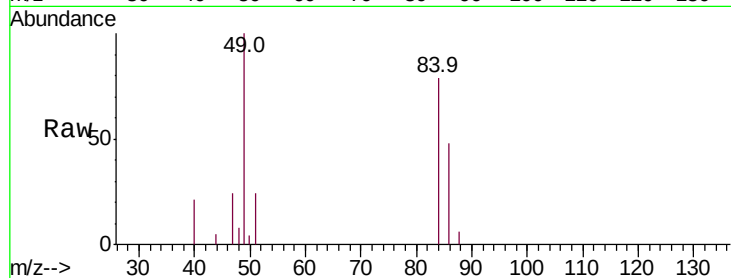
Ion Ratio Lower Upper

84 100

49 126.6 104.2 156.2

51 30.1 32.3 48.5#

86 61.0 52.3 78.5

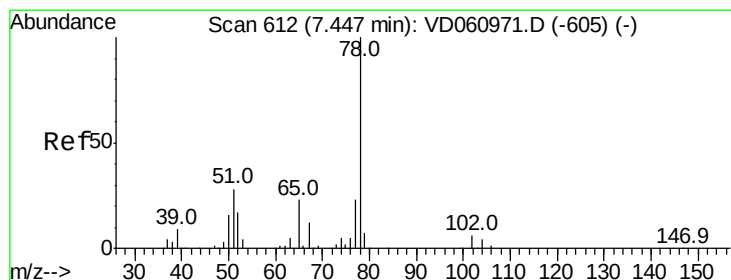
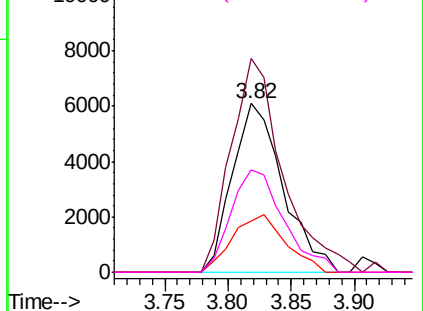


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061050.D

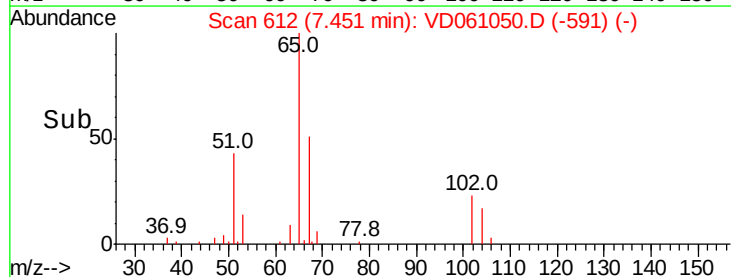
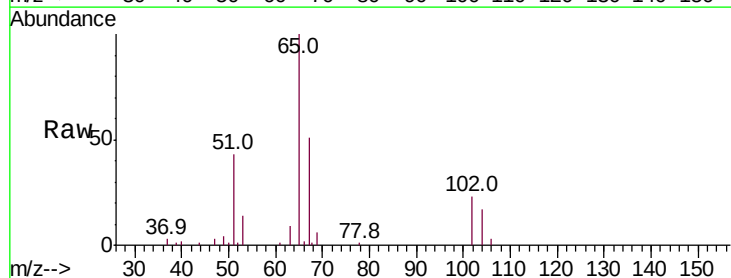
Acq: 13 Mar 2019 18:53

Tgt Ion: 65 Resp: 143588

Ion Ratio Lower Upper

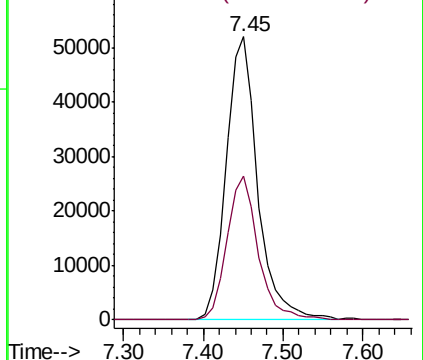
65 100

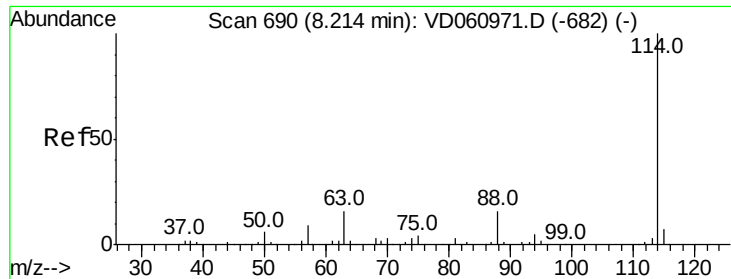
67 50.8 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

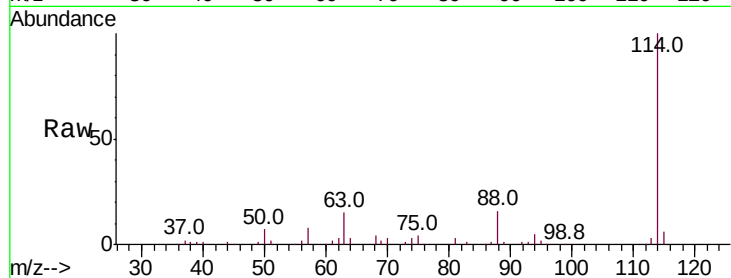
Ion 66.90 (66.60 to 67.60): VDC



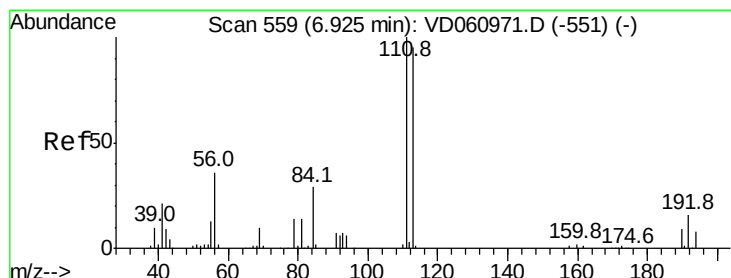
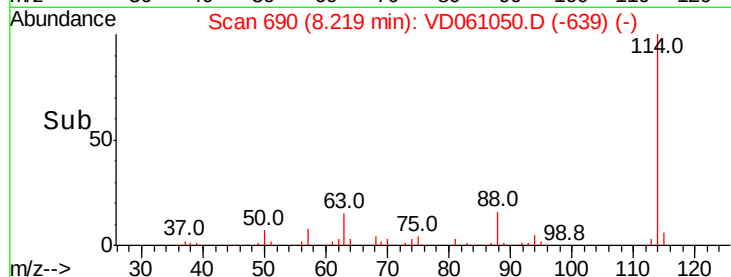
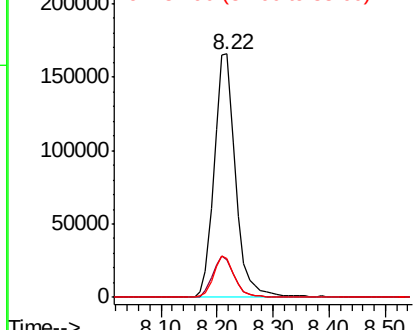


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061050.D
 Acq: 13 Mar 2019 18:53

Tot Ion:114 Resp: 444492
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.4
 88 15.7 0.0 33.0

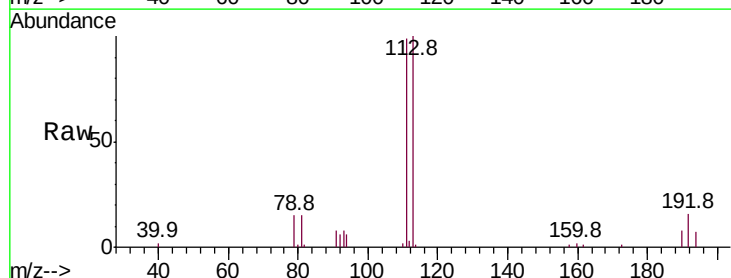


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

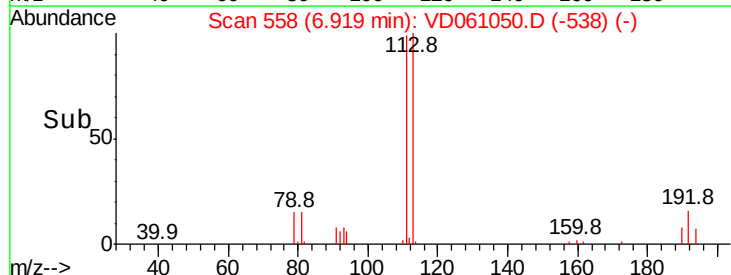
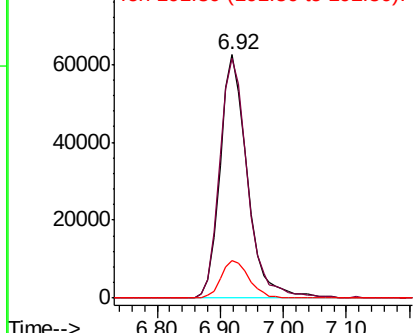


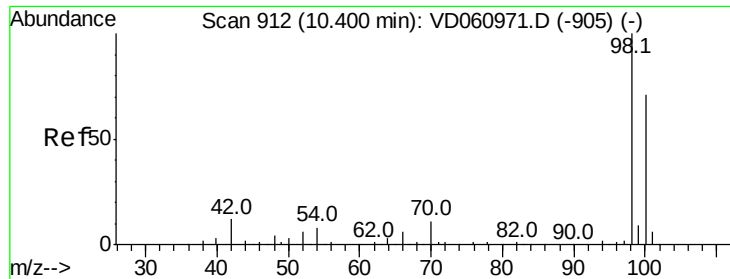
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061050.D
 Acq: 13 Mar 2019 18:53

Tgt Ion:113 Resp: 187628
 Ion Ratio Lower Upper
 113 100
 111 98.7 84.2 126.4
 192 15.6 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: VD061050.D

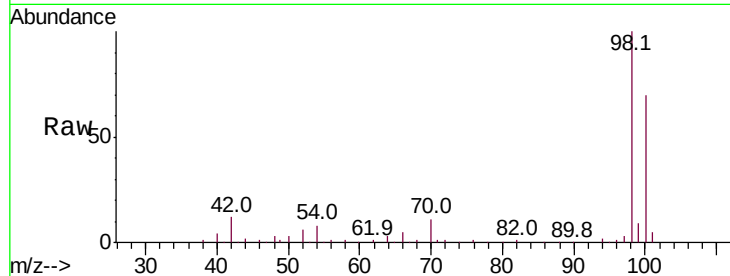
Acq: 13 Mar 2019 18:53

Tot Ion: 98 Resp: 405209

Ion Ratio Lower Upper

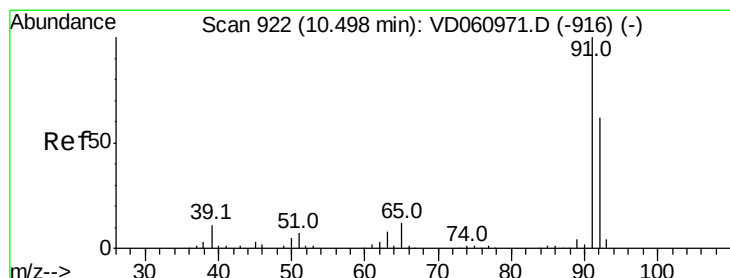
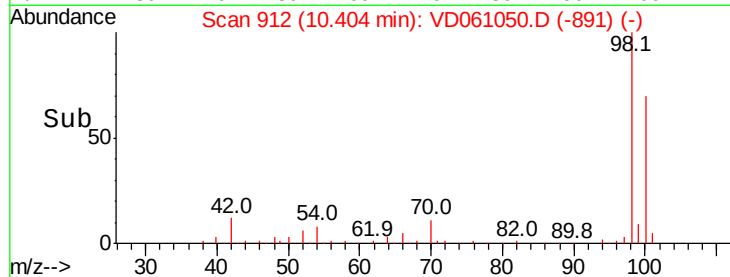
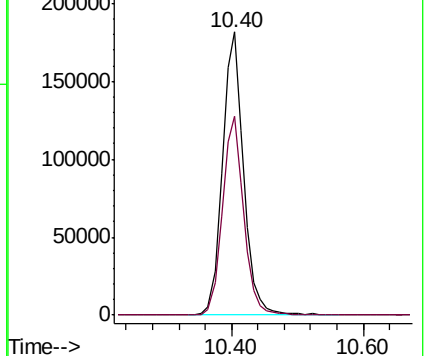
98 100

100 70.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.742 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD061050.D

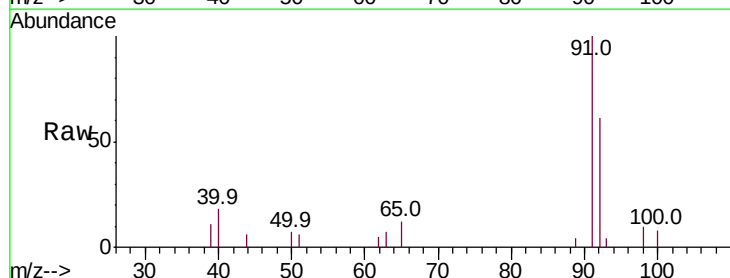
Acq: 13 Mar 2019 18:53

Tgt Ion: 92 Resp: 10371

Ion Ratio Lower Upper

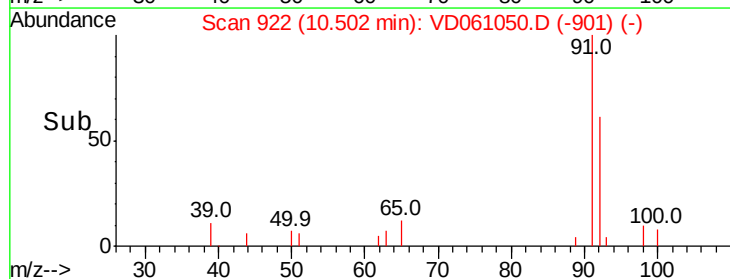
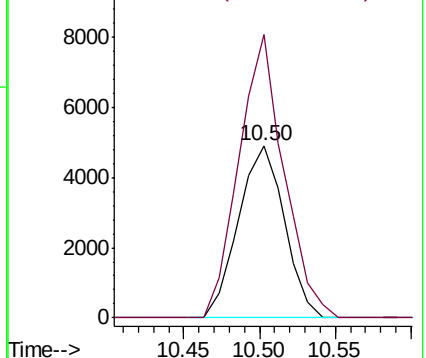
92 100

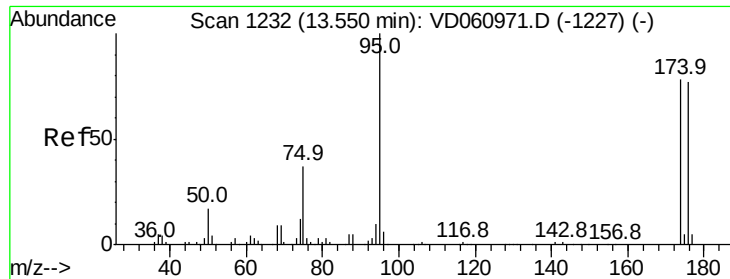
91 164.1 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

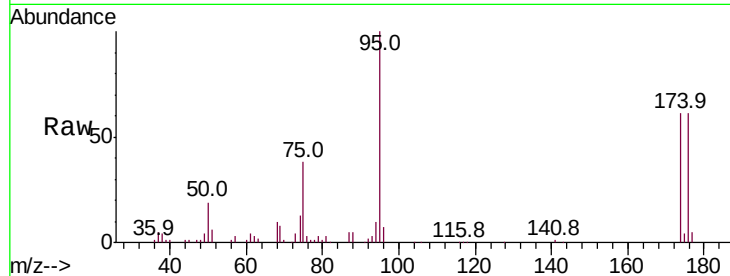
Ion 91.00 (90.70 to 91.70): VDC



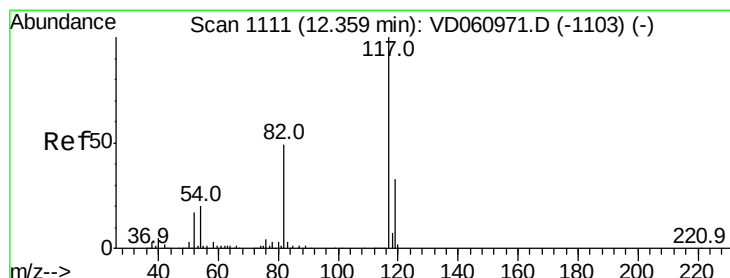
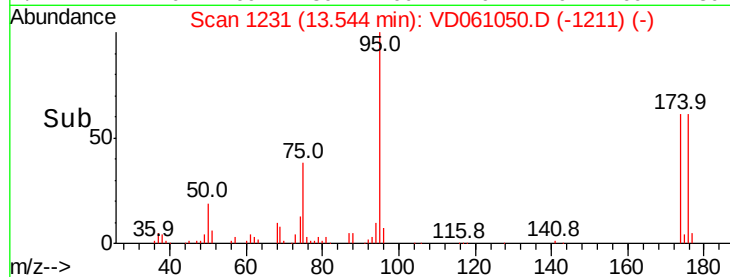
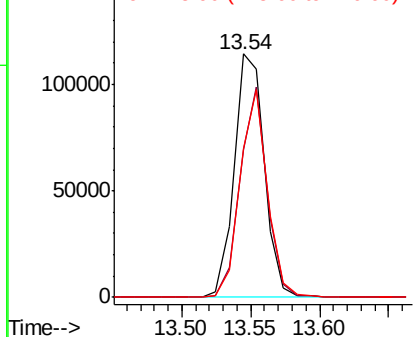


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061050.D
Acq: 13 Mar 2019 18:53

Tot Ion: 95 Resp: 174059
Ion Ratio Lower Upper
95 100
174 60.6 0.0 155.6
176 61.3 0.0 153.8

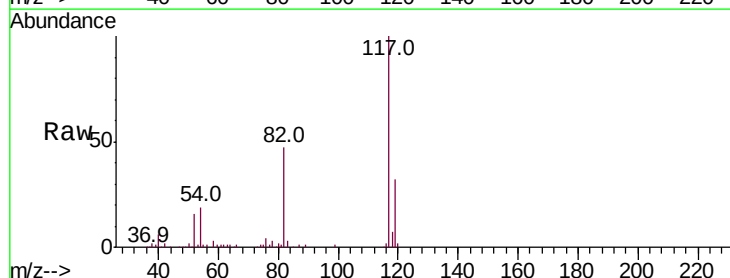


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

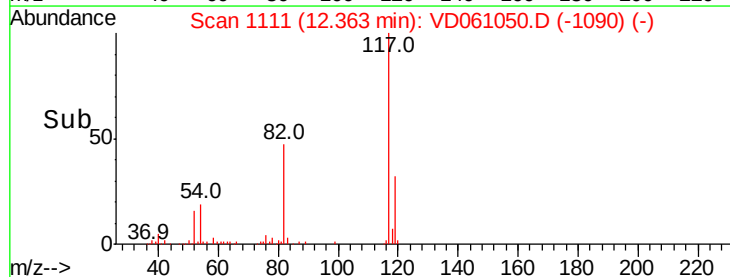
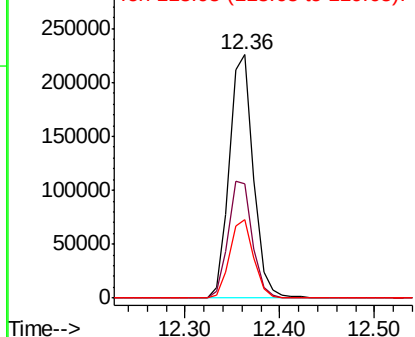


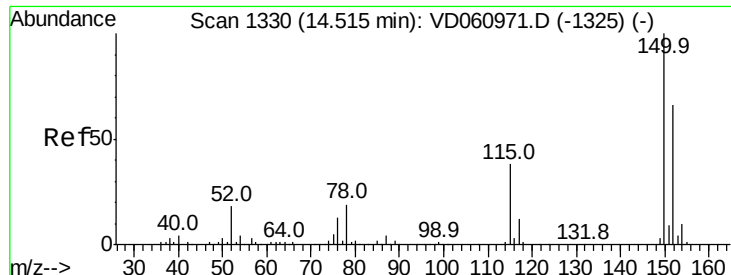
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061050.D
Acq: 13 Mar 2019 18:53

Tgt Ion: 117 Resp: 397378
Ion Ratio Lower Upper
117 100
82 47.1 38.9 58.3
119 32.3 26.6 39.8



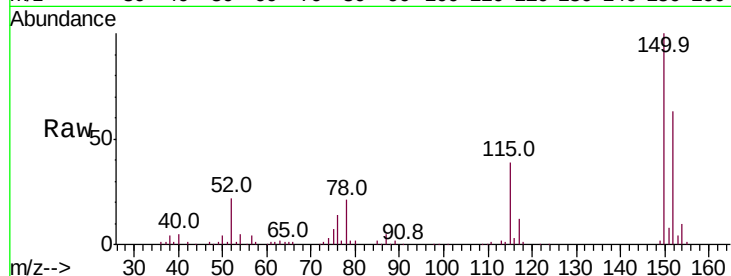
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061050.D
 Acq: 13 Mar 2019 18:53

Tot Ion:	152	Resp:	168233
Ion	Ratio	Lower	Upper
152	100		
115	62.1	28.6	85.9
150	157.7	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

