

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061043.D
 Acq On : 13 Mar 2019 15:41
 Operator : VA/AP
 Sample : K1866-13
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

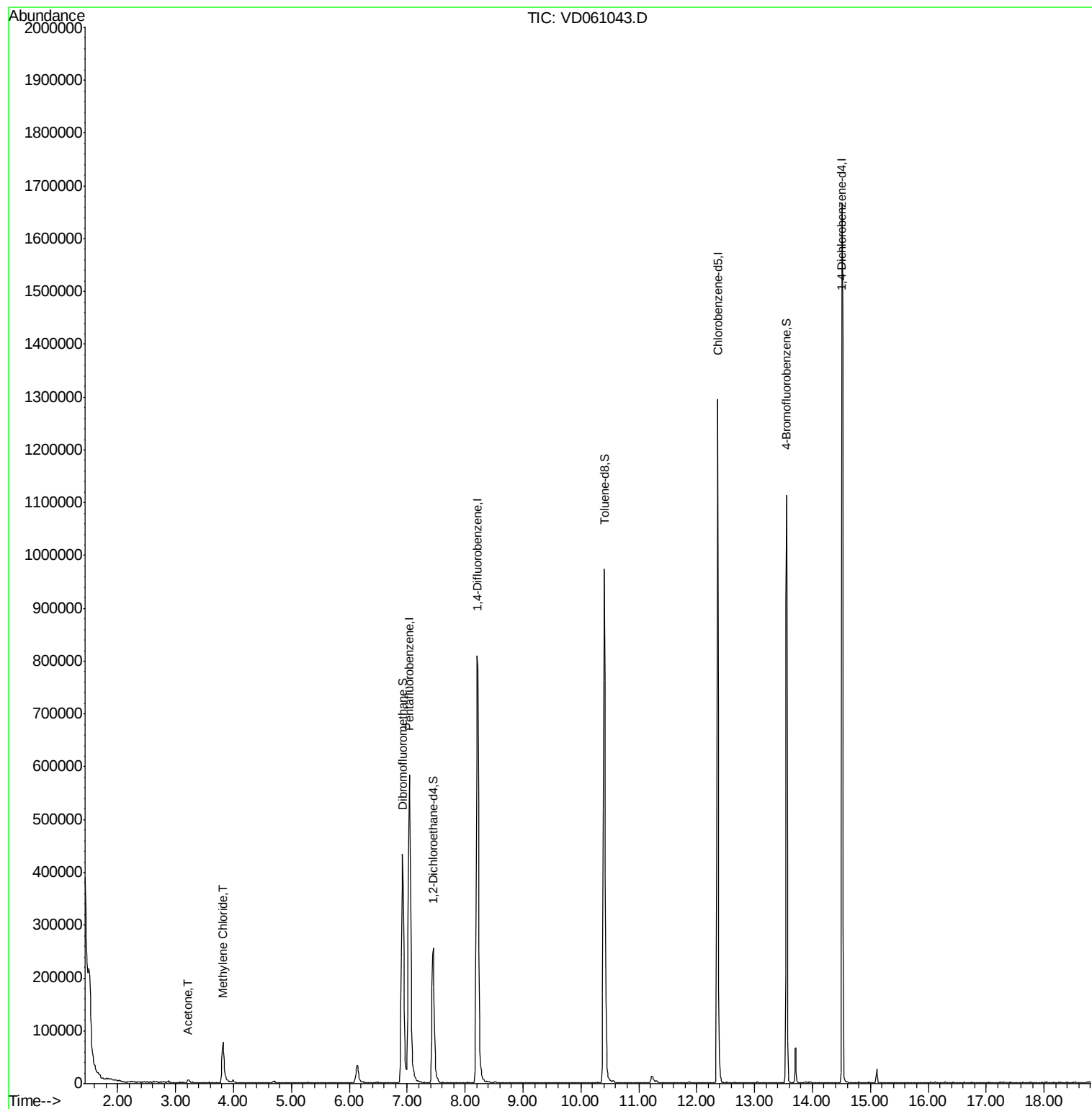
Quant Time: Mar 14 03:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	615048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1072803	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	869214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	409225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	248818	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	6.92	113	423781	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.40	98	913306	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	13.55	95	366370	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
16) Acetone	3.22	43	12257	8.372	ug/l #	89
20) Methylene Chloride	3.82	84	62297	5.149	ug/l	89

(#) = 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: VD061043.D

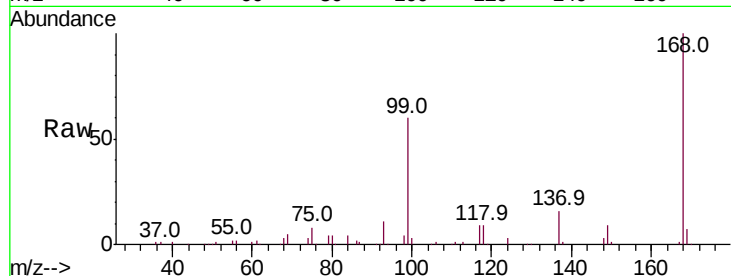
Acq: 13 Mar 2019 15:41

Tot Ion:168 Resp: 615048

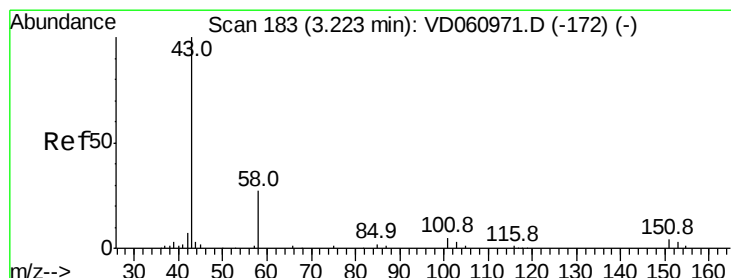
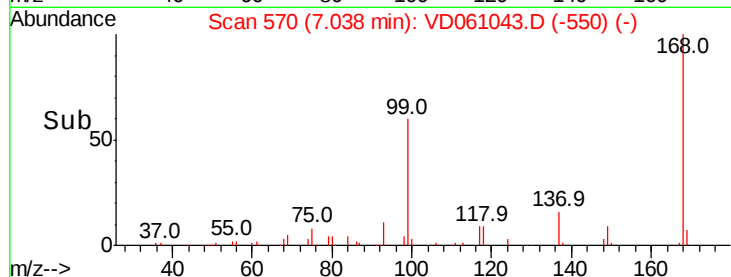
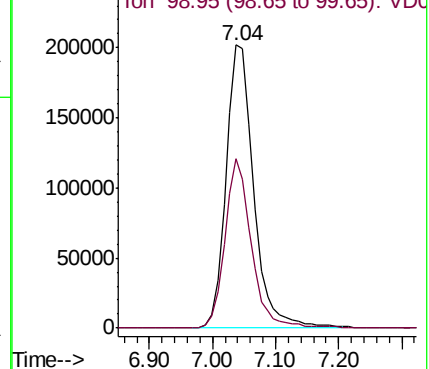
Ion Ratio Lower Upper

168 100

99 59.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 8.372 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061043.D

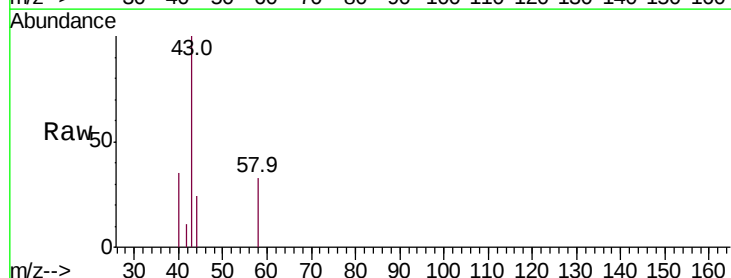
Acq: 13 Mar 2019 15:41

Tgt Ion: 43 Resp: 12257

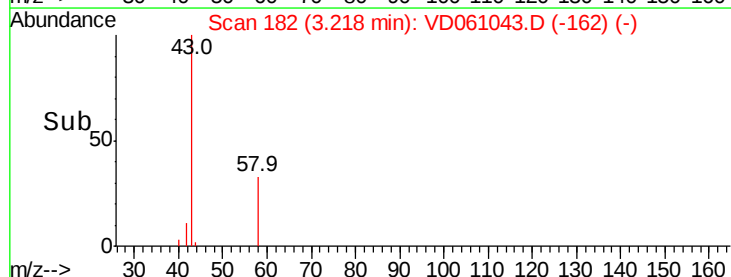
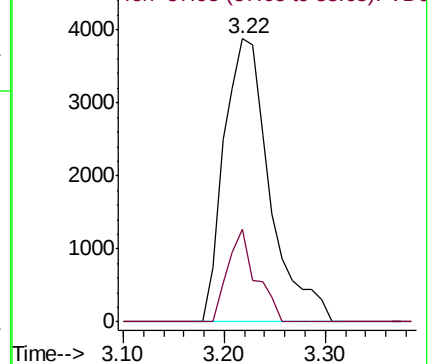
Ion Ratio Lower Upper

43 100

58 32.6 21.6 32.4#



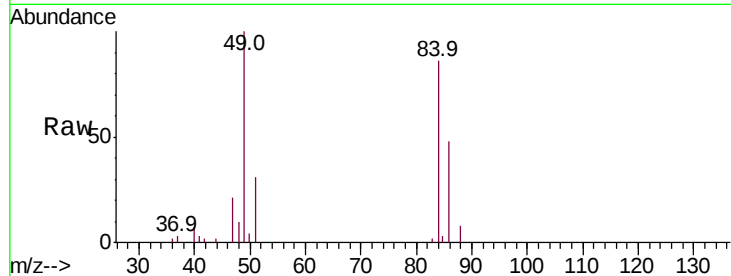
Abundance Ion 42.95 (42.65 to 43.65): VDC



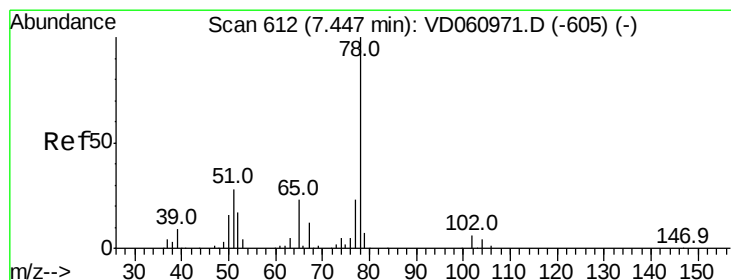
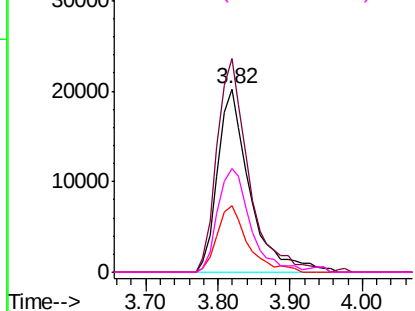
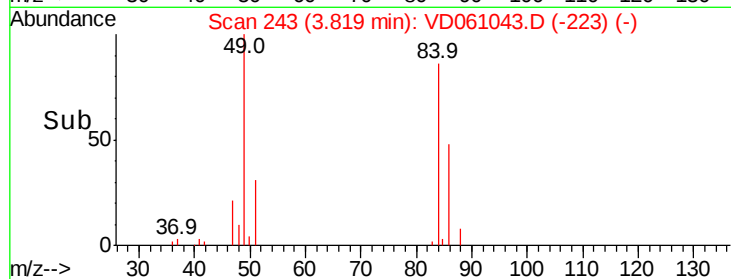


#20
Methylene Chloride
Concen: 5.149 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD061043.D
Acq: 13 Mar 2019 15:41

Tot Ion:	84	Resp:	62297
Ion	Ratio	Lower	Upper
84	100		
49	116.7	104.2	156.2
51	36.6	32.3	48.5
86	56.5	52.3	78.5

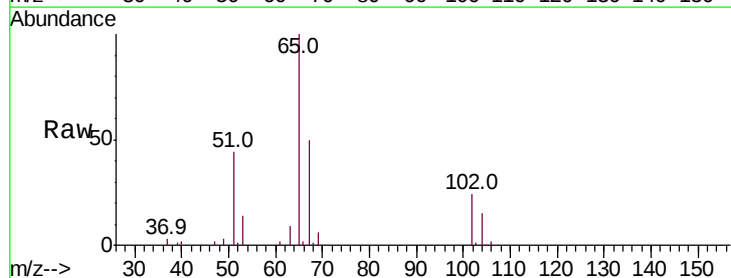


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

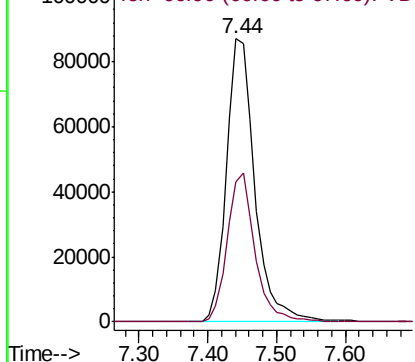
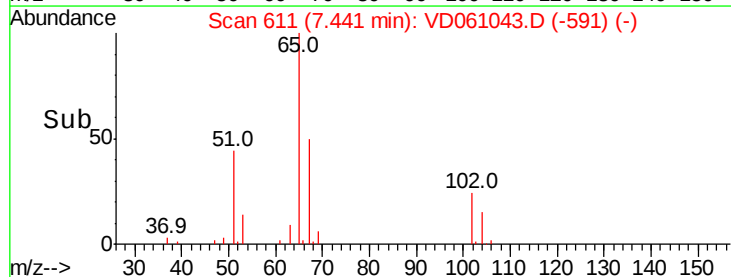


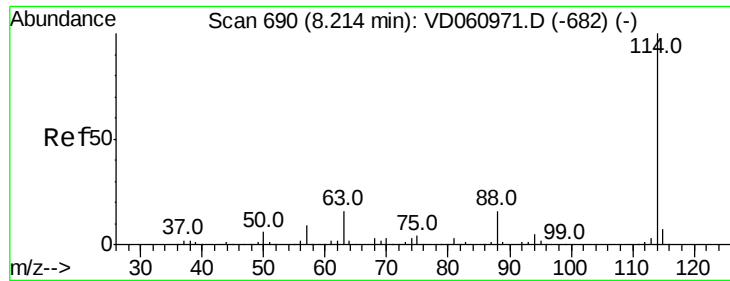
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061043.D
Acq: 13 Mar 2019 15:41

Tgt Ion:	65	Resp:	248818
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	105.2



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

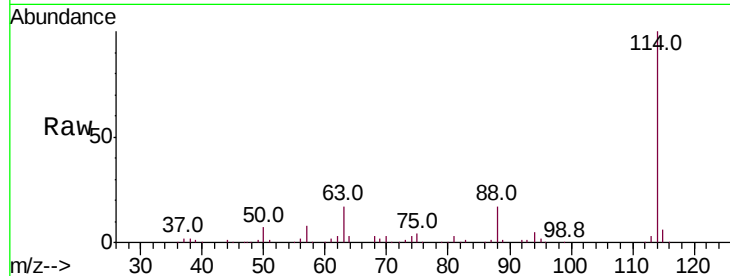




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061043.D
 Acq: 13 Mar 2019 15:41

Tot Ion:114 Resp: 1072803

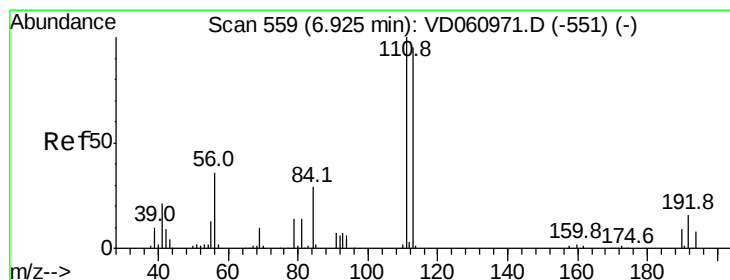
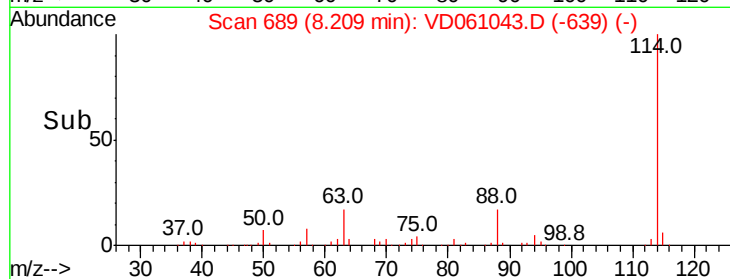
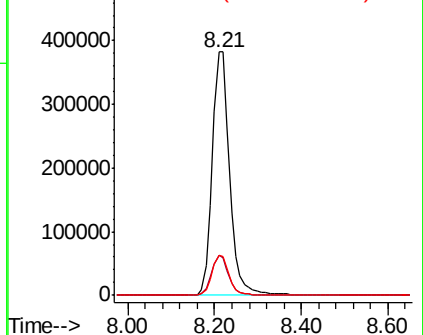
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	31.4
88	16.7	0.0	33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

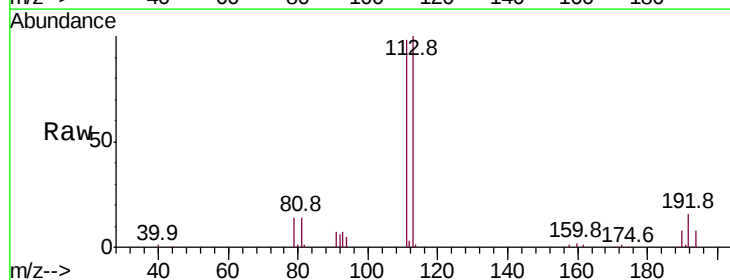
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061043.D
 Acq: 13 Mar 2019 15:41

Tgt Ion:113 Resp: 423781

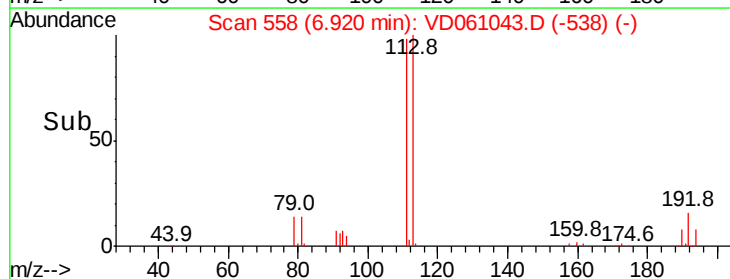
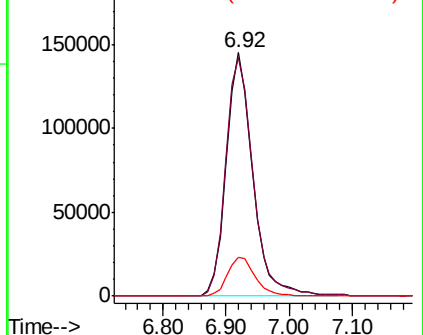
Ion	Ratio	Lower	Upper
113	100		
111	98.1	84.2	126.4
192	15.9	13.1	19.7

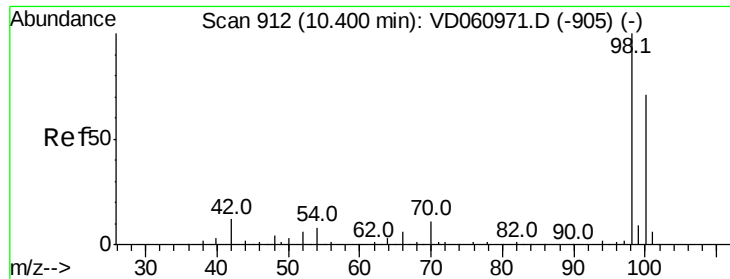


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD061043.D

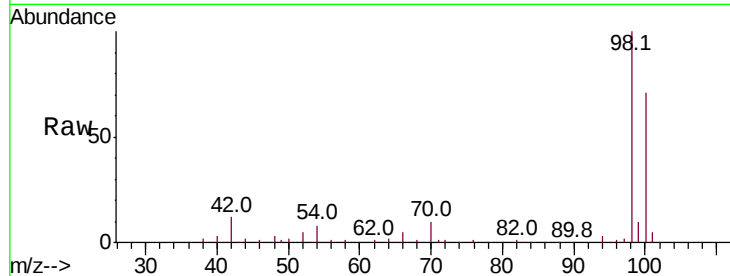
Acq: 13 Mar 2019 15:41

Tot Ion: 98 Resp: 913306

Ion Ratio Lower Upper

98 100

100 70.8 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

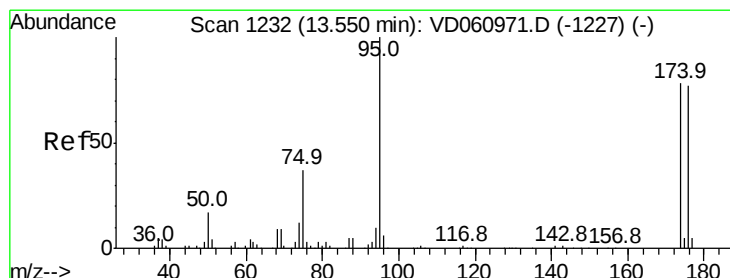
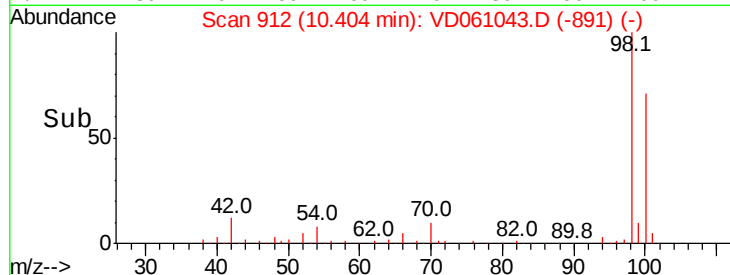
200000

100000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061043.D

Acq: 13 Mar 2019 15:41

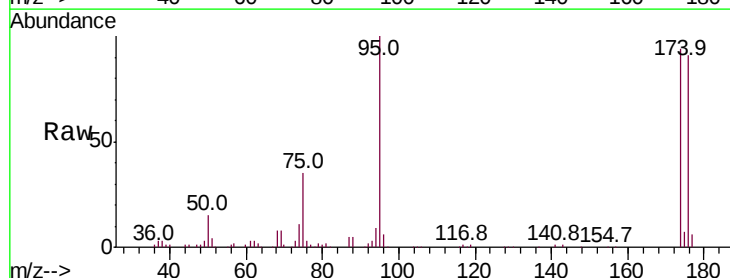
Tgt Ion: 95 Resp: 366370

Ion Ratio Lower Upper

95 100

174 94.3 0.0 155.6

176 91.1 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

250000

200000

150000

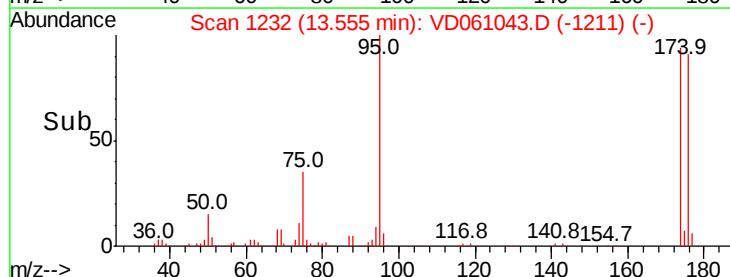
100000

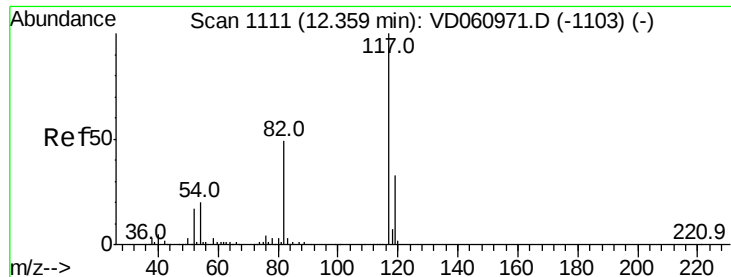
50000

0

Time-->

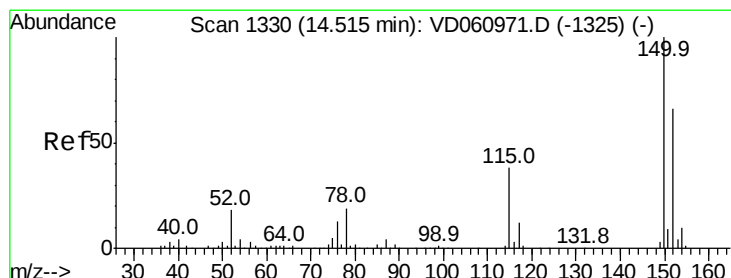
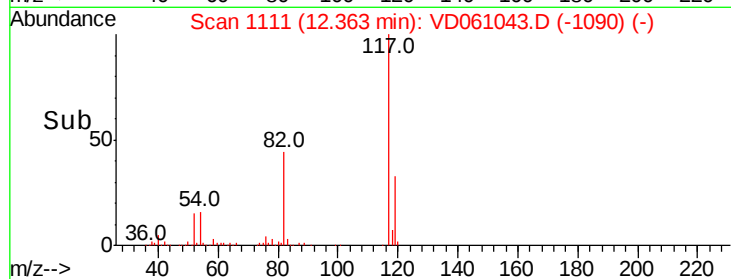
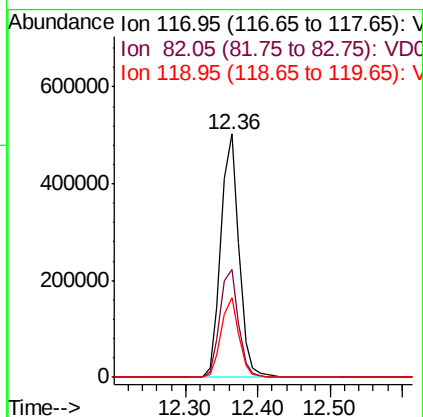
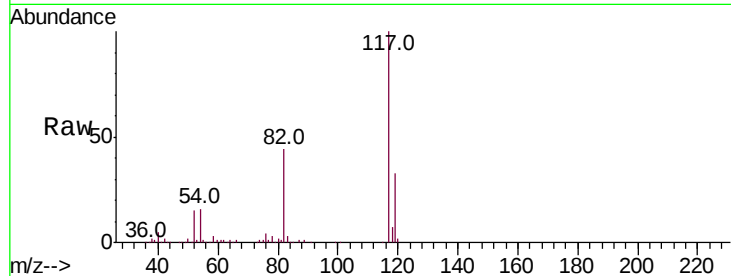
13.50 13.55 13.60





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061043.D
Acq: 13 Mar 2019 15:41

Tot Ion:117 Resp: 869214
Ion Ratio Lower Upper
117 100
82 44.2 38.9 58.3
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061043.D
Acq: 13 Mar 2019 15:41

Tgt Ion:152 Resp: 409225
Ion Ratio Lower Upper
152 100
115 63.0 28.6 85.9
150 156.6 0.0 310.6

