

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061110.D
 Acq On : 16 Mar 2019 15:37
 Operator : VA/AP
 Sample : K1905-05
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

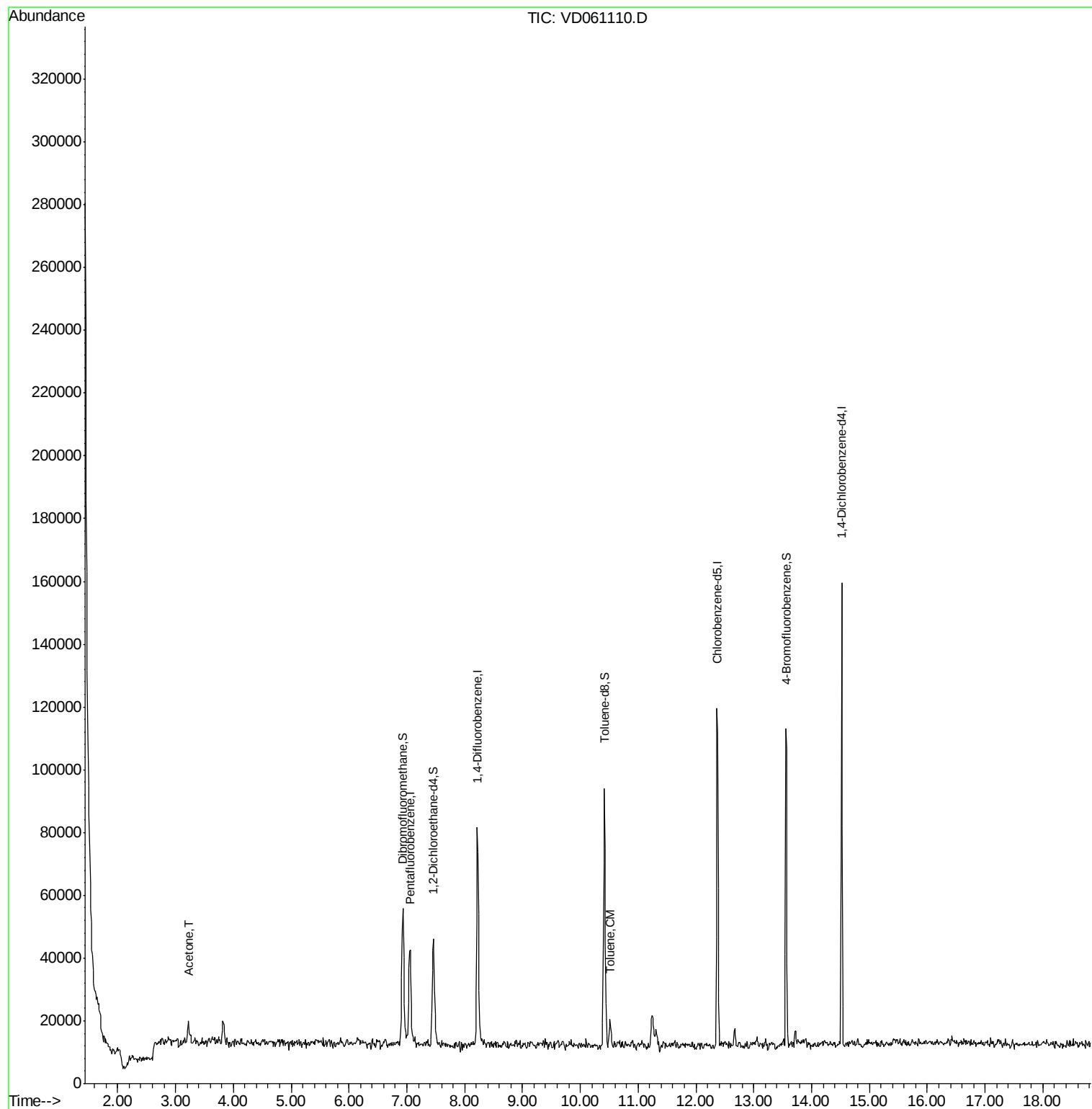
Quant Time: Mar 18 04:25:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

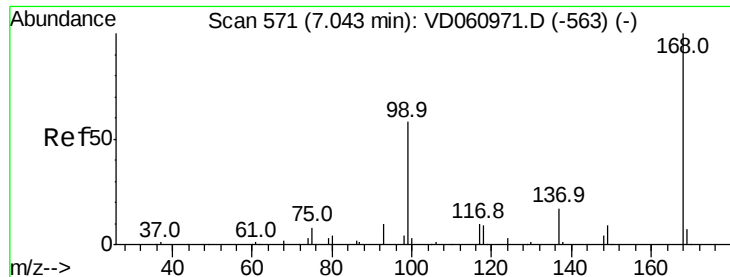
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	37420	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	83993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	74445	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	32410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	36477	117.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	234.22%	
35) Dibromofluoromethane	6.93	113	43164	69.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.50%	
50) Toluene-d8	10.41	98	71925	45.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	13.55	95	35931	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
Target Compounds						
16) Acetone	3.22	43	12601	141.473	ug/l	Qvalue 100
52) Toluene	10.51	92	5188	4.612	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061110.D

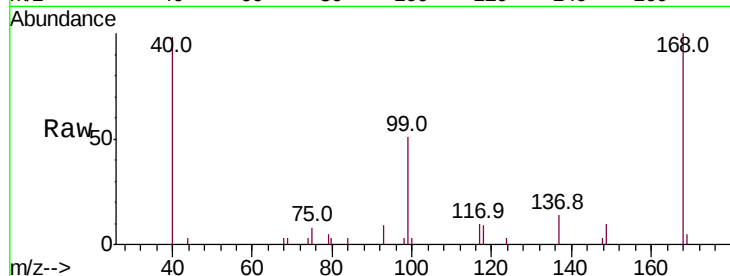
Acq: 16 Mar 2019 15:37

Tot Ion:168 Resp: 37420

Ion Ratio Lower Upper

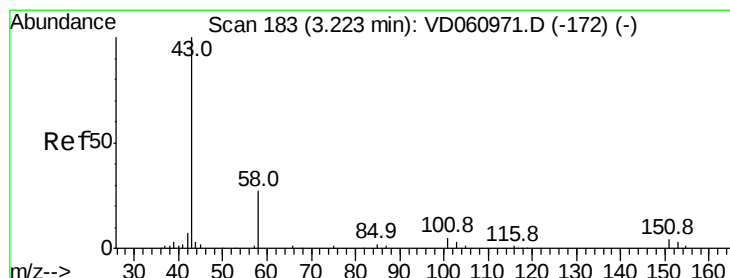
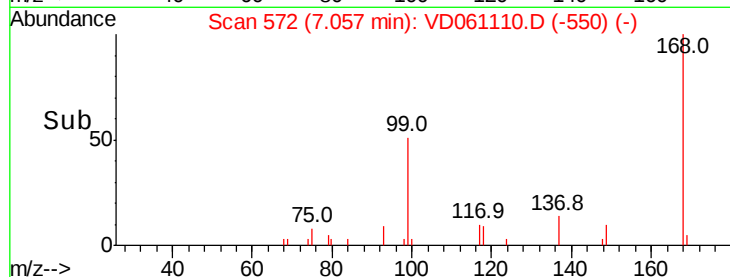
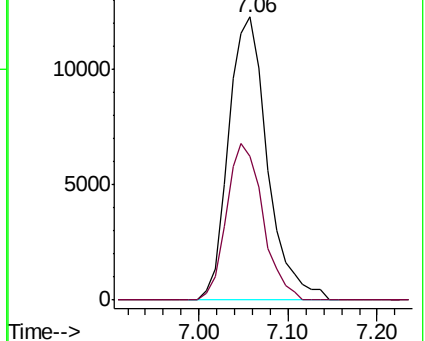
168 100

99 50.8 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: 141.473 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061110.D

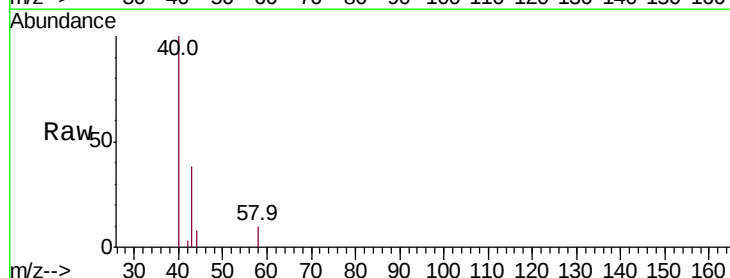
Acq: 16 Mar 2019 15:37

Tgt Ion: 43 Resp: 12601

Ion Ratio Lower Upper

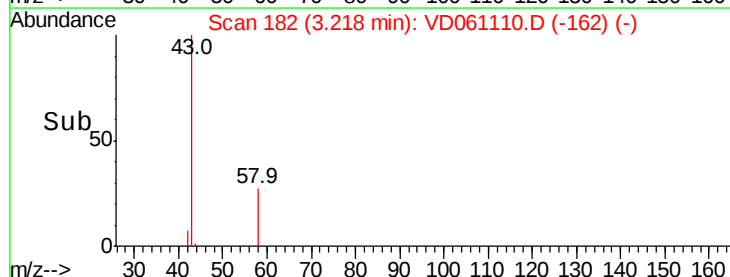
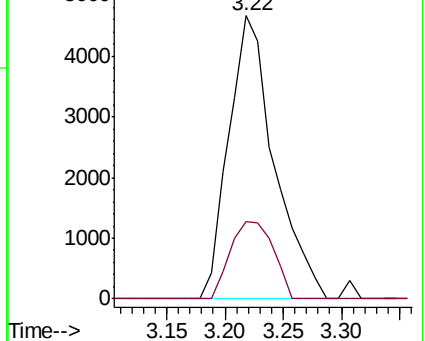
43 100

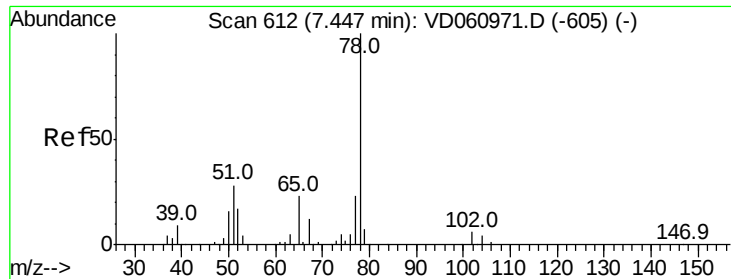
58 27.2 21.6 32.4



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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061110.D

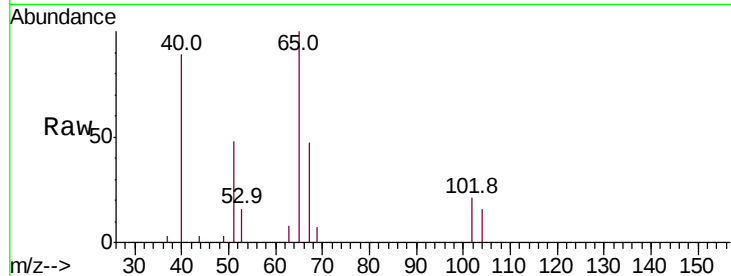
Acq: 16 Mar 2019 15:37

Tot Ion: 65 Resp: 36477

Ion Ratio Lower Upper

65 100

67 46.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

15000

10000

5000

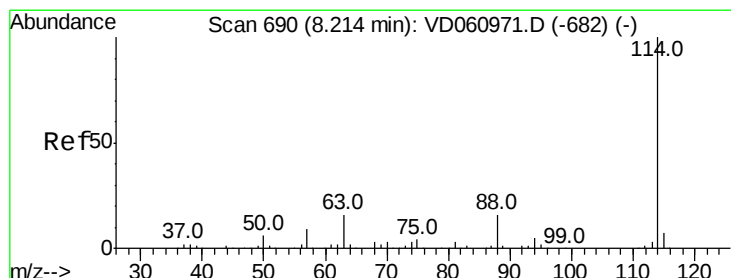
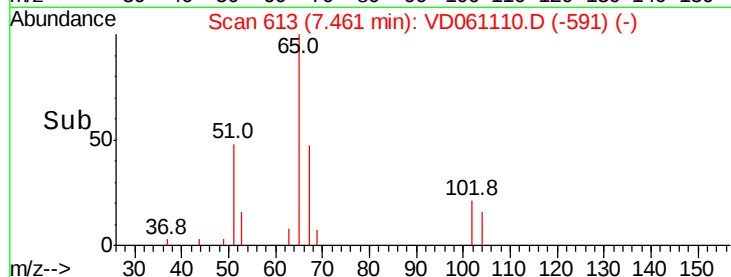
0

Time-->

7.40

7.50

7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061110.D

Acq: 16 Mar 2019 15:37

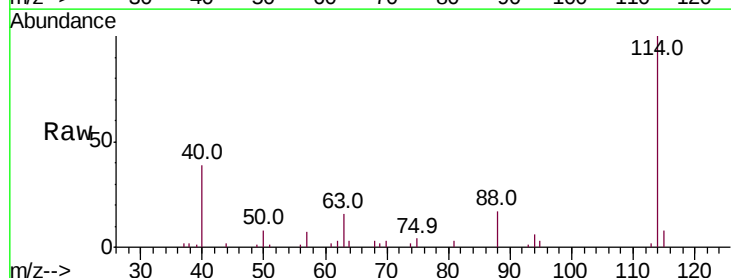
Tgt Ion: 114 Resp: 83993

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.4

88 17.1 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

8.22

40000

30000

20000

10000

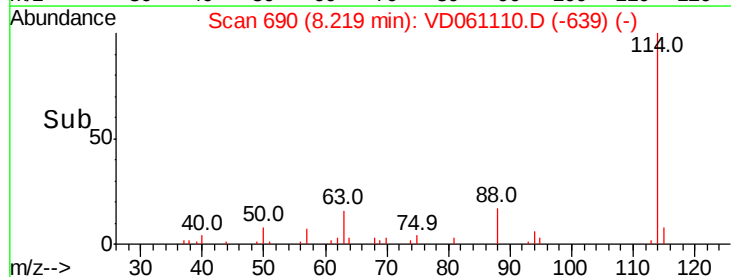
0

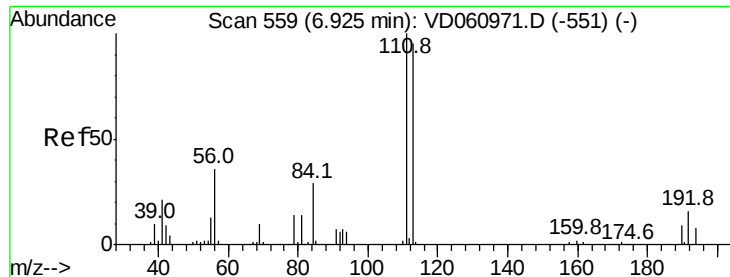
Time-->

8.10

8.20

8.30





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061110.D

Acq: 16 Mar 2019 15:37

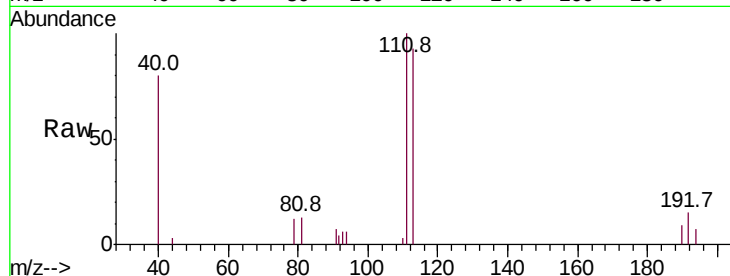
Tot Ion:113 Resp: 43164

Ion	Ratio	Lower	Upper
113	100		
111	107.6	84.2	126.4
192	15.6	13.1	19.7

113 100

111 107.6 84.2 126.4

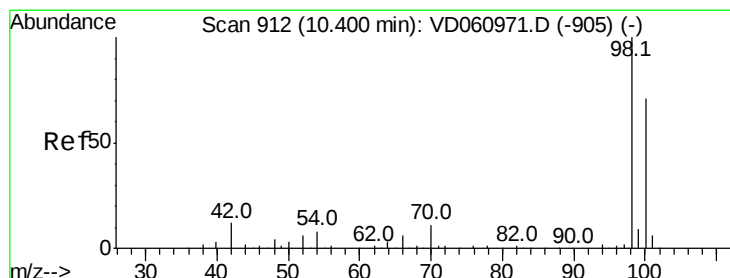
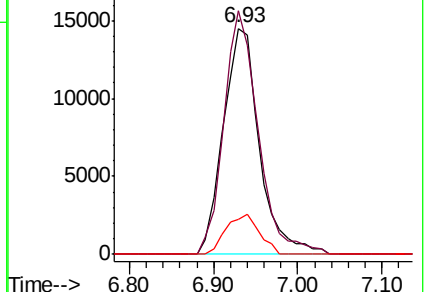
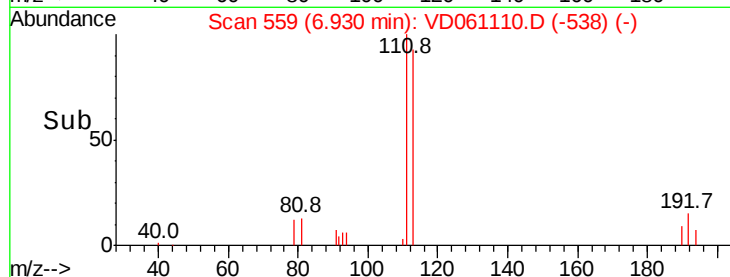
192 15.6 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061110.D

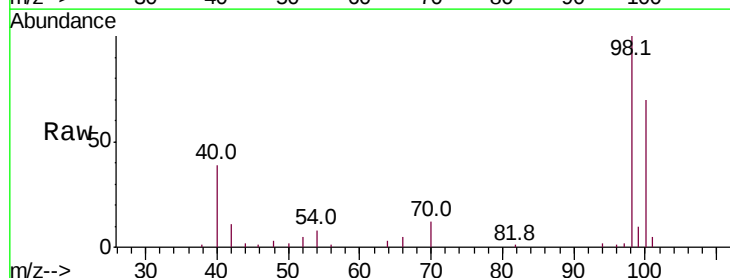
Acq: 16 Mar 2019 15:37

Tgt Ion: 98 Resp: 71925

Ion	Ratio	Lower	Upper
98	100		
100	70.2	57.4	86.2

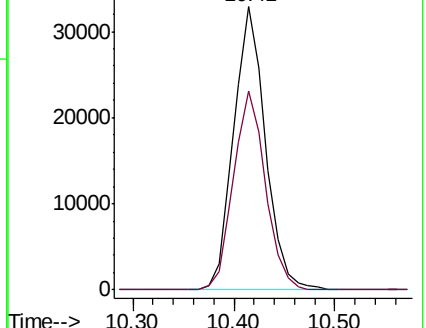
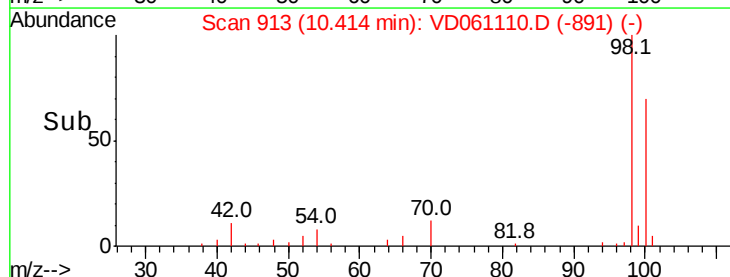
98 100

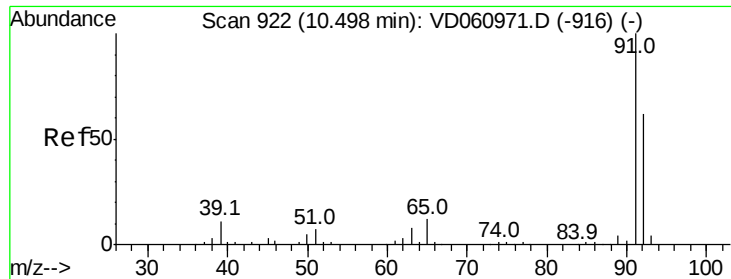
100 70.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 4.612 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061110.D

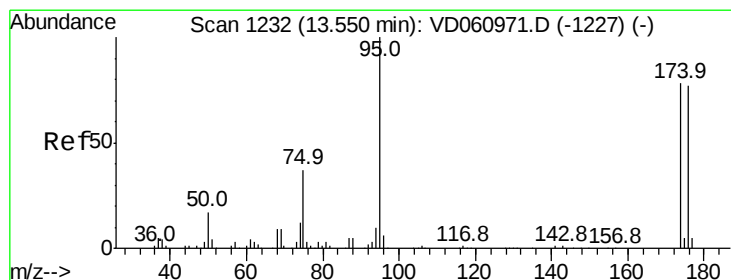
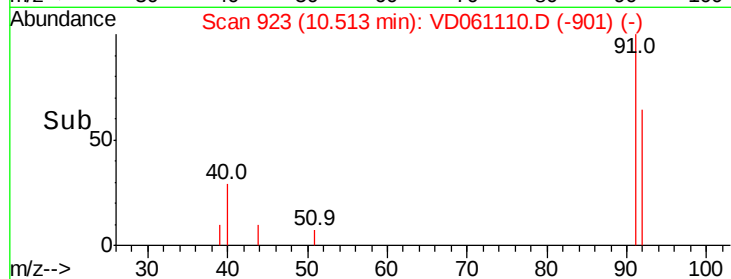
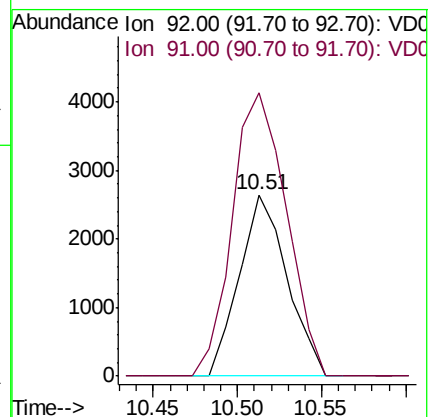
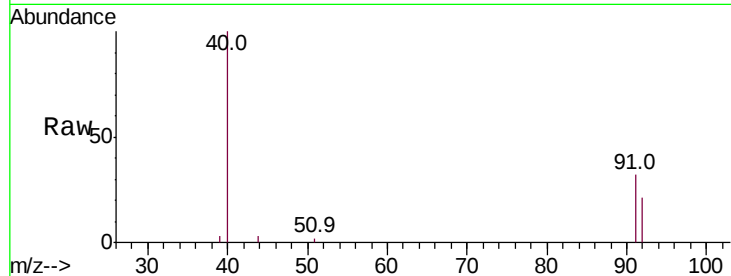
Acq: 16 Mar 2019 15:37

Tot Ion: 92 Resp: 5188

Ion Ratio Lower Upper

92 100

91 156.2 129.8 194.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061110.D

Acq: 16 Mar 2019 15:37

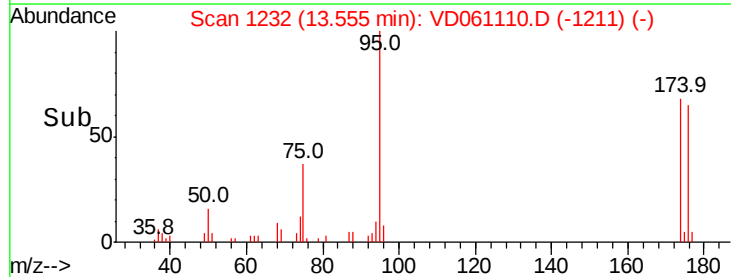
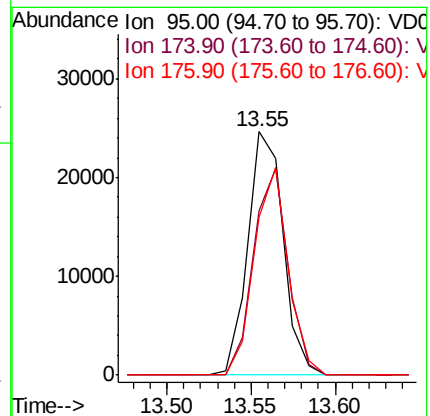
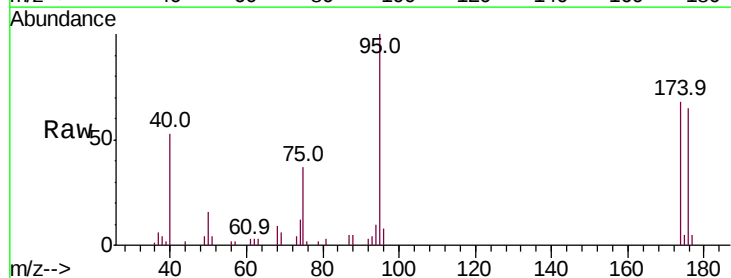
Tgt Ion: 95 Resp: 35931

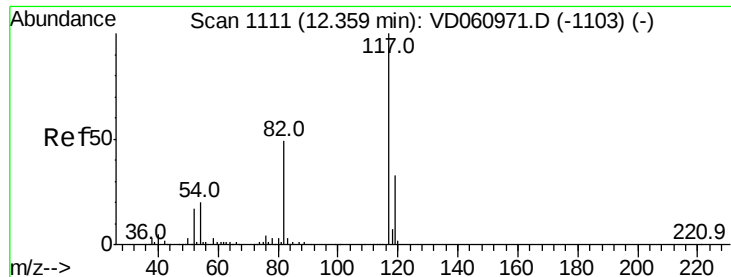
Ion Ratio Lower Upper

95 100

174 67.7 0.0 155.6

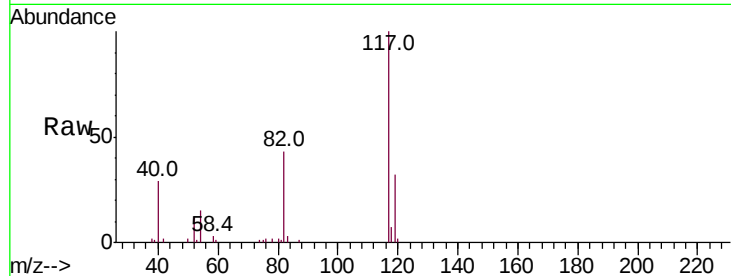
176 65.0 0.0 153.8



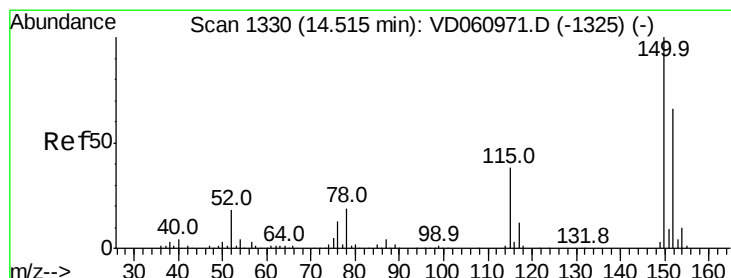
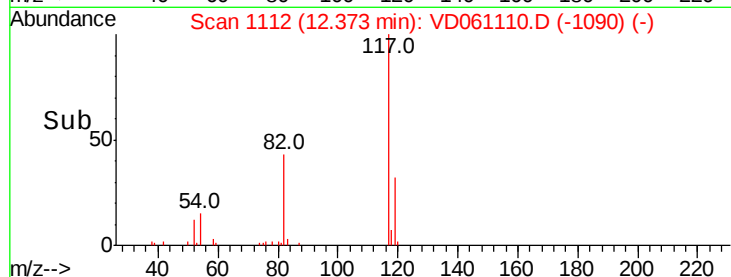
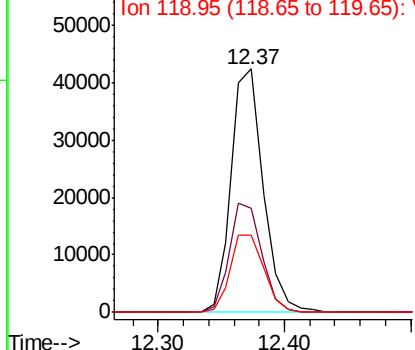


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tot Ion:117 Resp: 74445
Ion Ratio Lower Upper
117 100
82 42.7 38.9 58.3
119 31.6 26.6 39.8

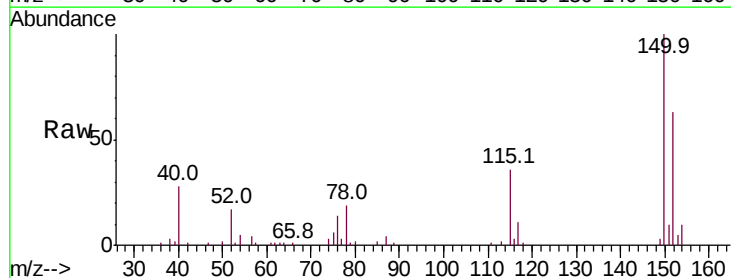


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:152 Resp: 32410
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.9
150 159.5 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

