

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061098.D
 Acq On : 15 Mar 2019 20:35
 Operator : VA/AP
 Sample : K1933-03
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: Mar 16 06:48:52 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

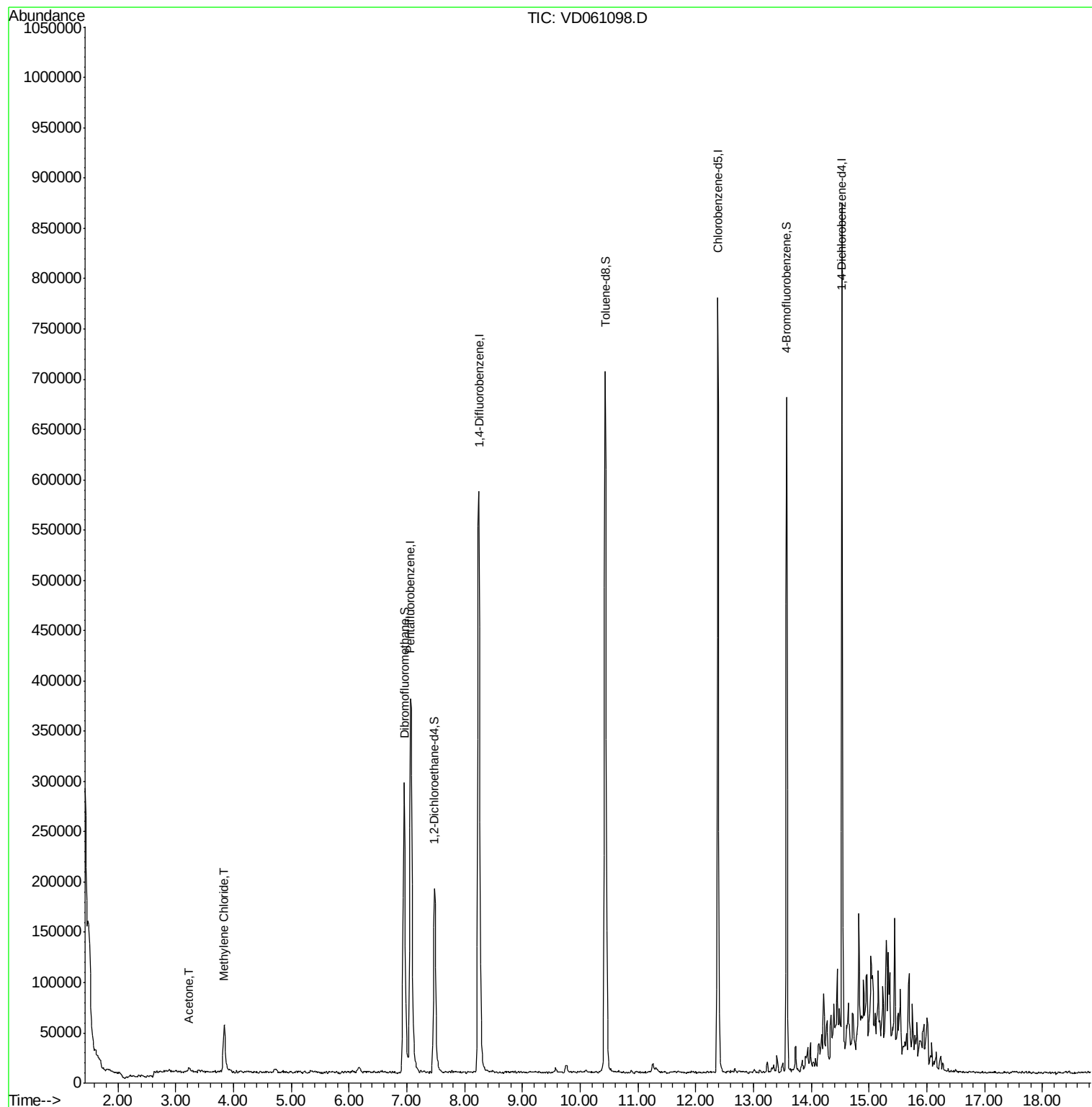
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	396903	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	726951	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	506719	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	185343	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	178226	53.95	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	6.96	113	268916	49.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.43	98	604119	44.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.18%	
62) 4-Bromofluorobenzene	13.57	95	211241	40.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.36%	
Target Compounds						
16) Acetone	3.24	43	7792	8.248	ug/l #	87
20) Methylene Chloride	3.85	84	36685	4.249	ug/l	89

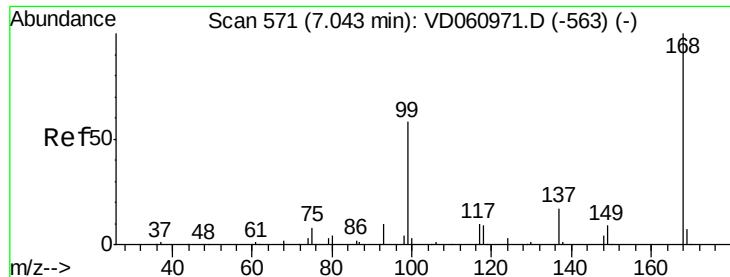
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

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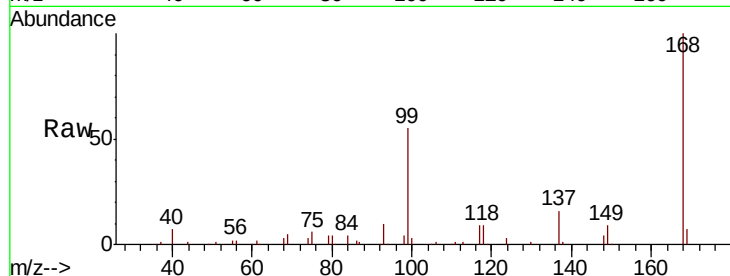
S-3

Tgt Ion:168 Resp: 396903

Ion Ratio Lower Upper

168 100

99 55.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

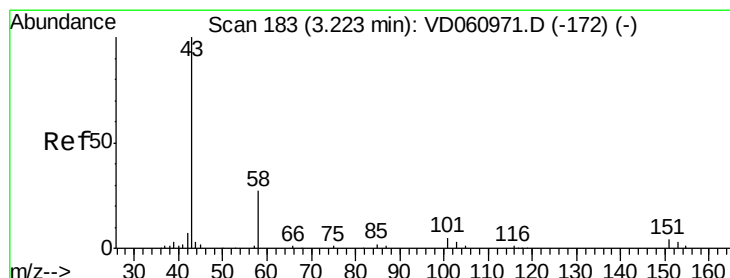
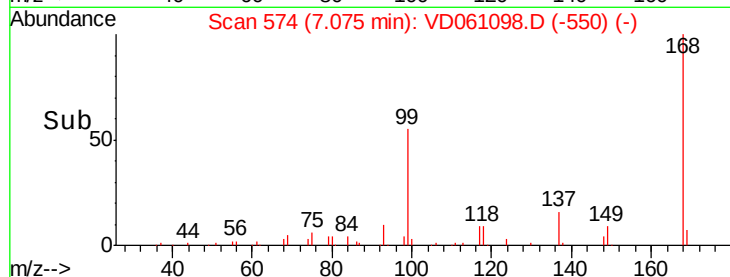
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 8.248 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061098.D

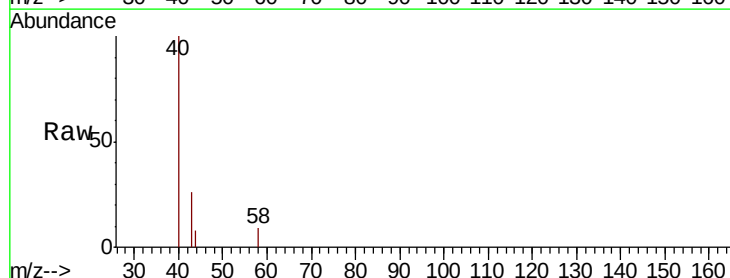
Acq: 15 Mar 2019 20:35

Tgt Ion: 43 Resp: 7792

Ion Ratio Lower Upper

43 100

58 33.7 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

3000

2500

2000

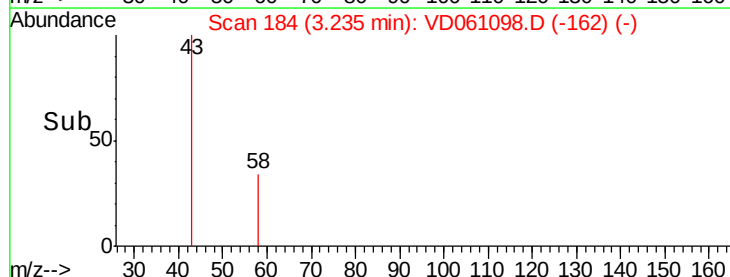
1500

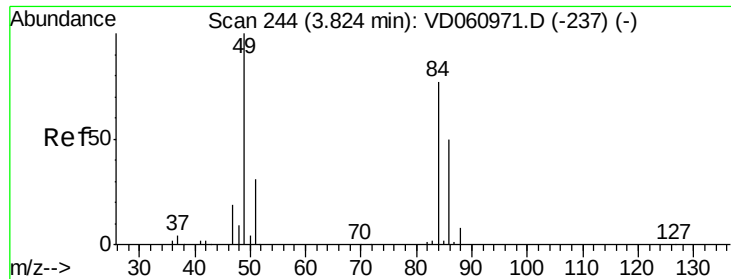
1000

500

0

Time--> 3.15 3.20 3.25 3.30

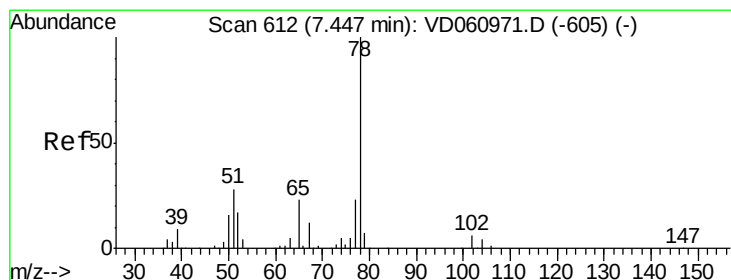
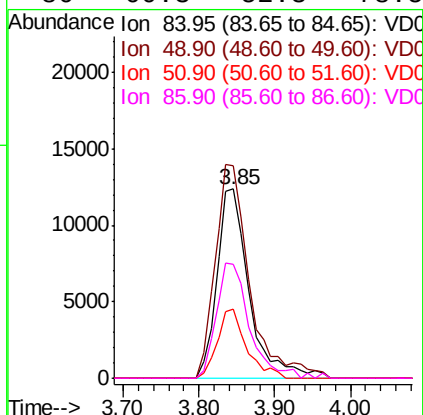
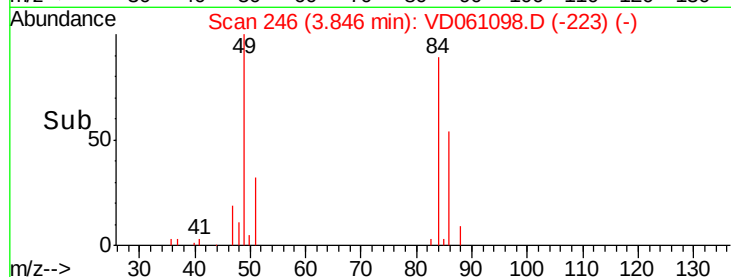
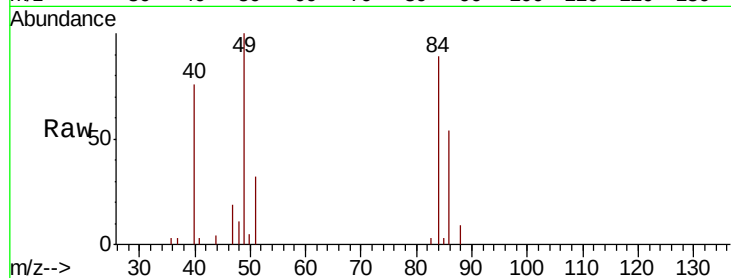




#20
Methylene Chloride
Concen: 4.249 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

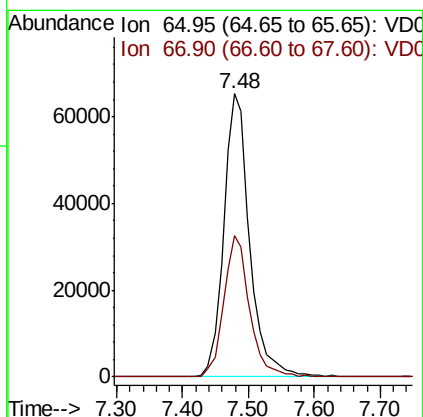
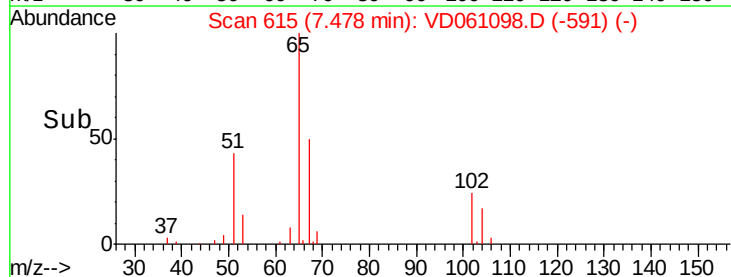
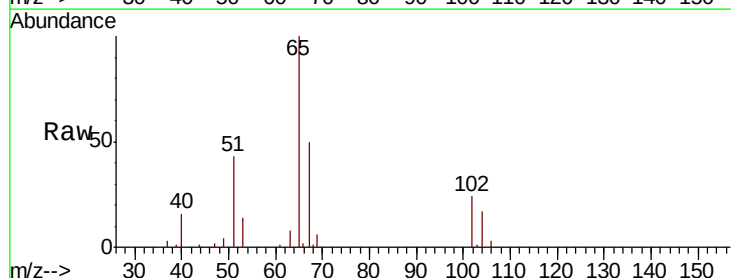
Instrument :
MSVOA_D
ClientSampleId :
S-3

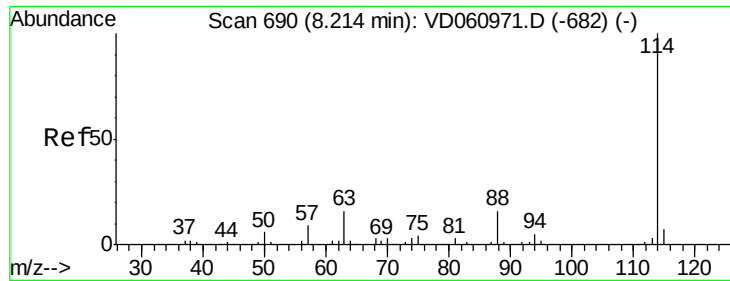
Tgt Ion:	84	Resp:	36685
Ion	Ratio	Lower	Upper
84	100		
49	112.5	104.2	156.2
51	36.4	32.3	48.5
86	60.3	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

Tgt Ion:	65	Resp:	178226
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061098.D

Acq: 15 Mar 2019 20:35

Instrument :

MSVOA_D

ClientSampleId :

S-3

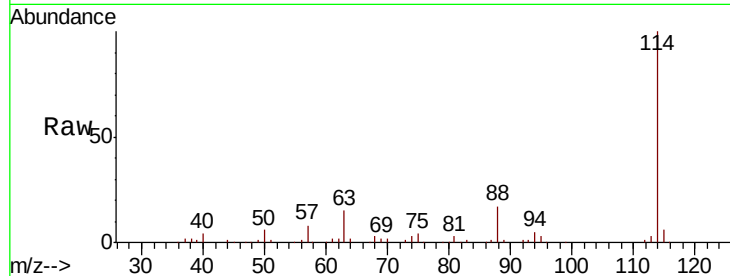
Tgt Ion:114 Resp: 726951

Ion Ratio Lower Upper

114 100

63 15.4 0.0 31.4

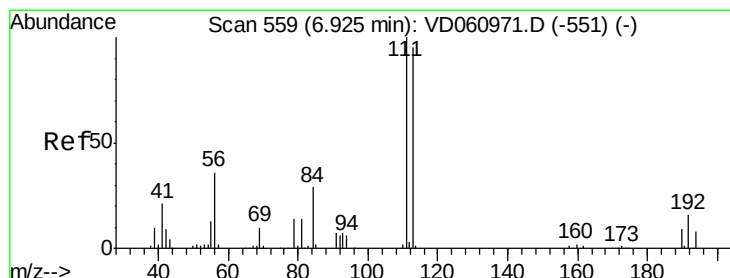
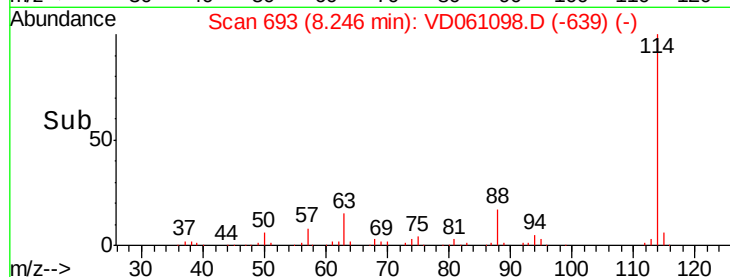
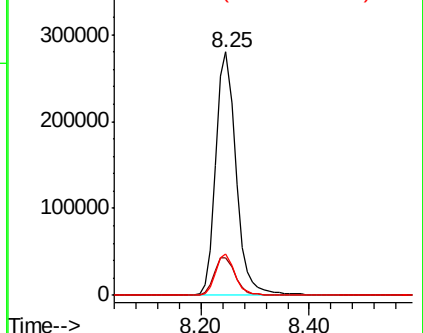
88 17.0 0.0 33.0



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: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061098.D

Acq: 15 Mar 2019 20:35

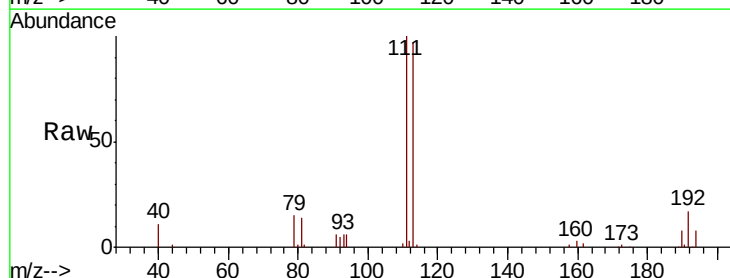
Tgt Ion:113 Resp: 268916

Ion Ratio Lower Upper

113 100

111 103.6 84.2 126.4

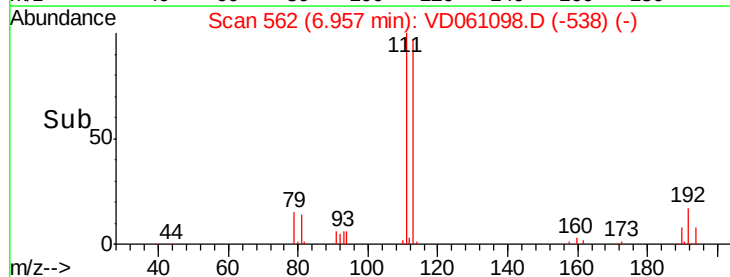
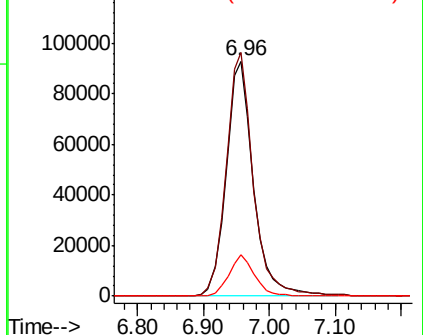
192 17.4 13.1 19.7

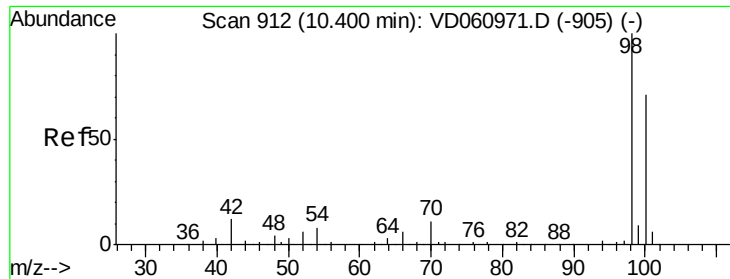


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

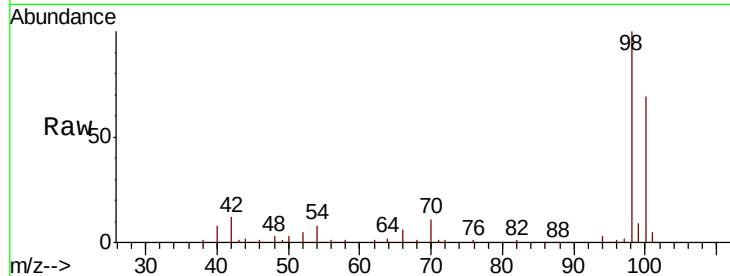




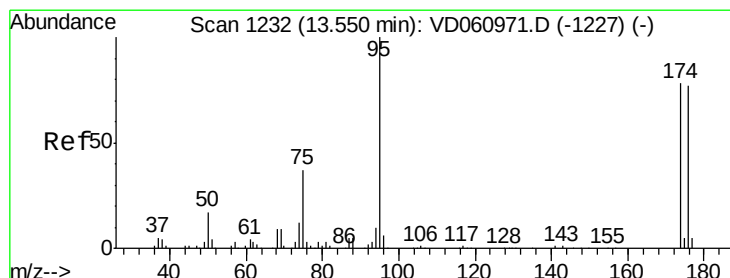
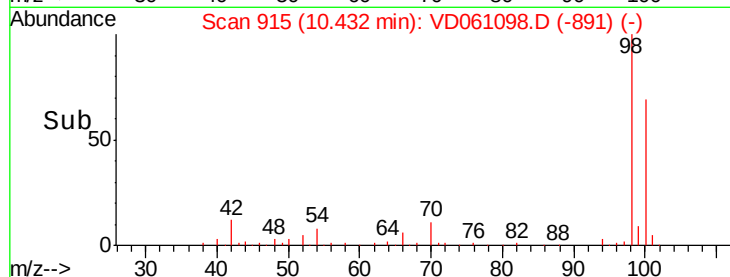
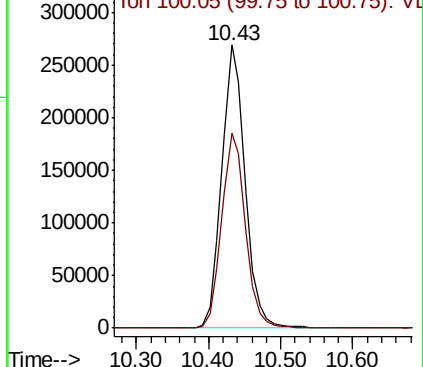
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

Instrument :
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Tgt Ion: 98 Resp: 604119
Ion Ratio Lower Upper
98 100
100 69.0 57.4 86.2

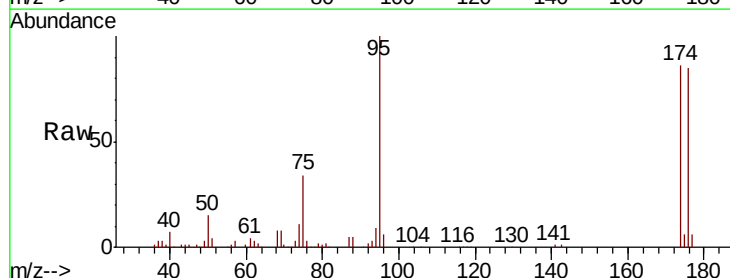


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

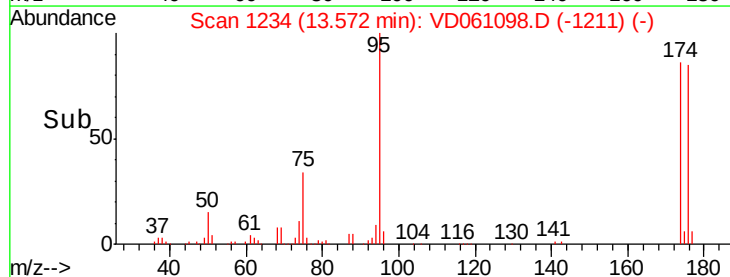
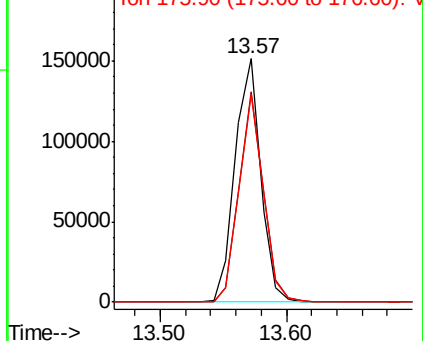


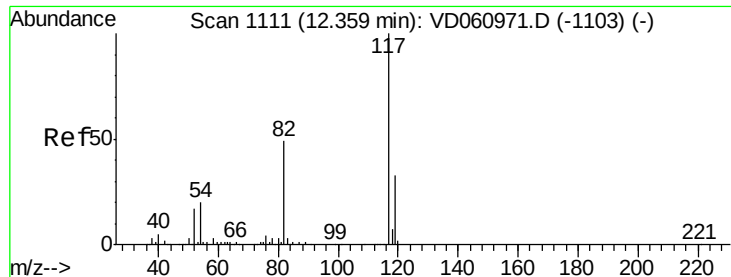
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

Tgt Ion: 95 Resp: 211241
Ion Ratio Lower Upper
95 100
174 86.2 0.0 155.6
176 85.3 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) (-)

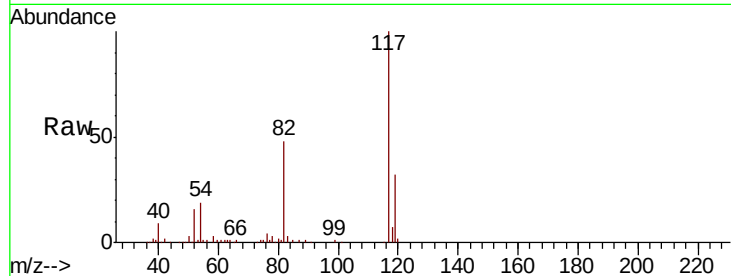




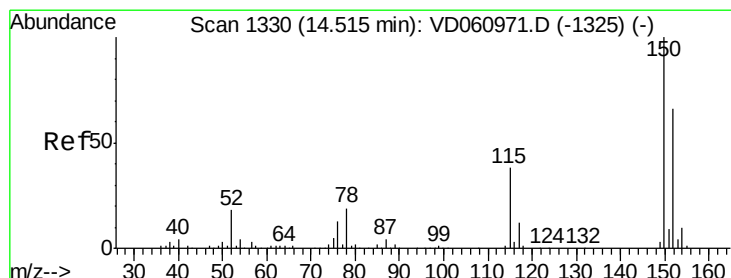
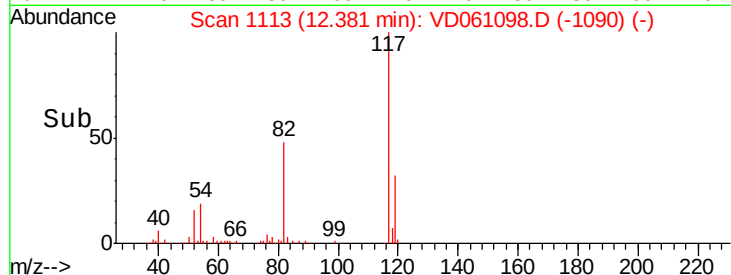
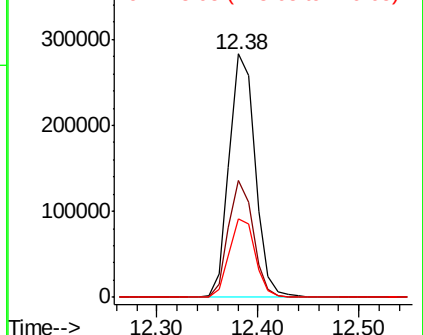
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

Instrument :
MSVOA_D
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Tgt Ion:117 Resp: 506719
Ion Ratio Lower Upper
117 100
82 48.0 38.9 58.3
119 32.4 26.6 39.8

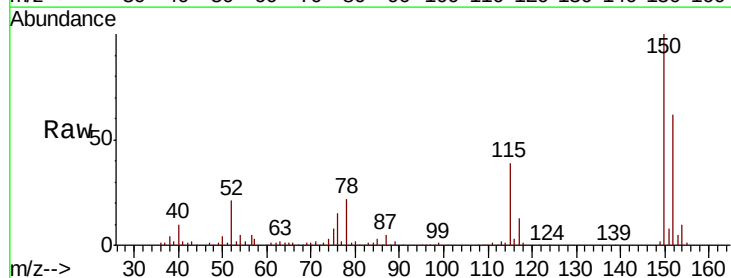


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061098.D
Acq: 15 Mar 2019 20:35

Tgt Ion:152 Resp: 185343
Ion Ratio Lower Upper
152 100
115 63.2 28.6 85.9
150 160.0 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

