

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092118\
 Data File : VD060068.D
 Acq On : 21 Sep 2018 13:42
 Operator : VA/AP
 Sample : J5017-01RE
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055RE

Quant Time: Sep 24 13:36:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

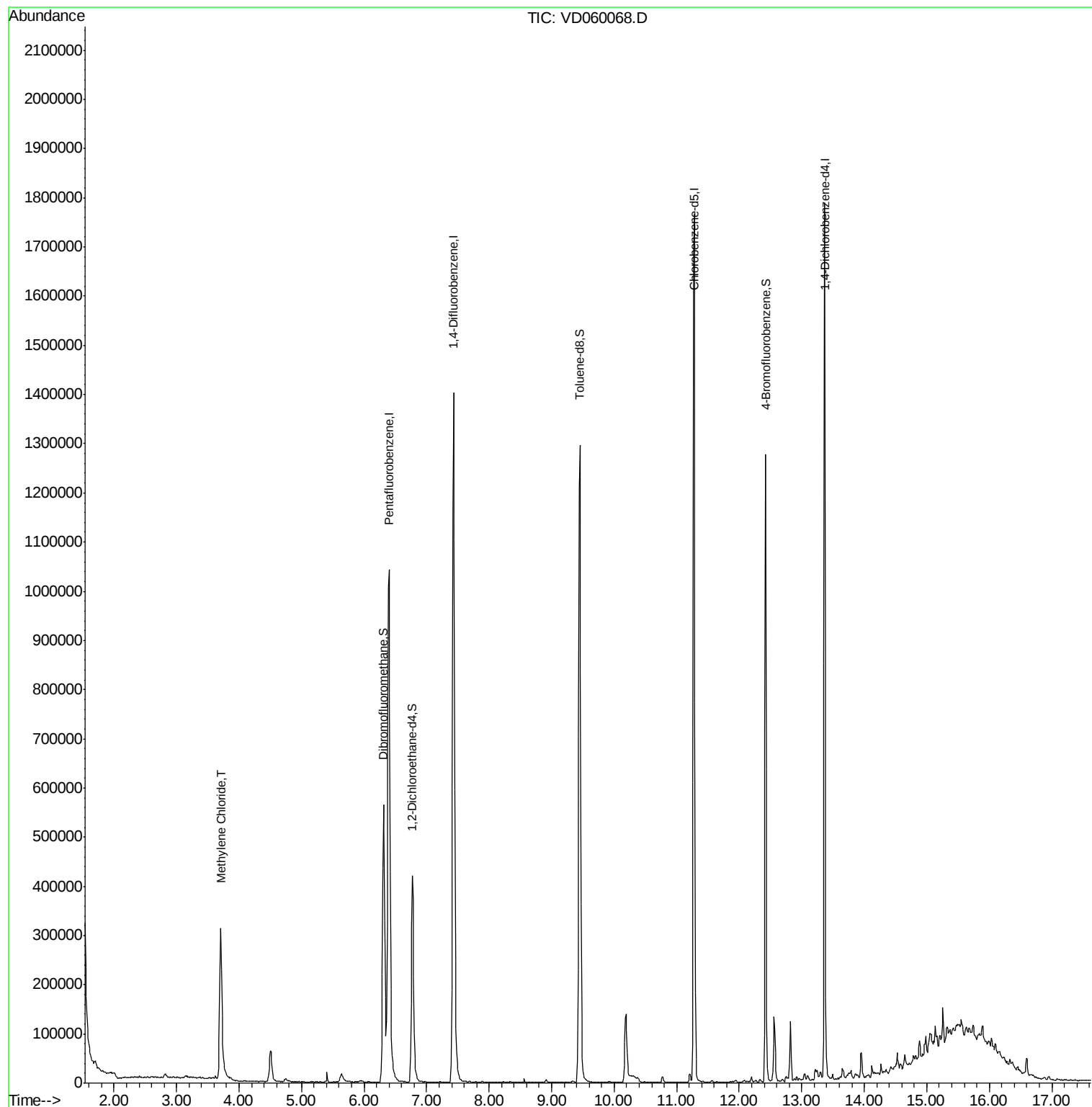
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1072251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	1464426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1019070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	387736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	345907	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
35) Dibromofluoromethane	6.31	113	455409	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
50) Toluene-d8	9.45	98	1075470	33.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.84%	
62) 4-Bromofluorobenzene	12.42	95	342301	28.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.52%	
Target Compounds						
20) Methylene Chloride	3.71	84	196292	11.544	ug/l	Qvalue 99

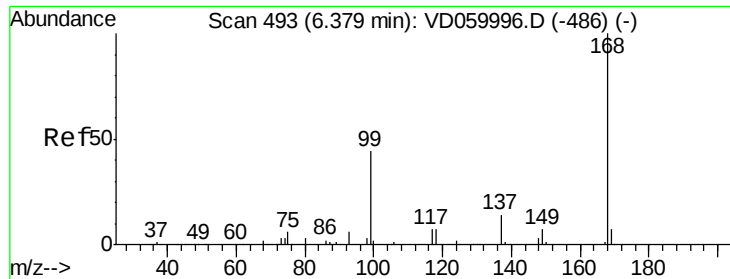
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

Instrument :

MSVOA_D

ClientSampleId :

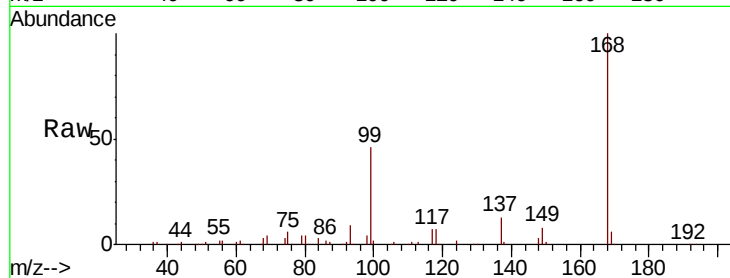
RA-091918-N-NW-055RE

Tot Ion:168 Resp: 1072251

Ion Ratio Lower Upper

168 100

99 46.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

400000

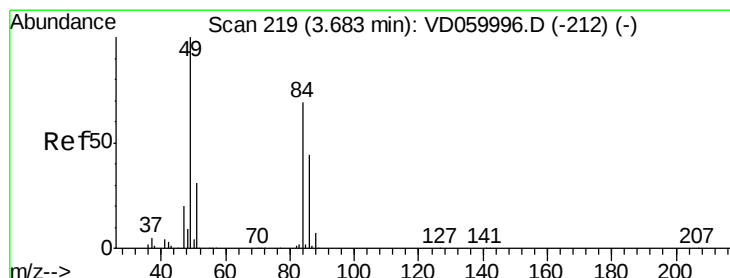
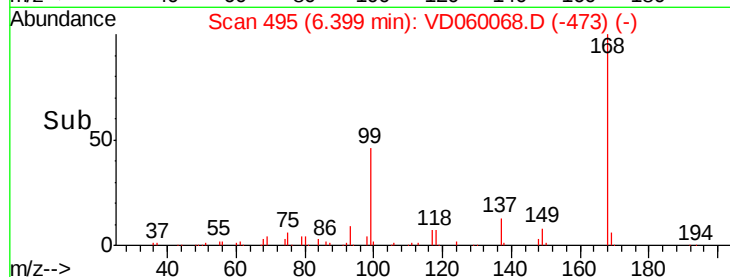
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 11.544 ug/l

RT: 3.71 min Scan# 222

Delta R.T. 0.03 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

Tgt Ion: 84 Resp: 196292

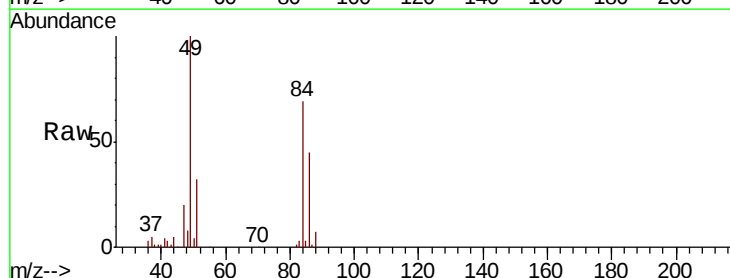
Ion Ratio Lower Upper

84 100

49 144.9 116.6 175.0

51 46.8 35.9 53.9

86 65.0 51.8 77.6



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

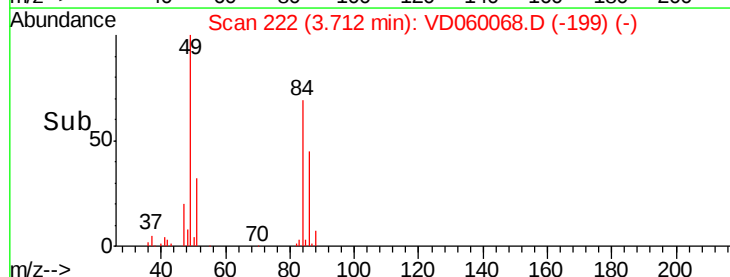
150000

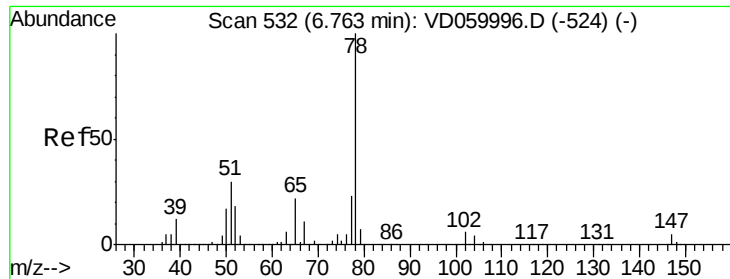
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

Instrument :

MSVOA_D

ClientSampleId :

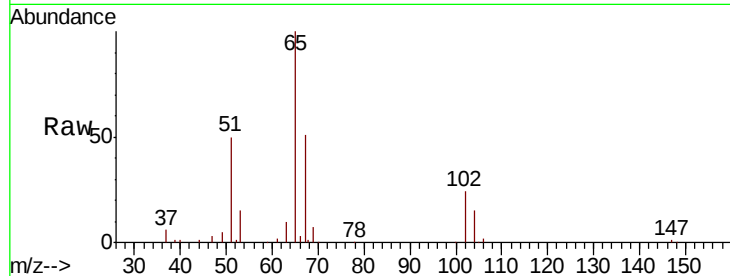
RA-091918-N-NW-055RE

Tot Ion: 65 Resp: 345907

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

150000

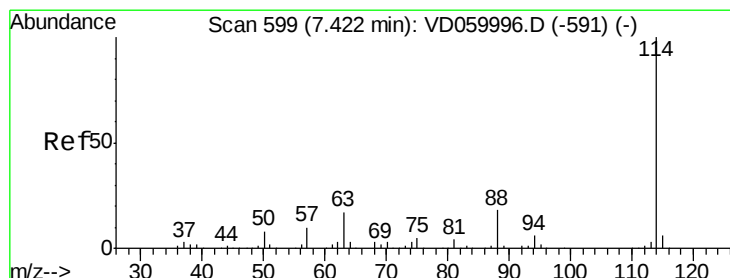
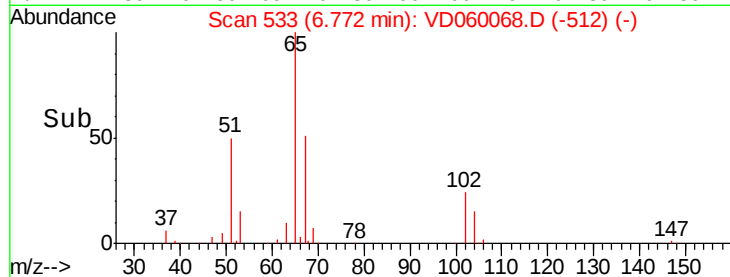
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

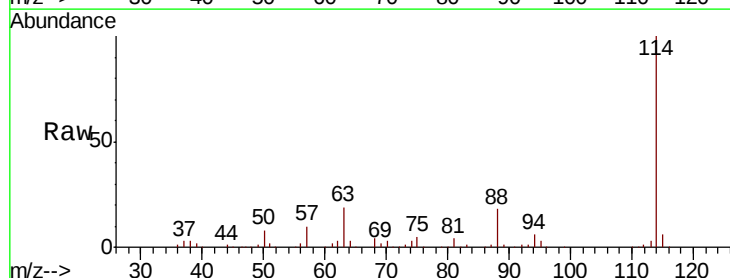
Tgt Ion: 114 Resp: 1464426

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.4

88 18.1 0.0 35.8



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

800000

600000

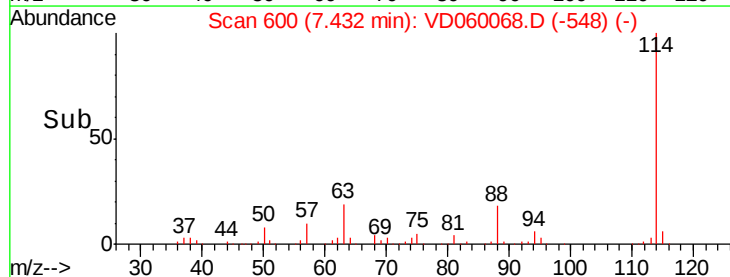
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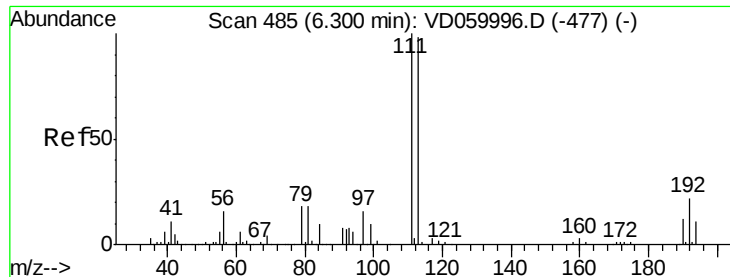
200000

0

7.40 7.60

Time-->

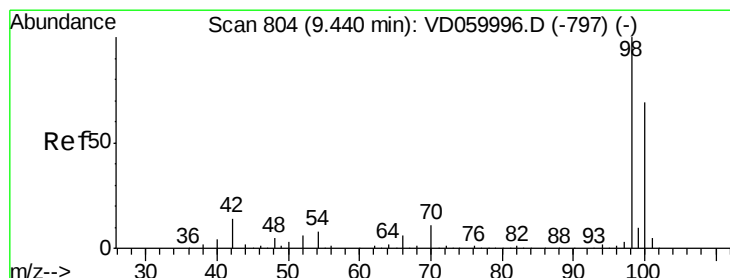
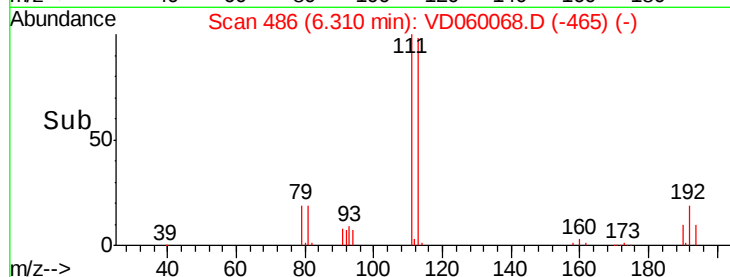
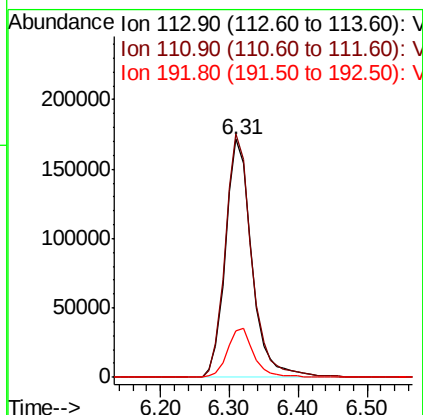
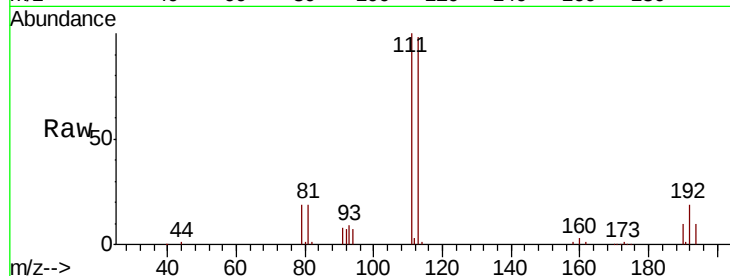




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060068.D
 Acq: 21 Sep 2018 13:42

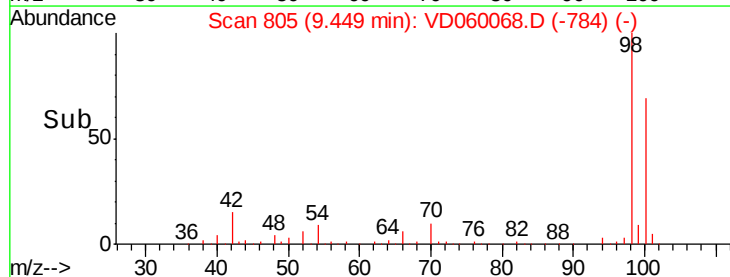
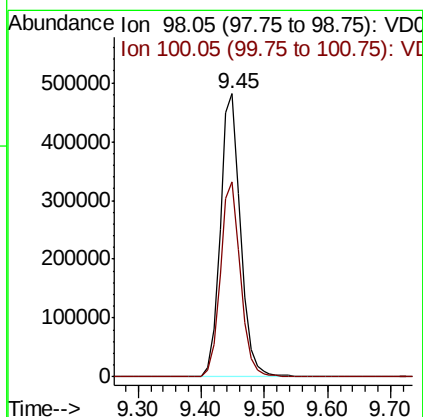
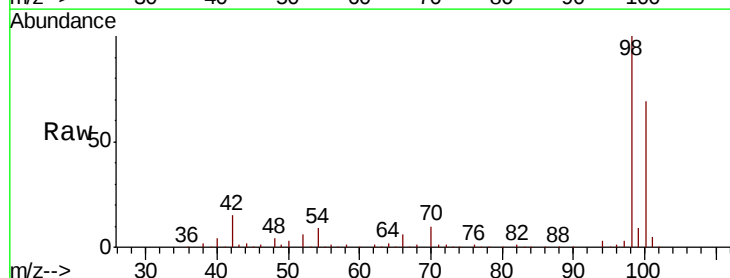
Instrument :
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 RA-091918-N-NW-055RE

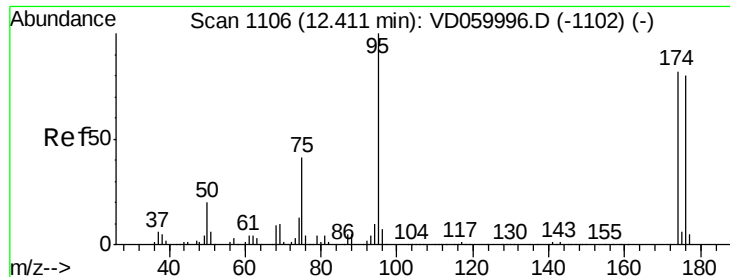
Tot Ion:113 Resp: 455409
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 19.5 18.1 27.1



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VD060068.D
 Acq: 21 Sep 2018 13:42

Tgt Ion: 98 Resp: 1075470
 Ion Ratio Lower Upper
 98 100
 100 69.1 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-N-NW-055RE

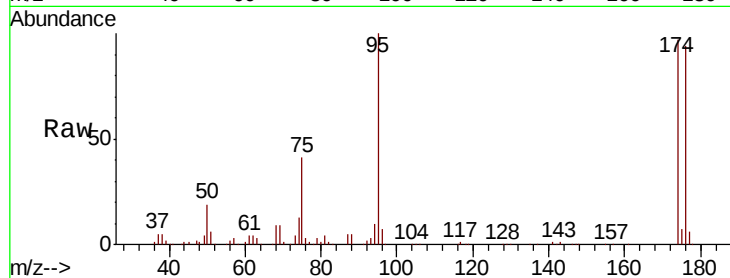
Tot Ion: 95 Resp: 342301

Ion Ratio Lower Upper

95 100

174 97.3 0.0 165.0

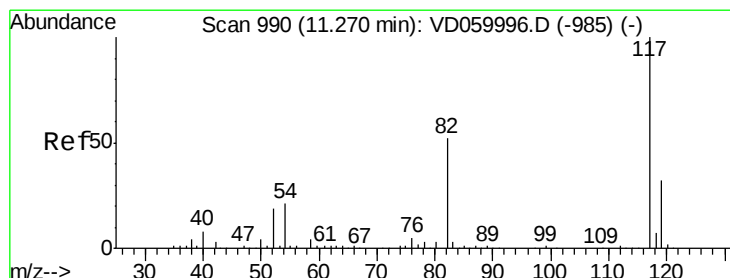
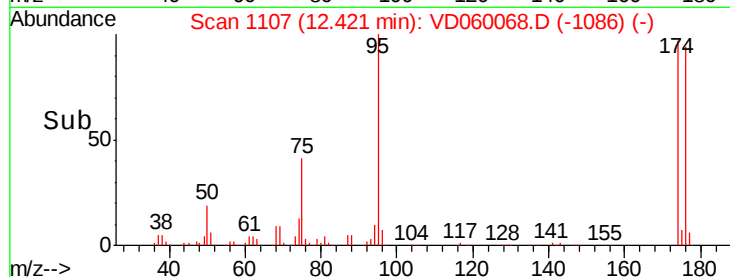
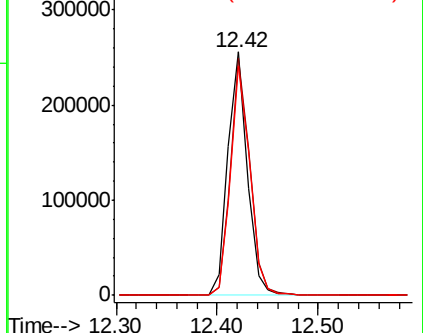
176 94.4 0.0 160.2



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: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060068.D

Acq: 21 Sep 2018 13:42

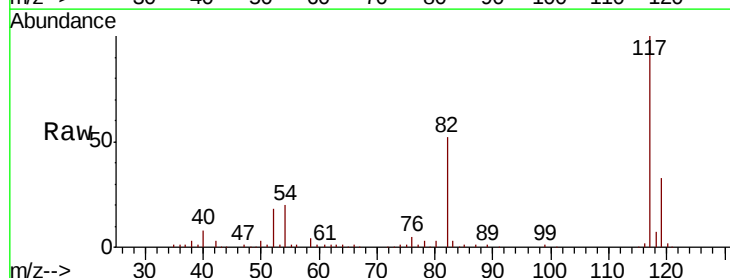
Tgt Ion: 117 Resp: 1019070

Ion Ratio Lower Upper

117 100

82 51.7 41.7 62.5

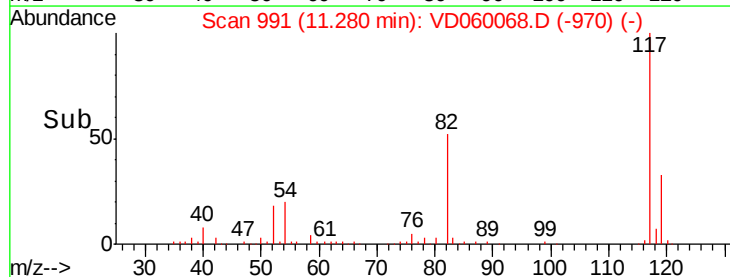
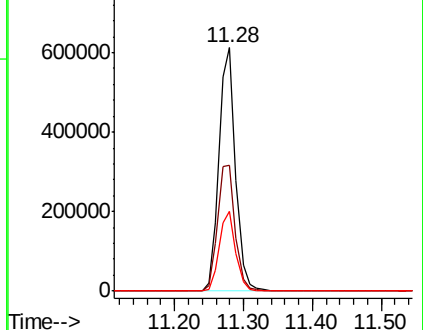
119 32.5 26.0 39.0

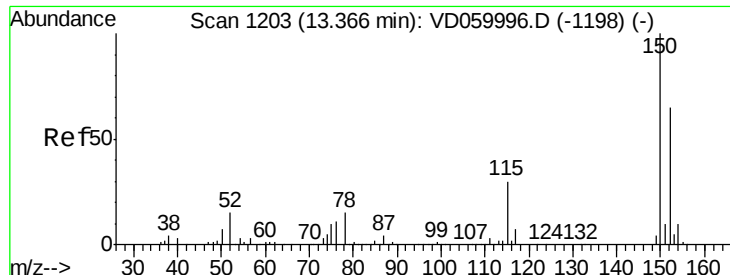


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

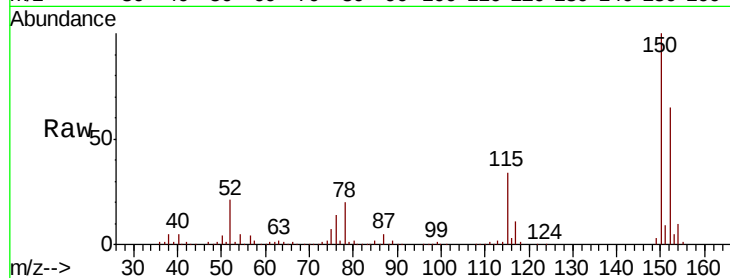




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: VD060068.D
 Acq: 21 Sep 2018 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055RE

Tot Ion:152 Resp: 387736
 Ion Ratio Lower Upper
 152 100
 115 52.7 24.6 73.8
 150 153.7 0.0 313.4



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

