

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060151.D
 Acq On : 9 Oct 2018 15:16
 Operator : VA/AP
 Sample : J5200-07
 Misc : 6.47g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-100818-B

Quant Time: Oct 10 10:34:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1153862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1582427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1169631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	483404	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	736740	84.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.46%	
35) Dibromofluoromethane	6.30	113	907488	75.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.04%	
50) Toluene-d8	9.44	98	2159139	63.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.02%	
62) 4-Bromofluorobenzene	12.41	95	757498	59.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.08%	

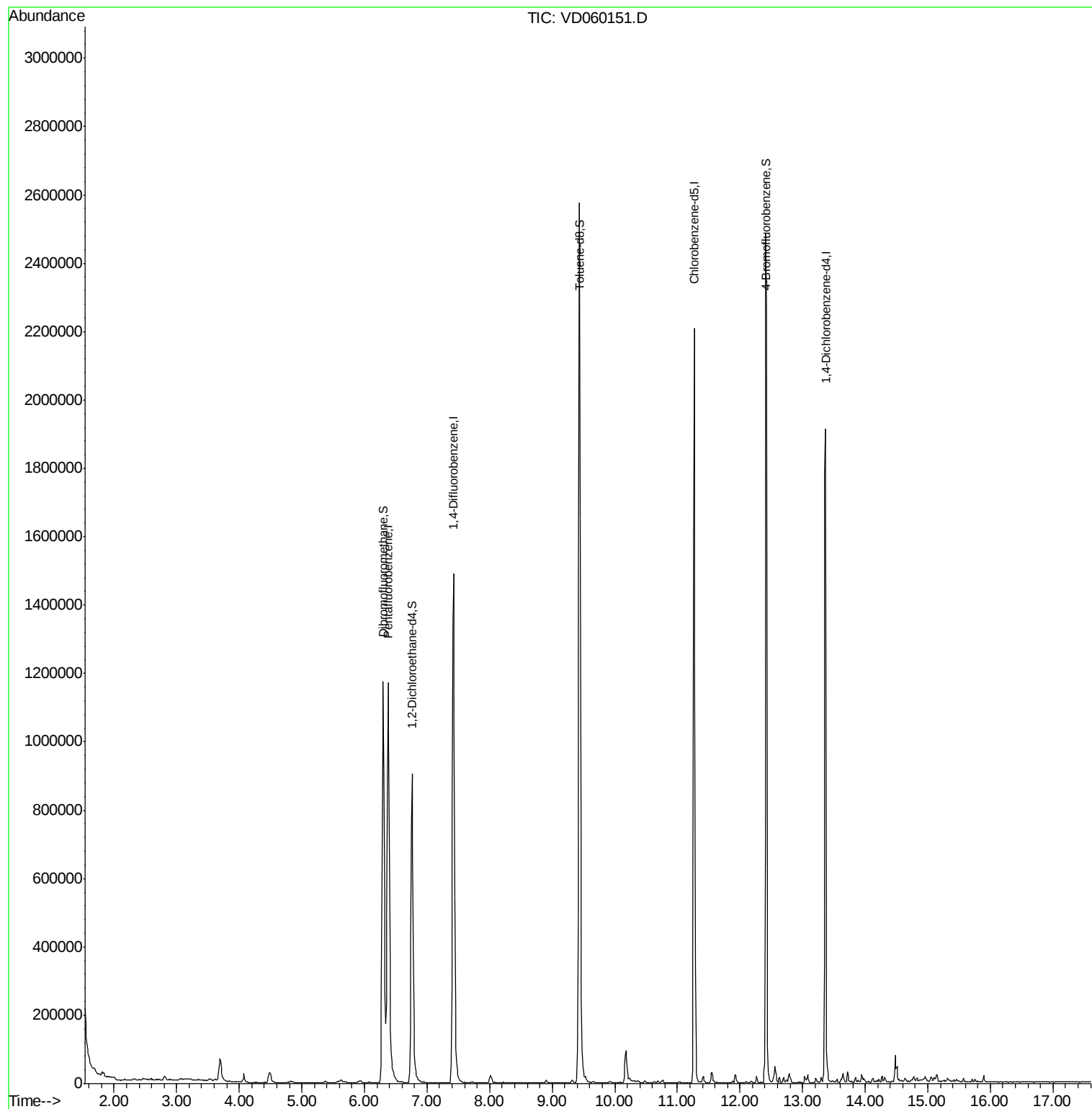
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060151.D

Acq: 9 Oct 2018 15:16

Instrument :

MSVOA_D

ClientSampleId :

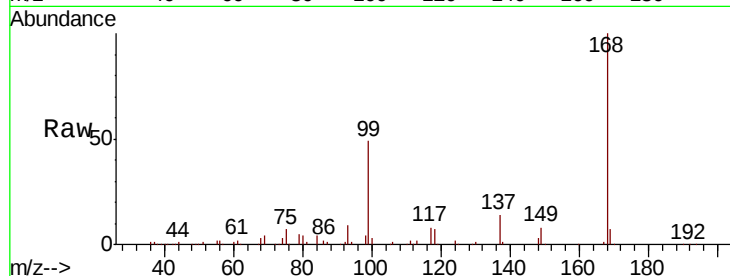
OR-03-100818-B

Tot Ion:168 Resp: 1153862

Ion Ratio Lower Upper

168 100

99 48.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

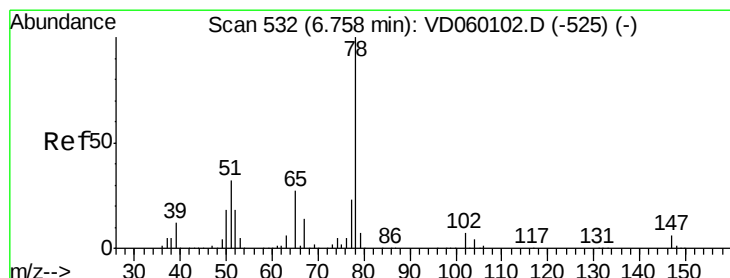
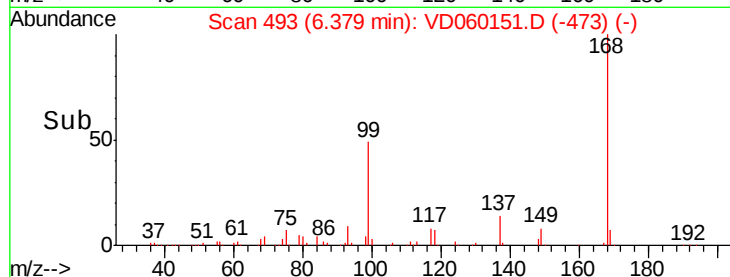
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.76 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD060151.D

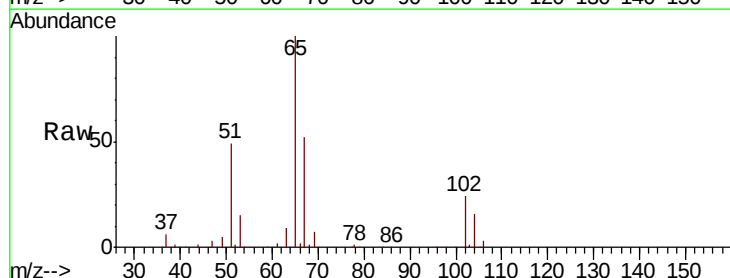
Acq: 9 Oct 2018 15:16

Tgt Ion: 65 Resp: 736740

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

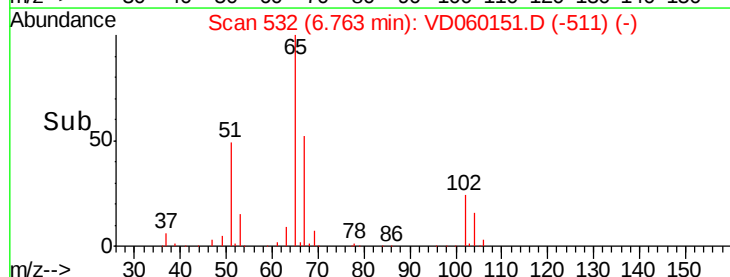
300000

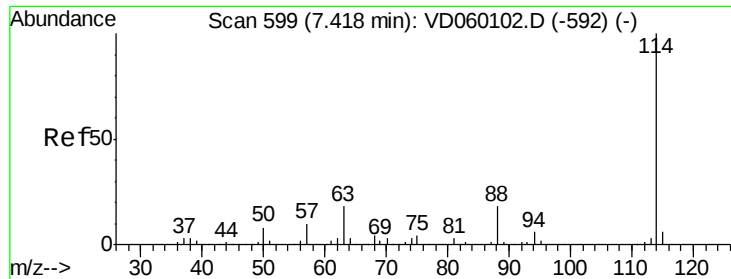
200000

100000

0

Time--> 6.60 6.70 6.80 6.90

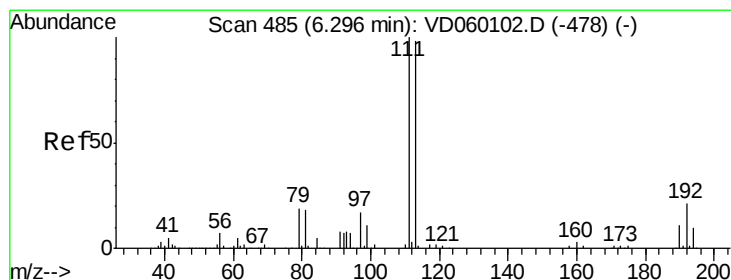
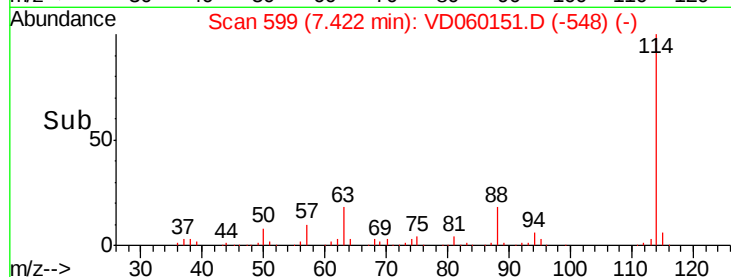
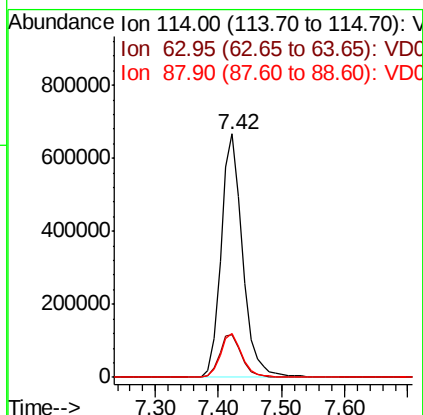
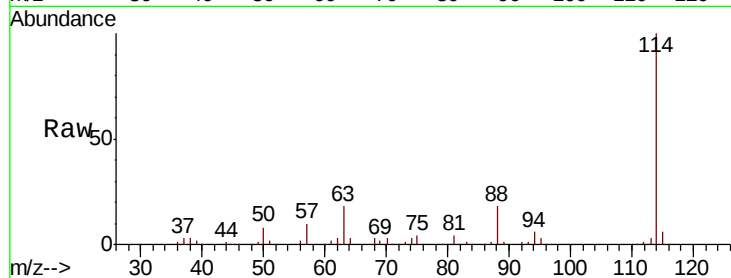




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060151.D
 Acq: 9 Oct 2018 15:16

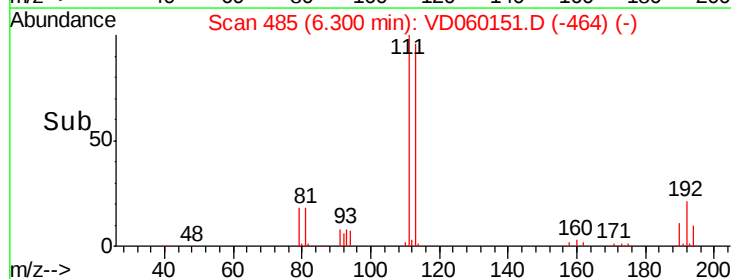
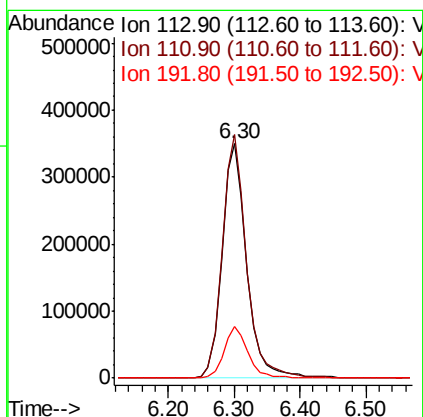
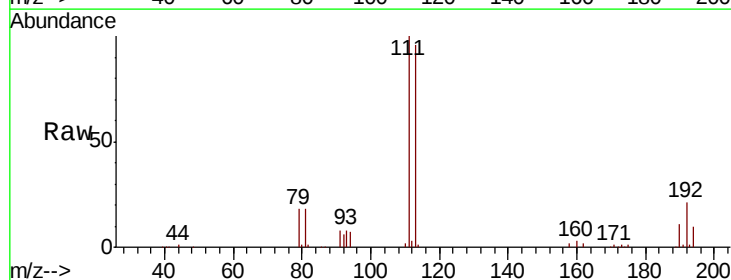
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-100818-B

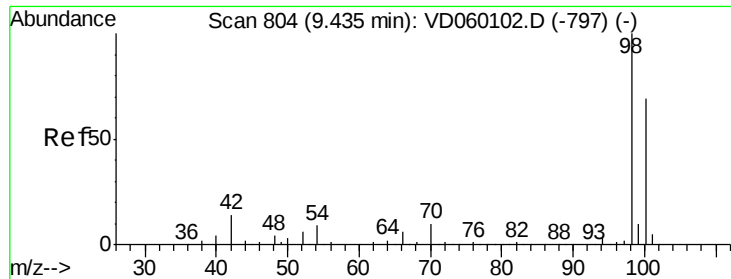
Tot Ion:114 Resp: 1582427
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.1 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: VD060151.D
 Acq: 9 Oct 2018 15:16

Tgt Ion:113 Resp: 907488
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.5 122.3
 192 22.2 17.4 26.0

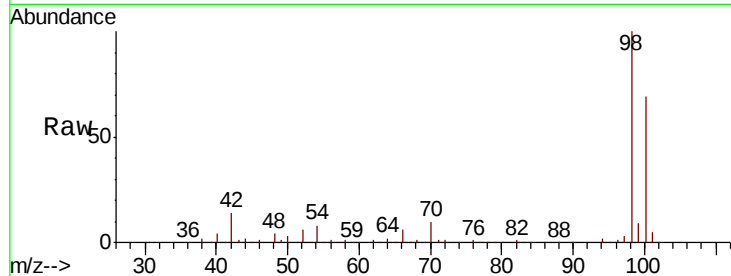




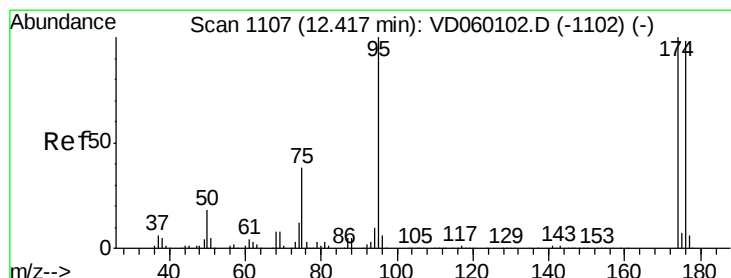
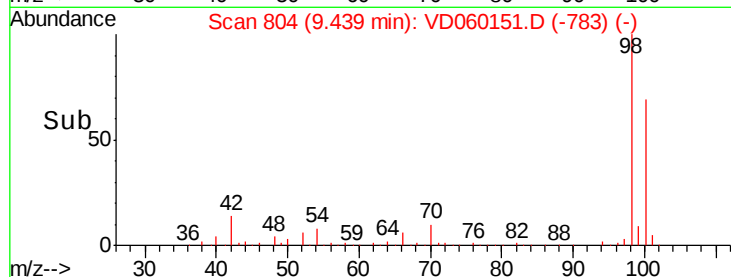
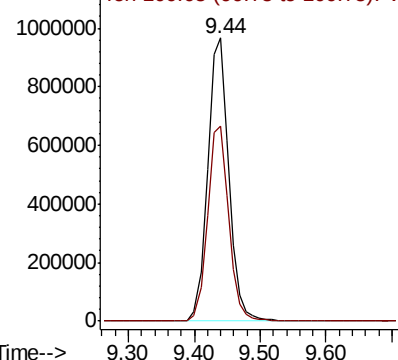
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. 0.00 min
Lab File: VD060151.D
Acq: 9 Oct 2018 15:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-B

Tot Ion: 98 Resp: 2159139
Ion Ratio Lower Upper
98 100
100 68.8 55.4 83.0

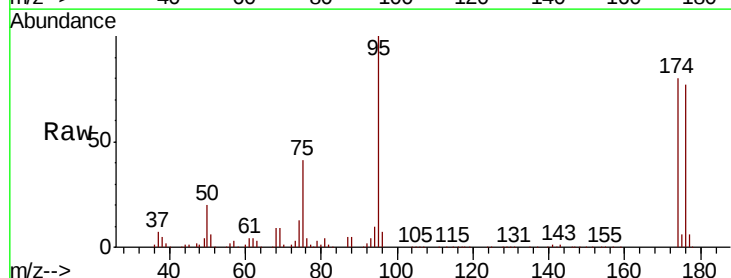


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

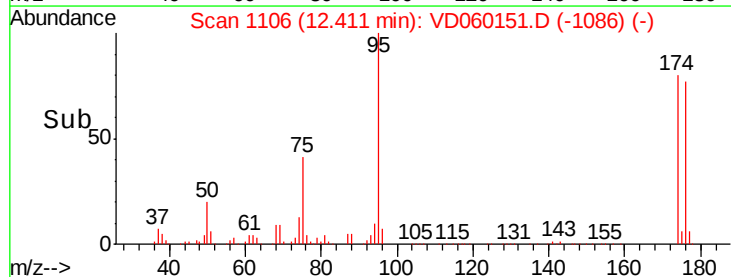
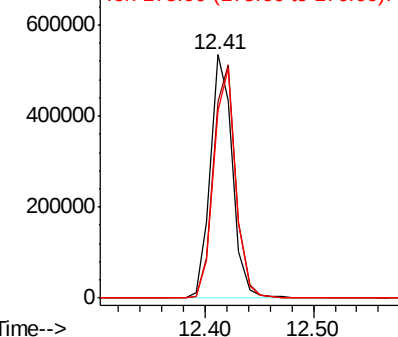


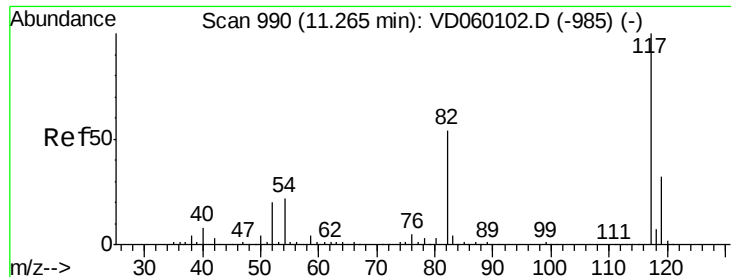
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060151.D
Acq: 9 Oct 2018 15:16

Tgt Ion: 95 Resp: 757498
Ion Ratio Lower Upper
95 100
174 80.4 0.0 200.2
176 77.1 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: 11.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD060151.D

Acq: 9 Oct 2018 15:16

Instrument :

MSVOA_D

ClientSampleId :

OR-03-100818-B

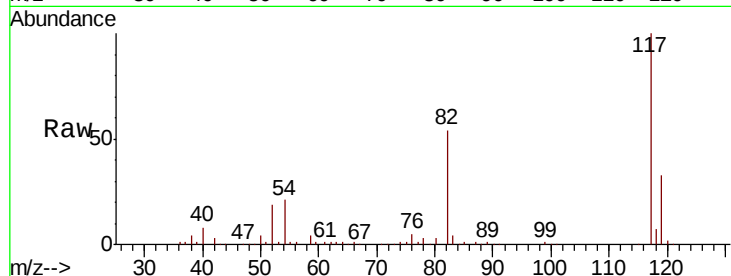
Tot Ion:117 Resp: 1169631

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.2

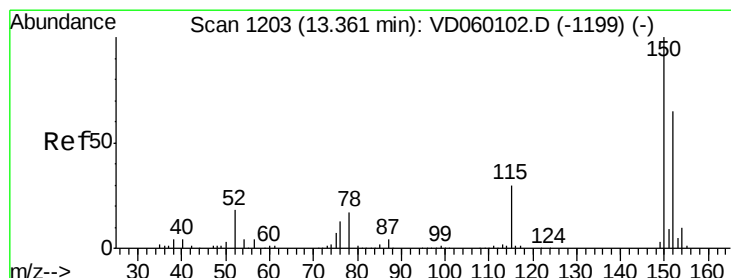
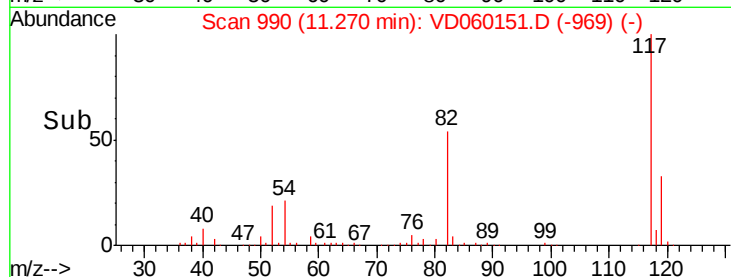
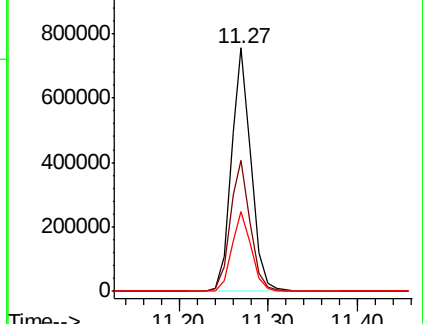
119 32.7 26.0 39.0



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: VD060151.D

Acq: 9 Oct 2018 15:16

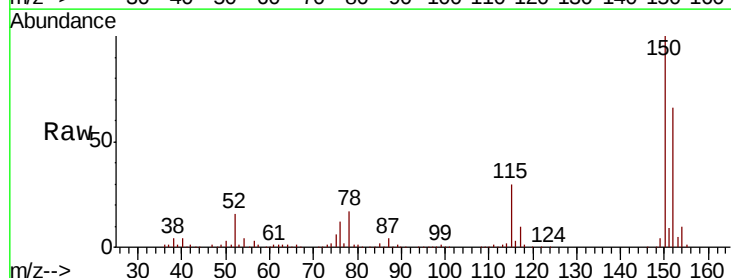
Tgt Ion:152 Resp: 483404

Ion Ratio Lower Upper

152 100

115 45.7 27.1 81.2

150 152.1 0.0 311.8



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

