

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060156.D
 Acq On : 9 Oct 2018 17:38
 Operator : VA/AP
 Sample : J5201-05
 Misc : 6.63g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-C

Quant Time: Oct 10 01:48:31 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	6.37	168	1261388	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	1716440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1256378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	521340	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	635014	66.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.82%	
35) Dibromofluoromethane	6.29	113	790090	60.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.24%	
50) Toluene-d8	9.43	98	1538588	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
62) 4-Bromofluorobenzene	12.41	95	660486	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

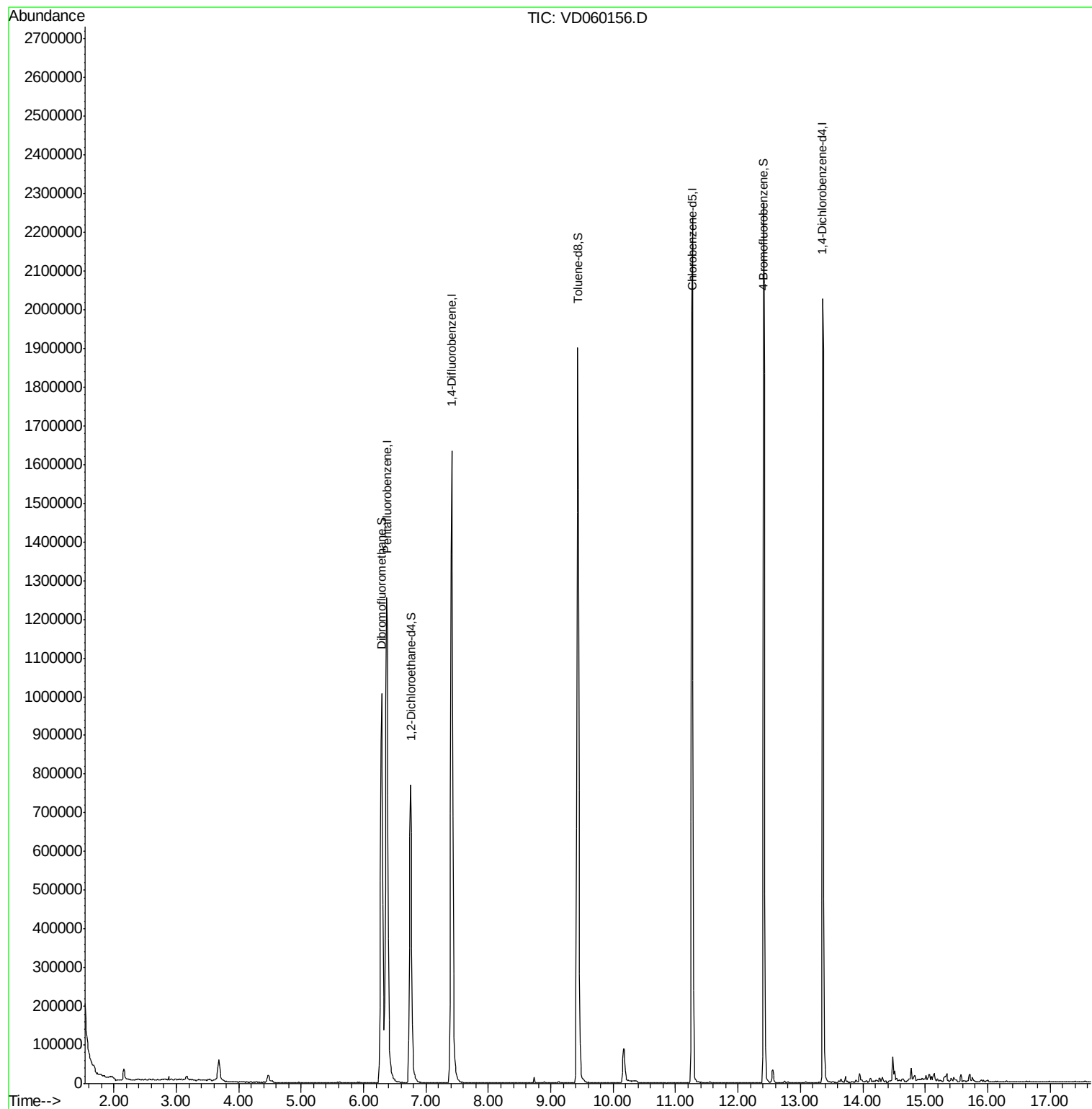
Target Compounds	Qvalue
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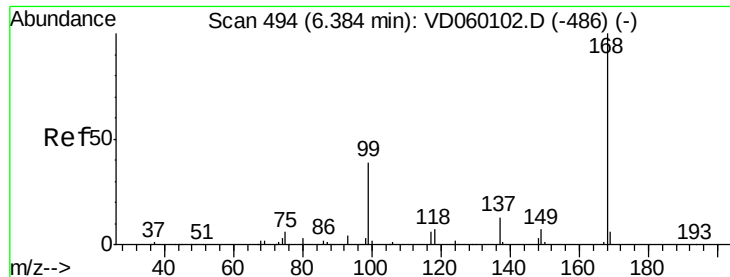
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.37 min Scan# 492

Delta R.T. -0.02 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

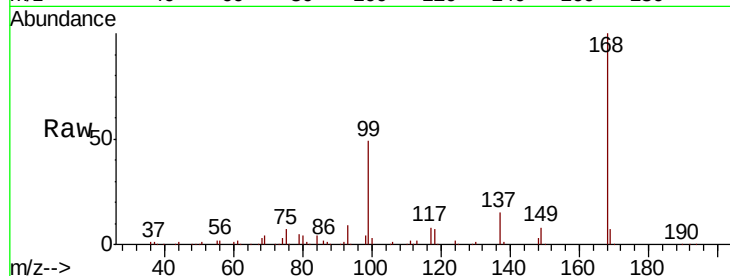
EO-02-100818-C

Tot Ion:168 Resp: 1261388

Ion Ratio Lower Upper

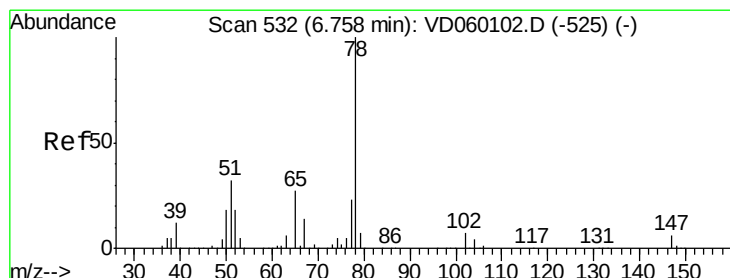
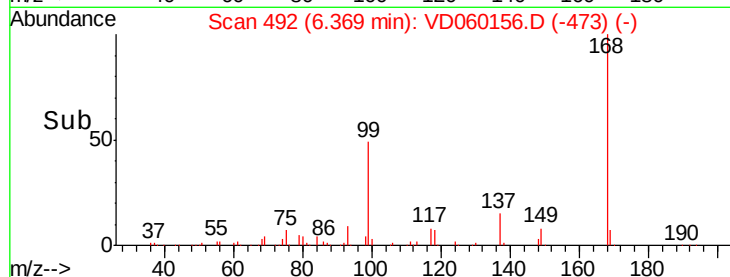
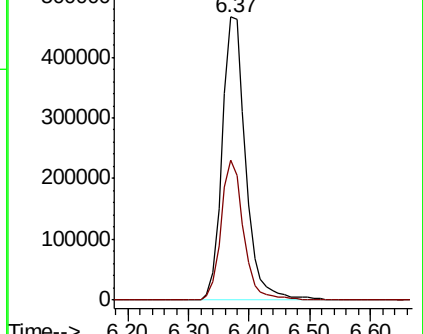
168 100

99 49.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 531

Delta R.T. -0.01 min

Lab File: VD060156.D

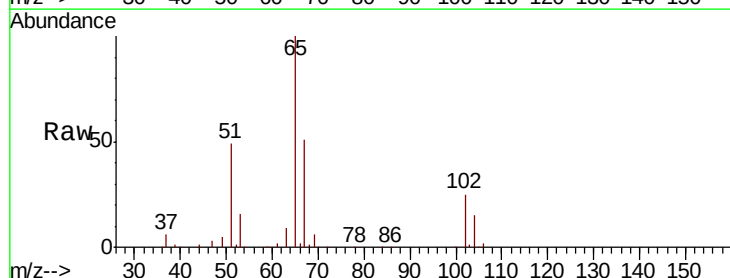
Acq: 9 Oct 2018 17:38

Tgt Ion: 65 Resp: 635014

Ion Ratio Lower Upper

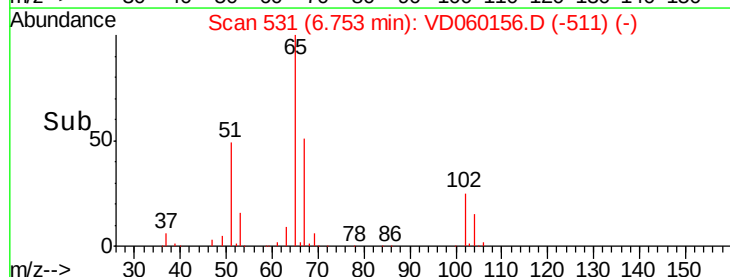
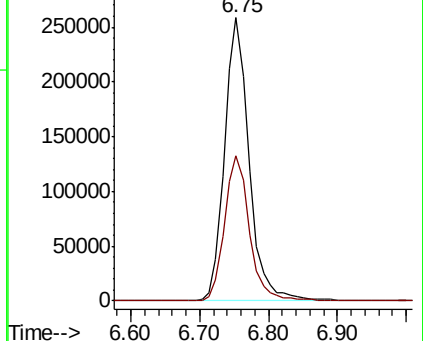
65 100

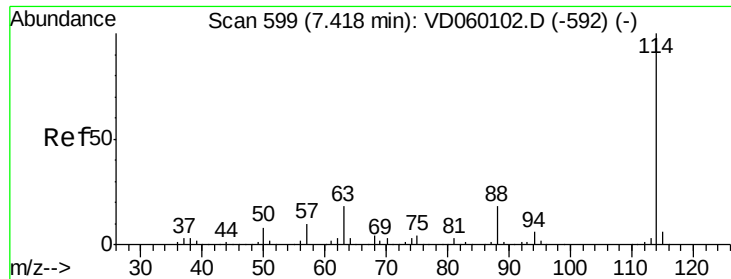
67 51.2 0.0 106.2



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: 7.41 min Scan# 598

Delta R.T. -0.01 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-C

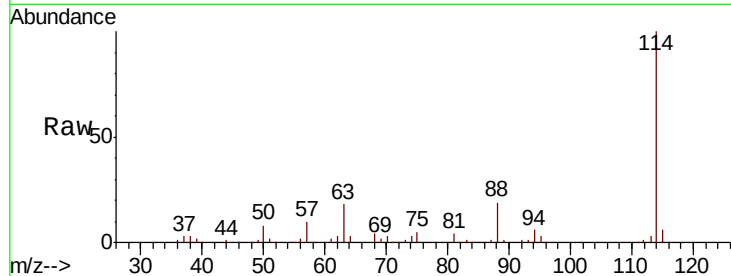
Tot Ion:114 Resp: 1716440

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

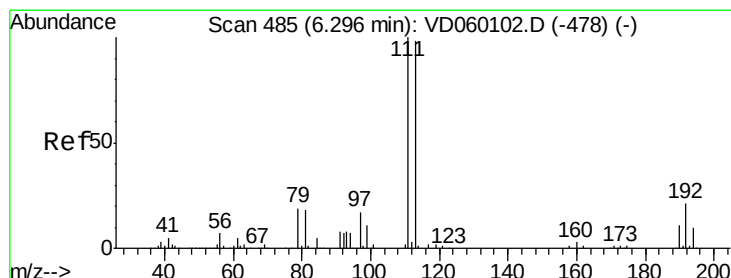
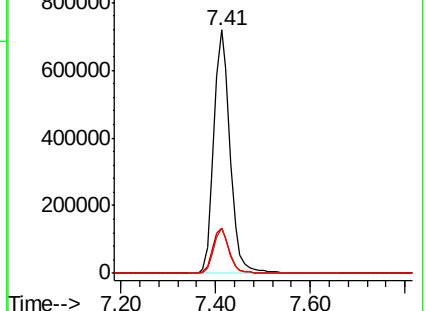
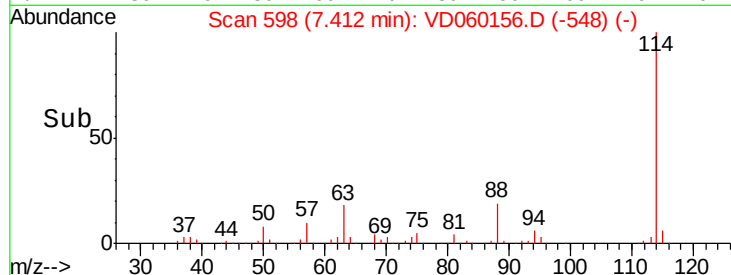
88 18.8 0.0 36.2



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: 6.29 min Scan# 484

Delta R.T. -0.01 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

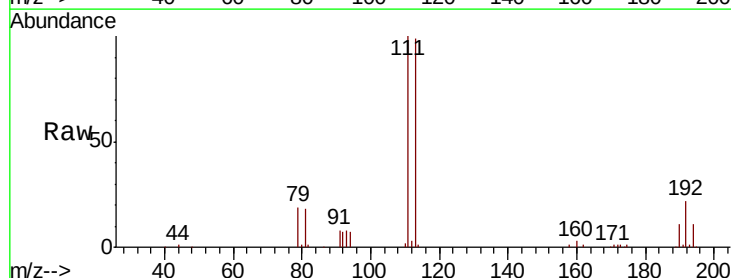
Tgt Ion:113 Resp: 790090

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

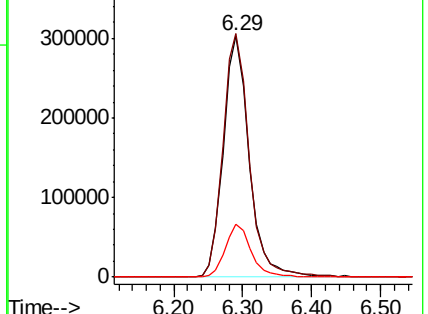
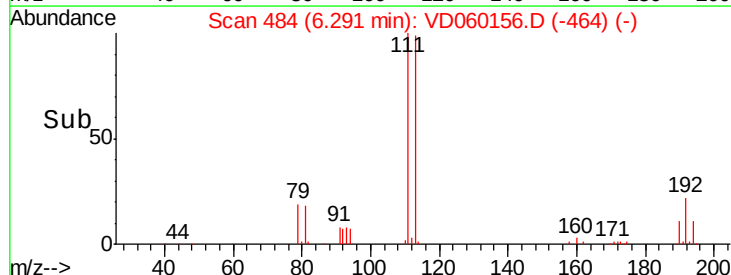
192 21.9 17.4 26.0

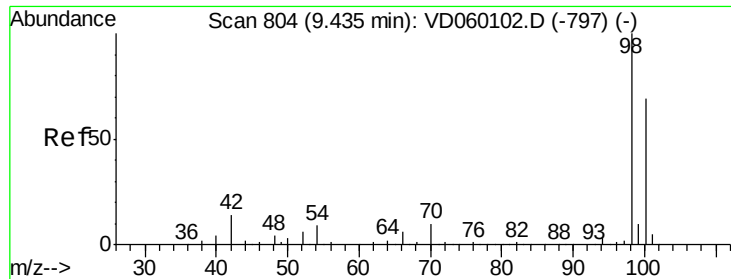


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

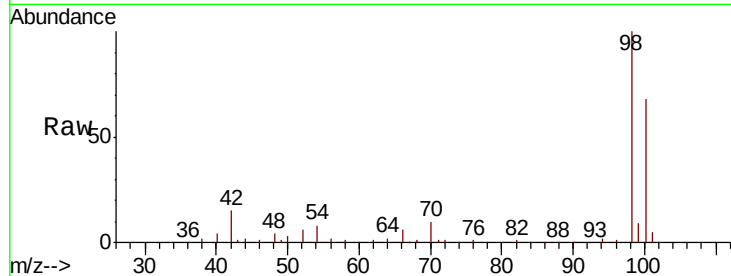




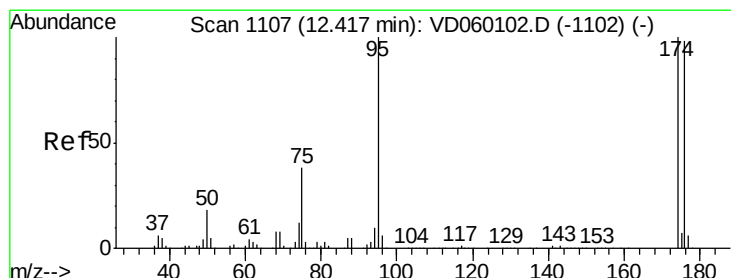
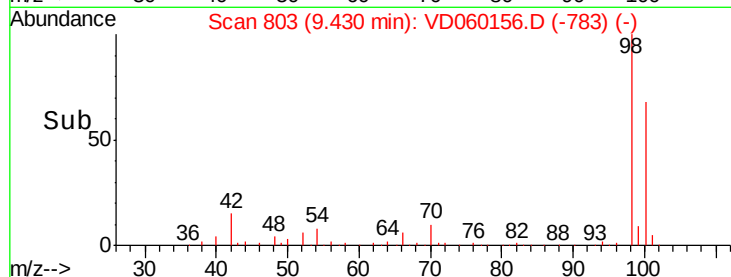
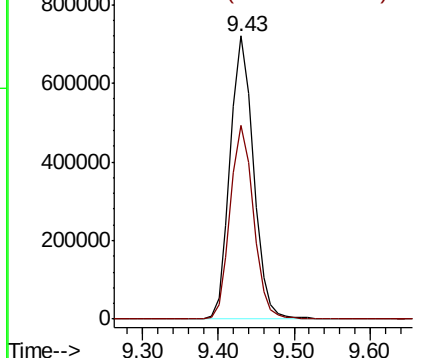
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-C

Tot Ion: 98 Resp: 1538588
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0

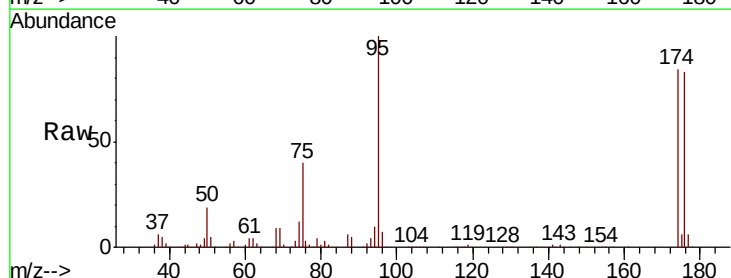


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

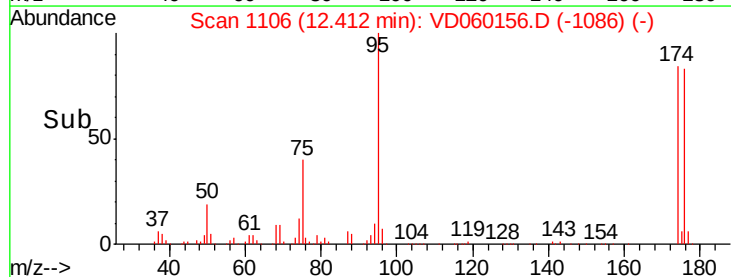
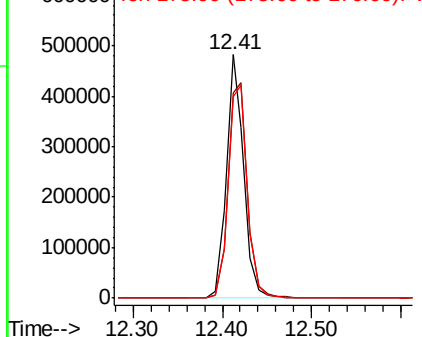


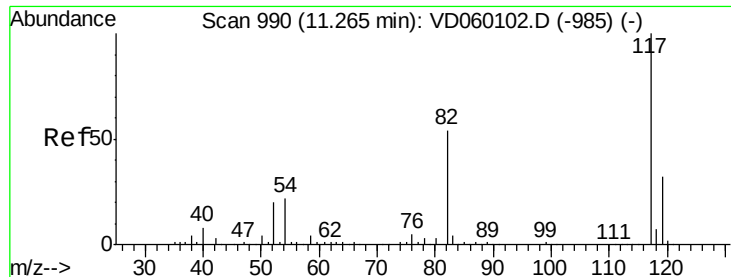
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Tgt Ion: 95 Resp: 660486
Ion Ratio Lower Upper
95 100
174 84.4 0.0 200.2
176 82.6 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: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-C

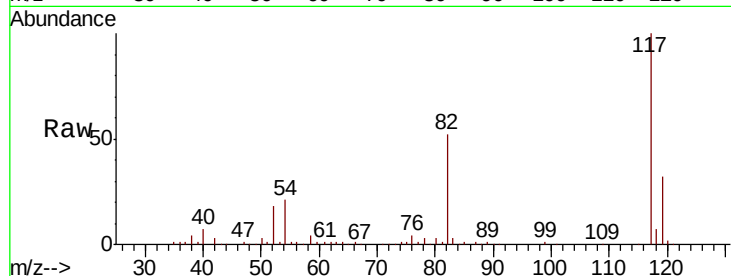
Tot Ion:117 Resp: 1256378

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.2

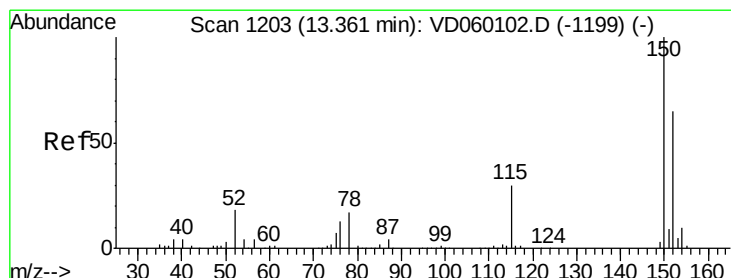
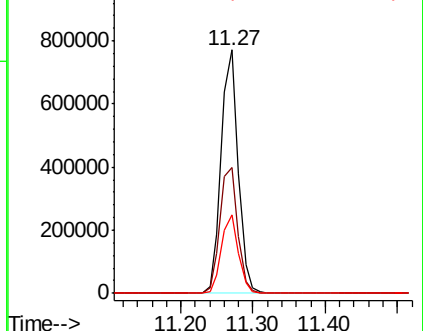
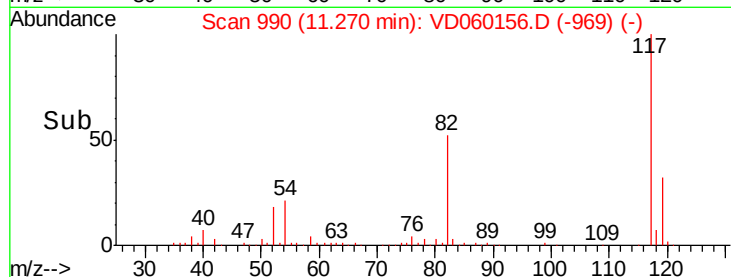
119 32.3 26.0 39.0



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: VD060156.D

Acq: 9 Oct 2018 17:38

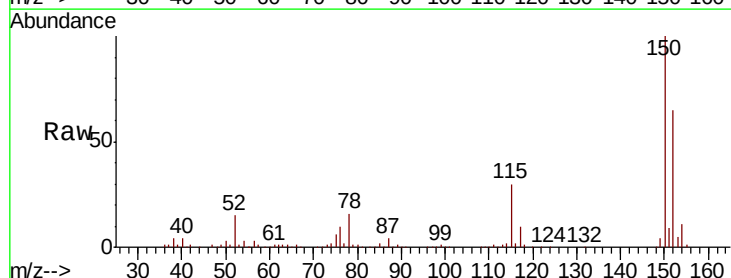
Tgt Ion:152 Resp: 521340

Ion Ratio Lower Upper

152 100

115 46.6 27.1 81.2

150 153.5 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

