

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120718\
 Data File : VD060510.D
 Acq On : 7 Dec 2018 11:15
 Operator : VA/AP
 Sample : VD1207SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBL01

Quant Time: Dec 08 02:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1741942	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2323035	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1886409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	921081	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	652754	52.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	6.31	113	919265	53.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	9.44	98	2728485	55.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.52%	
62) 4-Bromofluorobenzene	12.42	95	929373	52.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.20%	

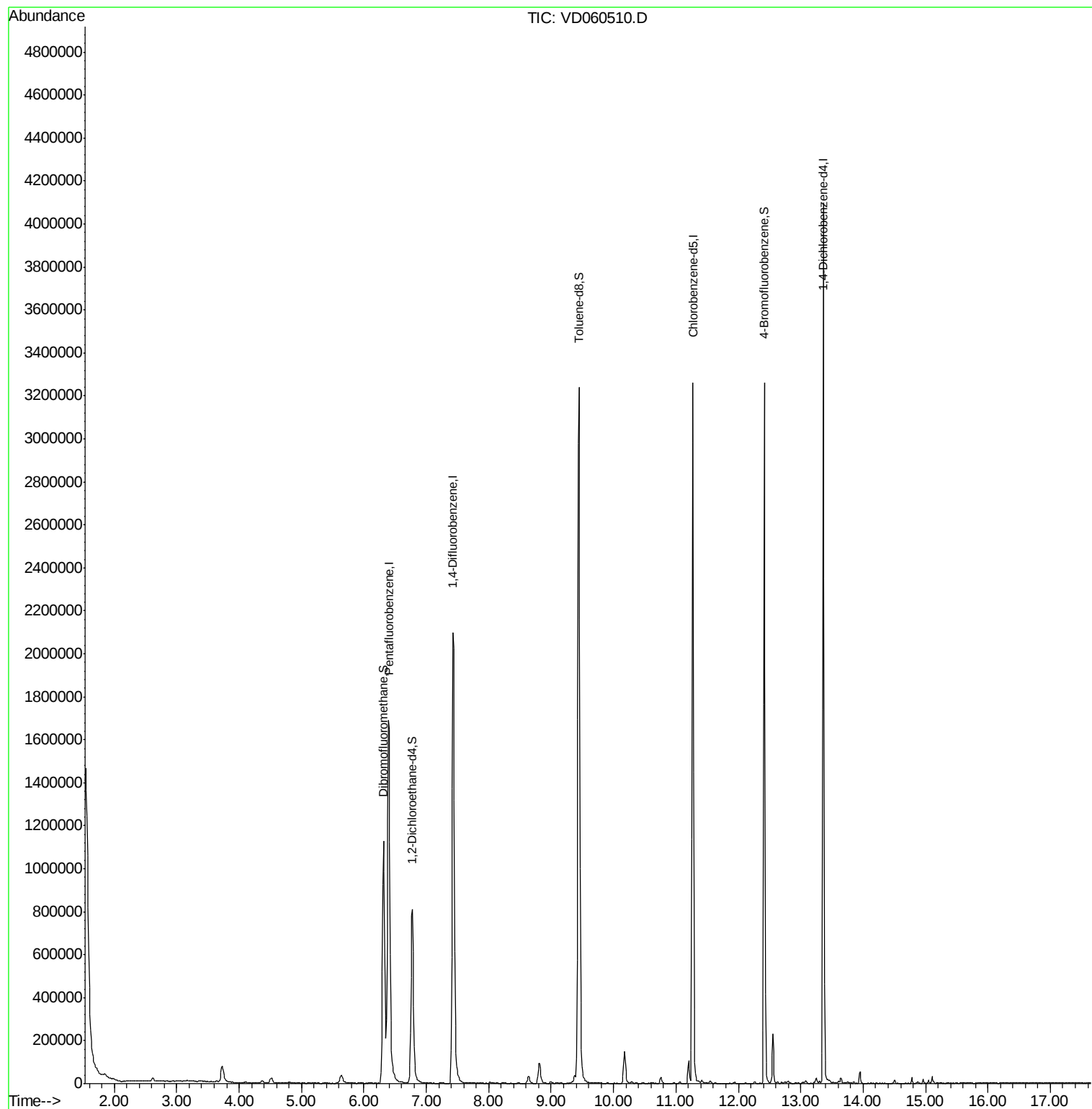
Target Compounds	Qvalue

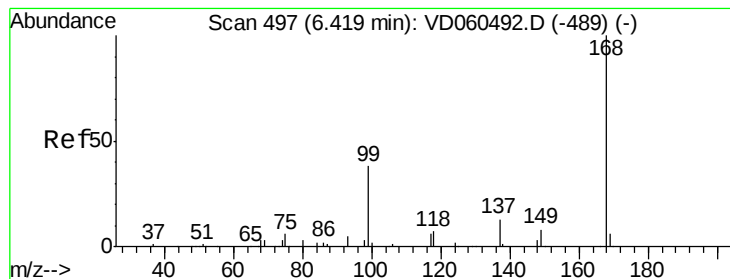
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

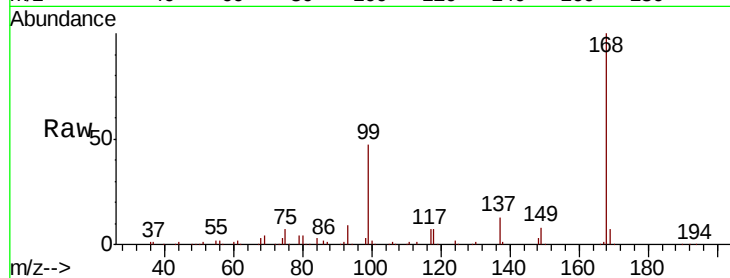
VD1207SBL01

Tot Ion:168 Resp: 1741942

Ion Ratio Lower Upper

168 100

99 46.5 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

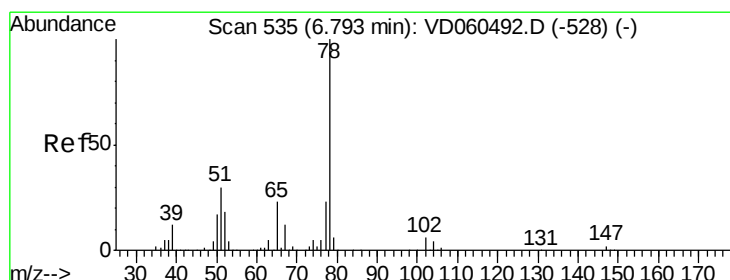
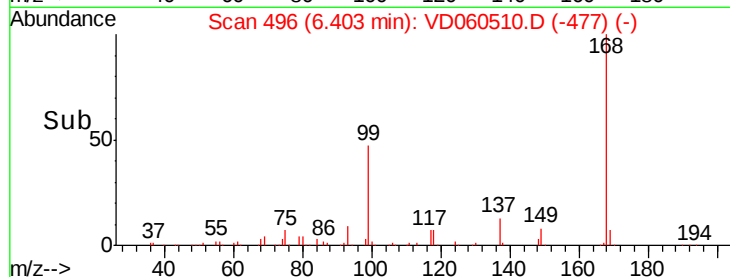
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060510.D

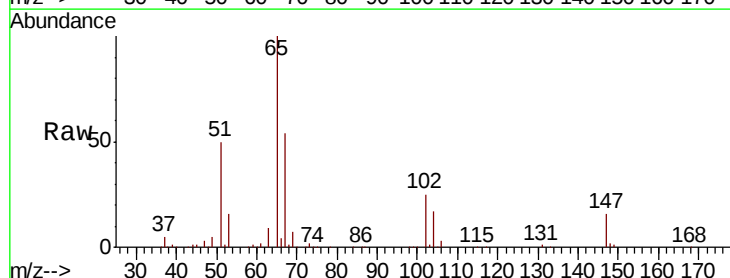
Acq: 7 Dec 2018 11:15

Tgt Ion: 65 Resp: 652754

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

250000

200000

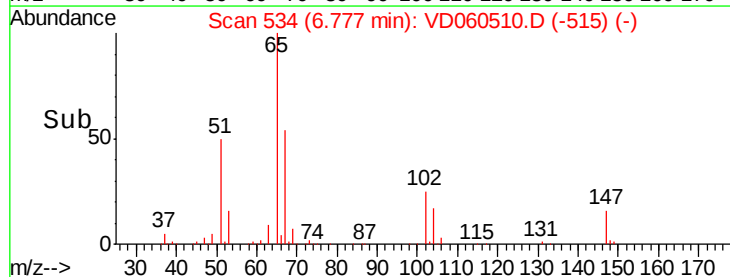
150000

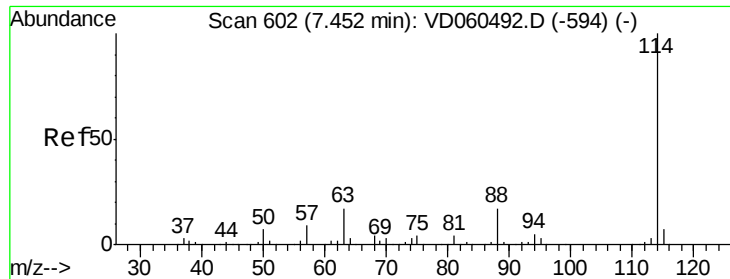
100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00

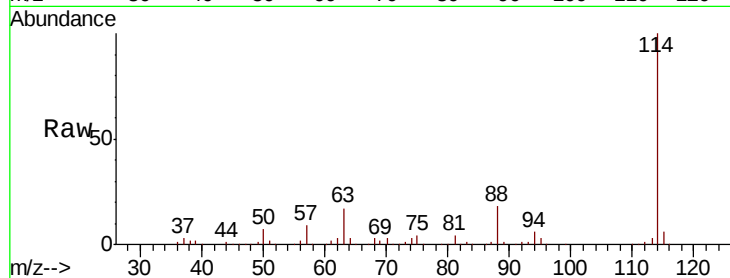




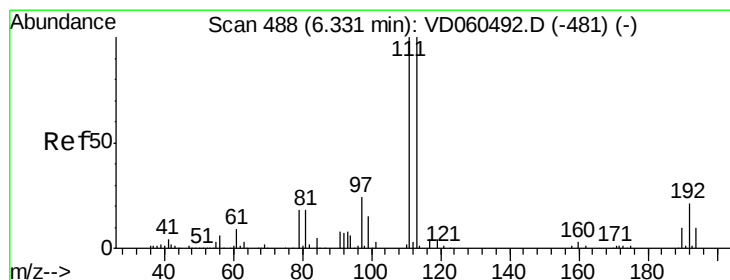
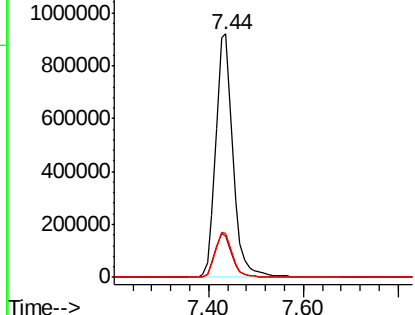
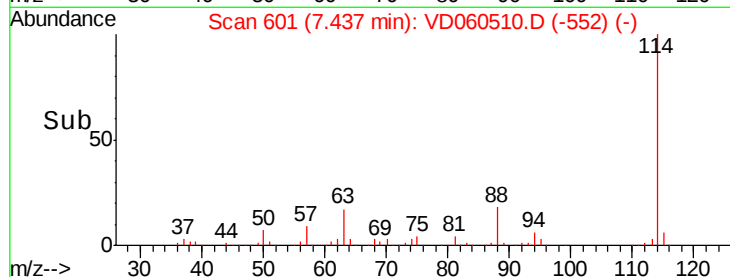
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060510.D
 Acq: 7 Dec 2018 11:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBL01

Tot Ion:114 Resp: 2323035
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.2
 88 17.8 0.0 35.0

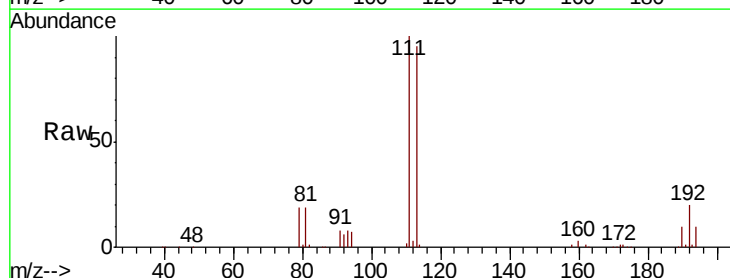


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

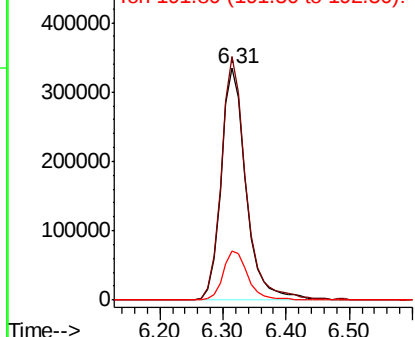
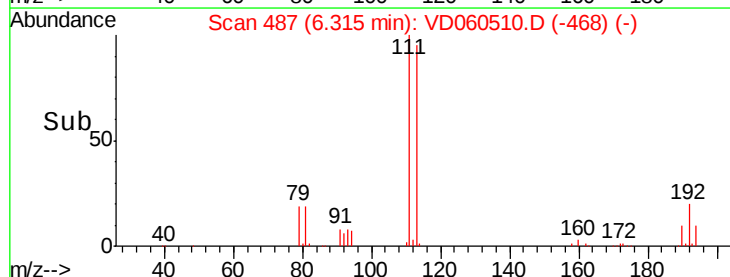


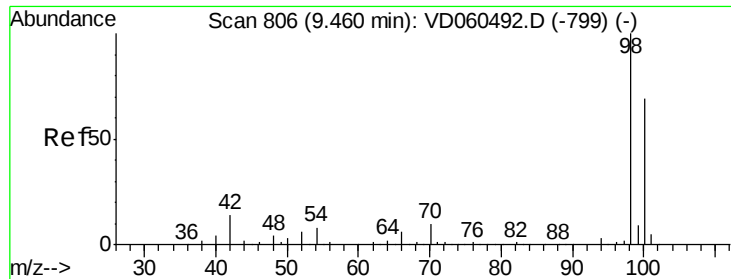
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060510.D
 Acq: 7 Dec 2018 11:15

Tgt Ion:113 Resp: 919265
 Ion Ratio Lower Upper
 113 100
 111 105.0 80.2 120.4
 192 21.1 16.6 24.8



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

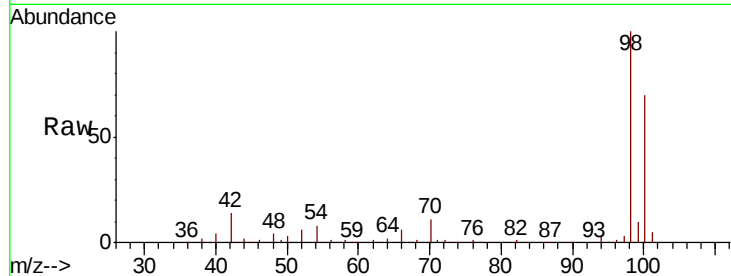




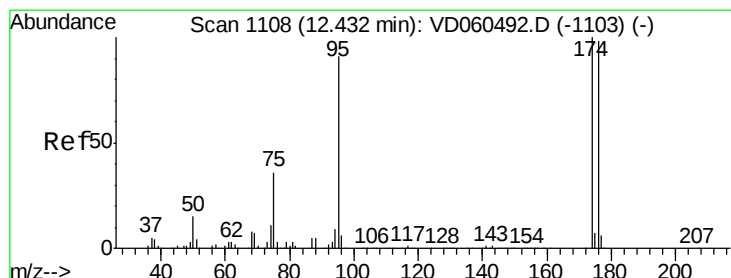
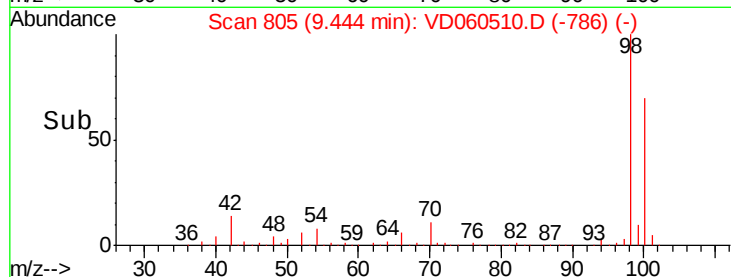
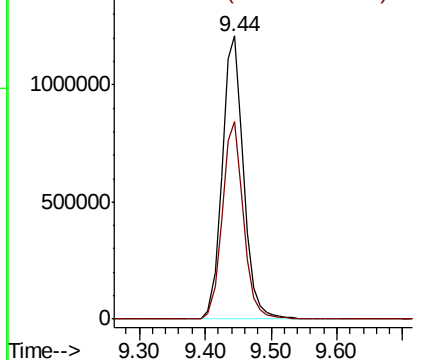
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. -0.02 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tot Ion: 98 Resp: 2728485
Ion Ratio Lower Upper
98 100
100 69.9 55.7 83.5

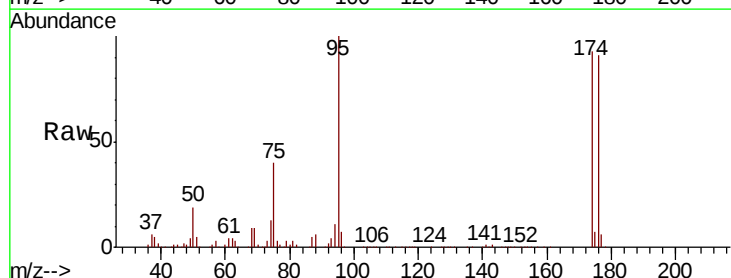


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

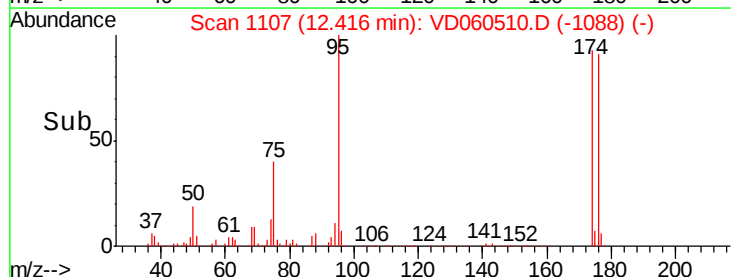
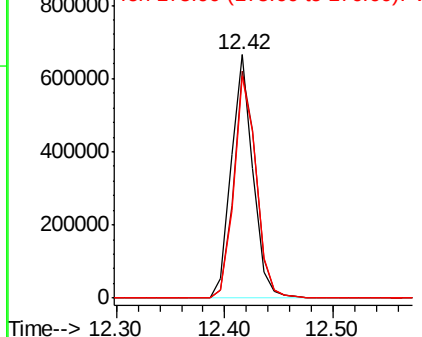


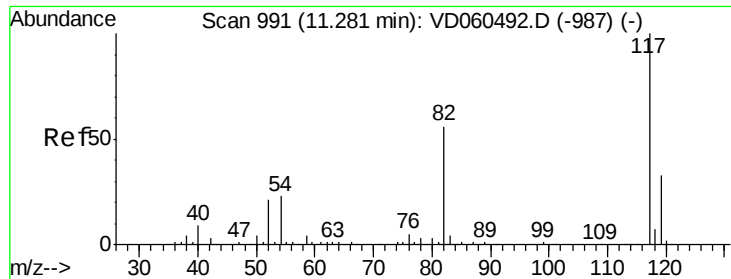
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Tgt Ion: 95 Resp: 929373
Ion Ratio Lower Upper
95 100
174 93.3 0.0 219.4
176 91.1 0.0 214.6



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# 991

Delta R.T. -0.01 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBL01

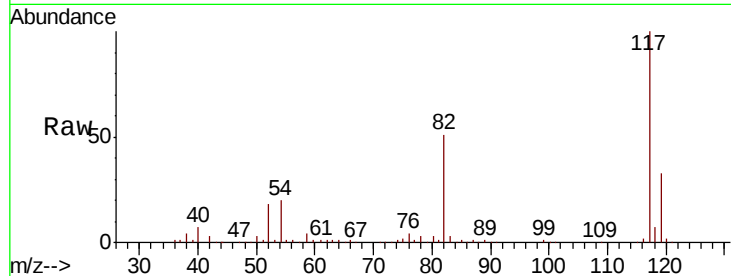
Tot Ion:117 Resp: 1886409

Ion Ratio Lower Upper

117 100

82 51.1 45.2 67.8

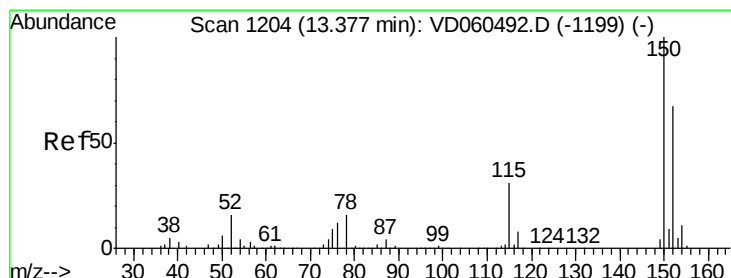
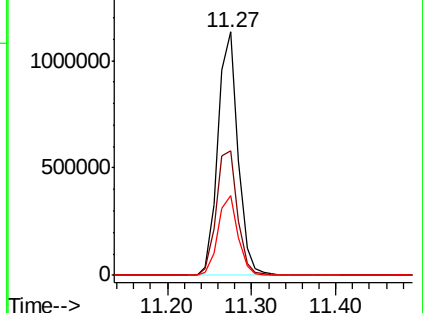
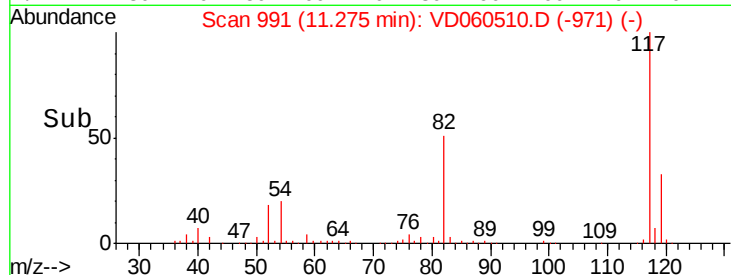
119 32.9 26.1 39.1



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: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

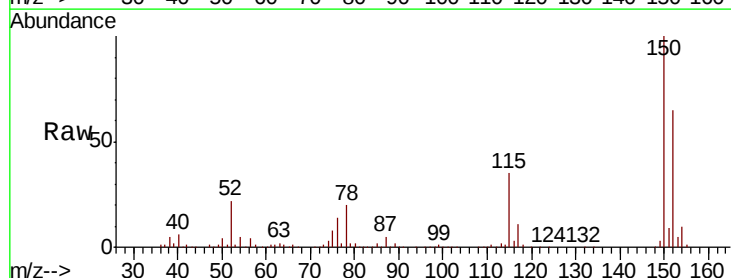
Tgt Ion:152 Resp: 921081

Ion Ratio Lower Upper

152 100

115 54.3 24.6 74.0

150 155.0 0.0 309.0



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

