

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060568.D
 Acq On : 14 Dec 2018 12:40
 Operator : VA/AP
 Sample : VD1214SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1214SBL01

Quant Time: Dec 14 22:34:25 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	6.39	168	1599869	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2116940	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1732577	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	871800	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	570322	50.29	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	6.31	113	807267	51.92	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	9.44	98	2355404	52.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.42	95	815876	50.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.34%	

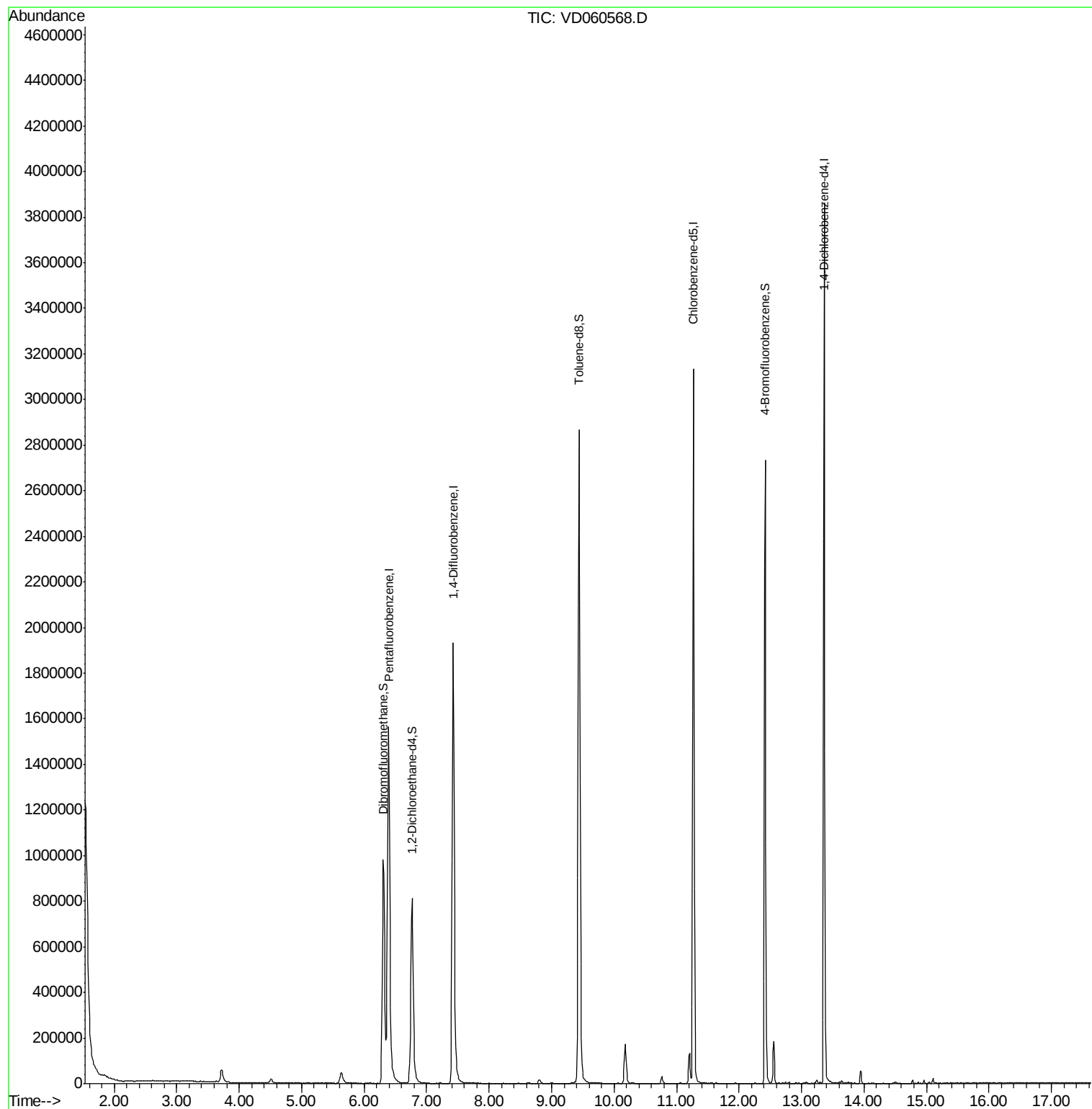
Target Compounds	Qvalue

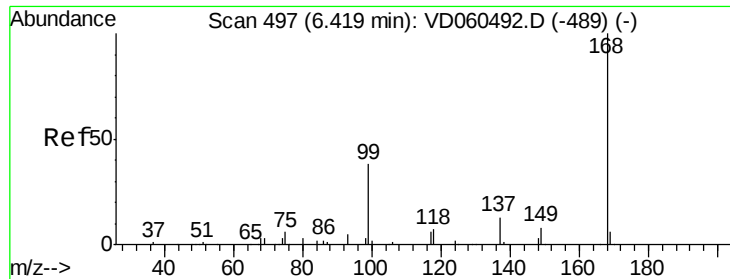
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

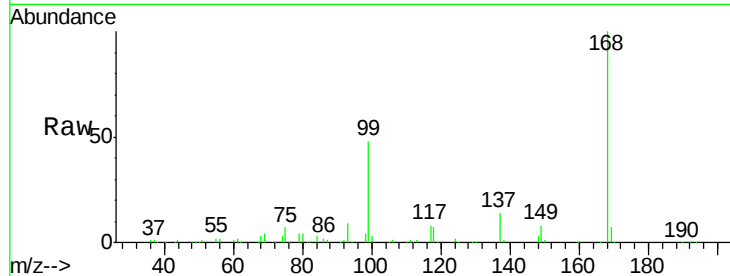
VD1214SBL01

Tgt Ion:168 Resp: 1599869

Ion Ratio Lower Upper

168 100

99 48.0 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

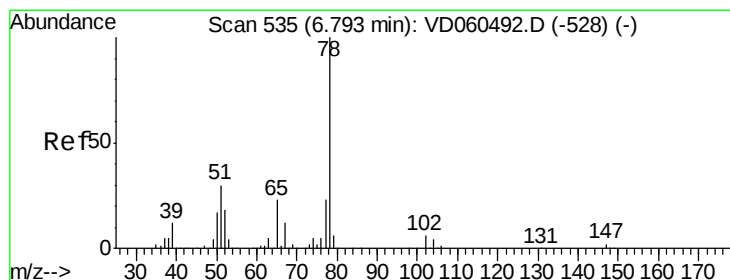
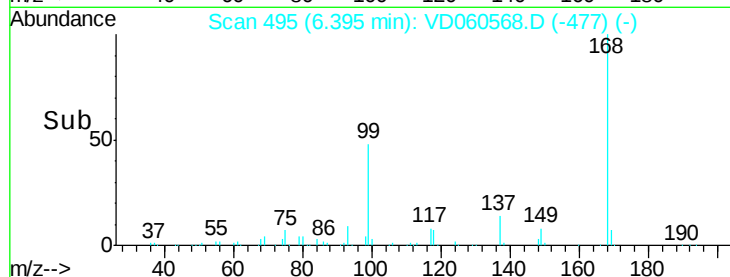
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060568.D

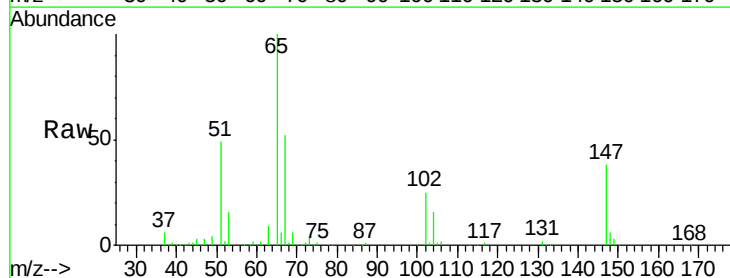
Acq: 14 Dec 2018 12:40

Tgt Ion: 65 Resp: 570322

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

250000

200000

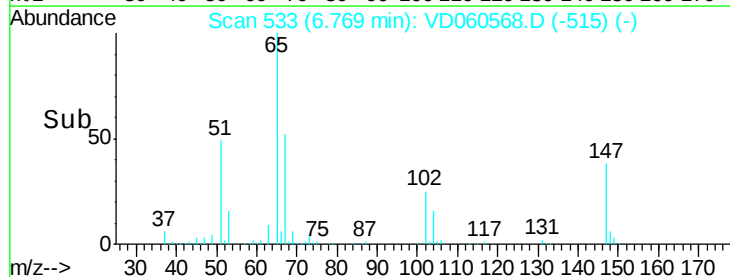
150000

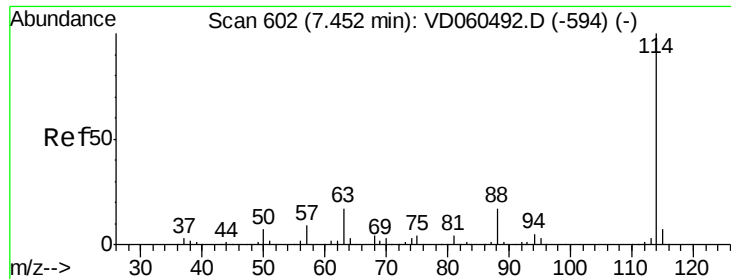
100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.02 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD1214SBL01

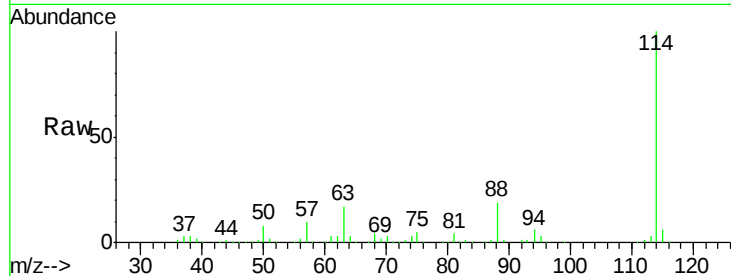
Tgt Ion:114 Resp: 2116940

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

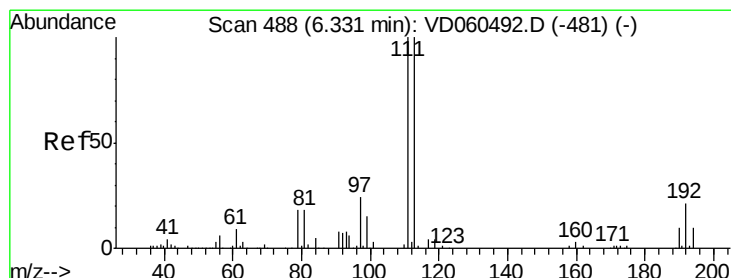
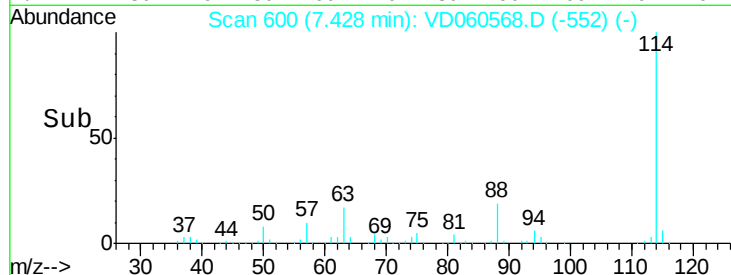
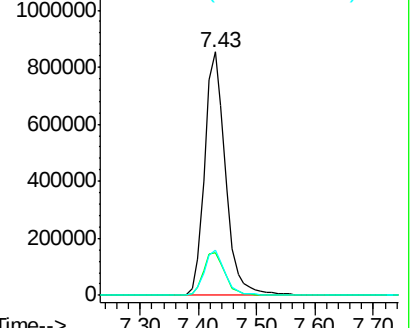
88 18.8 0.0 35.0



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# 486

Delta R.T. -0.02 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

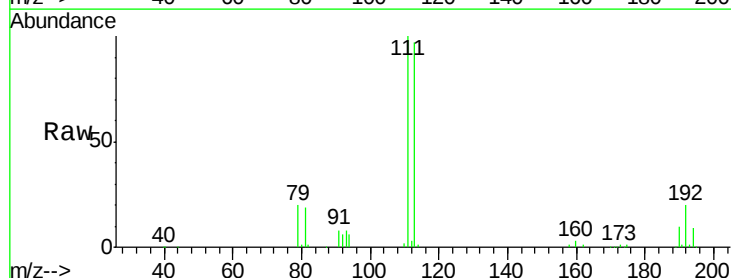
Tgt Ion:113 Resp: 807267

Ion Ratio Lower Upper

113 100

111 102.8 80.2 120.4

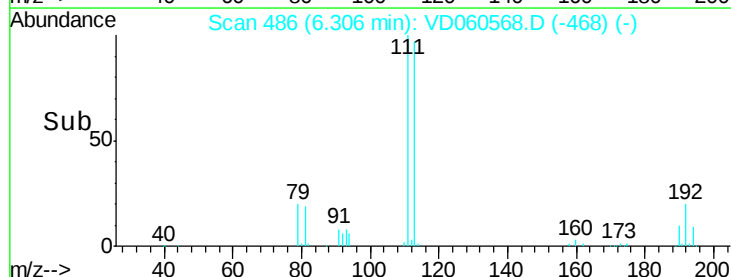
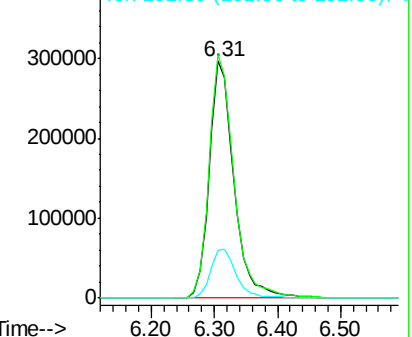
192 20.3 16.6 24.8

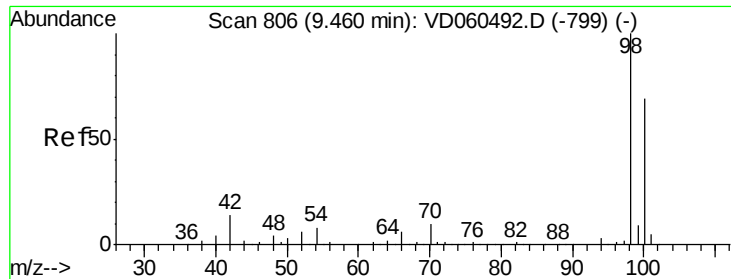


Abundance Ion 112.90 (112.60 to 113.60): V

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# 804

Delta R.T. -0.02 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

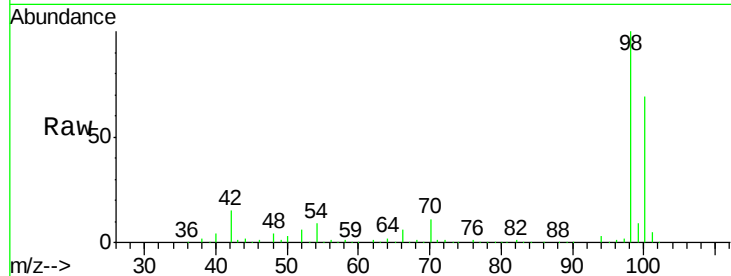
VD1214SBL01

Tgt Ion: 98 Resp: 2355404

Ion Ratio Lower Upper

98 100

100 69.2 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

1200000

1000000

800000

600000

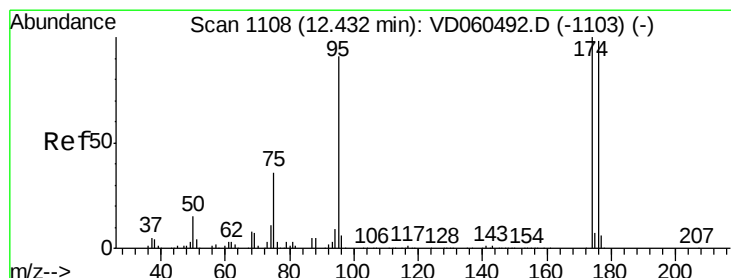
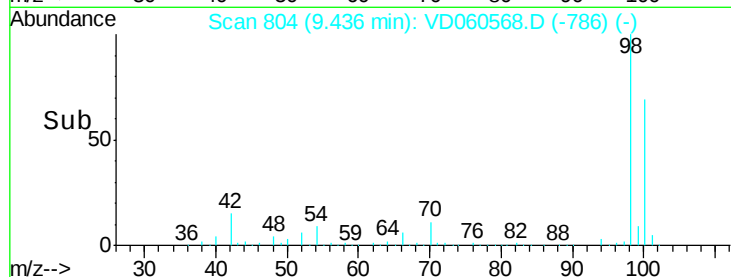
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

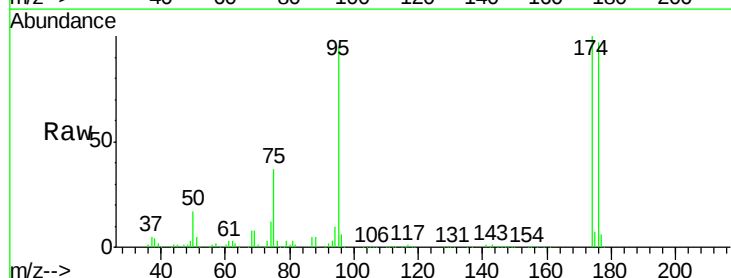
Tgt Ion: 95 Resp: 815876

Ion Ratio Lower Upper

95 100

174 105.1 0.0 219.4

176 101.8 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

600000

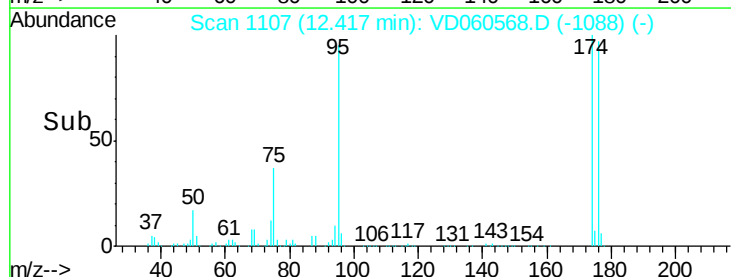
400000

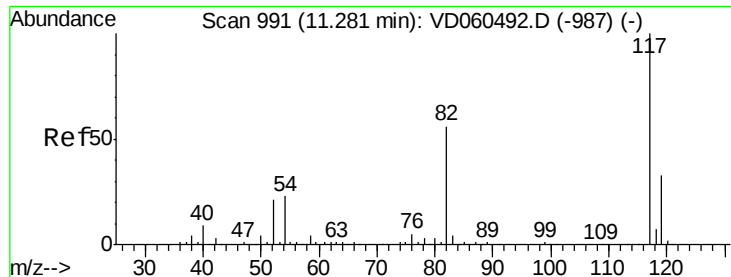
200000

0

12.30 12.40 12.50 12.60

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD1214SBL01

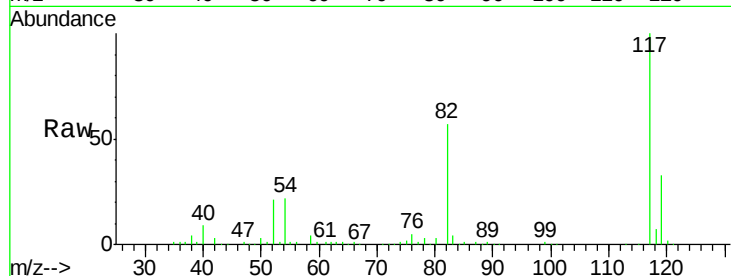
Tgt Ion:117 Resp: 1732577

Ion Ratio Lower Upper

117 100

82 56.8 45.2 67.8

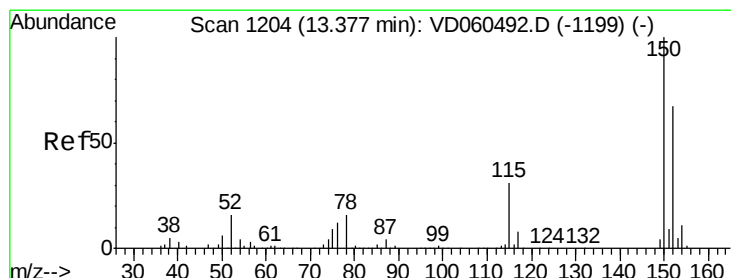
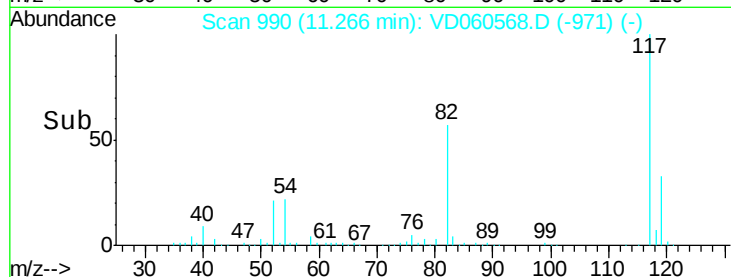
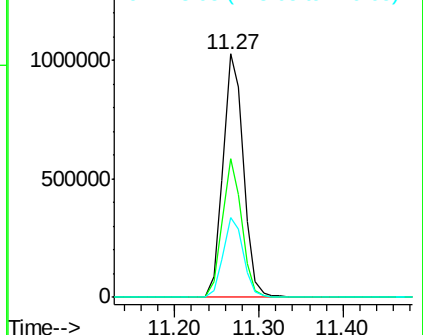
119 32.9 26.1 39.1



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. -0.01 min

Lab File: VD060568.D

Acq: 14 Dec 2018 12:40

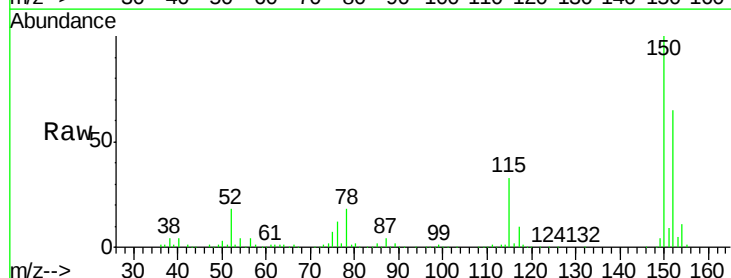
Tgt Ion:152 Resp: 871800

Ion Ratio Lower Upper

152 100

115 50.4 24.6 74.0

150 152.7 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

