

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004824.D
 Acq On : 28 Sep 2018 16:32
 Operator : JC/MD
 Sample : J5085-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-717

Quant Time: Oct 01 12:57:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180939	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	152326	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	557166	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.14	95	202403	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

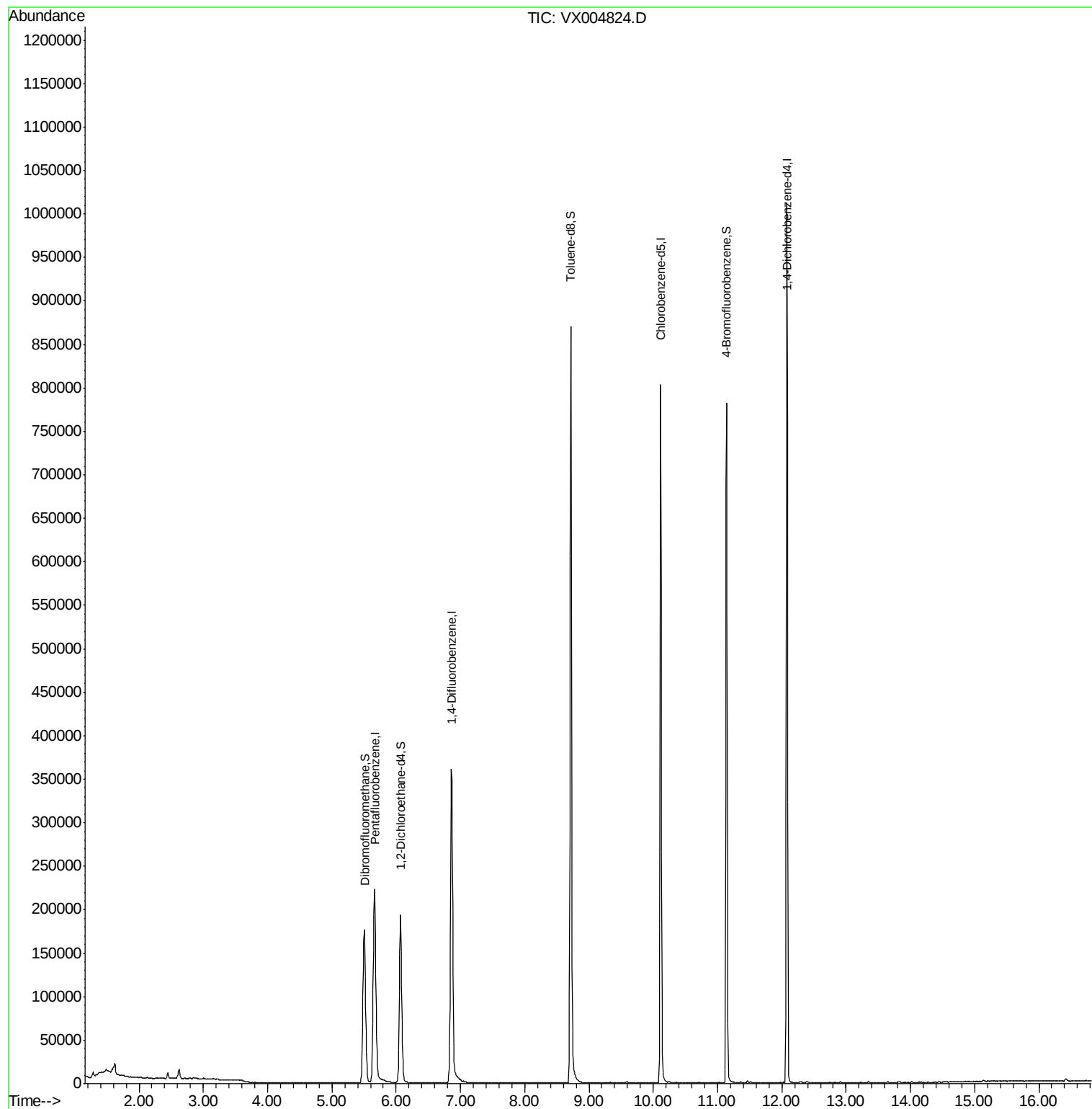
Target Compounds	Qvalue

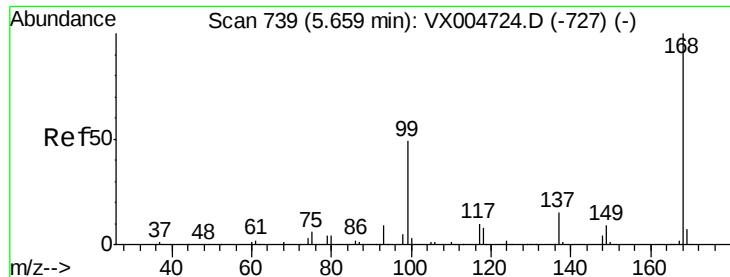
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004824.D

Acq: 28 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

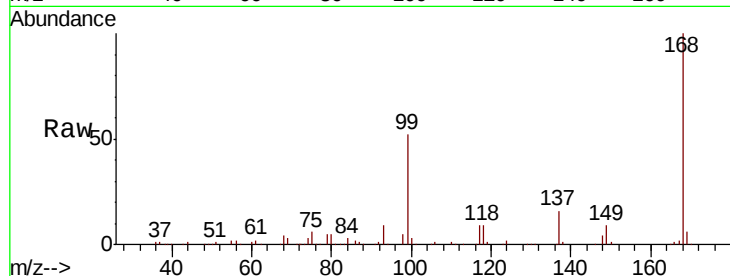
MH-717

Tot Ion:168 Resp: 234075

Ion Ratio Lower Upper

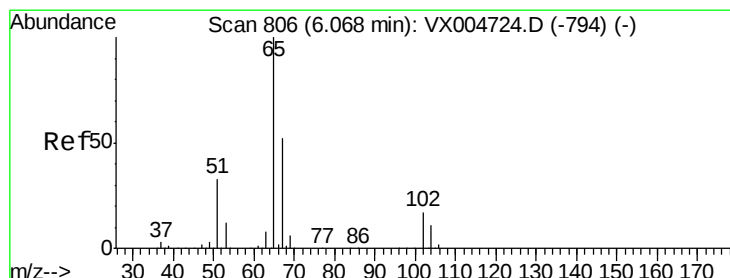
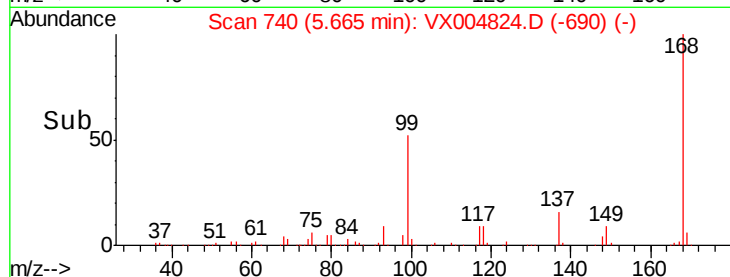
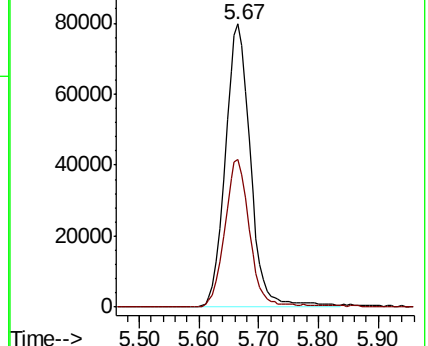
168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.112 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004824.D

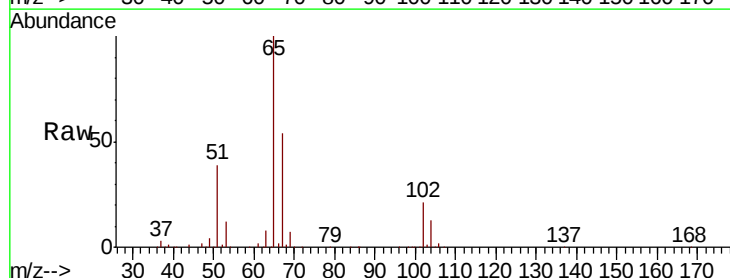
Acq: 28 Sep 2018 16:32

Tgt Ion: 65 Resp: 180939

Ion Ratio Lower Upper

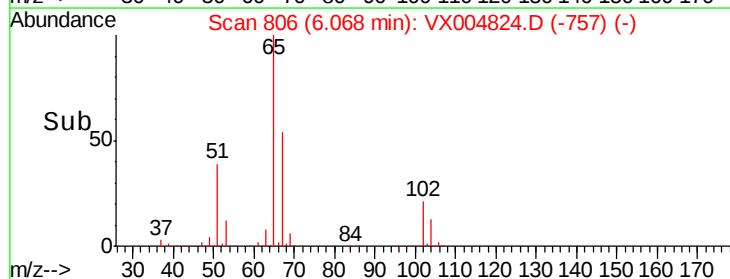
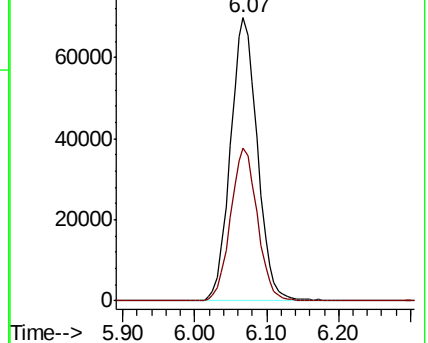
65 100

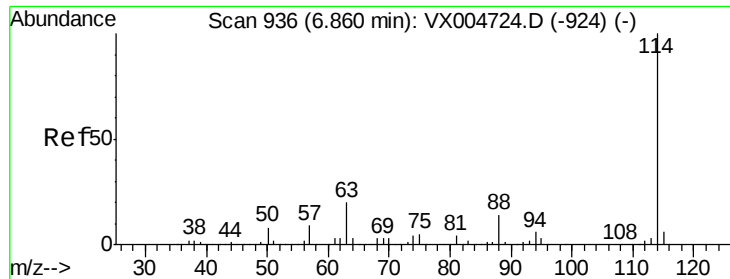
67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

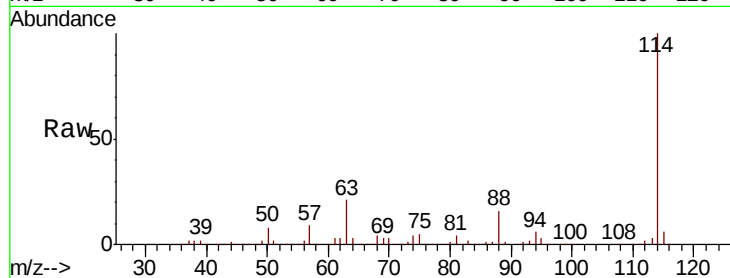




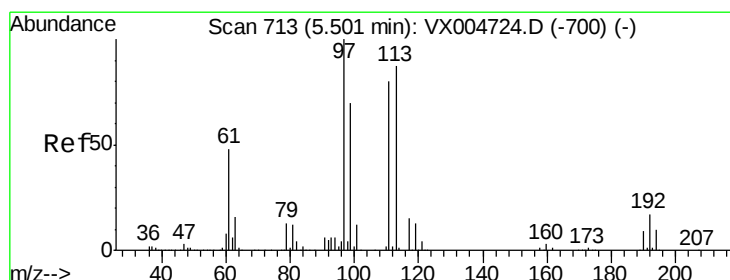
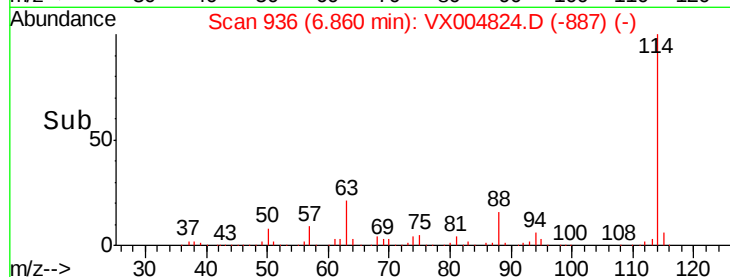
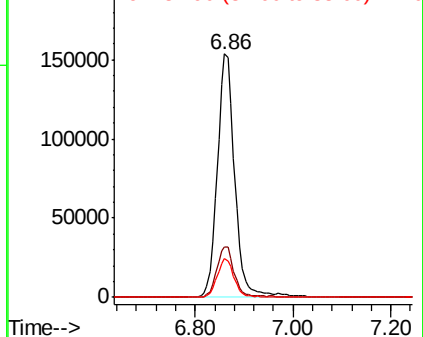
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004824.D
 Acq: 28 Sep 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-717

Tot Ion:114 Resp: 380902
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.7 0.0 30.4

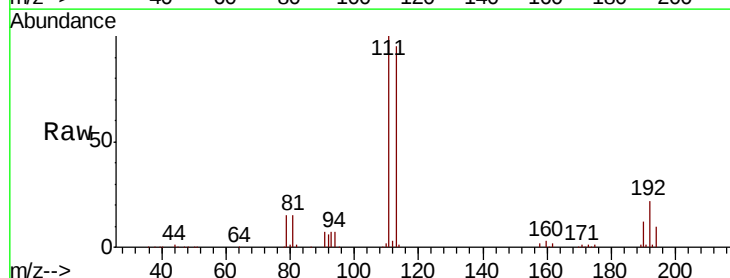


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

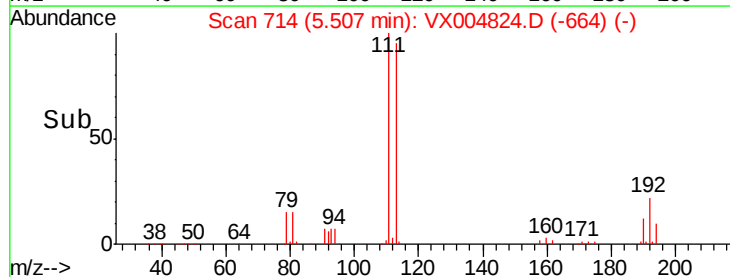
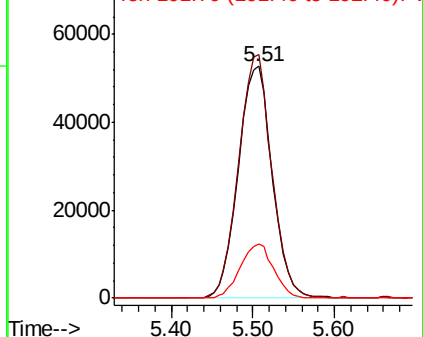


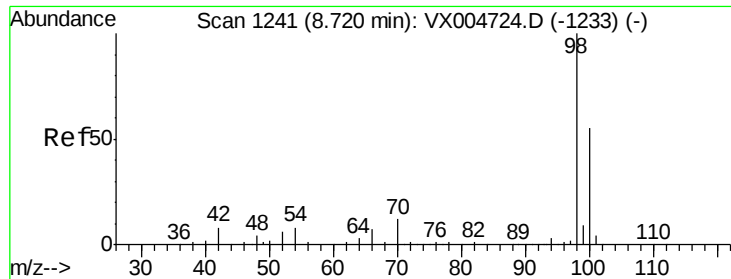
#35
 Dibromofluoromethane
 Concen: 47.186 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004824.D
 Acq: 28 Sep 2018 16:32

Tgt Ion:113 Resp: 152326
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 23.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.916 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004824.D

Acq: 28 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

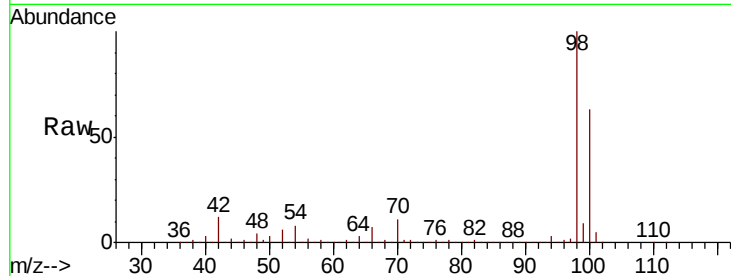
MH-717

Tot Ion: 98 Resp: 557166

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

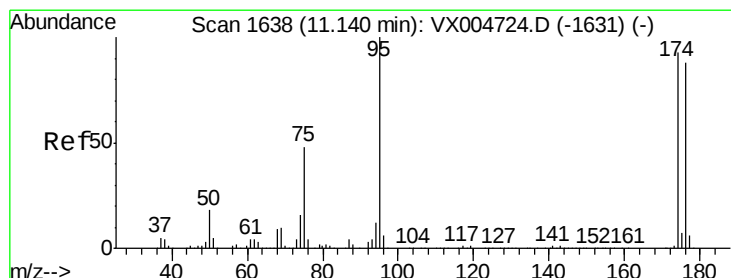
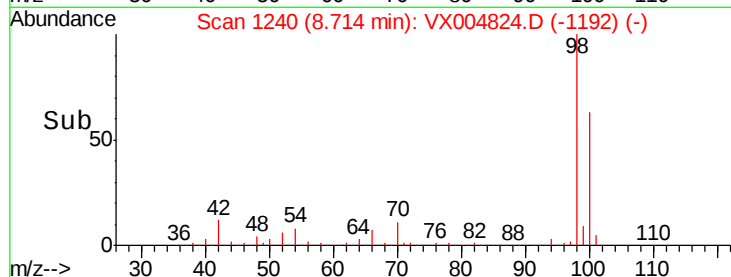
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 52.351 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004824.D

Acq: 28 Sep 2018 16:32

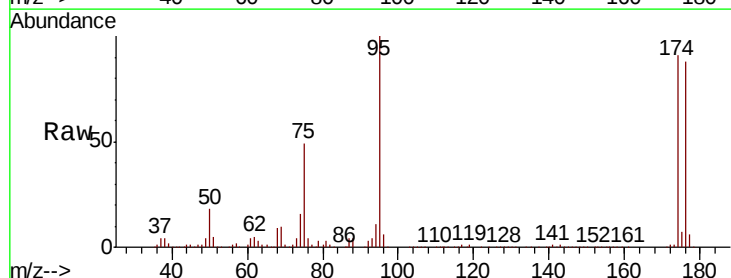
Tgt Ion: 95 Resp: 202403

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.2

176 87.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

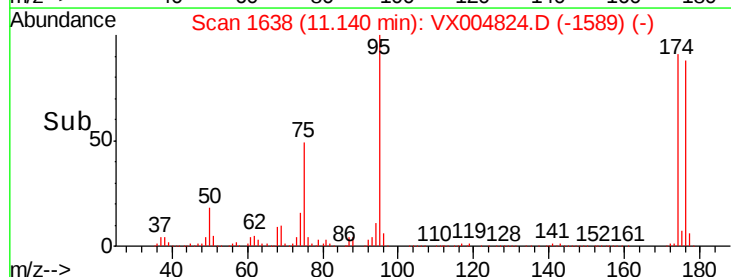
100000

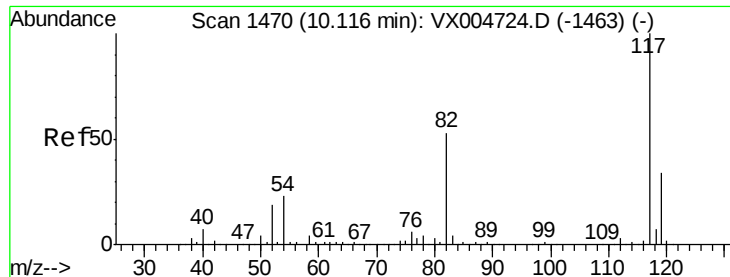
50000

0

11.10 11.20 11.30

Time-->

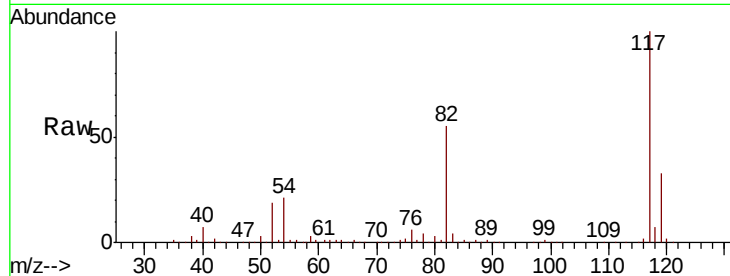




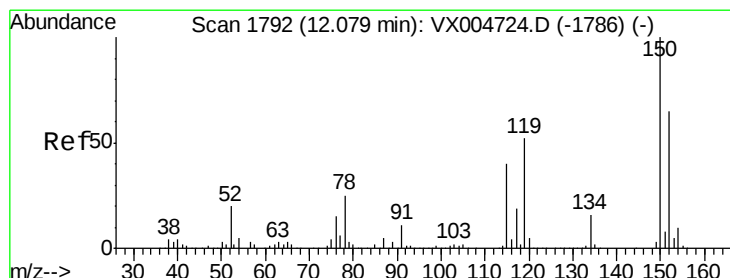
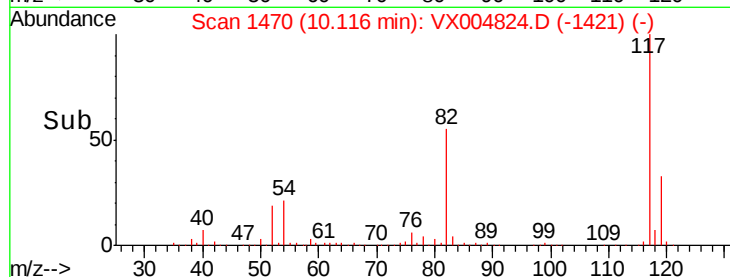
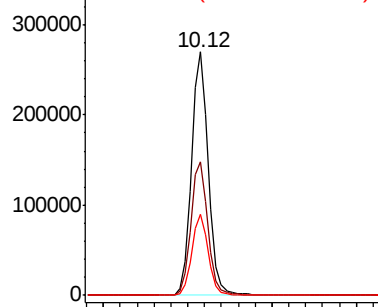
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004824.D
Acq: 28 Sep 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
MH-717

Tot Ion:117 Resp: 372601
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 33.3 29.3 43.9

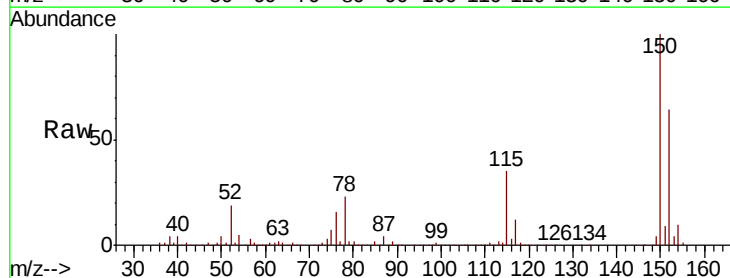


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004824.D
Acq: 28 Sep 2018 16:32

Tgt Ion:152 Resp: 210285
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 155.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

